



Covered Bond Special

Risk weights and LCR levels of covered bonds

Markets Strategy & Floor Research

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Risk weights of covered bonds

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Risk weights as the starting point for risk-weighted assets

The Capital Requirements Regulation (CRR) includes provisions on calculating the capital requirements for credit institutions that follow the credit risk standardised approach (CRSA) to determine the risk weightings of covered bonds, among other assets. Establishing the relevant risk weighting is important insofar as, under the CRSA, the risk-weighted portion of an asset is obtained from multiplication of the position's value and the risk weighting. The sum of all the portions results in the risk-weighted assets (RWA), which must be backed accordingly by equity capital. In addition to the UCITS-compliant issuance of covered bonds, collateralisation by eligible cover assets and appropriately transparent cover pool reporting, rating assessments of a risk position in particular play an important role in determining the risk weighting of a covered bond. The Credit Quality Step system used for this purpose and the other conditions for preferential risk weighting of covered bonds are dealt with below.

Compliance with Article 52(4) UCITS Directive required for preferential risk weighting

Covered bonds are generally eligible for preferential treatment in relation to risk weighting under the credit risk standardised approach. The requirements that a bond has to meet in order to comply with this are laid down in [Article 129 CRR](#). To this end, it has been stipulated that only bonds issued in accordance with [Article 52\(4\) of the UCITS Directive](#) can benefit from more favourable treatment. The relevant Article defines requirements for covered bonds, even though this definition under the UCITS Directive may not initially be seen in connection with establishing risk weightings or other regulatory metrics. Instead, Article 52(4) provides that undertakings for collective investment in transferable securities (UCITS) may, under certain conditions, hold a higher proportion of certain bonds. At present, however, the Article serves in many cases as a basis for defining covered bonds. Accordingly, it involves a covered bond within the meaning of Article 52(4) of the UCITS Directive if:

- i) the bond was issued by a credit institution which has its registered office in the European Economic Area (EEA),
- ii) the institution is subject to special public supervision designed to protect investors,
- iii) the sums deriving from the issue of those bonds are invested in accordance with the law in assets which, during the whole period of validity of the bonds, are capable of covering claims attaching to the bonds,
- iv) and in the event of issuer default, the assets would be used on a priority basis for servicing the creditors of the bond.

It also follows from the requirements of Article 52(4) that covered bonds issued outside the eurozone may under no circumstances be UCITS-compliant.

Article 129 CRR defines eligible cover assets

Furthermore, UCITS-compliant covered bonds must be covered by the assets defined in Article 129(1) CRR in order to be considered for preferential risk weighting. Eligible mortgage collateral includes, but is not limited to:

- i) residential property (LTV limit 80%),
- ii) commercial immovable property (LTV limit 60%, in exceptional cases up to 70%),
- iii) guaranteed French real estate loans (LTV limit 80%) and
- iv) loans secured by maritime liens on ships (LTV limit 60%).

Exposures and exposures guaranteed by the relevant entity that qualify for Credit Quality Step 1 are eligible as public collateral from the European Economic Area (EEA) in respect of:

- i) central governments,
- ii) Institutions part of the ESCB (European System of Central Banks),
- iii) public sector entities or
- iv) regional governments or local authorities.

Likewise, CQS 1 public collateral from third countries may also be used as cover if this is exposure to or guaranteed by:

- i) a central government, or
- ii) a central bank.

The same applies to multilateral development banks and international organisations that qualify for Credit Quality Step 1. In addition, if certain criteria are met, exposures to public sector entities or regional governments or local authorities of non-EEA countries, or exposures guaranteed by them, may also be used as cover assets. If the exposures to third-country institutions, multilateral development banks or international organisations qualify for Credit Quality Step 2, their volume is limited to 20% of the outstanding covered bonds. Furthermore, exposures to CQS 1 institutions qualify as cover assets if they do not account for more than 15% of the nominal value of the outstanding covered bonds. Exposures to institutions in the EEA with a residual maturity not exceeding 100 days do not have to correspond to the highest credit rating, but must at least be assigned to Credit Quality Step 2. Liens on aircraft and loans to small and medium-sized enterprises (SMEs) are not included in Article 129(1) CRR, and therefore are not eligible for inclusion in the cover pool so as to benefit from a preferential risk weighting.

Regular and adequate cover pool reporting required

In addition to limiting eligible cover assets, covered bonds must also fulfil requirements in relation to transparency. According to Article 129(7) CRR, in order to benefit from a preferential risk weighting, investors in covered bonds must be able to demonstrably prove the following aspects of the respective covered bond programme to the competent supervisory authority every six months:

- i) Value of the cover pool and outstanding covered bonds,
- ii) The geographical distribution and type of cover assets, loan size, interest rate and currency risks,
- iii) The maturity structure of cover assets and covered bonds,
- iv) The percentage of loans more than ninety days past due.

Rating assessments as fourth decisive factor

Fulfilment of the three requirements discussed above constitutes a necessary condition for a preferential risk weighting of covered bonds. As a further and decisive factor in determining the risk weighting, Article 129(4) and (5) CRR lay down requirements with regard to rating assessments. While paragraph 4 applies risk weighting in the case of at least one existing rating assessment, paragraph 5 applies risk weighting in the case where a covered bond does not have a rating.

Determining the Credit Quality Step for more than one recognised rating assessment

		Rating 2	CQS 1				CQS 2			CQS 3		
		Rating 1	AAA	AA+	AA	AA-	A+	A	A-	BBB+	BBB	BBB-
CQS 1	AAA	Credit Quality Step 1					Credit Quality Step 2				Credit Quality Step 3	
	AA+											
	AA											
	AA-											
CQS 2	A+	Credit Quality Step 2					Credit Quality Step 2				Credit Quality Step 3	
	A											
	A-											
CQS 3	BBB+	Credit Quality Step 3					Credit Quality Step 3				Credit Quality Step 3	
	BBB											
	BBB-											

Source: Regulation 2016/1799, NORD/LB Markets Strategy & Floor Research

Deriving the Credit Quality Step of a covered bond

Rating assessments are always taken into account using the Credit Quality Step system, which is laid down in [Regulation 2016/1799](#). A total of six different credit rating categories are assigned through ratings issued by recognised [External Credit Assessment Institutions \(ECAI\)](#) (see also: [Mapping of rating assessments](#)). Since risk positions can in principle have several ECAI ratings, a new mapping is required to determine the Credit Quality Step (CQS) if there is more than one rating available (see table above). Irrespective of the number of eligible ratings, [Article 138 CRR](#) is key to determining the Credit Quality Step. If two ratings are available for a risk position, the applicable rating shall be the one resulting in the higher of the two possible risk weightings, if the two ratings differ (see table). A higher risk weighting is equivalent to a lower credit rating. In this respect, we understand an AA-equivalent rating to be lower than an AAA-equivalent rating. If more than two ratings are available for a risk position, the two ratings resulting in the lowest risk weighting, i.e. the two highest ratings, are applicable. If these two assessments differ from each other, the Credit Quality Step is determined on the basis of the rating (out of these two ratings) that results in the higher risk weighting. It follows from the requirements of Article 138 CRR that only the two highest ratings, if available, are relevant to determining the Credit Quality Step according to CRR, even if a position has more than two ECAI ratings. The resulting simplification of CQS provisions is shown in the table; no distinction is made with regard to the rating grades of individual agencies. Mapping of these equivalence ratings is shown in the [Mapping of rating assessments](#) table.

Best rating and fulfilment of all requirements leads to a risk weighting of 10%

If the requirements relating to i) UCITS compliance, ii) eligible cover assets and iii) cover pool reporting are deemed to have been met, the preferential risk weighting is determined on the basis of the corresponding Credit Quality Step of the issue in accordance with Article 129(4) CRR, assuming that at least one ECAI rating assessment is available. Accordingly, covered bonds that qualify for Credit Quality Step 1 can benefit from a preferential risk weighting of 10%. If, on the other hand, the creditworthiness of a covered bond corresponds only to Credit Quality Step 2, the risk weighting increases to 20%. This also applies to bonds that qualify for Credit Quality Step 3.

Risk weighting of covered bonds according to Article 129(4) CRR: necessary conditions met; ECAI rating

Credit Quality Step	Covered bond rating			Risk weighting of covered bonds; with rating
	Fitch / S&P	Moody's	DBRS	
1	AAA to AA-	Aaa to Aa3	AAA to AA (low)	10%
2	A+ to A-	A1 to A3	A (high) to A (low)	20%
3	BBB+ to BBB-	Baa1 to Baa3	BBB (high) to BBB (low)	20%
4	BB+ to BB-	Ba1 to Ba3	BB (high) to BB (low)	50%
5	B+ to B-	B1 to B3	B (high) to B (low)	50%
6	≤CCC+	≤Caa1	≤CCC (high)	100%

Source: Regulation 2016/1799, CRR, NORD/LB Markets Strategy & Floor Research

Unrated bonds can also benefit from preferential risk weighting

If a covered bond meets the requirements i) to iii) of the previous paragraph, but does not have a rating by a recognised ECAI, this does not automatically result in an increased risk weighting for the bond. Instead, the senior unsecured credit rating of the issuer must be taken into account in this case. For this purpose, the corresponding Credit Quality Step of unsecured risk positions is first determined and then the relevant covered bond risk weighting is derived from this step. It follows that, in the event that senior unsecured bonds and covered bonds are assigned to the same Credit Quality Step, there will be no regulatory disadvantage due to the lack of rating assessment.

Risk weighting of covered bonds according to Article 129(5) CRR: necessary conditions met; no ECAI rating

Credit Quality Step	Senior unsecured rating			Risk weighting senior unsecured		Risk weighting of covered bonds; without rating
	Fitch / S&P	Moody's	DBRS			
1	AAA to AA-	Aaa to Aa3	AAA to AA (low)	20%	→	10%
2	A+ to A-	A1 to A3	A (high) to A (low)	50%	→	20%
3	BBB+ to BBB-	Baa1 to Baa3	BBB (high) to BBB (low)	50%	→	20%
4	BB+ to BB-	Ba1 to Ba3	BB (high) to BB (low)	100%	→	50%
5	B+ to B-	B1 to B3	B (high) to B (low)	100%	→	50%
6	≤CCC+	≤Caa1	≤CCC (high)	150%	→	100%

Source: Regulation 2016/1799, CRR, NORD/LB Markets Strategy & Floor Research

Risk weighting of covered bonds according to Articles 120 and 121 CRR: necessary conditions not met

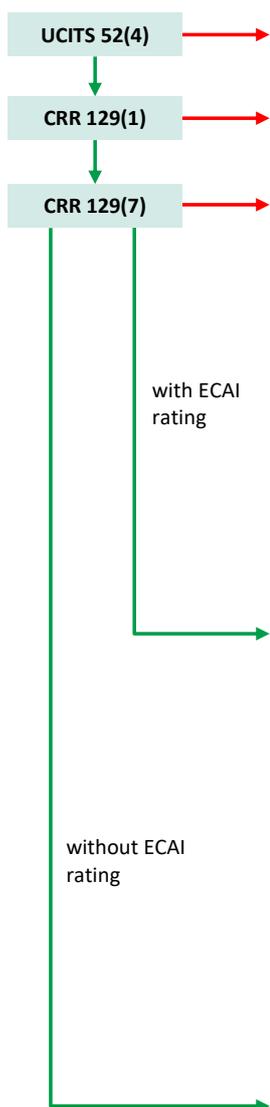
Credit Quality Step	Covered bond or sovereign rating			Risk weighting of covered bonds; with rating, Art. 120	Risk weighting of covered bonds; without rating, Art. 121
	Fitch / S&P	Moody's	DBRS		
1	AAA to AA-	Aaa to Aa3	AAA to AA (low)	20%	20%
2	A+ to A-	A1 to A3	A (high) to A (low)	50%	50%
3	BBB+ to BBB-	Baa1 to Baa3	BBB (high) to BBB (low)	50%	100%
4	BB+ to BB-	Ba1 to Ba3	BB (high) to BB (low)	100%	100%
5	B+ to B-	B1 to B3	B (high) to B (low)	100%	100%
6	≤CCC+	≤Caa1	≤CCC (high)	150%	150%

Source: Regulation 2016/1799, CRR, NORD/LB Markets Strategy & Floor Research

Failure to meet the necessary conditions leads to a risk weighting of at least 20%

In addition to the two possibilities that the necessary conditions of Article 52(4) of the UCITS Directive and those of Article 129(1) and (7) of the CRR are met, and (i) an assessment by an ECAI is available, or (ii) such an assessment is not available, there is also a classification system in the event that at least one of the three conditions is not met. This is relevant, for example, to issues from outside the EEA, where UCITS compliance does not exist. In this case, too, rating assessments play a crucial role and have a significant influence on the risk weighting to be applied. The decisive factor in this respect is no longer Article 129 CRR, but [Articles 120 and 121 CRR](#). The risk weighting must be determined on the basis of Article 120 if at least one ECAI assessment is available, while Article 121 deals with positions without an ECAI rating. Article 120 also makes a distinction between positions with a residual maturity of more than three months and those with a shorter maturity. Due to the long-term nature of covered bonds, however, we will only look at determining the risk weighting for maturities of more than three months. Covered bonds that do not meet the requirements of the three necessary conditions have a risk weighting of 20% if they have at least one recognised rating assessment at Credit Quality Step 1. This is also the lowest possible risk weighting for non-EEA bonds. If, on the other hand, an ECAI rating assessment is not available for the covered bonds, the relevant risk weighting is determined on the basis of the Credit Quality Step of the central government in which the issuer is domiciled; the risk weighting is higher compared with exposures to central governments in the investment-grade segment.

Determining covered bond risk weights



Risk weighting of covered bonds according to Articles 120 and 121 CRR: necessary conditions <u>not</u> met; <u>with or without</u> ECAI rating			
Credit Quality Step	Rating	Risk weighting of covered bonds; with rating	Risk weighting of covered bonds; without rating
1	AAA and AA segment	20%	20%
2	A segment	50%	50%
3	BBB segment	50%	100%
4	BB segment	100%	100%
5	B segment	100%	100%
6	≤CCC segment	150%	150%

Risk weighting of covered bonds according to Article 129(4) CRR: necessary conditions <u>met</u> ; <u>with</u> ECAI rating		
Credit Quality Step	Covered bond rating	Risk weighting of covered bonds; with rating
1	AAA and AA segment	10%
2	A segment	20%
3	BBB segment	20%
4	BB segment	50%
5	B segment	50%
6	≤CCC segment	100%

Risk weighting of covered bonds according to Article 129(5) CRR: necessary conditions <u>met</u> ; <u>without</u> ECAI rating			
Credit Quality Step	Senior unsecured rating	Risk weighting senior unsecured	Risk weighting of covered bonds; without rating
1	AAA and AA segment	20%	→ 10%
2	A segment	50%	→ 20%
3	BBB segment	50%	→ 20%
4	BB segment	100%	→ 50%
5	B segment	100%	→ 50%
6	≤CCC segment	150%	→ 100%

Source: Regulation 2016/1799, CRR, NORD/LB Markets Strategy & Floor Research

Covered bonds within the framework of LCR management

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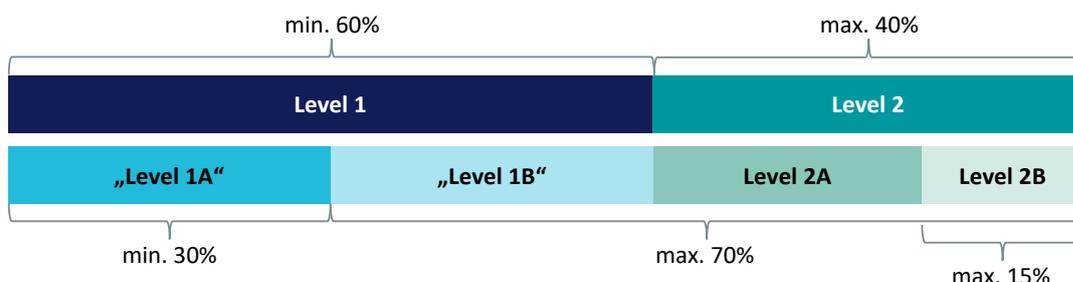
The LCR as liquidity coverage ratio in a stress scenario

Based on the CRR, the liquidity coverage ratio (LCR) requires credit institutions to hold high-quality liquid assets (HQLA) to compensate for potential net liquidity outflows within a 30-day stress scenario. The relevant requirements for this are laid down in [Delegated Regulation 2015/61](#); in particular, they specify the eligible assets and the structure of the liquidity buffer. Firstly, a distinction is made between Level 1 and Level 2 assets. Within Level 2, a further distinction is made between Level 2A and Level 2B assets. In addition to the allocation of eligible assets to the aforementioned Level categories, the market values of eligible assets are subject to haircuts in some cases; these are higher for units in undertakings for collective investment (UCI) ([see table: Eligible assets](#)).

LCR portion of covered bonds limited to 70%

With regard to the composition of the LCR portfolio, the requirements stipulate that at least 60% of the liquidity buffer must consist of Level 1 assets. Conversely, it follows that the proportion of Level 2 assets may not exceed 40%. In addition to this initially rough subdivision of the LCR portfolio, there are further restrictions on both Level 1 and Level 2. For example, at least 30% of the overall portfolio must consist of Level 1 assets, but these may not be Level 1 covered bonds. In market practice, a distinction is sometimes made within Level 1 between Level 1A and Level 1B assets (Level 1 covered bonds, since a haircut is mandatory), even if a linguistic distinction of this type does not exist either under the CRR or the LCR Regulation. Since Level 2B assets may account for not more than 15% of the total liquidity buffer, a distinction is also made within Level 2 with regard to the maximum proportion of the overall LCR portfolio. When using covered bonds in the LCR context, it can therefore be stated that they may total a maximum of 70% of the LCR portfolio. As no more than 40% of the total liquidity buffer may consist of Level 2 assets, 30% of the overall portfolio must comprise Level 1 covered bonds. In addition, a maximum of 15% of the assets may be covered bonds that comply with Level 2B according to the provisions of the Regulation.

Structure of the LCR portfolio



Source: LCR Regulation, NORD/LB Markets Strategy & Floor Research

Dynamic criteria for covered bonds under the LCR

While a large proportion of the assets eligible for LCR management are classified statically, covered bonds are subject to dynamic criteria. Over time, the allocation of an issue to a specific Level category may change, which in turn may lead to the need for constant monitoring. In practice, fulfilment of the transparency criteria laid down in [Article 129\(7\) of the Capital Requirements Regulation \(CRR\)](#) turns out to be the trouble spot. This is because an extensive audit must be carried out at least every six months on the investor side, in contrast to the criterion of over-collateralisation, for example. In addition to reviewing the information provided in cover pool reporting on outstanding covered bonds and their cover pools, the relevant [ratings](#) should also be constantly monitored with regard to the dynamic criteria for covered bonds, as rating changes of just one notch may have a direct impact on the LCR classification. In addition to the change in a rating, the addition or discontinuation of a rating assessment can also have an impact on the LCR classification. This is why we use not only the ratings of [Moody's](#), [Fitch](#) and [S&P](#), but also those of [DBRS](#).

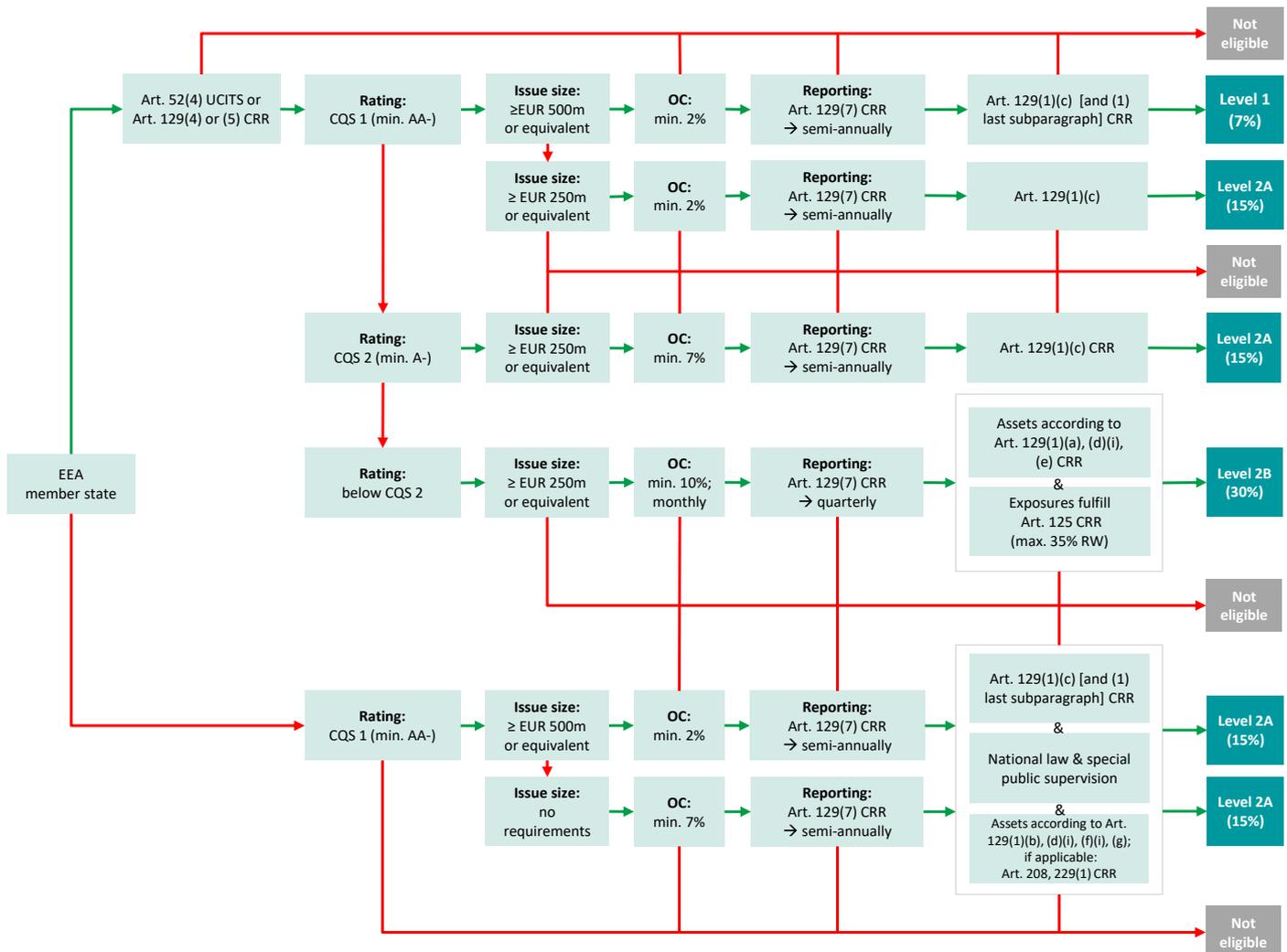
Table summarising the regulatory classification of covered bonds

In this study, we analyse the bonds listed in iBoxx EUR Covered and assign them to the LCR category that we believe to be relevant. We also assign them to the resulting haircut. For this purpose, we have reviewed the relevant pool reports to ensure that their content is complete on the basis of the provisions in Article 129(7) CRR and have summarised the results initially at [programme level](#). In addition to the links to the relevant reports on the issuers' websites, the list also includes the ratings provided by the rating agencies mentioned in the previous section, a statement on the legal framework for the issue, and the over-collateralisation of the relevant programme. Lastly, an even [more detailed overview](#) is provided by a table which, in addition to our assessment of the LCR level and the risk weighting according to CRR, contains further information at ISIN level. Since the Credit Quality Step (CQS) of the respective bond is relevant to assessing both the LCR level and the risk weighting, an assessment of this is also included in the list. In addition to the outstanding volume and the type of cover assets, the table also contains the repayment structure for a covered bond, including the possible maturity extension and the coupon payment during the extension period. While some privileges of covered bonds can be derived from the affiliation of the particular jurisdiction to a community of states, affiliations of this nature also result in obligations for national legislators. For example, issues from the European Economic Area (EEA) benefit from preferential regulatory treatment, while under CBPP3, only bonds from the Eurozone that meet certain requirements are purchased. At the same time, the member states of the EEA are obliged to implement certain regulatory requirements, for example in relation to harmonisation of the European covered bond market. For this reason, in the table below, we show the affiliation of an issue or issuer to the jurisdiction of the European Central Bank (Eurozone), to the European Economic Area and to the G10 countries (relevant, among other things, for repo eligibility in transactions with the ECB).

Numerous criteria for eligible covered bonds

As mentioned above, covered bonds may in principle reach any of the three LCR levels. At all events, there are numerous criteria that an issue must meet in order to achieve the status of an eligible asset. While non-compliance with some criteria automatically results in exclusion from eligible assets, other requirements take the form of scores or tiers. For example, covered bonds whose reporting does not comply with Article 129(7) CRR may under no circumstances be used as LCR assets. With regard to the issue volume or rating assessment, in contrast, the LCR system stipulates requirements in tiered form. This results in numerous paths on the way to the final LCR assessment of an issue. In order to approach this quite complex procedure, we will deal in the following with each of the eligibility criteria, which we have presented graphically in the form of a decision tree.

LCR classification of rated covered bonds



Source: LCR Regulation, NORD/LB Markets Strategy & Floor Research

General distinction between EEA and non-EEA bonds

The requirements to be met by Level 1, Level 2A and Level 2B assets can be found in [Articles 10 to 12 of the LCR Regulation](#). Since the requirements of the Delegated Regulation are EEA-relevant, a general distinction is also made in the requirements for covered bonds between issues from the EEA and those issued by entities from third countries. For example, EEA bonds can generally be considered both as Level 1 assets and as the two subdivisions of Level 2. Covered bonds from third countries can only be assigned to Level 2A if they are eligible as LCR assets.

Article 52(4) UCITS Directive, Article 129(4) CRR and Article 129(5) CRR

Covered bonds from member states of the EEA must qualify for treatment under [Article 52\(4\) of the UCITS Directive](#) (Undertakings for Collective Investment in Transferable Securities, UCITS) or under [Article 129\(4\) or 129\(5\) CRR](#) in order to be eligible as an LCR asset. Article 52(4) of the UCITS Directive defines requirements to be met by bonds, according to which investment funds may hold a higher proportion of these securities in the fund's assets if certain conditions are met:

- i) The issuer is domiciled in the European Economic Area,
- ii) The issuer is subject to special public supervision,
- iii) The proceeds from the bond issue are invested in assets that adequately cover the liabilities arising from the bond during its entire term,
- iv) The assets are used primarily to service bond creditors in the event of issuer default.

In contrast, paragraphs 4 and 5 of Article 129 CRR describe the requirements to be met by covered bonds in order to benefit from a preferential risk weighting. Paragraph 4 deals with bonds that have a rating assessment, while paragraph 5 deals with bonds that do not have a rating. If a covered bond issued in the EEA does not meet the requirements of Article 52(4) of the UCITS Directive, Article 129(4) or Article 129(5) of the CRR, it cannot be used as HQLA in the context of LCR management.

Article 129(1)(c) CRR and Article 129(1) last subparagraph CRR

Article 129(1)(c) CRR is part of the requirements for eligible cover assets. Specifically, this concerns substitute assets in the form of exposures to credit institutions, which are generally limited to 15% of the outstanding covered bond volume. Exposures to institutions that qualify for Credit Quality Step 1 (CQS 1) are generally permitted. Exposures to institutions domiciled in the EEA with a maturity not exceeding 100 days are exempt from the credit quality requirements of CQS 1, but must as a minimum qualify for Credit Quality Step 2 (CQS 2). With the exception of Level 2B assets (where even stricter requirements apply), covered bonds must meet this requirement in order to be eligible as an LCR asset. The last subparagraph of Article 129(1) of the CRR is also relevant to Level 1 assets and assets from outside the EEA. This provision constitutes an exception, and consequently an easing of the requirements, with regard to Article 129(1)(c) of the CRR. As a result, after consultation with the EBA, the necessary condition that assets must comply with CQS 1 may be suspended. CQS 2 assets may account for up to 10% of the outstanding covered bonds if the requirement of Article 129(1)(c) would lead to a concentration risk, due to insufficient availability of potential assets within the Member State concerned.

Article 129(7) CRR: transparency requirements for covered bond programmes

The requirements laid down in Article 129(7) CRR relating to cover pool reporting must be met in order for the corresponding covered bonds to be used as HQLA in the context of LCR management. In order to benefit from preferential regulatory treatment, a covered bond investor must be able to demonstrate to the relevant supervisory authority that it has a minimum level of information regarding its investment. Accordingly, cover pool reporting must include at least the following information:

- i) Value of the cover pool and outstanding covered bonds,
- ii) The geographical distribution and type of cover assets, loan size, interest rate and currency risks,
- iii) The maturity structure of cover assets and covered bonds,
- iv) The percentage of loans more than ninety days past due.

In addition, this information must be provided at least semi-annually. In the case of Level 2B assets that have a rating below Credit Quality Step 2 or no rating assessment, reports must even be provided on a quarterly basis.

Credit Quality Steps as a vehicle for assessing creditworthiness

Rating assessments play a particularly important role in determining the LCR level of covered bonds. Credit assessments are taken into account with the help of the Credit Quality Step system, which is defined in [Regulation 2016/1799](#). A total of six different credit rating categories are assigned through ratings issued by recognised [External Credit Assessment Institutions \(ECAI\)](#) (see also: [Mapping of rating assessments](#)). While categories 1 to 3 are assigned to the investment grade segment, categories 4 to 6 are used for non-investment grade credit ratings. In principle, risk positions may have more than one ECAI rating. This means that if more than one rating is used to determine the Credit Quality Step, further mapping actions are necessary. Irrespective of the number of available ratings, [Article 138 CRR](#) is key to determining the Credit Quality Step. If two ECAI ratings are available for a risk position, the applicable rating shall be the one resulting in the higher of the two possible risk weightings, if the two ratings differ. A higher risk weighting is equivalent to a lower credit rating. In this respect, we understand an AA-equivalent rating to be lower than an AAA-equivalent rating. If more than two ratings are available for a risk position, the two ratings resulting in the lowest risk weighting, i.e. the two highest ratings, are applicable. If these two assessments differ from each other, the Credit Quality Step is determined on the basis of the rating (out of these two ratings) that results in the higher risk weighting. It follows from the requirements of Article 138 CRR that only the two highest ratings, if available, are relevant to determining the Credit Quality Step, even if a position has more than two recognised ratings. The resulting simplification of CQS provisions is shown in the following table; no distinction is made with regard to the rating grades of individual agencies. Mapping of these equivalence ratings is shown in the [Mapping of rating assessments](#) table.

Determining the Credit Quality Step for more than one recognised rating assessment

Rating 1 \ Rating 2		CQS 1				CQS 2			CQS 3		
		AAA	AA+	AA	AA-	A+	A	A-	BBB+	BBB	BBB-
CQS 1	AAA	Credit Quality Step 1				Credit Quality Step 2			Credit Quality Step 3		
	AA+										
	AA										
	AA-										
CQS 2	A+	Credit Quality Step 2				Credit Quality Step 2			Credit Quality Step 3		
	A										
	A-										
CQS 3	BBB+	Credit Quality Step 3				Credit Quality Step 3			Credit Quality Step 3		
	BBB										
	BBB-										

Source: Regulation 2016/1799, NORD/LB Markets Strategy & Floor Research

LCR-eligible covered bonds and credit assessments

As regards ratings, covered bonds also have to fulfil certain requirements in order to be deemed LCR-eligible. Only level 2B covered bonds are not subject to any requirements in terms of credit ratings. For the remaining levels, a distinction can firstly be made between covered bonds with or without a corresponding ECAI rating. Especially when combined with the issuance volume requirements for LCR-eligible covered bonds, it can be said that unrated covered bonds in the publicly placed benchmark/sub-benchmark bond segment are comparatively rare. However, the LCR directive does provide an option for acquiring status as an LCR asset in these cases. Given the limited prevalence of such securities, we shall look at the system for unrated papers in the next but one paragraph, merely for the sake of completeness, and then, for reasons of market practice, concentrate solely on rated covered bonds.

Rating requirements for covered bonds with ECAI rating

With regard to the rating requirements for covered bonds, a fundamental distinction must first be made between issues from third countries and those from the EEA. While covered bonds issued by a third country issuer must comply with Credit Quality Step 1 in order to be classified as an eligible asset for the purposes of LCR management, EEA bonds are not subject to a mandatory requirement of this type. Instead, in the case of issues from the EEA, creditworthiness is taken into account as a criterion in three tiers. In order to be classified as a Level 1 asset, bonds must meet the requirements of CQS 1. Nevertheless, being included as a CQS 1 asset does not automatically lead to classification as a Level 1 asset, as the issue must also have a volume of at least EUR 500m and feature overcollateralisation of 2%. If, on the other hand, it is a sub-benchmark issue (EUR 250m ≤ bond < EUR 500m), a CQS 1 assessment only results in Level 2A classification. The same applies to CQS 2 sub-benchmarks that are overcollateralised by a minimum of 7% instead of 2%. Covered bonds with a rating below Credit Quality Step 2 or without a rating can only be assigned to Level 2B.

Requirements for covered bonds without an ECAI rating

Covered bonds without an ECAI rating can also be classified as LCR level under certain conditions. In the event that an issue does not have an ECAI rating, the [LCR directive](#) always refers to Article 129(5) CRR, which is used to [determine the risk weightings of unrated covered bonds](#). In our opinion, however, in the case of determining the LCR level, Article 129(5) CRR must be considered separately from the other requirements of Article 129 CRR, since this Article is also decisive for covered bonds from third countries. Risk weights continue to be determined based on Article 129 CRR as a whole. If an EEA issue does not have a rating, but meets the other requirements, the bond can still be classified as level 1 if it is assigned a risk weighting of 10% according to the provisions of Article 129(5) CRR. A preferential risk weighting of 10% therefore acts as a substitute for a CQS 1 ECAI rating. The same applies to issues from third countries, since they also have to conform to CQS 1 for this rating, but, compared with EEA bonds, can only reach level 2A. Conversely, if a rating is required that can at least be attributed to CQS 2, an unrated covered bond must be assigned a risk weighting of 20% under Article 129(5).

Issue volume: different treatment of EEA and non-EEA bonds

Certain requirements must also be met with regard to the issue volume of a bond, but these also have different implications. For example, in order to be Level 1 eligible, the issue size of EEA bonds must be at least EUR 500m or its equivalent in foreign currency. In order to remain eligible as a Level 2 (2A or 2B) asset, the volume must be at least EUR 250m or equivalent. Conversely, bonds issued by issuers domiciled outside the EEA are not subject to any special issue volume requirements. In the case of issues with an equivalent volume of at least EUR 500m, however, they benefit from preferential treatment with regard to the required overcollateralisation (2% overcollateralisation instead of 7%). While EEA bonds must therefore have a minimum volume of EUR 250m in order to be recognised as an LCR asset, this requirement does not apply to covered bonds from third countries. In general, all requirements relating to the issue volume refer to a figure that is equivalent to the required EUR volume.

Overcollateralisation: three different minimum levels of overcollateralisation

As the core characteristic of a covered bond, great importance is attached to the level of overcollateralisation, also in relation to its eligibility as an LCR asset. The LCR Regulation distinguishes between the three overcollateralisation levels: i) 2%, ii) 7% and iii) 10%. A minimum overcollateralisation of 2% is required in cases where the issue volume of EEA and non-EEA CQS 1 bonds is at least EUR 500m. In addition, CQS 2 sub-benchmarks from the EEA are also LCR-eligible, starting from an overcollateralisation rate of 2%. However, if the volume required for non-EEA bonds is less than EUR 500m, overcollateralisation of 7% is required. The same applies to EEA bonds of CQS 2 level that are assigned to the sub-benchmark format. Since Level 2B covered bonds, as mentioned above, do not necessarily need to have a rating assessment, these assets are subject to increased requirements. In addition to quarterly reporting, they must also have overcollateralisation of at least 10%. Furthermore, compliance with the overcollateralisation requirement must be disclosed by the issuer on a monthly basis.

Special requirements for third-country issues

Non-EEA bonds, like Level 2B covered bonds, must meet additional requirements to be recognised as an LCR asset. Article 11 of the LCR Regulation stipulates that bonds from outside the EEA must be issued in accordance with the national legislation of the third country. The issuer must also be a credit institution or a wholly owned subsidiary of a credit institution which guarantees the issue. In addition, the bond must have dual recourse, i.e. enable investors to have recourse to the cover pool in the event of the issuer's insolvency. In addition, the issuer and the covered bonds must be subject to separate supervision; these arrangements must be at least equivalent to those applied in the EEA. Like Level 1 and 2A EEA bonds, third-country issues must meet the requirements of Article 129(1)(c) CRR, but at the same time, like Level 1 covered bonds, may also benefit from the exemptions in the last subparagraph of Article 129(1). In addition, cover assets for bonds not issued in the EEA are limited to assets referred to in Article 129(1)(b), (d)(i), (f)(i) and (g). While section (d)(i) is already relevant to Level 2B covered bonds, the remaining sections are requirements that must be met solely by non-EEA bonds. Overall, in addition to the assets referred to in Article 129(1)(c) and (1) last subparagraph, the eligible cover assets of issues from third countries include residential property (section d(i)), commercial immovable property (section f(i)) and loans secured by maritime liens on ships (section g). Collateralisation by public-sector collateral is also possible and follows the requirements specified in Article 129(1)(b). Accordingly, exposures to central governments and central banks from third countries, multilateral development banks and international organisations that qualify for Credit Quality Step 1 are eligible, as well as risk positions guaranteed by these institutions. In addition, exposures to public sector entities as well as regional or local authorities are also eligible if they meet further requirements. If, on the other hand, risk positions that qualify as Credit Quality Step 2 are involved, the share of these assets is limited to 20% of the cover pool. Where cover assets are loans secured by immovable property, the requirements of Articles 208 and 229(1) CRR must also be met.

Additional requirements for Level 2B covered bonds

Although Level 2B covered bonds are regarded as HQLA, they differ from Level 1 and 2A assets in terms of quality and/or liquidity. This is why the regulator has formulated additional requirements in this regard. As a result, the cover assets in question are limited to those referred to in Article 129(1)(a), (d)(i) and (e). Paragraph 1(a) includes exposures to the public sector within Member States, consisting of (i) central governments; (ii) ESCB central banks (European System of Central Banks); (iii) public sector entities; or (iv) regional governments or local authorities. Furthermore, these assets are eligible as cover assets for Level 2B covered bonds that are guaranteed by one of the aforementioned institutions. For covered bonds backed by residential property assets, Article 129(1)(d)(i) is also relevant as it lays down the requirements for this form of cover asset. Section (e) also deals with requirements to be met by residential property assets. EEA covered bonds with a rating lower than CQS 2 (or without a rating) may additionally only have cover assets that allow a risk weighting of 35% or lower. Article 125 CRR allows a 35% risk weighting for exposures that are fully collateralised by residential property which is or shall be occupied or let by the owner.

LCR management: eligible assets: Level 1

Level 1 assets (in accordance with Article 10 LCR Regulation)		Haircut (for units in UCIs)
a)	Coins and banknotes	- (-)
b)	Following exposures to central banks: <ul style="list-style-type: none"> i) Assets representing claims on or guaranteed by the ECB or an EEA member state's central bank ii) Assets representing claims on or guaranteed by central banks of third countries, provided that they are rated as Credit Quality Step 1 by ECAI iii) Reserves held by the credit institution in a central bank referred to in points (i) and (ii) provided that the credit institution is permitted to withdraw such reserves at any time during stress periods and the conditions for such withdrawal have been specified in an agreement between the relevant competent authority and the ECB or the central bank 	- (-)
c)	Assets representing claims on or guaranteed by the following central or regional governments, local authorities or public sector entities: <ul style="list-style-type: none"> (i) Central government of an EEA member state (ii) Central government of a third country, provided that it is rated at least Credit Quality Step 1 by ECAI (iii) Regional governments or local authorities or public sector entities in an EEA member state, provided that they are treated as exposures to the central government of the EEA member state (i.e. risk weighting of 0%) (iv) Regional governments or local authorities in a third country of the type referred to in (ii), provided that they are treated as exposures to the central government of the third country (i.e. same risk weighting as central government [0%]) (v) Public sector entities, provided that they are treated as exposures to the central government of an EEA member state or to one of the regional governments or local authorities referred to in (iii) (i.e. same risk weighting of 0%) 	- (5%)
d)	Assets representing claims on or guaranteed by the central government or the central bank of a third country with a lower rating than AA-, provided certain conditions are met	- (5%)
e)	Assets issued by credit institutions which meet at least one of the following requirements: <ul style="list-style-type: none"> (i) The issuer is a credit institution incorporated or established by the central government of an EEA member state or the regional government or local authority in an EEA member state, the government or local authority is under the legal obligation to protect the economic basis of the credit institution and maintain its financial viability throughout its life-time and any exposure to that regional government or local authority, if applicable, is treated as an exposure to the central government of the EEA member state (i.e. risk weighting of 0%); (ii) The credit institution provides promotional loans, within the meaning of Article 10(1)(e)(ii). 	-(5%)
f)	Certain covered bonds from the EEA which meet the following criteria, among other requirements: <ul style="list-style-type: none"> i) Covered bonds within the meaning of Article 52(4) of the UCITS Directive or Article 129(4) or (5) CRR ii) Substitute Assets meet the requirements of Article 129(1)(c) and 129(1) last subparagraph iii) Semi-annual reporting in accordance with Article 129(7) CRR iv) Issue size of at least EUR 500m or the equivalent amount in domestic currency v) Rating: CQS 1 by ECAI; no Rating: 10% risk weight according to Art. 129(5) CRR vi) Overcollateralisation of at least 2% 	7% (12%)
g)	Assets representing claims on or guaranteed by the multilateral development banks and the international organisations referred to in Article 117(2) and Article 118, respectively, of Regulation (EU) No. 575/2013	- (5%)

LCR management: eligible assets: Level 2A and 2B

Level 2A assets (in accordance with Article 11 LCR Regulation)		Haircut (for units in UCIs)
a)	Assets representing claims on or guaranteed by regional governments, local authorities or public sector entities in an EEA member state, where exposures to them are assigned a risk weighting of 20%	15% (20%)
b)	Assets representing claims on or guaranteed by the central government or the central bank of a third country or by a regional government, local authority or public sector entity in a third country, where exposures to them are assigned a risk weighting of 20%	15% (20%)
c)	Certain covered bonds from the EEA which meet the following criteria, among other requirements: <ul style="list-style-type: none"> i) Covered bonds within the meaning of Article 52(4) UCITS or Article 129(4) or (5) CRR ii) Substitute assets meet the requirements of Article 129(1)(c) CRR iii) Semi-annual reporting in accordance with Article 129(7) CRR iv) Issue size of at least EUR 250m or the equivalent amount in domestic currency v) Rating: min. CQS 2 by ECAI; no Rating: 20% risk weight according to Art. 129(5) CRR vi) Overcollateralisation of at least 7%; min. 2% if CQS 1 rating is applicable 	15% (20%)
d)	Certain covered bonds issued by credit institutions in third countries which meet the following criteria, among other requirements: <ul style="list-style-type: none"> i) Issued by a credit institution in accordance with the national law of the third country ii) Issuer and bonds are subject to special public supervision equivalent to that applied in the EEA iii) Cover assets comply with Article 129(1)(b), (d)(i), (f)(i) or (g) CRR iv) Substitute assets meet the requirements of last subparagraph in Article 129(1)(c) and 129(1) CRR v) Semi-annual reporting in accordance with Article 129(7) CRR vi) Rating: CQS 1 by ECAI; no Rating: 10% risk weight according to Art. 129(5) CRR vii) Overcollateralisation of at least 7%; minimum 2% with value of at least EUR 500m or equivalent 	15% (20%)
e)	Corporate bonds which meet all of the following requirements: <ul style="list-style-type: none"> (i) Minimum rating: Credit Quality Step 1 by ECAI (ii) Issue size of at least EUR 250m or equivalent in domestic currency (iii) Residual term to maturity of the securities at the time of issuance is max. 10 years 	15% (20%)
Level 2B assets (in accordance with Article 12 LCR Regulation)		Haircut (for units in UCIs)
a)	Exposures in the form of ABS under certain conditions	25/35% (30/40%)
b)	Corporate bonds which meet all of the following requirements: <ul style="list-style-type: none"> (i) Minimum rating: Credit Quality Step 3 by ECAI (ii) Issue size of at least EUR 250m or equivalent in domestic currency (iii) Residual term to maturity of the securities at the time of issuance is max. 10 years 	50% (55%)
c)	Shares, provided that they meet certain conditions	50% (55%)
d)	Restricted-use committed liquidity facilities provided by the ECB, the central bank of an EEA member state or, under certain conditions, a third country	-
e)	Certain covered bonds from the EEA which meet the following criteria, among other requirements: <ul style="list-style-type: none"> i) Covered bonds within the meaning of Article 52(4) UCITS or Article 129(4) or (5) CRR ii) Quarterly reporting in accordance with Article 129(7) CRR iii) Issue size of at least EUR 250m or the equivalent amount in domestic currency iv) Cover assets comply with Article 129(1)(a), (d)(i) or (e) CRR v) Cover assets are assigned a risk weighting of max. 35% in accordance with Art. 125 CRR vi) Monthly disclosure regarding overcollateralisation of min. 10% 	30% (35%)
f)	Exemption for religiously observant credit institutions: certain non-interest-bearing assets	50% (55%)

Mapping of rating assessments

	Long-term Ratings				Credit	Credit	Credit
	Fitch	S&P	Moody's	DBRS	Quality Step gem. CRR ¹	Quality Step gem. EZB ²	Quality Step gem. Solvency II ³
Investment Grade	AAA	AAA	Aaa	AAA	CQS 1	CQS 1	CQS 0
	AA+	AA+	Aa1	AA (high)			
	AA	AA	Aa2	AA			
	AA-	AA-	Aa3	AA (low)			
	A+	A+	A1	A (high)	CQS 2	CQS 2	CQS 2
	A	A	A2	A			
	A-	A-	A3	A (low)			
	BBB+	BBB+	Baa1	BBB (high)	CQS 3	CQS 3	CQS 3
BBB	BBB	Baa2	BBB				
BBB-	BBB-	Baa3	BBB (low)				
Non- Investment Grade	BB+	BB+	Ba1	BB (high)	CQS 4	CQS 4	CQS 4
	BB	BB	Ba2	BB			
	BB-	BB-	Ba3	BB (low)			
	B+	B+	B1	B (high)	CQS 5	CQS 5	CQS 5
	B	B	B2	B			
	B-	B-	B3	B (low)			
	CCC+	CCC+	Caa1	CCC (high)	CQS 6	CQS 6	CQS 6
	CCC	CCC	Caa2	CCC			
	CCC-	CCC-	Caa3	CCC (low)			
	CC	CC	Ca	CC (high)			
				CC			
				CC (low)			
C	C	C	C (high)				
			C				
RD/D	SD/D		C (low)				
			D				

Ratingergänzungen

*	Review with direction uncertain	e	Expected rating
*+	Review for possible upgrade	WD	Withdrawn
*-	Review for possible downgrade	WR	Withdrawn
u	Unsolicited	NR	Not rated
(P)	Provisional / Preliminary		

¹ [Artikel 136 Verordnung \(EU\) Nr. 575/2013 \(CRR\)](#), [Verordnung \(EU\) 2016/1799](#)

² [Leitlinie \(EU\) 2015/510](#), <https://www.ecb.europa.eu/paym/coll/risk/ecaf/html/index.en.html>

³ [Artikel 109a Richtlinie 2009/138/EG \(Solvency II\)](#), [Verordnung \(EU\) 2016/1800](#)

Regulatory classification: issuers (iBoxx EUR Covered)

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Australia	Cover Pool	Rating (Fitch/Moody's/S&P/DBRS)	OC	Law	Art. 129(7) CRR	LCR level / Haircut
AUST & NZ BANKING GROUP	Mortgages	AAA / Aaa / - / -	77.0%	✓	✓	Level 2A / 15%
BANK OF QUEENSLAND LTD	Mortgages	AAA / Aaa / - / -	20.7%	✓	✓	Level 2A / 15%
COMMONWEALTH BANK AUST	Mortgages	AAA / Aaa / - / -	13.7%	✓	✓	Level 2A / 15%
NATIONAL AUSTRALIA BANK	Mortgages	AAA / Aaa / - / -	23.6%	✓	✓	Level 2A / 15%
WESTPAC BANKING CORP	Mortgages	AAA / Aaa / - / -	36.6%	✓	✓	Level 2A / 15%
Austria	Cover Pool	Rating (Fitch/Moody's/S&P/DBRS)	OC	Law	Art. 129(7) CRR	LCR level / Haircut
BAWAG P.S.K.	Mortgages	- / Aaa / - / -	13.0%	✓	✓	Level 1 / 7%
	Public Loans	- / Aaa / - / -	7.0%	✓	✓	Level 1 / 7%
ERSTE GROUP BANK AG	Mortgages	- / Aaa / - / -	43.4%	✓	✓	Level 1 / 7%
	Mortgages	- / Aa1 / - / -	52.4%	✓	✓	Level 1 / 7%
HYPO NOE LB NOE WIEN AG	Public Loans	- / Aa1 / - / -	38.5%	✓	✓	Level 1 / 7%
HYPO TIROL BANK AG	Mortgages	- / Aa1 / - / -	19.9%	✓	✓	Level 1 / 7%
HYPO VORARLBERG BANK AG	Mortgages	- / Aaa / - / -	34.2%	✓	✓	Level 1 / 7%
RAIFFEISEN BANK INTL	Mortgages	- / Aa1 / - / -	38.9%	✓	✓	Level 1 / 7%
RAIFFEISEN LB NIEDEROEST	Mortgages	- / Aaa / - / -	57.2%	✓	✓	Level 1 / 7%
	Public Loans	- / Aaa / - / -	39.7%	✓	✓	Level 1 / 7%
RAIFFEISEN LB STEIERMARK	Mortgages	- / Aaa / - / -	57.0%	✓	✓	Level 1 / 7%
RAIFFEISEN LB VORARLBERG	Mortgages	- / Aaa / - / -	39.0%	✓	✓	Level 1 / 7%
RLB OBEROESTERREICH	Mortgages (Pool A)	- / Aaa / - / -	91.3%	✓	✓	Level 1 / 7%
UNICREDIT BK AUSTRIA AG	Mortgages	- / Aaa / - / -	88.3%	✓	✓	Level 1 / 7%
VOLKSBANK WIEN AG	Mortgages	- / Aaa / - / -	35.8%	✓	✓	Level 1 / 7%
Belgium	Cover Pool	Rating (Fitch/Moody's/S&P/DBRS)	OC	Law	Art. 129(7) CRR	LCR level / Haircut
ARGENTA SPAARBANK	Mortgages	- / - / AAA / -	21.9%	✓	✓	Level 1 / 7%
BELFIUS BANK SA/NV	Mortgages	AAA / - / AAA / -	20.5%	✓	✓	Level 1 / 7%
	Public Loans	- / Aaa / AAA / -	33.5%	✓	✓	Level 1 / 7%
BNP PARIBAS FORTIS SA	Mortgages	- / Aaa / AAA / -	29.5%	✓	✓	Level 1 / 7%
ING BELGIUM SA	Mortgages	AAA / Aaa / - / -	65.6%	✓	✓	Level 1 / 7%
KBC BANK NV	Mortgages	AAA / Aaa / - / -	32.9%	✓	✓	Level 1 / 7%
Canada	Cover Pool	Rating (Fitch/Moody's/S&P/DBRS)	OC	Law	Art. 129(7) CRR	LCR level / Haircut
BANK OF MONTREAL	Mortgages	AAA / Aaa / - / AAA	7.0%	✓	✓	Level 2A / 15%
BANK OF NOVA SCOTIA	Mortgages	AAA / Aaa / - / AAA	6.4%	✓	✓	Level 2A / 15%
CANADIAN IMPERIAL BANK	Mortgages	AAA / Aaa / - / -	7.4%	✓	✓	Level 2A / 15%
FED CAISSES DESJARDINS	Mortgages	AAA / Aaa / - / -	4.3%	✓	✓	Level 2A / 15%
NATIONAL BANK OF CANADA	Mortgages	AAA / Aaa / - / AAA	9.1%	✓	✓	Level 2A / 15%
ROYAL BANK OF CANADA	Mortgages	AAA / Aaa / - / AAA	7.7%	✓	✓	Level 2A / 15%
TORONTO-DOMINION BANK	Mortgages	- / Aaa / - / AAA	5.3%	✓	✓	Level 2A / 15%
Czechia	Cover Pool	Rating (Fitch/Moody's/S&P/DBRS)	OC	Law	Art. 129(7) CRR	LCR level / Haircut
KOMERCNI BANKA AS	Mortgages	AAA / - / - / -	25.0%	✓	✓	Level 1 / 7%
Denmark	Cover Pool	Rating (Fitch/Moody's/S&P/DBRS)	OC	Law	Art. 129(7) CRR	LCR level / Haircut
DANMARKS SKIBSKREDIT AS	Mortgages (Capital Centre A)	- / - / A / -	22.2%	✓	✓	Level 2A / 15%
DANSKE BANK A/S	Mortgages (Pool C)	AAA / - / AAA / -	36.7%	✓	✓	Level 1 / 7%
	Mortgages (Pool I)	AAA / - / AAA / -	19.6%	✓	✓	Level 1 / 7%

Denmark	Cover Pool	Rating (Fitch/Moody's/S&P/DBRS)	OC	Law	Art. 129(7) CRR	LCR level / Haircut
JYSKE REALKREDIT A/S	Mortgages (Pool E)	- / - / AAA / -	6.3%	✓	✓	Level 1 / 7%
Estonia	Cover Pool	Rating (Fitch/Moody's/S&P/DBRS)	OC	Law	Art. 129(7) CRR	LCR level / Haircut
LUMINOR BANK	Mortgages	- / Aa1 / - / -	388.9%	✓	✓	Level 1 / 7%
Finland	Cover Pool	Rating (Fitch/Moody's/S&P/DBRS)	OC	Law	Art. 129(7) CRR	LCR level / Haircut
AKTIA BANK	Mortgages (Pool 2)	- / Aaa / - / -	27.4%	✓	✓	Level 1 / 7%
DANSKE MORTGAGE BANK PLC	Mortgages	- / Aaa / - / -	40.6%	✓	✓	Level 1 / 7%
NORDEA KIINNITSLUOTTO	Mortgages	- / Aaa / - / -	16.7%	✓	✓	Level 1 / 7%
OP MORTGAGE BANK	Mortgages	- / Aaa / AAA / -	15.1%	✓	✓	Level 1 / 7%
SP KIINNITYSLUOTTOPANKKI	Mortgages	- / - / AAA / -	37.3%	✓	✓	Level 1 / 7%
France	Cover Pool	Rating (Fitch/Moody's/S&P/DBRS)	OC	Law	Art. 129(7) CRR	LCR level / Haircut
ARKEA HOME LOANS	Mortgages	AAA / Aaa / - / -	29.7%	✓	✓	Level 1 / 7%
ARKEA PUBLIC SECTOR SCF	Public Loans	- / Aaa / - / -	25.0%	✓	✓	Level 1 / 7%
AXA BANK EUROPE SCF	Mortgages	- / Aaa / - / -	21.2%	✓	✓	Level 1 / 7%
AXA HOME LOAN SFH	Mortgages	AAA / - / AAA / -	15.0%	✓	✓	Level 1 / 7%
BNP PARIBAS HOME LOAN CO	Mortgages	AAA / - / AAA / -	26.3%	✓	✓	Level 1 / 7%
BPCE SFH - SOCIETE DE FI	Mortgages	- / Aaa / AAA / -	18.6%	✓	✓	Level 1 / 7%
CAISSE FRANCAISE DE FIN	Public Loans	- / Aaa / AA+ / AAA	15.8%	✓	✓	Level 1 / 7%
CAISSE REFINANCE L'HABIT	Mortgages	AAA / Aaa / - / -	44.6%	✓	✓	Level 1 / 7%
CIE FINANCEMENT FONCIER	Mortgages	- / Aaa / AAA / -	20.5%	✓	✓	Level 1 / 7%
CRED MUTUEL HOME LOAN SF	Mortgages	AAA / Aaa / AAA / -	56.2%	✓	✓	Level 1 / 7%
CREDIT AGRICOLE HOME LOA	Mortgages	AAA / Aaa / AAA / -	46.3%	✓	✓	Level 1 / 7%
CREDIT AGRICOLE PUBLIC S	Public Loans	- / Aaa / AAA / -	51.8%	✓	✓	Level 1 / 7%
HSBC SFH FRANCE	Mortgages	- / Aaa / AAA / -	23.1%	✓	✓	Level 1 / 7%
LA BANQUE POST HOME LOAN	Mortgages	- / - / AAA / -	33.6%	✓	✓	Level 1 / 7%
MMB SCF	Mortgages	- / - / AAA / -	21.1%	✓	✓	Level 1 / 7%
SOCIETE GENERALE SCF	Public Loans	- / Aaa / AAA / -	29.2%	✓	✓	Level 1 / 7%
SOCIETE GENERALE SFH	Mortgages	AAA / Aaa / - / -	14.0%	✓	✓	Level 1 / 7%
Germany	Cover Pool	Rating (Fitch/Moody's/S&P/DBRS)	OC	Law	Art. 129(7) CRR	LCR level / Haircut
AAREAL BANK AG	Mortgages	- / Aaa / - / -	17.0%	✓	✓	Level 1 / 7%
BAUSPAR.SCHWAEBISCH HALL	Mortgages	- / Aaa / - / -	47.4%	✓	✓	Level 1 / 7%
BAYERISCHE LANDESBANK	Mortgages	- / Aaa / - / -	155.1%	✓	✓	Level 1 / 7%
BERLIN HYP AG	Public Loans	AAA / Aaa / - / -	29.0%	✓	✓	Level 1 / 7%
BERLIN HYP AG	Mortgages	- / Aaa / - / -	2.4%	✓	✓	Level 1 / 7%
COMMERZBANK AG	Mortgages	- / Aaa / - / -	70.0%	✓	✓	Level 1 / 7%
DEUT APOTHEKE AERZTEBANK	Mortgages	- / - / AAA / -	28.2%	✓	✓	Level 1 / 7%
DEUT PFANDBRIEFBANK AG	Mortgages	- / Aa1 / - / -	16.0%	✓	✓	Level 1 / 7%
DEUT PFANDBRIEFBANK AG	Public Loans	- / Aa1 / - / -	20.5%	✓	✓	Level 1 / 7%
DEUTSCHE BANK AG	Mortgages	- / Aaa / - / -	33.5%	✓	✓	Level 1 / 7%
DEUTSCHE BANK AG	Mortgages (CPT)	- / Aa1 / - / AA	51.4%	✗	✓	not eligible
DEUTSCHE HYPOTHEKENBANK	Mortgages	- / Aa1 / - / -	3.8%	✓	✓	Level 1 / 7%
DEUTSCHE KREDITBANK AG	Mortgages	- / Aaa / - / -	68.0%	✓	✓	Level 1 / 7%
DEUTSCHE KREDITBANK AG	Public Loans	- / Aaa / - / -	92.9%	✓	✓	Level 1 / 7%
DZ HYP AG	Mortgages	- / - / AAA / -	14.3%	✓	✓	Level 1 / 7%
DZ HYP AG	Public Loans	- / - / AAA / -	18.6%	✓	✓	Level 1 / 7%
HAMBURG COMMERCIAL BANK	Mortgages	- / Aa2 / - / -	12.4%	✓	✓	Level 1 / 7%
HAMBURGER SPARKASSE	Mortgages	- / Aaa / - / -	42.6%	✓	✓	Level 1 / 7%
ING-DIBA AG	Mortgages	- / Aaa / - / -	87.3%	✓	✓	Level 1 / 7%
LANDBK HESSEN-THUERINGEN	Mortgages	AAA / - / - / -	52.9%	✓	✓	Level 1 / 7%
LANDBK HESSEN-THUERINGEN	Public Loans	AAA / Aaa / - / -	25.5%	✓	✓	Level 1 / 7%

Germany	Cover Pool	Rating (Fitch/Moody's/S&P/DBRS)	OC	Law	Art. 129(7) CRR	LCR level / Haircut
LB BADEN-WUERTTEMBERG	Mortgages	- / Aaa / - / -	39.2%	✓	✓	Level 1 / 7%
	Public Loans	- / Aaa / - / -	30.6%	✓	✓	Level 1 / 7%
MUENCHENER HYPOTHEKENBNK	Mortgages	- / Aaa / - / -	4.4%	✓	✓	Level 1 / 7%
	Mortgages	- / Aa1 / - / -	158.2%	✓	✓	Level 1 / 7%
NORDDEUTSCHE LANDESBANK	Public Loans	- / Aa1 / - / -	33.6%	✓	✓	Level 1 / 7%
	Mortgages	AAA / Aaa / - / -	16.7%	✓	✓	Level 1 / 7%
SPARKASSE KOELNBONN	Mortgages	- / Aaa / - / -	208.2%	✓	✓	Level 1 / 7%
UNICREDIT BANK AG	Mortgages	- / Aaa / - / -	34.3%	✓	✓	Level 1 / 7%
WUESTENROT BAUSPARKASSE	Mortgages	- / - / AAA / -	18.6%	✓	✓	Level 1 / 7%
Ireland	Cover Pool	Rating (Fitch/Moody's/S&P/DBRS)	OC	Law	Art. 129(7) CRR	LCR level / Haircut
AIB MORTGAGE BANK	Mortgages	- / Aaa / AAA / -	43.7%	✓	✓	Level 1 / 7%
BANK OF IRELAND MTGE BNK	Mortgages	- / Aaa / - / -	106.0%	✓	✓	Level 1 / 7%
Italy	Cover Pool	Rating (Fitch/Moody's/S&P/DBRS)	OC	Law	Art. 129(7) CRR	LCR level / Haircut
BANCA MONTE DEI PASCHI S	Mortgages (OBG 1)	A+ / Aa3 / - / AAL	42.0%	✓	✓	Level 1 / 7%
BANCA POPOLARE SONDRIO	Mortgages	AA- / - / - / -	200.4%	✓	✓	Level 1 / 7%
BANCO BPM SPA	Mortgages (OBG 1)	- / Aa3 / - / A	19.5%	✓	✓	Level 2A / 15%
	Mortgages (OBG 2)	- / Aa3 / - / -	30.6%	✓	✓	Level 1 / 7%
BANCO DESIO DELLA BRIANZ	Mortgages	AA- / - / - / -	22.0%	✓	✓	Level 1 / 7%
BPER BANCA	Mortgages	- / Aa3 / - / -	23.0%	✓	✓	Level 1 / 7%
CREDIT AGRICOLE ITALIA	Mortgages	- / Aa3 / - / -	25.0%	✓	✓	Level 1 / 7%
CREDITO EMILIANO SPA	Mortgages	AA- / Aa3 / - / -	170.9%	✓	✓	Level 1 / 7%
INTESA SANPAOLO SPA	Mortgages	- / Aa3 / - / -	24.2%	✓	✓	Level 1 / 7%
MEDIOBANCA DI CRED FIN	Mortgages	AA- / - / - / -	61.0%	✓	✓	Level 1 / 7%
UNICREDIT SPA	Mortgages (OBG 1)	AA- / Aa3 / AA- / -	77.9%	✓	✓	Level 1 / 7%
	Mortgages (OBG 2)	- / Aa3 / - / -	23.5%	✓	✓	Level 1 / 7%
UNIONE DI BANCHE ITALIAN	Mortgages	- / Aa3 / - / AA	9.9%	✓	✓	Level 1 / 7%
Japan	Cover Pool	Rating (Fitch/Moody's/S&P/DBRS)	OC	Law	Art. 129(7) CRR	LCR level / Haircut
SUMITOMO MITSUI BANKING	Mortgages (RMBS)	- / Aaa / - / -	42.2%	✗	✓	not eligible
SUMITOMO MITSUI TR BK LT	Mortgages (RMBS)	- / Aaa / - / -	82.4%	✗	✓	not eligible
Korea	Cover Pool	Rating (Fitch/Moody's/S&P/DBRS)	OC	Law	Art. 129(7) CRR	LCR level / Haircut
KEB HANA BANK	Mortgages	AAA / - / AAA / -	444.4%	✓	✓	Level 2A / 15%
	Mortgages	AAA / - / AAA / -	287.1%	✓	✓	Level 2A / 15%
KOOKMIN BANK	Mortgages (2018 issue)	- / Aa1 / - / -	34.0%	✓	✓	Level 2A / 15%
	Mortgages (2019 issue)	- / - / AAA / -	29.7%	✓	✓	Level 2A / 15%
KOREA HOUSING FINANCE CO	Mortgages (2020/01 issue)	- / - / AAA / -	21.1%	✓	✓	Level 2A / 15%
	Mortgages (2020/02 issue)	- / - / AAA / -	9.0%	✓	✓	Level 2A / 15%
Luxembourg	Cover Pool	Rating (Fitch/Moody's/S&P/DBRS)	OC	Law	Art. 129(7) CRR	LCR level / Haircut
NORDLB LX COV BOND BK	Public Loans	- / Aa2 / - / -	21.8%	✓	✓	Level 1 / 7%
Netherlands	Cover Pool	Rating (Fitch/Moody's/S&P/DBRS)	OC	Law	Art. 129(7) CRR	LCR level / Haircut
ABN AMRO BANK NV	Mortgages	AAA / Aaa / - / -	27.7%	✓	✓	Level 1 / 7%
ACHMEA BANK NV	Mortgages	AAA / Aaa / - / -	28.8%	✓	✓	Level 1 / 7%
AEGON BANK	Mortgages	- / - / AAA / -	16.6%	✓	✓	Level 1 / 7%
COOPERATIEVE RABOBANK UA	Mortgages	- / Aaa / - / -	11.6%	✓	✓	Level 1 / 7%
DE VOLKSBANK NV	Mortgages	AAA / Aaa / - / -	30.6%	✓	✓	Level 1 / 7%
F VAN LANSCHOT BANKIERS	Mortgages	AAA / - / AAA / -	17.4%	✓	✓	Level 1 / 7%
ING BANK NV	Mortgages	AAA / Aaa / AAA / -	25.5%	✓	✓	Level 1 / 7%
NIBC BANK NV	Mortgages	AAA / - / AAA / -	19.7%	✓	✓	Level 1 / 7%

Netherlands	Cover Pool	Rating (Fitch/Moody's/S&P/DBRS)	OC	Law	Art. 129(7) CRR	LCR level / Haircut
NN BANK NV NETHERLANDS	Mortgages (CPT)	- / - / AAA / -	14.9%	✓	✓	Level 1 / 7%
	Mortgages (Soft)	- / - / AAA / -	57.3%	✓	✓	Level 1 / 7%
New Zealand	Cover Pool	Rating (Fitch/Moody's/S&P/DBRS)	OC	Law	Art. 129(7) CRR	LCR level / Haircut
ANZ NEW ZEALAND INTL/LDN	Mortgages	AAA / Aaa / - / -	192.5%	✓	✓	Level 2A / 15%
ASB FINANCE LTD LONDON	Mortgages	AAA / Aaa / - / -	14.5%	✓	✓	Level 2A / 15%
BNZ INTL FUNDING/LONDON	Mortgages	AAA / Aaa / - / -	9.5%	✓	✓	Level 2A / 15%
WESTPAC SEC NZ/LONDON	Mortgages	AAA / Aaa / - / -	90.9%	✓	✓	Level 2A / 15%
Norway	Cover Pool	Rating (Fitch/Moody's/S&P/DBRS)	OC	Law	Art. 129(7) CRR	LCR level / Haircut
DNB BOLIGKREDITT AS	Mortgages	- / Aaa / AAA / -	37.3%	✓	✓	Level 1 / 7%
EIKA BOLIGKREDITT AS	Mortgages	- / Aaa / - / -	11.0%	✓	✓	Level 1 / 7%
SBANKEN BOLIGKREDITT AS	Mortgages	- / Aaa / - / -	16.8%	✓	✓	Level 1 / 7%
SPAREBANK 1 BOLIGKREDITT	Mortgages	- / Aaa / - / -	6.4%	✓	✓	Level 1 / 7%
SPAREBANKEN SOR BOLIGKRE	Mortgages	- / Aaa / - / -	16.5%	✓	✓	Level 1 / 7%
SPAREBANKEN VEST BOLIGKR	Mortgages	- / Aaa / - / -	17.6%	✓	✓	Level 1 / 7%
SR-BOLIGKREDITT AS	Mortgages	- / Aaa / - / -	25.4%	✓	✓	Level 1 / 7%
Poland	Cover Pool	Rating (Fitch/Moody's/S&P/DBRS)	OC	Law	Art. 129(7) CRR	LCR level / Haircut
PKO BANK HIPOTECZNY	Mortgages	- / Aa1 / - / -	33.9%	✓	✓	Level 1 / 7%
Portugal	Cover Pool	Rating (Fitch/Moody's/S&P/DBRS)	OC	Law	Art. 129(7) CRR	LCR level / Haircut
BANCO BPI SA	Mortgages	- / Aa3 / - / AAL	17.8%	✓	✓	Level 1 / 7%
BANCO COMERC PORTUGUES	Mortgages	BBB+ / Aa3 / - / A	14.6%	✓	✓	Level 2A / 15%
BANCO SANTANDER TOTTA SA	Mortgages	A+ / Aa3 / - / AAL	16.3%	✓	✓	Level 1 / 7%
CAIXA ECO MONTEPIO GERAL	Mortgages	AA- / A1 / - / BBBH	19.1%	✓	✓	Level 2A / 15%
Singapore	Cover Pool	Rating (Fitch/Moody's/S&P/DBRS)	OC	Law	Art. 129(7) CRR	LCR level / Haircut
DBS BANK LTD	Mortgages	AAA / Aaa / - / -	149.8%	✓	✓	Level 2A / 15%
OVERSEA-CHINESE BANKING	Mortgages	AAA / Aaa / - / -	76.9%	✓	✓	Level 2A / 15%
UNITED OVERSEAS BANK LTD	Mortgages	- / Aaa / AAA / -	75.9%	✓	✓	Level 2A / 15%
Slovakia	Cover Pool	Rating (Fitch/Moody's/S&P/DBRS)	OC	Law	Art. 129(7) CRR	LCR level / Haircut
PRIMA BANKA SLOVENSKO AS	Mortgages	- / Aaa / - / -	280.9%	✓	✓	Level 1 / 7%
SLOVENSKA SPORITELNA AS	Mortgages	- / Aaa / - / -	67.3%	✓	✓	Level 1 / 7%
VSEOBECNA UVEROVA BANKA	Mortgages	- / Aa2 / - / -	12.2%	✓	✓	Level 1 / 7%
Spain	Cover Pool	Rating (Fitch/Moody's/S&P/DBRS)	OC	Law	Art. 129(7) CRR	LCR level / Haircut
ABANCA CORP BANCARIA SA	Mortgages	- / Aa1 / AA+ / -	371.5%	✓	✓	Level 1 / 7%
BANCO BILBAO VIZCAYA ARG	Mortgages	- / Aa1 / AA+ / AAA - / Aa1 / - / -	90.9%	✓	✓	Level 1 / 7%
BANCO DE SABADELL SA	Mortgages	- / Aa1 / - / AAA	156.7%	✓	✓	Level 1 / 7%
BANCO SANTANDER SA	Mortgages	AA / Aa1 / - / -	68.9%	✓	✓	Level 1 / 7%
BANKINTER SA	Mortgages	- / Aa1 / AA+ / -	73.5%	✓	✓	Level 1 / 7%
CAIXABANK SA	Mortgages	- / Aa1 / AA / AAA - / - / AA / AAA	73.2%	✓	✓	Level 1 / 7%
CAJA RURAL DE NAVARRA	Mortgages	- / Aa1 / - / -	101.9%	✓	✓	Level 1 / 7%
CAJAMAR CAJA RURAL SCC	Mortgages	- / - / AA / -	129.8%	✓	✓	Level 1 / 7%
DEUTSCHE BK SA ESPANOLA	Mortgages	- / Aa1 / - / -	31.5%	✓	✓	Level 1 / 7%
EUROCAJA RURAL SCC	Mortgages	- / Aa1 / - / -	184.3%	✓	✓	Level 1 / 7%
IBERCAJA BANCO SA	Mortgages	- / A1 / AA / -	309.8%	✓	✓	Level 2A / 15%
KUTXABANK SA	Mortgages	- / Aa1 / AA+ / -	891.5%	✓	✓	Level 1 / 7%

Spain	Cover Pool	Rating (Fitch/Moody's/S&P/DBRS)	OC	Law	Art. 129(7) CRR	LCR level / Haircut
LIBERBANK SA	Mortgages	- / Aa2 / - / -	138.8%	✓	✓	Level 1 / 7%
Sweden	Cover Pool	Rating (Fitch/Moody's/S&P/DBRS)	OC	Law	Art. 129(7) CRR	LCR level / Haircut
LANSFORSKRINGAR HYPOTEK	Mortgages	- / Aaa / AAA / -	36.7%	✓	✓	Level 1 / 7%
SKANDINAVISKA ENSKILDA	Mortgages	- / Aaa / - / -	81.4%	✓	✓	Level 1 / 7%
STADSHYPOTEK AB	Mortgages (FI Pool)	- / Aaa / - / -	10.0%	✓	✓	Level 1 / 7%
	Mortgages (NO Pool)	- / Aaa / - / -	10.0%	✓	✓	Level 1 / 7%
	Mortgages (SE Pool)	- / Aaa / - / -	10.0%	✓	✓	Level 1 / 7%
SWEDBANK HYPOTEK AB	Mortgages	- / Aaa / AAA / -	88.1%	✓	✓	Level 1 / 7%
SWEDISH COVERED BOND	Mortgages	- / Aaa / - / -	29.0%	✓	✓	Level 1 / 7%
Switzerland	Cover Pool	Rating (Fitch/Moody's/S&P/DBRS)	OC	Law	Art. 129(7) CRR	LCR level / Haircut
UBS AG LONDON	Mortgages	AAA / Aaa / - / -	19.6%	✗	✓	not eligible
UK	Cover Pool	Rating (Fitch/Moody's/S&P/DBRS)	OC	Law	Art. 129(7) CRR	LCR level / Haircut
BANK OF SCOTLAND PLC	Mortgages	AAA / Aaa / AAA / -	37.8%	✓	✓	Level 2A / 15%
CLYDESDALE BANK PLC	Mortgages	AAA / Aaa / - / -	150.4%	✓	✓	Level 2A / 15%
COVENTRY BLDG SOCIETY	Mortgages	AAA / Aaa / - / -	44.2%	✓	✓	Level 2A / 15%
LEEDS BUILDING SOCIETY	Mortgages	AAA / Aaa / - / -	49.9%	✓	✓	Level 2A / 15%
LLOYDS BANK PLC	Mortgages	AAA / Aaa / - / -	59.1%	✓	✓	Level 2A / 15%
NATIONWIDE BLDG SOCIETY	Mortgages	AAA / Aaa / AAA / -	67.4%	✓	✓	Level 2A / 15%
NATL WESTMINSTER BANK	Mortgages	AAA / Aaa / - / -	243.2%	✓	✓	Level 2A / 15%
SANTANDER UK PLC	Mortgages	AAA / Aaa / AAA / -	43.0%	✓	✓	Level 2A / 15%
SKIPTON BUILDING SOCIETY	Mortgages	AAA / Aaa / - / -	43.3%	✓	✓	Level 2A / 15%
YORKSHIRE BUILDING SOC	Mortgages	AAA / Aaa / - / -	147.1%	✓	✓	Level 2A / 15%

Source: Issuers, Rating agencies, NORD/LB Markets Strategy & Floor Research

Regulatory classification: covered bonds (iBoxx EUR Covered)

Authors: Dr Frederik Kunze // Henning Walten, CIIA

Australia	ISIN	Cover Assets	Amount outstanding (EURm)	Rating (Fitch/Moody's/S&P/DBRS)	Credit Quality Step	LCR-Level / Haircut	Risk weight	Maturity structure	Extendible Periode	Interest during extendible period	ECB	EEA	G10
AUST & NZ BANKING GROUP	XS0731129234	Mortgages	1,000	AAA / Aaa / - / -	CQS 1	Level 2A / 15%	20%	Hard	-	-	x	x	x
AUST & NZ BANKING GROUP	XS1014018045	Mortgages	1,250	AAA / Aaa / - / -	CQS 1	Level 2A / 15%	20%	Soft	12M	1M-EURIBOR +36bp	x	x	x
AUST & NZ BANKING GROUP	XS1523136247	Mortgages	750	AAA / Aaa / - / -	CQS 1	Level 2A / 15%	20%	Soft	12M	1M-EURIBOR +10bp	x	x	x
AUST & NZ BANKING GROUP	XS1916387431	Mortgages	1,250	AAA / Aaa / - / -	CQS 1	Level 2A / 15%	20%	Soft	12M	n/a	x	x	x
BANK OF QUEENSLAND LTD	XS1640827843	Mortgages	500	AAA / Aaa / - / -	CQS 1	Level 2A / 15%	20%	CPT	31.5Y	0.500% p.a.	x	x	x
BANK OF QUEENSLAND LTD	XS2003420465	Mortgages	500	AAA / Aaa / - / -	CQS 1	Level 2A / 15%	20%	CPT	31.5Y	0.125% p.a.	x	x	x
COMMONWEALTH BANK AUST	XS0775914277	Mortgages	1,500	AAA / Aaa / - / -	CQS 1	Level 2A / 15%	20%	Soft	12M	1M-EURIBOR +89bp	x	x	x
COMMONWEALTH BANK AUST	XS1357027652	Mortgages	500	AAA / Aaa / - / -	CQS 1	Level 2A / 15%	20%	Soft	12M	1M-EURIBOR +69bp	x	x	x
COMMONWEALTH BANK AUST	XS1458458665	Mortgages	1,250	AAA / Aaa / - / -	CQS 1	Level 2A / 15%	20%	Soft	12M	1M-EURIBOR +46bp	x	x	x
COMMONWEALTH BANK AUST	XS1594339514	Mortgages	750	AAA / Aaa / - / -	CQS 1	Level 2A / 15%	20%	Soft	12M	1M-EURIBOR +28bp	x	x	x
COMMONWEALTH BANK AUST	XS1811023735	Mortgages	1,000	AAA / Aaa / - / -	CQS 1	Level 2A / 15%	20%	Soft	12M	1M-EURIBOR +20bp	x	x	x
COMMONWEALTH BANK AUST	XS1952948104	Mortgages	1,000	AAA / Aaa / - / -	CQS 1	Level 2A / 15%	20%	Soft	12M	1M-EURIBOR +43.5bp	x	x	x
NATIONAL AUSTRALIA BANK	XS0864360358	Mortgages	1,000	AAA / Aaa / - / -	CQS 1	Level 2A / 15%	20%	Soft	12M	1M-EURIBOR +Margin	x	x	x
NATIONAL AUSTRALIA BANK	XS0940332504	Mortgages	750	AAA / Aaa / - / -	CQS 1	Level 2A / 15%	20%	Soft	12M	1M-EURIBOR +52bp	x	x	x
NATIONAL AUSTRALIA BANK	XS1191309720	Mortgages	1,000	AAA / Aaa / - / -	CQS 1	Level 2A / 15%	20%	Soft	12M	1M-EURIBOR +29bp	x	x	x
NATIONAL AUSTRALIA BANK	XS1321466911	Mortgages	750	AAA / Aaa / - / -	CQS 1	Level 2A / 15%	20%	Soft	12M	1M-EURIBOR +52bp	x	x	x
NATIONAL AUSTRALIA BANK	XS1942618023	Mortgages	1,250	AAA / Aaa / - / -	CQS 1	Level 2A / 15%	20%	Soft	12M	1M-EURIBOR +47bp	x	x	x
WESTPAC BANKING CORP	XS1615085781	Mortgages	1,000	AAA / Aaa / - / -	CQS 1	Level 2A / 15%	20%	Soft	12M	1M-EURIBOR +27bp	x	x	x
WESTPAC BANKING CORP	XS1615085864	Mortgages	500	AAA / Aaa / - / -	CQS 1	Level 2A / 15%	20%	Soft	12M	1M-EURIBOR +33bp	x	x	x
WESTPAC BANKING CORP	XS1748436190	Mortgages	1,250	AAA / Aaa / - / -	CQS 1	Level 2A / 15%	20%	Soft	12M	1M-EURIBOR +17bp	x	x	x
WESTPAC BANKING CORP	XS1748436356	Mortgages	500	AAA / Aaa / - / -	CQS 1	Level 2A / 15%	20%	Soft	12M	1M-EURIBOR +23bp	x	x	x
WESTPAC BANKING CORP	XS1917808922	Mortgages	1,000	AAA / Aaa / - / -	CQS 1	Level 2A / 15%	20%	Soft	12M	1M-EURIBOR +33bp	x	x	x
WESTPAC BANKING CORP	XS1978200472	Mortgages	1,250	AAA / Aaa / - / -	CQS 1	Level 2A / 15%	20%	Soft	12M	1M-EURIBOR +33bp	x	x	x
Austria	ISIN	Cover Assets	Amount outstanding (EURm)	Rating (Fitch/Moody's/S&P/DBRS)	Credit Quality Step	LCR-Level / Haircut	Risk weight	Maturity structure	Extendible Periode	Interest during extendible period	ECB	EEA	G10
BAWAG P.S.K.	XS1551294926	Public Loans	500	- / Aaa / - / -	CQS 1	Level 1 / 7%	10%	Hard	-	-	✓	✓	x
BAWAG P.S.K.	XS2013520023	Mortgages	500	- / Aaa / - / -	CQS 1	Level 1 / 7%	10%	Hard	-	-	✓	✓	x
BAWAG P.S.K.	XS2058855441	Mortgages	500	- / Aaa / - / -	CQS 1	Level 1 / 7%	10%	Hard	-	-	✓	✓	x
BAWAG P.S.K.	XS2106563161	Mortgages	500	- / Aaa / - / -	CQS 1	Level 1 / 7%	10%	Hard	-	-	✓	✓	x
BAWAG P.S.K.	XS2234573710	Mortgages	750	- / Aaa / - / -	CQS 1	Level 1 / 7%	10%	Hard	-	-	✓	✓	x
BAWAG P.S.K.	XS2259776230	Mortgages	500	- / Aaa / - / -	CQS 1	Level 1 / 7%	10%	Hard	-	-	✓	✓	x
BAWAG P.S.K.	XS2320539765	Mortgages	500	- / Aaa / - / -	CQS 1	Level 1 / 7%	10%	Hard	-	-	✓	✓	x
ERSTE GROUP BANK AG	XS1181448561	Mortgages	500	- / Aaa / - / -	CQS 1	Level 1 / 7%	10%	Hard	-	-	✓	✓	x
ERSTE GROUP BANK AG	XS1346557637	Mortgages	750	- / Aaa / - / -	CQS 1	Level 1 / 7%	10%	Hard	-	-	✓	✓	x
ERSTE GROUP BANK AG	XS1550203183	Mortgages	750	- / Aaa / - / -	CQS 1	Level 1 / 7%	10%	Hard	-	-	✓	✓	x

Austria	ISIN	Cover Assets	Amount outstanding (EURm)	Rating (Fitch/Moody's/S&P/DBRS)	Credit Quality Step	LCR-Level / Haircut	Risk weight	Maturity structure	Extendible Periode	Interest during extendible period	ECB	EEA	G10
ERSTE GROUP BANK AG	XS1750974658	Mortgages	1,000	- / Aaa / - / -	CQS 1	Level 1 / 7%	10%	Hard	-	-	✓	✓	✗
ERSTE GROUP BANK AG	XS1807495608	Mortgages	750	- / Aaa / - / -	CQS 1	Level 1 / 7%	10%	Soft	12M	0.250% p.a.	✓	✓	✗
ERSTE GROUP BANK AG	XS1845161790	Mortgages	750	- / Aaa / - / -	CQS 1	Level 1 / 7%	10%	Soft	12M	0.250% p.a.	✓	✓	✗
ERSTE GROUP BANK AG	AT0000A286W1	Mortgages	500	- / Aaa / - / -	CQS 1	Level 1 / 7%	10%	Soft	12M	3M-EURIBOR +7bp	✓	✓	✗
ERSTE GROUP BANK AG	AT0000A2A6W3	Mortgages	500	- / Aaa / - / -	CQS 1	Level 1 / 7%	10%	Soft	12M	3M-EURIBOR +6bp	✓	✓	✗
ERSTE GROUP BANK AG	AT0000A2CDT6	Mortgages	750	- / Aaa / - / -	CQS 1	Level 1 / 7%	10%	Soft	12M	3M-EURIBOR +3bp	✓	✓	✗
HYPONOE LB NOE WIEN AG	XS0780267406	Public Loans	500	- / Aa1 / - / -	CQS 1	Level 1 / 7%	10%	Hard	-	-	✓	✓	✗
HYPONOE LB NOE WIEN AG	XS1590565112	Public Loans	500	- / Aa1 / - / -	CQS 1	Level 1 / 7%	10%	Soft	12M	3M-EURIBOR +5bp	✓	✓	✗
HYPONOE LB NOE WIEN AG	XS1875268689	Public Loans	500	- / Aa1 / - / -	CQS 1	Level 1 / 7%	10%	Soft	12M	3M-EURIBOR +4bp	✓	✓	✗
HYPONOE LB NOE WIEN AG	XS2057917366	Public Loans	500	- / Aa1 / - / -	CQS 1	Level 1 / 7%	10%	Soft	12M	3M-EURIBOR +8bp	✓	✓	✗
HYPONOE LB NOE WIEN AG	XS2176710510	Mortgages	500	- / Aa1 / - / -	CQS 1	Level 1 / 7%	10%	Soft	12M	3M-EURIBOR +19bp	✓	✓	✗
HYPOTIROL BANK AG	AT0000A2AYL3	Mortgages	500	- / Aa1 / - / -	CQS 1	Level 1 / 7%	10%	Soft	12M	0.010% p.a.	✓	✓	✗
HYPOTIROL BANK AG	AT0000A2QDQ2	Mortgages	500	- / Aa1 / - / -	CQS 1	Level 1 / 7%	10%	Soft	12M	0.010% p.a.	✓	✓	✗
HYPOVORARLBERG BANK AG	XS1188081936	Mortgages	500	- / Aaa / - / -	CQS 1	Level 1 / 7%	10%	Hard	-	-	✓	✓	✗
HYPOVORARLBERG BANK AG	XS1613238457	Mortgages	500	- / Aaa / - / -	CQS 1	Level 1 / 7%	10%	Hard	-	-	✓	✓	✗
HYPOVORARLBERG BANK AG	XS1856342560	Mortgages	500	- / Aaa / - / -	CQS 1	Level 1 / 7%	10%	Hard	-	-	✓	✓	✗
HYPOVORARLBERG BANK AG	XS1999728394	Mortgages	500	- / Aaa / - / -	CQS 1	Level 1 / 7%	10%	Hard	-	-	✓	✓	✗
RAIFFEISEN BANK INTL	XS2086861437	Mortgages	500	- / Aa1 / - / -	CQS 1	Level 1 / 7%	10%	Soft	12M	3M-EURIBOR +11bp	✓	✓	✗
RAIFFEISEN LB NIEDEROEST	XS0827597351	Mortgages	500	- / Aaa / - / -	CQS 1	Level 1 / 7%	10%	Hard	-	-	✓	✓	✗
RAIFFEISEN LB NIEDEROEST	XS1196405556	Mortgages	500	- / Aaa / - / -	CQS 1	Level 1 / 7%	10%	Hard	-	-	✓	✓	✗
RAIFFEISEN LB NIEDEROEST	XS1681119167	Mortgages	500	- / Aaa / - / -	CQS 1	Level 1 / 7%	10%	Hard	-	-	✓	✓	✗
RAIFFEISEN LB NIEDEROEST	XS1756364474	Mortgages	500	- / Aaa / - / -	CQS 1	Level 1 / 7%	10%	Hard	-	-	✓	✓	✗
RAIFFEISEN LB NIEDEROEST	XS1871114473	Public Loans	500	- / Aaa / - / -	CQS 1	Level 1 / 7%	10%	Soft	12M	0.625% p.a.	✓	✓	✗
RAIFFEISEN LB NIEDEROEST	XS1942629061	Mortgages	500	- / Aaa / - / -	CQS 1	Level 1 / 7%	10%	Soft	12M	0.875% p.a.	✓	✓	✗
RAIFFEISEN LB NIEDEROEST	XS2100569552	Mortgages	500	- / Aaa / - / -	CQS 1	Level 1 / 7%	10%	Soft	12M	0.375% p.a.	✓	✓	✗
RAIFFEISEN LB STEIERMARK	XS0942965525	Mortgages	500	- / Aaa / - / -	CQS 1	Level 1 / 7%	10%	Hard	-	-	✓	✓	✗
RAIFFEISEN LB STEIERMARK	AT000B092622	Mortgages	500	- / Aaa / - / -	CQS 1	Level 1 / 7%	10%	Hard	-	-	✓	✓	✗
RAIFFEISEN LB STEIERMARK	AT000B093273	Mortgages	500	- / Aaa / - / -	CQS 1	Level 1 / 7%	10%	Hard	-	-	✓	✓	✗
RAIFFEISEN LB VORARLBERG	AT000B066675	Mortgages	500	- / Aaa / - / -	CQS 1	Level 1 / 7%	10%	Hard	-	-	✓	✓	✗
RLB OBEROESTERREICH	XS1495631993	Mortgages (Pool A)	500	- / Aaa / - / -	CQS 1	Level 1 / 7%	10%	Hard	-	-	✓	✓	✗
RLB OBEROESTERREICH	AT0000A228U7	Mortgages (Pool A)	500	- / Aaa / - / -	CQS 1	Level 1 / 7%	10%	Hard	-	-	✓	✓	✗
RLB OBEROESTERREICH	AT0000A2CFT1	Mortgages (Pool A)	500	- / Aaa / - / -	CQS 1	Level 1 / 7%	10%	Soft	12M	1M-EURIBOR +7bp	✓	✓	✗
UNICREDIT BK AUSTRIA AG	AT000B049465	Mortgages	500	- / Aaa / - / -	CQS 1	Level 1 / 7%	10%	Hard	-	-	✓	✓	✗
UNICREDIT BK AUSTRIA AG	AT000B049572	Mortgages	500	- / Aaa / - / -	CQS 1	Level 1 / 7%	10%	Hard	-	-	✓	✓	✗
UNICREDIT BK AUSTRIA AG	AT000B049598	Mortgages	500	- / Aaa / - / -	CQS 1	Level 1 / 7%	10%	Hard	-	-	✓	✓	✗
UNICREDIT BK AUSTRIA AG	AT000B049739	Mortgages	500	- / Aaa / - / -	CQS 1	Level 1 / 7%	10%	Hard	-	-	✓	✓	✗
UNICREDIT BK AUSTRIA AG	AT000B049754	Mortgages	500	- / Aaa / - / -	CQS 1	Level 1 / 7%	10%	Hard	-	-	✓	✓	✗
UNICREDIT BK AUSTRIA AG	AT000B049788	Mortgages	500	- / Aaa / - / -	CQS 1	Level 1 / 7%	10%	Hard	-	-	✓	✓	✗
UNICREDIT BK AUSTRIA AG	AT000B049796	Mortgages	500	- / Aaa / - / -	CQS 1	Level 1 / 7%	10%	Hard	-	-	✓	✓	✗
UNICREDIT BK AUSTRIA AG	AT000B049846	Mortgages	500	- / Aaa / - / -	CQS 1	Level 1 / 7%	10%	Hard	-	-	✓	✓	✗
VOLKSBANK WIEN AG	AT000B122031	Mortgages	500	- / Aaa / - / -	CQS 1	Level 1 / 7%	10%	Hard	-	-	✓	✓	✗
VOLKSBANK WIEN AG	AT000B122049	Mortgages	500	- / Aaa / - / -	CQS 1	Level 1 / 7%	10%	Hard	-	-	✓	✓	✗

Belgium	ISIN	Cover Assets	Amount outstanding (EURm)	Rating (Fitch/Moody's/S&P/DBRS)	Credit Quality Step	LCR-Level / Haircut	Risk weight	Maturity structure	Extendible Periode	Interest during extendible period	ECB	EEA	G10
ARGENTA SPAARBANK	BE6326767397	Mortgages	500	- / - / AAA / -	CQS 1	Level 1 / 7%	10%	Soft	12M	0.010% p.a.	✓	✓	✓
BELFIUS BANK SA/NV	BE0002424969	Mortgages	500	AAA / - / AAA / -	CQS 1	Level 1 / 7%	10%	Soft	12M	2.125% p.a.	✓	✓	✓
BELFIUS BANK SA/NV	BE0002474493	Mortgages	500	AAA / - / AAA / -	CQS 1	Level 1 / 7%	10%	Soft	12M	1.750% p.a.	✓	✓	✓
BELFIUS BANK SA/NV	BE0002483585	Mortgages	1,000	AAA / - / AAA / -	CQS 1	Level 1 / 7%	10%	Soft	12M	0.750% p.a.	✓	✓	✓
BELFIUS BANK SA/NV	BE0002260298	Public Loans	500	- / Aaa / AAA / -	CQS 1	Level 1 / 7%	10%	Soft	12M	0.125% p.a.	✓	✓	✓
BELFIUS BANK SA/NV	BE0002598762	Mortgages	500	AAA / - / AAA / -	CQS 1	Level 1 / 7%	10%	Soft	12M	1.000% p.a.	✓	✓	✓
BELFIUS BANK SA/NV	BE0002620012	Mortgages	750	AAA / - / AAA / -	CQS 1	Level 1 / 7%	10%	Soft	12M	0.375% p.a.	✓	✓	✓
BELFIUS BANK SA/NV	BE0002669506	Public Loans	500	- / Aaa / AAA / -	CQS 1	Level 1 / 7%	10%	Soft	12M	0.010% p.a.	✓	✓	✓
BELFIUS BANK SA/NV	BE0002682632	Mortgages	500	AAA / - / AAA / -	CQS 1	Level 1 / 7%	10%	Soft	12M	0.125% p.a.	✓	✓	✓
BNP PARIBAS FORTIS SA	BE0002265347	Mortgages	500	- / Aaa / AAA / -	CQS 1	Level 1 / 7%	10%	Soft	12M	1M-EURIBOR -10bp	✓	✓	✓
BNP PARIBAS FORTIS SA	BE0002274430	Mortgages	500	- / Aaa / AAA / -	CQS 1	Level 1 / 7%	10%	Soft	12M	1M-EURIBOR -3bp	✓	✓	✓
BNP PARIBAS FORTIS SA	BE0002586643	Mortgages	750	- / Aaa / AAA / -	CQS 1	Level 1 / 7%	10%	Soft	12M	1M-EURIBOR -3bp	✓	✓	✓
BNP PARIBAS FORTIS SA	BE0002614924	Mortgages	500	- / Aaa / AAA / -	CQS 1	Level 1 / 7%	10%	Soft	12M	1M-EURIBOR +2bp	✓	✓	✓
ING BELGIUM SA	BE0002594720	Mortgages	1,250	AAA / Aaa / - / -	CQS 1	Level 1 / 7%	10%	Soft	12M	1M-EURIBOR ±0bp	✓	✓	✓
ING BELGIUM SA	BE0002613918	Mortgages	1,000	AAA / Aaa / - / -	CQS 1	Level 1 / 7%	10%	Soft	12M	1M-EURIBOR +3bp	✓	✓	✓
ING BELGIUM SA	BE0002684653	Mortgages	1,250	AAA / Aaa / - / -	CQS 1	Level 1 / 7%	10%	Soft	12M	1M-EURIBOR +5bp	✓	✓	✓
KBC BANK NV	BE0002425974	Mortgages	750	AAA / Aaa / - / -	CQS 1	Level 1 / 7%	10%	Soft	12M	1M-EURIBOR +36bp	✓	✓	✓
KBC BANK NV	BE0002498732	Mortgages	1,250	AAA / Aaa / - / -	CQS 1	Level 1 / 7%	10%	Soft	12M	0.375% p.a.	✓	✓	✓
KBC BANK NV	BE0002500750	Mortgages	500	AAA / Aaa / - / -	CQS 1	Level 1 / 7%	10%	Soft	12M	0.750% p.a.	✓	✓	✓
KBC BANK NV	BE0002583616	Mortgages	750	AAA / Aaa / - / -	CQS 1	Level 1 / 7%	10%	Soft	12M	0.750% p.a.	✓	✓	✓
KBC BANK NV	BE0002707884	Mortgages	1,000	AAA / Aaa / - / -	CQS 1	Level 1 / 7%	10%	Soft	12M	0.000% p.a.	✓	✓	✓
Canada	ISIN	Cover Assets	Amount outstanding (EURm)	Rating (Fitch/Moody's/S&P/DBRS)	Credit Quality Step	LCR-Level / Haircut	Risk weight	Maturity structure	Extendible Periode	Interest during extendible period	ECB	EEA	G10
BANK OF MONTREAL	XS1293495229	Mortgages	1,000	AAA / Aaa / - / AAA	CQS 1	Level 2A / 15%	20%	Soft	12M	1M-EURIBOR +35bp	✗	✗	✓
BANK OF MONTREAL	XS1506604161	Mortgages	1,750	AAA / Aaa / - / AAA	CQS 1	Level 2A / 15%	20%	Soft	12M	1M-EURIBOR +26.7bp	✗	✗	✓
BANK OF MONTREAL	XS1706963284	Mortgages	1,500	AAA / Aaa / - / AAA	CQS 1	Level 2A / 15%	20%	Soft	12M	1M-EURIBOR +14.75bp	✗	✗	✓
BANK OF MONTREAL	XS1933874387	Mortgages	1,250	AAA / Aaa / - / AAA	CQS 1	Level 2A / 15%	20%	Soft	12M	1M-EURIBOR +31bp	✗	✗	✓
BANK OF MONTREAL	XS2141192182	Mortgages	1,250	AAA / Aaa / - / AAA	CQS 1	Level 2A / 15%	20%	Soft	12M	1M-EURIBOR +60.8bp	✗	✗	✓
BANK OF NOVA SCOTIA	XS1377941106	Mortgages	2,000	AAA / Aaa / - / AAA	CQS 1	Level 2A / 15%	20%	Soft	12M	1M-EURIBOR +55bp	✗	✗	✓
BANK OF NOVA SCOTIA	XS1755086607	Mortgages	1,000	AAA / Aaa / - / AAA	CQS 1	Level 2A / 15%	20%	Soft	12M	1M-EURIBOR +11bp	✗	✗	✓
BANK OF NOVA SCOTIA	XS1799545758	Mortgages	1,250	AAA / Aaa / - / AAA	CQS 1	Level 2A / 15%	20%	Soft	12M	1M-EURIBOR +12.3bp	✗	✗	✓
BANK OF NOVA SCOTIA	XS1897129950	Mortgages	1,750	AAA / Aaa / - / AAA	CQS 1	Level 2A / 15%	20%	Soft	12M	1M-EURIBOR +18bp	✗	✗	✓
BANK OF NOVA SCOTIA	XS1934392413	Mortgages	1,250	AAA / Aaa / - / AAA	CQS 1	Level 2A / 15%	20%	Soft	12M	1M-EURIBOR +31bp	✗	✗	✓
BANK OF NOVA SCOTIA	XS2101325111	Mortgages	1,500	AAA / Aaa / - / AAA	CQS 1	Level 2A / 15%	20%	Soft	12M	1M-EURIBOR +20.9bp	✗	✗	✓
BANK OF NOVA SCOTIA	XS2138444661	Mortgages	1,250	AAA / Aaa / - / AAA	CQS 1	Level 2A / 15%	20%	Soft	12M	1M-EURIBOR +33bp	✗	✗	✓
CANADIAN IMPERIAL BANK	XS1456455572	Mortgages	1,250	AAA / Aaa / - / -	CQS 1	Level 2A / 15%	20%	Soft	12M	1M-EURIBOR +34.9bp	✗	✗	✓
CANADIAN IMPERIAL BANK	XS1756725831	Mortgages	1,250	AAA / Aaa / - / -	CQS 1	Level 2A / 15%	20%	Soft	12M	1M-EURIBOR +10bp	✗	✗	✓
CANADIAN IMPERIAL BANK	XS2025468542	Mortgages	1,000	AAA / Aaa / - / -	CQS 1	Level 2A / 15%	20%	Soft	12M	1M-EURIBOR +23bp	✗	✗	✓
CANADIAN IMPERIAL BANK	XS2146086181	Mortgages	1,000	AAA / Aaa / - / -	CQS 1	Level 2A / 15%	20%	Soft	12M	1M-EURIBOR +63bp	✗	✗	✓
FED CAISSES DESJARDINS	XS1829326716	Mortgages	750	AAA / Aaa / - / -	CQS 1	Level 2A / 15%	20%	Soft	12M	1M-EURIBOR +18.1bp	✗	✗	✓
FED CAISSES DESJARDINS	XS1943456829	Mortgages	750	AAA / Aaa / - / -	CQS 1	Level 2A / 15%	20%	Soft	12M	1M-EURIBOR +18.1bp	✗	✗	✓

Canada	ISIN	Cover Assets	Amount outstanding (EURm)	Rating (Fitch/Moody's/S&P/DBRS)	Credit Quality Step	LCR-Level / Haircut	Risk weight	Maturity structure	Extendible Periode	Interest during extendible period	ECB	EEA	G10
FED CAISSES DESJARDINS	XS2083301106	Mortgages	500	AAA / Aaa / - / -	CQS 1	Level 2A / 15%	20%	Soft	12M	1M-EURIBOR +23.5bp	x	x	✓
FED CAISSES DESJARDINS	XS2148051621	Mortgages	500	AAA / Aaa / - / -	CQS 1	Level 2A / 15%	20%	Soft	12M	1M-EURIBOR +19.4bp	x	x	✓
NATIONAL BANK OF CANADA	XS1496770626	Mortgages	750	AAA / Aaa / - / AAA	CQS 1	Level 2A / 15%	20%	Soft	12M	1M-EURIBOR +2bp	x	x	✓
NATIONAL BANK OF CANADA	XS1790961962	Mortgages	750	AAA / Aaa / - / AAA	CQS 1	Level 2A / 15%	20%	Soft	12M	1M-EURIBOR +17bp	x	x	✓
NATIONAL BANK OF CANADA	XS1859275718	Mortgages	750	AAA / Aaa / - / AAA	CQS 1	Level 2A / 15%	20%	Soft	12M	1M-EURIBOR +16bp	x	x	✓
NATIONAL BANK OF CANADA	XS1935153632	Mortgages	750	AAA / Aaa / - / AAA	CQS 1	Level 2A / 15%	20%	Soft	12M	1M-EURIBOR +31bp	x	x	✓
NATIONAL BANK OF CANADA	XS2324405203	Mortgages	500	AAA / Aaa / - / AAA	CQS 1	Level 2A / 15%	20%	Soft	12M	1M-EURIBOR +12.5bp	x	x	✓
ROYAL BANK OF CANADA	XS1246658501	Mortgages	1,000	AAA / Aaa / - / AAA	CQS 1	Level 2A / 15%	20%	Soft	12M	1M-EURIBOR +19bp	x	x	✓
ROYAL BANK OF CANADA	XS1847633119	Mortgages	1,500	AAA / Aaa / - / AAA	CQS 1	Level 2A / 15%	20%	Soft	12M	1M-EURIBOR +16.5bp	x	x	✓
ROYAL BANK OF CANADA	XS1876471183	Mortgages	1,500	AAA / Aaa / - / AAA	CQS 1	Level 2A / 15%	20%	Soft	12M	1M-EURIBOR +20bp	x	x	✓
ROYAL BANK OF CANADA	XS1942615607	Mortgages	1,750	AAA / Aaa / - / AAA	CQS 1	Level 2A / 15%	20%	Soft	12M	1M-EURIBOR +3bp	x	x	✓
ROYAL BANK OF CANADA	XS2014288315	Mortgages	1,250	AAA / Aaa / - / AAA	CQS 1	Level 2A / 15%	20%	Soft	12M	1M-EURIBOR +22bp	x	x	✓
ROYAL BANK OF CANADA	XS2104915207	Mortgages	1,500	AAA / Aaa / - / AAA	CQS 1	Level 2A / 15%	20%	Soft	12M	1M-EURIBOR +19bp	x	x	✓
ROYAL BANK OF CANADA	XS2143036718	Mortgages	1,000	AAA / Aaa / - / AAA	CQS 1	Level 2A / 15%	20%	Soft	12M	1M-EURIBOR +54bp	x	x	✓
ROYAL BANK OF CANADA	XS2291788656	Mortgages	1,250	AAA / Aaa / - / AAA	CQS 1	Level 2A / 15%	20%	Soft	12M	1M-EURIBOR +14.1bp	x	x	✓
TORONTO-DOMINION BANK	XS1223216497	Mortgages	1,250	- / Aaa / - / AAA	CQS 1	Level 2A / 15%	20%	Soft	12M	1M-EURIBOR -2bp	x	x	✓
TORONTO-DOMINION BANK	XS1401105587	Mortgages	1,000	- / Aaa / - / AAA	CQS 1	Level 2A / 15%	20%	Soft	12M	1M-EURIBOR +43.9bp	x	x	✓
TORONTO-DOMINION BANK	XS1588284056	Mortgages	1,250	- / Aaa / - / AAA	CQS 1	Level 2A / 15%	20%	Soft	12M	1M-EURIBOR +22bp	x	x	✓
TORONTO-DOMINION BANK	XS1790069790	Mortgages	1,250	- / Aaa / - / AAA	CQS 1	Level 2A / 15%	20%	Soft	12M	1M-EURIBOR +9.5bp	x	x	✓
TORONTO-DOMINION BANK	XS1832967019	Mortgages	1,000	- / Aaa / - / AAA	CQS 1	Level 2A / 15%	20%	Soft	12M	1M-EURIBOR +25bp	x	x	✓
TORONTO-DOMINION BANK	XS1980044728	Mortgages	1,750	- / Aaa / - / AAA	CQS 1	Level 2A / 15%	20%	Soft	12M	1M-EURIBOR +21bp	x	x	✓
TORONTO-DOMINION BANK	XS2028803984	Mortgages	1,250	- / Aaa / - / AAA	CQS 1	Level 2A / 15%	20%	Soft	12M	1M-EURIBOR +16bp	x	x	✓
TORONTO-DOMINION BANK	XS2146198739	Mortgages	1,000	- / Aaa / - / AAA	CQS 1	Level 2A / 15%	20%	Soft	12M	1M-EURIBOR +66bp	x	x	✓
Czechia	ISIN	Cover Assets	Amount outstanding (EURm)	Rating (Fitch/Moody's/S&P/DBRS)	Credit Quality Step	LCR-Level / Haircut	Risk weight	Maturity structure	Extendible Periode	Interest during extendible period	ECB	EEA	G10
KOMERCNI BANKA AS	XS2289128162	Mortgages	500	AAA / - / - / -	CQS 1	Level 1 / 7%	10%	Soft	12M	1M-EURIBOR +12bp	x	✓	x
Denmark	ISIN	Cover Assets	Amount outstanding (EURm)	Rating (Fitch/Moody's/S&P/DBRS)	Credit Quality Step	LCR-Level / Haircut	Risk weight	Maturity structure	Extendible Periode	Interest during extendible period	ECB	EEA	G10
DANMARKS SKIBSKREDIT AS	DK0004132594	Mortgages (Capital Centre A)	500	- / - / A / -	CQS 2	Level 2A / 15%	20%	Hard	-	-	x	✓	x
DANMARKS SKIBSKREDIT AS	DK0004132677	Mortgages (Capital Centre A)	500	- / - / A / -	CQS 2	Level 2A / 15%	20%	Hard	-	-	x	✓	x
DANSKE BANK A/S	XS0519458755	Mortgages (Pool I)	1,000	AAA / - / AAA / -	CQS 1	Level 1 / 7%	10%	Soft	12M	1M-EURIBOR +100bp	x	✓	x
DANSKE BANK A/S	XS1720947917	Mortgages (Pool C)	500	AAA / - / AAA / -	CQS 1	Level 1 / 7%	10%	Soft	12M	1M-EURIBOR +100bp	x	✓	x
JYSKE REALKREDIT A/S	XS1435774903	Mortgages (Pool E)	750	- / - / AAA / -	CQS 1	Level 1 / 7%	10%	Soft	12M	5.250% p.a.	x	✓	x
JYSKE REALKREDIT A/S	XS1514010310	Mortgages (Pool E)	750	- / - / AAA / -	CQS 1	Level 1 / 7%	10%	Soft	12M	5.500% p.a.	x	✓	x
JYSKE REALKREDIT A/S	XS1669866300	Mortgages (Pool E)	500	- / - / AAA / -	CQS 1	Level 1 / 7%	10%	Soft	12M	5.375% p.a.	x	✓	x
JYSKE REALKREDIT A/S	XS1961126775	Mortgages (Pool E)	500	- / - / AAA / -	CQS 1	Level 1 / 7%	10%	Soft	12M	0.375% p.a.	x	✓	x
JYSKE REALKREDIT A/S	DK0009404618	Mortgages (Pool E)	500	- / - / AAA / -	CQS 1	Level 1 / 7%	10%	Soft	12M	0.010% p.a.	x	✓	x

Estonia	ISIN	Cover Assets	Amount outstanding (EURm)	Rating (Fitch/Moody's/S&P/DBRS)	Credit Quality Step	LCR-Level / Haircut	Risk weight	Maturity structure	Extendible Periode	Interest during extendible period	ECB	EEA	G10
LUMINOR BANK	XS2133077383	Mortgages	500	- / Aa1 / - / -	CQS 1	Level 1 / 7%	10%	Soft	12M	1M-EURIBOR +25bp	✓	✓	✗
Finland	ISIN	Cover Assets	Amount outstanding (EURm)	Rating (Fitch/Moody's/S&P/DBRS)	Credit Quality Step	LCR-Level / Haircut	Risk weight	Maturity structure	Extendible Periode	Interest during extendible period	ECB	EEA	G10
AKTIA BANK	XS1210338015	Mortgages (Pool 2)	500	- / Aaa / - / -	CQS 1	Level 1 / 7%	10%	Soft	12M	3M-EURIBOR -4bp	✓	✓	✗
AKTIA BANK	XS1827629384	Mortgages (Pool 2)	500	- / Aaa / - / -	CQS 1	Level 1 / 7%	10%	Soft	12M	3M-EURIBOR -3bp	✓	✓	✗
AKTIA BANK	XS1958616176	Mortgages (Pool 2)	500	- / Aaa / - / -	CQS 1	Level 1 / 7%	10%	Soft	12M	3M-EURIBOR +8bp	✓	✓	✗
DANSKE MORTGAGE BANK PLC	XS1914497034	Mortgages	750	- / Aaa / - / -	CQS 1	Level 1 / 7%	10%	Soft	12M	1M-EURIBOR +100bp	✓	✓	✗
DANSKE MORTGAGE BANK PLC	XS2058989489	Mortgages	1,000	- / Aaa / - / -	CQS 1	Level 1 / 7%	10%	Soft	12M	1M-EURIBOR +100bp	✓	✓	✗
NORDEA KIINNITSLOUTTO	XS1132790442	Mortgages	1,000	- / Aaa / - / -	CQS 1	Level 1 / 7%	10%	Hard	-	-	✓	✓	✗
NORDEA KIINNITSLOUTTO	XS1204140971	Mortgages	1,000	- / Aaa / - / -	CQS 1	Level 1 / 7%	10%	Hard	-	-	✓	✓	✗
NORDEA KIINNITSLOUTTO	XS1308350237	Mortgages	1,250	- / Aaa / - / -	CQS 1	Level 1 / 7%	10%	Hard	-	-	✓	✓	✗
NORDEA KIINNITSLOUTTO	XS1522968277	Mortgages	1,000	- / Aaa / - / -	CQS 1	Level 1 / 7%	10%	Hard	-	-	✓	✓	✗
NORDEA KIINNITSLOUTTO	XS1784067529	Mortgages	1,250	- / Aaa / - / -	CQS 1	Level 1 / 7%	10%	Hard	-	-	✓	✓	✗
NORDEA KIINNITSLOUTTO	XS1784071042	Mortgages	750	- / Aaa / - / -	CQS 1	Level 1 / 7%	10%	Hard	-	-	✓	✓	✗
NORDEA KIINNITSLOUTTO	XS1825134742	Mortgages	1,000	- / Aaa / - / -	CQS 1	Level 1 / 7%	10%	Hard	-	-	✓	✓	✗
NORDEA KIINNITSLOUTTO	XS1963717704	Mortgages	1,500	- / Aaa / - / -	CQS 1	Level 1 / 7%	10%	Hard	-	-	✓	✓	✗
NORDEA KIINNITSLOUTTO	XS2013525410	Mortgages	1,000	- / Aaa / - / -	CQS 1	Level 1 / 7%	10%	Hard	-	-	✓	✓	✗
OP MORTGAGE BANK	XS1144844583	Mortgages	1,000	- / Aaa / AAA / -	CQS 1	Level 1 / 7%	10%	Soft	12M	1M-EURIBOR +4bp	✓	✓	✗
OP MORTGAGE BANK	XS1285892870	Mortgages	1,000	- / Aaa / AAA / -	CQS 1	Level 1 / 7%	10%	Soft	12M	1M-Euribor -1bp	✓	✓	✗
OP MORTGAGE BANK	XS1408380803	Mortgages	1,250	- / Aaa / AAA / -	CQS 1	Level 1 / 7%	10%	Soft	12M	1M-EURIBOR +4bp	✓	✓	✗
OP MORTGAGE BANK	XS1576693110	Mortgages	1,000	- / Aaa / AAA / -	CQS 1	Level 1 / 7%	10%	Soft	12M	1M-EURIBOR +4bp	✓	✓	✗
OP MORTGAGE BANK	XS1626141698	Mortgages	1,000	- / Aaa / AAA / -	CQS 1	Level 1 / 7%	10%	Soft	12M	1M-EURIBOR +17.5bp	✓	✓	✗
OP MORTGAGE BANK	XS1721478011	Mortgages	1,000	- / Aaa / AAA / -	CQS 1	Level 1 / 7%	10%	Soft	12M	1M-EURIBOR +3bp	✓	✓	✗
OP MORTGAGE BANK	XS1829345427	Mortgages	1,000	- / Aaa / AAA / -	CQS 1	Level 1 / 7%	10%	Soft	12M	1M-EURIBOR -2bp	✓	✓	✗
OP MORTGAGE BANK	XS1951927158	Mortgages	1,250	- / Aaa / AAA / -	CQS 1	Level 1 / 7%	10%	Soft	12M	1M-EURIBOR +10bp	✓	✓	✗
OP MORTGAGE BANK	XS2081168358	Mortgages	1,000	- / Aaa / AAA / -	CQS 1	Level 1 / 7%	10%	Soft	12M	1M-EURIBOR +3bp	✓	✓	✗
OP MORTGAGE BANK	XS2105779719	Mortgages	1,000	- / Aaa / AAA / -	CQS 1	Level 1 / 7%	10%	Soft	12M	1M-EURIBOR +3bp	✓	✓	✗
OP MORTGAGE BANK	XS2260183285	Mortgages	1,250	- / Aaa / AAA / -	CQS 1	Level 1 / 7%	10%	Soft	12M	1M-EURIBOR +2bp	✓	✓	✗
OP MORTGAGE BANK	XS2324321368	Mortgages	750	- / Aaa / AAA / -	CQS 1	Level 1 / 7%	10%	Soft	12M	1M-EURIBOR -1bp	✓	✓	✗
SP KIINNITYSUOTTOPANKKI	XS1705691563	Mortgages	500	- / - / AAA / -	CQS 1	Level 1 / 7%	10%	Soft	12M	1M-EURIBOR -2bp	✓	✓	✗
SP KIINNITYSUOTTOPANKKI	XS2014370915	Mortgages	500	- / - / AAA / -	CQS 1	Level 1 / 7%	10%	Soft	12M	1M-EURIBOR +9bp	✓	✓	✗
France	ISIN	Cover Assets	Amount outstanding (EURm)	Rating (Fitch/Moody's/S&P/DBRS)	Credit Quality Step	LCR-Level / Haircut	Risk weight	Maturity structure	Extendible Periode	Interest during extendible period	ECB	EEA	G10
ARKEA HOME LOANS	FR0011530492	Mortgages	500	AAA / Aaa / - / -	CQS 1	Level 1 / 7%	10%	Hard	-	-	✓	✓	✓
ARKEA HOME LOANS	FR0012970713	Mortgages	500	AAA / Aaa / - / -	CQS 1	Level 1 / 7%	10%	Soft	12M	1M-EURIBOR +1bp	✓	✓	✓
ARKEA HOME LOANS	FR0013284908	Mortgages	500	AAA / Aaa / - / -	CQS 1	Level 1 / 7%	10%	Soft	12M	1M-EURIBOR -2bp	✓	✓	✓
ARKEA HOME LOANS	FR0013336229	Mortgages	500	AAA / Aaa / - / -	CQS 1	Level 1 / 7%	10%	Soft	12M	1M-EURIBOR +14bp	✓	✓	✓
ARKEA HOME LOANS	FR0013375797	Mortgages	750	AAA / Aaa / - / -	CQS 1	Level 1 / 7%	10%	Soft	12M	1M-EURIBOR +4bp	✓	✓	✓
ARKEA HOME LOANS	FR0013433281	Mortgages	500	AAA / Aaa / - / -	CQS 1	Level 1 / 7%	10%	Soft	12M	1M-EURIBOR +6bp	✓	✓	✓
ARKEA HOME LOANS	FR0013515715	Mortgages	1,000	AAA / Aaa / - / -	CQS 1	Level 1 / 7%	10%	Soft	12M	1M-EURIBOR +15bp	✓	✓	✓

France	ISIN	Cover Assets	Amount outstanding (EURm)	Rating (Fitch/Moody's/S&P/DBRS)	Credit Quality Step	LCR-Level / Haircut	Risk weight	Maturity structure	Extendible Periode	Interest during extendible period	ECB	EEA	G10
ARKEA PUBLIC SECTOR SCF	FR0013460417	Public Loans	500	- / Aaa / - / -	CQS 1	Level 1 / 7%	10%	Soft	12M	1M-EURIBOR +4bp	✓	✓	✓
AXA BANK EUROPE SCF	FR0013141058	Mortgages	750	- / Aaa / - / -	CQS 1	Level 1 / 7%	10%	Soft	12M	3M-EURIBOR +18bp	✓	✓	✓
AXA BANK EUROPE SCF	FR0013329224	Mortgages	750	- / Aaa / - / -	CQS 1	Level 1 / 7%	10%	Soft	12M	3M-EURIBOR -3bp	✓	✓	✓
AXA BANK EUROPE SCF	FR0013329216	Mortgages	750	- / Aaa / - / -	CQS 1	Level 1 / 7%	10%	Soft	12M	3M-EURIBOR +1bp	✓	✓	✓
AXA BANK EUROPE SCF	FR0013406154	Mortgages	500	- / Aaa / - / -	CQS 1	Level 1 / 7%	10%	Soft	12M	3M-EURIBOR +14bp	✓	✓	✓
AXA BANK EUROPE SCF	FR0013478047	Mortgages	500	- / Aaa / - / -	CQS 1	Level 1 / 7%	10%	Soft	12M	3M-EURIBOR +7bp	✓	✓	✓
AXA BANK EUROPE SCF	FR0013499977	Mortgages	500	- / Aaa / - / -	CQS 1	Level 1 / 7%	10%	Soft	12M	3M-EURIBOR +38bp	✓	✓	✓
AXA BANK EUROPE SCF	FR0013516176	Mortgages	500	- / Aaa / - / -	CQS 1	Level 1 / 7%	10%	Soft	12M	3M-EURIBOR +24bp	✓	✓	✓
AXA HOME LOAN SFH	FR0013432069	Mortgages	1,000	AAA / - / AAA / -	CQS 1	Level 1 / 7%	10%	Soft	12M	1M-EURIBOR +7bp	✓	✓	✓
AXA HOME LOAN SFH	FR0013453172	Mortgages	500	AAA / - / AAA / -	CQS 1	Level 1 / 7%	10%	Soft	12M	1M-EURIBOR +9bp	✓	✓	✓
AXA HOME LOAN SFH	FR0013520210	Mortgages	750	AAA / - / AAA / -	CQS 1	Level 1 / 7%	10%	Soft	12M	1M-EURIBOR +16bp	✓	✓	✓
BNP PARIBAS HOME LOAN CO	FR0012300754	Mortgages	500	AAA / - / AAA / -	CQS 1	Level 1 / 7%	10%	Hard	-	-	✓	✓	✓
BNP PARIBAS HOME LOAN CO	FR0012716371	Mortgages	750	AAA / - / AAA / -	CQS 1	Level 1 / 7%	10%	Soft	12M	0.375% p.a.	✓	✓	✓
BNP PARIBAS HOME LOAN CO	FR0013238797	Mortgages	500	AAA / - / AAA / -	CQS 1	Level 1 / 7%	10%	Soft	12M	0.375% p.a.	✓	✓	✓
BPCE SFH - SOCIETE DE FI	FR0011637743	Mortgages	1,150	- / Aaa / AAA / -	CQS 1	Level 1 / 7%	10%	Hard	-	-	✓	✓	✓
BPCE SFH - SOCIETE DE FI	FR0011993518	Mortgages	1,150	- / Aaa / AAA / -	CQS 1	Level 1 / 7%	10%	Hard	-	-	✓	✓	✓
BPCE SFH - SOCIETE DE FI	FR0012326841	Mortgages	800	- / Aaa / AAA / -	CQS 1	Level 1 / 7%	10%	Hard	-	-	✓	✓	✓
BPCE SFH - SOCIETE DE FI	FR0012518926	Mortgages	800	- / Aaa / AAA / -	CQS 1	Level 1 / 7%	10%	Hard	-	-	✓	✓	✓
BPCE SFH - SOCIETE DE FI	FR0013111903	Mortgages	1,000	- / Aaa / AAA / -	CQS 1	Level 1 / 7%	10%	Soft	12M	1M-EURIBOR +17bp	✓	✓	✓
BPCE SFH - SOCIETE DE FI	FR0013186046	Mortgages	1,395	- / Aaa / AAA / -	CQS 1	Level 1 / 7%	10%	Soft	12M	1M-EURIBOR +13.5bp	✓	✓	✓
BPCE SFH - SOCIETE DE FI	FR0013238219	Mortgages	1,000	- / Aaa / AAA / -	CQS 1	Level 1 / 7%	10%	Soft	12M	1M-EURIBOR +6bp	✓	✓	✓
BPCE SFH - SOCIETE DE FI	FR0013260361	Mortgages	1,000	- / Aaa / AAA / -	CQS 1	Level 1 / 7%	10%	Soft	12M	1M-EURIBOR +12bp	✓	✓	✓
BPCE SFH - SOCIETE DE FI	FR0013286820	Mortgages	1,000	- / Aaa / AAA / -	CQS 1	Level 1 / 7%	10%	Soft	12M	1M-EURIBOR ±0bp	✓	✓	✓
BPCE SFH - SOCIETE DE FI	FR0013320611	Mortgages	1,000	- / Aaa / AAA / -	CQS 1	Level 1 / 7%	10%	Soft	12M	1M-EURIBOR -8bp	✓	✓	✓
BPCE SFH - SOCIETE DE FI	FR0013383346	Mortgages	1,000	- / Aaa / AAA / -	CQS 1	Level 1 / 7%	10%	Soft	12M	1M-EURIBOR +9bp	✓	✓	✓
BPCE SFH - SOCIETE DE FI	FR0013403862	Mortgages	1,750	- / Aaa / AAA / -	CQS 1	Level 1 / 7%	10%	Soft	12M	1M-EURIBOR +15bp	✓	✓	✓
BPCE SFH - SOCIETE DE FI	FR0013421799	Mortgages	1,000	- / Aaa / AAA / -	CQS 1	Level 1 / 7%	10%	Soft	12M	1M-EURIBOR +12bp	✓	✓	✓
BPCE SFH - SOCIETE DE FI	FR0013459047	Mortgages	1,250	- / Aaa / AAA / -	CQS 1	Level 1 / 7%	10%	Soft	12M	1M-EURIBOR +5bp	✓	✓	✓
BPCE SFH - SOCIETE DE FI	FR0013477924	Mortgages	1,250	- / Aaa / AAA / -	CQS 1	Level 1 / 7%	10%	Soft	12M	1M-EURIBOR +5bp	✓	✓	✓
BPCE SFH - SOCIETE DE FI	FR0013477940	Mortgages	1,000	- / Aaa / AAA / -	CQS 1	Level 1 / 7%	10%	Soft	12M	1M-EURIBOR +9bp	✓	✓	✓
BPCE SFH - SOCIETE DE FI	FR0013505096	Mortgages	1,000	- / Aaa / AAA / -	CQS 1	Level 1 / 7%	10%	Soft	12M	1M-EURIBOR +40bp	✓	✓	✓
BPCE SFH - SOCIETE DE FI	FR0013514502	Mortgages	1,250	- / Aaa / AAA / -	CQS 1	Level 1 / 7%	10%	Soft	12M	1M-EURIBOR +17bp	✓	✓	✓
BPCE SFH - SOCIETE DE FI	FR0013533403	Mortgages	600	- / Aaa / AAA / -	CQS 1	Level 1 / 7%	10%	Soft	12M	1M-EURIBOR +5bp	✓	✓	✓
BPCE SFH - SOCIETE DE FI	FR0014001MO8	Mortgages	1,000	- / Aaa / AAA / -	CQS 1	Level 1 / 7%	10%	Soft	12M	1M-EURIBOR +2bp	✓	✓	✓
BPCE SFH - SOCIETE DE FI	FR0014001MN0	Mortgages	1,000	- / Aaa / AAA / -	CQS 1	Level 1 / 7%	10%	Soft	12M	1M-EURIBOR +5bp	✓	✓	✓
BPCE SFH - SOCIETE DE FI	FR0014002FB7	Mortgages	500	- / Aaa / AAA / -	CQS 1	Level 1 / 7%	10%	Soft	12M	1M-EURIBOR +0bp	✓	✓	✓
BPCE SFH - SOCIETE DE FI	FR0014002FC5	Mortgages	750	- / Aaa / AAA / -	CQS 1	Level 1 / 7%	10%	Soft	12M	1M-EURIBOR +4bp	✓	✓	✓
CAISSE FRANCAISE DE FIN	FR0010775486	Public Loans	2,000	- / Aaa / AA+ / AAA	CQS 1	Level 1 / 7%	10%	Hard	-	-	✓	✓	✓
CAISSE FRANCAISE DE FIN	FR0011580588	Public Loans	1,000	- / Aaa / AA+ / AAA	CQS 1	Level 1 / 7%	10%	Hard	-	-	✓	✓	✓
CAISSE FRANCAISE DE FIN	FR0011686401	Public Loans	1,000	- / Aaa / AA+ / AAA	CQS 1	Level 1 / 7%	10%	Hard	-	-	✓	✓	✓
CAISSE FRANCAISE DE FIN	FR0012467942	Public Loans	1,150	- / Aaa / AA+ / AAA	CQS 1	Level 1 / 7%	10%	Hard	-	-	✓	✓	✓
CAISSE FRANCAISE DE FIN	FR0012688208	Public Loans	1,150	- / Aaa / AA+ / AAA	CQS 1	Level 1 / 7%	10%	Hard	-	-	✓	✓	✓

France	ISIN	Cover Assets	Amount outstanding (EURm)	Rating (Fitch/Moody's/S&P/DBRS)	Credit Quality Step	LCR-Level / Haircut	Risk weight	Maturity structure	Extendible Periode	Interest during extendible period	ECB	EEA	G10
CAISSE FRANCAISE DE FIN	FR0012939882	Public Loans	1,000	- / Aaa / AA+ / AAA	CQS 1	Level 1 / 7%	10%	Hard	-	-	✓	✓	✓
CAISSE FRANCAISE DE FIN	FR0013019510	Public Loans	1,150	- / Aaa / AA+ / AAA	CQS 1	Level 1 / 7%	10%	Hard	-	-	✓	✓	✓
CAISSE FRANCAISE DE FIN	FR0013088424	Public Loans	1,000	- / Aaa / AA+ / AAA	CQS 1	Level 1 / 7%	10%	Hard	-	-	✓	✓	✓
CAISSE FRANCAISE DE FIN	FR0013088432	Public Loans	650	- / Aaa / AA+ / AAA	CQS 1	Level 1 / 7%	10%	Hard	-	-	✓	✓	✓
CAISSE FRANCAISE DE FIN	FR0013150257	Public Loans	2,000	- / Aaa / AA+ / AAA	CQS 1	Level 1 / 7%	10%	Hard	-	-	✓	✓	✓
CAISSE FRANCAISE DE FIN	FR0013184181	Public Loans	1,150	- / Aaa / AA+ / AAA	CQS 1	Level 1 / 7%	10%	Hard	-	-	✓	✓	✓
CAISSE FRANCAISE DE FIN	FR0013221389	Public Loans	650	- / Aaa / AA+ / AAA	CQS 1	Level 1 / 7%	10%	Hard	-	-	✓	✓	✓
CAISSE FRANCAISE DE FIN	FR0013230703	Public Loans	2,000	- / Aaa / AA+ / AAA	CQS 1	Level 1 / 7%	10%	Hard	-	-	✓	✓	✓
CAISSE FRANCAISE DE FIN	FR0013255858	Public Loans	1,150	- / Aaa / AA+ / AAA	CQS 1	Level 1 / 7%	10%	Hard	-	-	✓	✓	✓
CAISSE FRANCAISE DE FIN	FR0013255866	Public Loans	750	- / Aaa / AA+ / AAA	CQS 1	Level 1 / 7%	10%	Hard	-	-	✓	✓	✓
CAISSE FRANCAISE DE FIN	FR0013284072	Public Loans	750	- / Aaa / AA+ / AAA	CQS 1	Level 1 / 7%	10%	Hard	-	-	✓	✓	✓
CAISSE FRANCAISE DE FIN	FR0013310026	Public Loans	1,300	- / Aaa / AA+ / AAA	CQS 1	Level 1 / 7%	10%	Hard	-	-	✓	✓	✓
CAISSE FRANCAISE DE FIN	FR0013310018	Public Loans	650	- / Aaa / AA+ / AAA	CQS 1	Level 1 / 7%	10%	Hard	-	-	✓	✓	✓
CAISSE FRANCAISE DE FIN	FR0013330693	Public Loans	1,650	- / Aaa / AA+ / AAA	CQS 1	Level 1 / 7%	10%	Hard	-	-	✓	✓	✓
CAISSE FRANCAISE DE FIN	FR0013345485	Public Loans	800	- / Aaa / AA+ / AAA	CQS 1	Level 1 / 7%	10%	Hard	-	-	✓	✓	✓
CAISSE FRANCAISE DE FIN	FR0013396355	Public Loans	750	- / Aaa / AA+ / AAA	CQS 1	Level 1 / 7%	10%	Hard	-	-	✓	✓	✓
CAISSE FRANCAISE DE FIN	FR0013396363	Public Loans	650	- / Aaa / AA+ / AAA	CQS 1	Level 1 / 7%	10%	Hard	-	-	✓	✓	✓
CAISSE FRANCAISE DE FIN	FR0013403433	Public Loans	1,000	- / Aaa / AA+ / AAA	CQS 1	Level 1 / 7%	10%	Hard	-	-	✓	✓	✓
CAISSE FRANCAISE DE FIN	FR0013459757	Public Loans	750	- / Aaa / AA+ / AAA	CQS 1	Level 1 / 7%	10%	Hard	-	-	✓	✓	✓
CAISSE FRANCAISE DE FIN	FR0013482189	Public Loans	1,000	- / Aaa / AA+ / AAA	CQS 1	Level 1 / 7%	10%	Hard	-	-	✓	✓	✓
CAISSE FRANCAISE DE FIN	FR0013511615	Public Loans	1,000	- / Aaa / AA+ / AAA	CQS 1	Level 1 / 7%	10%	Hard	-	-	✓	✓	✓
CAISSE FRANCAISE DE FIN	FR0013519568	Public Loans	1,300	- / Aaa / AA+ / AAA	CQS 1	Level 1 / 7%	10%	Hard	-	-	✓	✓	✓
CAISSE FRANCAISE DE FIN	FR0013535820	Public Loans	1,500	- / Aaa / AA+ / AAA	CQS 1	Level 1 / 7%	10%	Hard	-	-	✓	✓	✓
CAISSE FRANCAISE DE FIN	FR00140006K7	Public Loans	750	- / Aaa / AA+ / AAA	CQS 1	Level 1 / 7%	10%	Hard	-	-	✓	✓	✓
CAISSE FRANCAISE DE FIN	FR0014001GV5	Public Loans	1,500	- / Aaa / AA+ / AAA	CQS 1	Level 1 / 7%	10%	Hard	-	-	✓	✓	✓
CAISSE FRANCAISE DE FIN	FR0014001ZD3	Public Loans	750	- / Aaa / AA+ / AAA	CQS 1	Level 1 / 7%	10%	Hard	-	-	✓	✓	✓
CAISSE REFINANCE L'HABIT	FR0010945451	Mortgages	2,200	AAA / Aaa / - / -	CQS 1	Level 1 / 7%	10%	Hard	-	-	✓	✓	✓
CAISSE REFINANCE L'HABIT	FR0011011188	Mortgages	2,900	AAA / Aaa / - / -	CQS 1	Level 1 / 7%	10%	Hard	-	-	✓	✓	✓
CAISSE REFINANCE L'HABIT	FR0011133008	Mortgages	1,400	AAA / Aaa / - / -	CQS 1	Level 1 / 7%	10%	Hard	-	-	✓	✓	✓
CAISSE REFINANCE L'HABIT	FR0011178946	Mortgages	2,000	AAA / Aaa / - / -	CQS 1	Level 1 / 7%	10%	Hard	-	-	✓	✓	✓
CAISSE REFINANCE L'HABIT	FR0011213453	Mortgages	2,500	AAA / Aaa / - / -	CQS 1	Level 1 / 7%	10%	Hard	-	-	✓	✓	✓
CAISSE REFINANCE L'HABIT	FR0011388339	Mortgages	1,500	AAA / Aaa / - / -	CQS 1	Level 1 / 7%	10%	Hard	-	-	✓	✓	✓
CAISSE REFINANCE L'HABIT	FR0013451796	Mortgages	1,000	AAA / Aaa / - / -	CQS 1	Level 1 / 7%	10%	Hard	-	-	✓	✓	✓
CAISSE REFINANCE L'HABIT	FR0013463551	Mortgages	1,000	AAA / Aaa / - / -	CQS 1	Level 1 / 7%	10%	Hard	-	-	✓	✓	✓
CAISSE REFINANCE L'HABIT	FR0013480522	Mortgages	1,250	AAA / Aaa / - / -	CQS 1	Level 1 / 7%	10%	Hard	-	-	✓	✓	✓
CAISSE REFINANCE L'HABIT	FR0013480514	Mortgages	750	AAA / Aaa / - / -	CQS 1	Level 1 / 7%	10%	Hard	-	-	✓	✓	✓
CAISSE REFINANCE L'HABIT	FR0013510476	Mortgages	1,250	AAA / Aaa / - / -	CQS 1	Level 1 / 7%	10%	Hard	-	-	✓	✓	✓
CIE FINANCEMENT FONCIER	FR0013536950	Mortgages	1,250	- / Aaa / AAA / -	CQS 1	Level 1 / 7%	10%	Hard	-	-	✓	✓	✓
CIE FINANCEMENT FONCIER	FR00140009U0	Mortgages	500	- / Aaa / AAA / -	CQS 1	Level 1 / 7%	10%	Hard	-	-	✓	✓	✓
CIE FINANCEMENT FONCIER	FR0010292169	Mortgages	1,038	- / Aaa / AAA / -	CQS 1	Level 1 / 7%	10%	Hard	-	-	✓	✓	✓
CIE FINANCEMENT FONCIER	FR0010913749	Mortgages	2,680	- / Aaa / AAA / -	CQS 1	Level 1 / 7%	10%	Hard	-	-	✓	✓	✓
CIE FINANCEMENT FONCIER	FR0011356997	Mortgages	1,750	- / Aaa / AAA / -	CQS 1	Level 1 / 7%	10%	Hard	-	-	✓	✓	✓

France	ISIN	Cover Assets	Amount outstanding (EURm)	Rating (Fitch/Moody's/S&P/DBRS)	Credit Quality Step	LCR-Level / Haircut	Risk weight	Maturity structure	Extendible Periode	Interest during extendible period	ECB	EEA	G10
CIE FINANCEMENT FONCIER	FR0011885722	Mortgages	1,000	- / Aaa / AAA / -	CQS 1	Level 1 / 7%	10%	Hard	-	-	✓	✓	✓
CIE FINANCEMENT FONCIER	FR0012447696	Mortgages	1,000	- / Aaa / AAA / -	CQS 1	Level 1 / 7%	10%	Hard	-	-	✓	✓	✓
CIE FINANCEMENT FONCIER	FR0012801512	Mortgages	600	- / Aaa / AAA / -	CQS 1	Level 1 / 7%	10%	Hard	-	-	✓	✓	✓
CIE FINANCEMENT FONCIER	FR0012938959	Mortgages	1,500	- / Aaa / AAA / -	CQS 1	Level 1 / 7%	10%	Hard	-	-	✓	✓	✓
CIE FINANCEMENT FONCIER	FR0013106630	Mortgages	1,000	- / Aaa / AAA / -	CQS 1	Level 1 / 7%	10%	Hard	-	-	✓	✓	✓
CIE FINANCEMENT FONCIER	FR0013160959	Mortgages	1,185	- / Aaa / AAA / -	CQS 1	Level 1 / 7%	10%	Hard	-	-	✓	✓	✓
CIE FINANCEMENT FONCIER	FR0013162302	Mortgages	1,000	- / Aaa / AAA / -	CQS 1	Level 1 / 7%	10%	Hard	-	-	✓	✓	✓
CIE FINANCEMENT FONCIER	FR0013201449	Mortgages	1,000	- / Aaa / AAA / -	CQS 1	Level 1 / 7%	10%	Hard	-	-	✓	✓	✓
CIE FINANCEMENT FONCIER	FR0013231081	Mortgages	1,500	- / Aaa / AAA / -	CQS 1	Level 1 / 7%	10%	Hard	-	-	✓	✓	✓
CIE FINANCEMENT FONCIER	FR0013256427	Mortgages	1,500	- / Aaa / AAA / -	CQS 1	Level 1 / 7%	10%	Hard	-	-	✓	✓	✓
CIE FINANCEMENT FONCIER	FR0013281748	Mortgages	1,250	- / Aaa / AAA / -	CQS 1	Level 1 / 7%	10%	Hard	-	-	✓	✓	✓
CIE FINANCEMENT FONCIER	FR0013296159	Mortgages	1,040	- / Aaa / AAA / -	CQS 1	Level 1 / 7%	10%	Hard	-	-	✓	✓	✓
CIE FINANCEMENT FONCIER	FR0013309549	Mortgages	1,150	- / Aaa / AAA / -	CQS 1	Level 1 / 7%	10%	Hard	-	-	✓	✓	✓
CIE FINANCEMENT FONCIER	FR0013328218	Mortgages	1,500	- / Aaa / AAA / -	CQS 1	Level 1 / 7%	10%	Hard	-	-	✓	✓	✓
CIE FINANCEMENT FONCIER	FR0013336286	Mortgages	1,250	- / Aaa / AAA / -	CQS 1	Level 1 / 7%	10%	Hard	-	-	✓	✓	✓
CIE FINANCEMENT FONCIER	FR0013358843	Mortgages	1,175	- / Aaa / AAA / -	CQS 1	Level 1 / 7%	10%	Hard	-	-	✓	✓	✓
CIE FINANCEMENT FONCIER	FR0013413382	Mortgages	1,250	- / Aaa / AAA / -	CQS 1	Level 1 / 7%	10%	Hard	-	-	✓	✓	✓
CIE FINANCEMENT FONCIER	FR0013445129	Mortgages	1,050	- / Aaa / AAA / -	CQS 1	Level 1 / 7%	10%	Hard	-	-	✓	✓	✓
CIE FINANCEMENT FONCIER	FR0013507365	Mortgages	1,250	- / Aaa / AAA / -	CQS 1	Level 1 / 7%	10%	Hard	-	-	✓	✓	✓
CRED MUTUEL HOME LOAN SF	FR0010990390	Mortgages	1,650	AAA / Aaa / AAA / -	CQS 1	Level 1 / 7%	10%	Hard	-	-	✓	✓	✓
CRED MUTUEL HOME LOAN SF	FR0011182542	Mortgages	1,250	AAA / Aaa / AAA / -	CQS 1	Level 1 / 7%	10%	Hard	-	-	✓	✓	✓
CRED MUTUEL HOME LOAN SF	FR0011564962	Mortgages	1,350	AAA / Aaa / AAA / -	CQS 1	Level 1 / 7%	10%	Hard	-	-	✓	✓	✓
CRED MUTUEL HOME LOAN SF	FR0011991306	Mortgages	1,000	AAA / Aaa / AAA / -	CQS 1	Level 1 / 7%	10%	Hard	-	-	✓	✓	✓
CRED MUTUEL HOME LOAN SF	FR0013065117	Mortgages	1,000	AAA / Aaa / AAA / -	CQS 1	Level 1 / 7%	10%	Soft	12m	0.875% p.a.	✓	✓	✓
CRED MUTUEL HOME LOAN SF	FR0013113453	Mortgages	1,500	AAA / Aaa / AAA / -	CQS 1	Level 1 / 7%	10%	Soft	12M	0.375% p.a.	✓	✓	✓
CRED MUTUEL HOME LOAN SF	FR0013236247	Mortgages	750	AAA / Aaa / AAA / -	CQS 1	Level 1 / 7%	10%	Soft	12M	0.625% p.a.	✓	✓	✓
CRED MUTUEL HOME LOAN SF	FR0013282142	Mortgages	1,250	AAA / Aaa / AAA / -	CQS 1	Level 1 / 7%	10%	Soft	12M	0.750% p.a.	✓	✓	✓
CRED MUTUEL HOME LOAN SF	FR0013313020	Mortgages	1,000	AAA / Aaa / AAA / -	CQS 1	Level 1 / 7%	10%	Soft	12M	0.625% p.a.	✓	✓	✓
CRED MUTUEL HOME LOAN SF	FR0013332012	Mortgages	1,000	AAA / Aaa / AAA / -	CQS 1	Level 1 / 7%	10%	Soft	12M	1.000% p.a.	✓	✓	✓
CRED MUTUEL HOME LOAN SF	FR0013399110	Mortgages	1,000	AAA / Aaa / AAA / -	CQS 1	Level 1 / 7%	10%	Soft	12M	0.250% p.a.	✓	✓	✓
CRED MUTUEL HOME LOAN SF	FR0013399102	Mortgages	1,000	AAA / Aaa / AAA / -	CQS 1	Level 1 / 7%	10%	Soft	12M	1.000% p.a.	✓	✓	✓
CRED MUTUEL HOME LOAN SF	FR0013478898	Mortgages	1,250	AAA / Aaa / AAA / -	CQS 1	Level 1 / 7%	10%	Soft	12M	0.125% p.a.	✓	✓	✓
CRED MUTUEL HOME LOAN SF	FR0013506870	Mortgages	1,750	AAA / Aaa / AAA / -	CQS 1	Level 1 / 7%	10%	Soft	12M	0.125% p.a.	✓	✓	✓
CREDIT AGRICOLE HOME LOA	FR0010920900	Mortgages	1,967	AAA / Aaa / AAA / -	CQS 1	Level 1 / 7%	10%	Soft	12M	1M-EURIBOR +77bp	✓	✓	✓
CREDIT AGRICOLE HOME LOA	FR0012332450	Mortgages	1,200	AAA / Aaa / AAA / -	CQS 1	Level 1 / 7%	10%	Soft	12M	1M-EURIBOR -2bp	✓	✓	✓
CREDIT AGRICOLE HOME LOA	FR0013066743	Mortgages	1,250	AAA / Aaa / AAA / -	CQS 1	Level 1 / 7%	10%	Soft	12M	1M-EURIBOR +8bp	✓	✓	✓
CREDIT AGRICOLE HOME LOA	FR0013141066	Mortgages	1,750	AAA / Aaa / AAA / -	CQS 1	Level 1 / 7%	10%	Soft	12M	1M-EURIBOR +9bp	✓	✓	✓
CREDIT AGRICOLE HOME LOA	FR0013141074	Mortgages	1,500	AAA / Aaa / AAA / -	CQS 1	Level 1 / 7%	10%	Soft	12M	1M-EURIBOR +26bp	✓	✓	✓
CREDIT AGRICOLE HOME LOA	FR0013219573	Mortgages	1,500	AAA / Aaa / AAA / -	CQS 1	Level 1 / 7%	10%	Soft	12M	1M-EURIBOR -5bp	✓	✓	✓
CREDIT AGRICOLE HOME LOA	FR0013235025	Mortgages	1,000	AAA / Aaa / AAA / -	CQS 1	Level 1 / 7%	10%	Soft	12M	1M-EURIBOR -1bp	✓	✓	✓
CREDIT AGRICOLE HOME LOA	FR0013234986	Mortgages	1,000	AAA / Aaa / AAA / -	CQS 1	Level 1 / 7%	10%	Soft	12M	1M-EURIBOR +20bp	✓	✓	✓
CREDIT AGRICOLE HOME LOA	FR0013235132	Mortgages	900	AAA / Aaa / AAA / -	CQS 1	Level 1 / 7%	10%	Soft	12M	1M-EURIBOR +25bp	✓	✓	✓

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CREDIT AGRICOLE HOME LOA	FR0013254273	Mortgages	1,500	AAA / Aaa / AAA / -	CQS 1	Level 1 / 7%	10%	Soft	12M	1M-EURIBOR +5bp	✓	✓	✓
CREDIT AGRICOLE HOME LOA	FR0013263951	Mortgages	1,000	AAA / Aaa / AAA / -	CQS 1	Level 1 / 7%	10%	Soft	12M	1M-EURIBOR -5bp	✓	✓	✓
CREDIT AGRICOLE HOME LOA	FR0013310059	Mortgages	1,250	AAA / Aaa / AAA / -	CQS 1	Level 1 / 7%	10%	Soft	12M	1M-EURIBOR -10bp	✓	✓	✓
CREDIT AGRICOLE HOME LOA	FR0013348802	Mortgages	1,500	AAA / Aaa / AAA / -	CQS 1	Level 1 / 7%	10%	Soft	12M	1M-EURIBOR +3bp	✓	✓	✓
CREDIT AGRICOLE HOME LOA	FR0013368370	Mortgages	500	AAA / Aaa / AAA / -	CQS 1	Level 1 / 7%	10%	Soft	12M	1M-EURIBOR -9bp	✓	✓	✓
CREDIT AGRICOLE HOME LOA	FR0013368388	Mortgages	1,000	AAA / Aaa / AAA / -	CQS 1	Level 1 / 7%	10%	Soft	12M	1M-EURIBOR +12bp	✓	✓	✓
CREDIT AGRICOLE HOME LOA	FR0013393899	Mortgages	1,500	AAA / Aaa / AAA / -	CQS 1	Level 1 / 7%	10%	Soft	12M	1M-EURIBOR +24bp	✓	✓	✓
CREDIT AGRICOLE HOME LOA	FR0013417334	Mortgages	1,250	AAA / Aaa / AAA / -	CQS 1	Level 1 / 7%	10%	Soft	12M	1M-EURIBOR +10bp	✓	✓	✓
CREDIT AGRICOLE HOME LOA	FR0013465010	Mortgages	1,250	AAA / Aaa / AAA / -	CQS 1	Level 1 / 7%	10%	Soft	12M	1M-EURIBOR +4bp	✓	✓	✓
CREDIT AGRICOLE HOME LOA	FR0013487071	Mortgages	1,000	AAA / Aaa / AAA / -	CQS 1	Level 1 / 7%	10%	Soft	12M	1M-EURIBOR +7bp	✓	✓	✓
CREDIT AGRICOLE HOME LOA	FR0013505575	Mortgages	2,000	AAA / Aaa / AAA / -	CQS 1	Level 1 / 7%	10%	Soft	12M	1M-EURIBOR +40bp	✓	✓	✓
CREDIT AGRICOLE PUBLIC S	FR0011508332	Public Loans	1,000	- / Aaa / AAA / -	CQS 1	Level 1 / 7%	10%	Hard	-	-	✓	✓	✓
CREDIT AGRICOLE PUBLIC S	FR0013215688	Public Loans	500	- / Aaa / AAA / -	CQS 1	Level 1 / 7%	10%	Soft	12M	1M-EURIBOR -7bp	✓	✓	✓
CREDIT AGRICOLE PUBLIC S	FR0013267473	Public Loans	500	- / Aaa / AAA / -	CQS 1	Level 1 / 7%	10%	Soft	12M	1M-EURIBOR +3bp	✓	✓	✓
CREDIT AGRICOLE PUBLIC S	FR0013358199	Public Loans	500	- / Aaa / AAA / -	CQS 1	Level 1 / 7%	10%	Soft	12M	1M-EURIBOR +1bp	✓	✓	✓
CREDIT AGRICOLE PUBLIC S	FR0013411600	Public Loans	750	- / Aaa / AAA / -	CQS 1	Level 1 / 7%	10%	Soft	12M	1M-EURIBOR +13bp	✓	✓	✓
CREDIT AGRICOLE PUBLIC S	FR0013446598	Public Loans	750	- / Aaa / AAA / -	CQS 1	Level 1 / 7%	10%	Soft	12M	1M-EURIBOR +10bp	✓	✓	✓
HSBC SFH FRANCE	FR0011470764	Mortgages	1,250	- / Aaa / AAA / -	CQS 1	Level 1 / 7%	10%	Hard	-	-	✓	✓	✓
HSBC SFH FRANCE	FR0013329638	Mortgages	1,000	- / Aaa / AAA / -	CQS 1	Level 1 / 7%	10%	Soft	12M	1M-EURIBOR -7bp	✓	✓	✓
LA BANQUE POST HOME LOAN	FR0011688464	Mortgages	750	- / - / AAA / -	CQS 1	Level 1 / 7%	10%	Hard	-	-	✓	✓	✓
LA BANQUE POST HOME LOAN	FR0012686087	Mortgages	500	- / - / AAA / -	CQS 1	Level 1 / 7%	10%	Soft	12M	1M-EURIBOR -12bp	✓	✓	✓
LA BANQUE POST HOME LOAN	FR0013090578	Mortgages	500	- / - / AAA / -	CQS 1	Level 1 / 7%	10%	Soft	12M	1M-EURIBOR +5bp	✓	✓	✓
LA BANQUE POST HOME LOAN	FR0013232998	Mortgages	500	- / - / AAA / -	CQS 1	Level 1 / 7%	10%	Soft	12M	1M-EURIBOR -2bp	✓	✓	✓
LA BANQUE POST HOME LOAN	FR0013262961	Mortgages	540	- / - / AAA / -	CQS 1	Level 1 / 7%	10%	Soft	12M	1M-EURIBOR ±0bp	✓	✓	✓
LA BANQUE POST HOME LOAN	FR0013313855	Mortgages	750	- / - / AAA / -	CQS 1	Level 1 / 7%	10%	Soft	12M	1M-EURIBOR -8bp	✓	✓	✓
LA BANQUE POST HOME LOAN	FR0013369667	Mortgages	1,000	- / - / AAA / -	CQS 1	Level 1 / 7%	10%	Soft	12M	1M-EURIBOR +3bp	✓	✓	✓
LA BANQUE POST HOME LOAN	FR0013399169	Mortgages	750	- / - / AAA / -	CQS 1	Level 1 / 7%	10%	Soft	12M	1M-EURIBOR +15bp	✓	✓	✓
LA BANQUE POST HOME LOAN	FR0013454733	Mortgages	1,000	- / - / AAA / -	CQS 1	Level 1 / 7%	10%	Soft	12M	1M-EURIBOR +8bp	✓	✓	✓
LA BANQUE POST HOME LOAN	FR0013482890	Mortgages	860	- / - / AAA / -	CQS 1	Level 1 / 7%	10%	Soft	12M	1M-EURIBOR +7bp	✓	✓	✓
MMB SCF	FR0013368263	Mortgages	500	- / - / AAA / -	CQS 1	Level 1 / 7%	10%	Soft	12M	0.750% p.a.	✓	✓	✓
MMB SCF	FR0013447075	Mortgages	500	- / - / AAA / -	CQS 1	Level 1 / 7%	10%	Soft	12M	0.050% p.a.	✓	✓	✓
MMB SCF	FR00140004Q9	Mortgages	500	- / - / AAA / -	CQS 1	Level 1 / 7%	10%	Soft	12M	0.010% p.a.	✓	✓	✓
SOCIETE GENERALE SFH	FR0011001684	Public Loans	1,000	- / Aaa / AAA / -	CQS 1	Level 1 / 7%	10%	Hard	-	-	✓	✓	✓
SOCIETE GENERALE SFH	FR0011859495	Mortgages	750	AAA / Aaa / - / -	CQS 1	Level 1 / 7%	10%	Hard	-	-	✓	✓	✓
SOCIETE GENERALE SFH	FR0012951960	Mortgages	500	AAA / Aaa / - / -	CQS 1	Level 1 / 7%	10%	Soft	12M	0.500% p.a.	✓	✓	✓
SOCIETE GENERALE SFH	FR0013094869	Mortgages	750	AAA / Aaa / - / -	CQS 1	Level 1 / 7%	10%	Soft	12M	0.500% p.a.	✓	✓	✓
SOCIETE GENERALE SFH	FR0013232071	Mortgages	750	AAA / Aaa / - / -	CQS 1	Level 1 / 7%	10%	Soft	12M	0.250% p.a.	✓	✓	✓
SOCIETE GENERALE SFH	FR0013259413	Mortgages	750	AAA / Aaa / - / -	CQS 1	Level 1 / 7%	10%	Soft	12M	0.500% p.a.	✓	✓	✓
SOCIETE GENERALE SFH	FR0013287299	Mortgages	1,000	AAA / Aaa / - / -	CQS 1	Level 1 / 7%	10%	Soft	12M	0.750% p.a.	✓	✓	✓
SOCIETE GENERALE SFH	FR0013310240	Mortgages	750	AAA / Aaa / - / -	CQS 1	Level 1 / 7%	10%	Soft	12M	0.750% p.a.	✓	✓	✓
SOCIETE GENERALE SFH	FR0013345048	Mortgages	750	AAA / Aaa / - / -	CQS 1	Level 1 / 7%	10%	Soft	12M	0.500% p.a.	✓	✓	✓
SOCIETE GENERALE SFH	FR0013358496	Mortgages	750	AAA / Aaa / - / -	CQS 1	Level 1 / 7%	10%	Soft	12M	0.250% p.a.	✓	✓	✓

France	ISIN	Cover Assets	Amount outstanding (EURm)	Rating (Fitch/Moody's/S&P/DBRS)	Credit Quality Step	LCR-Level / Haircut	Risk weight	Maturity structure	Extendible Periode	Interest during extendible period	ECB	EEA	G10
SOCIETE GENERALE SFH	FR0013383585	Mortgages	750	AAA / Aaa / - / -	CQS 1	Level 1 / 7%	10%	Soft	12M	0.500% p.a.	✓	✓	✓
SOCIETE GENERALE SFH	FR0013398831	Mortgages	1,000	AAA / Aaa / - / -	CQS 1	Level 1 / 7%	10%	Soft	12M	0.750% p.a.	✓	✓	✓
SOCIETE GENERALE SFH	FR0013434321	Mortgages	1,000	AAA / Aaa / - / -	CQS 1	Level 1 / 7%	10%	Soft	12M	0.125% p.a.	✓	✓	✓
SOCIETE GENERALE SFH	FR0013481207	Mortgages	1,000	AAA / Aaa / - / -	CQS 1	Level 1 / 7%	10%	Soft	12M	0.010% p.a.	✓	✓	✓
SOCIETE GENERALE SFH	FR0014001QL5	Mortgages	750	AAA / Aaa / - / -	CQS 1	Level 1 / 7%	10%	Soft	12M	0.010% p.a.	✓	✓	✓
Germany	ISIN	Cover Assets	Amount outstanding (EURm)	Rating (Fitch/Moody's/S&P/DBRS)	Credit Quality Step	LCR-Level / Haircut	Risk weight	Maturity structure	Extendible Periode	Interest during extendible period	ECB	EEA	G10
AAREAL BANK AG	DE000AAR0199	Mortgages	500	- / Aaa / - / -	CQS 1	Level 1 / 7%	10%	Hard	-	-	✓	✓	✓
AAREAL BANK AG	DE000AAR0207	Mortgages	500	- / Aaa / - / -	CQS 1	Level 1 / 7%	10%	Hard	-	-	✓	✓	✓
AAREAL BANK AG	DE000AAR0215	Mortgages	500	- / Aaa / - / -	CQS 1	Level 1 / 7%	10%	Hard	-	-	✓	✓	✓
AAREAL BANK AG	DE000AAR0223	Mortgages	500	- / Aaa / - / -	CQS 1	Level 1 / 7%	10%	Hard	-	-	✓	✓	✓
AAREAL BANK AG	DE000AAR0231	Mortgages	750	- / Aaa / - / -	CQS 1	Level 1 / 7%	10%	Hard	-	-	✓	✓	✓
AAREAL BANK AG	DE000AAR0249	Mortgages	750	- / Aaa / - / -	CQS 1	Level 1 / 7%	10%	Hard	-	-	✓	✓	✓
AAREAL BANK AG	DE000AAR0256	Mortgages	500	- / Aaa / - / -	CQS 1	Level 1 / 7%	10%	Hard	-	-	✓	✓	✓
AAREAL BANK AG	DE000AAR0272	Mortgages	500	- / Aaa / - / -	CQS 1	Level 1 / 7%	10%	Hard	-	-	✓	✓	✓
AAREAL BANK AG	DE000AAR0280	Mortgages	500	- / Aaa / - / -	CQS 1	Level 1 / 7%	10%	Hard	-	-	✓	✓	✓
BAUSPAR.SCHWAEBISCH HALL	DE000A3H24G6	Mortgages	500	- / Aaa / - / -	CQS 1	Level 1 / 7%	10%	Hard	-	-	✓	✓	✓
BAYERISCHE LANDESBANK	DE000BLB6JA9	Mortgages	500	- / Aaa / - / -	CQS 1	Level 1 / 7%	10%	Hard	-	-	✓	✓	✓
BAYERISCHE LANDESBANK	DE000BLB6JF8	Mortgages	500	- / Aaa / - / -	CQS 1	Level 1 / 7%	10%	Hard	-	-	✓	✓	✓
BAYERISCHE LANDESBANK	DE000BLB6JG6	Mortgages	500	- / Aaa / - / -	CQS 1	Level 1 / 7%	10%	Hard	-	-	✓	✓	✓
BAYERISCHE LANDESBANK	DE000BLB6H38	Public Loans	500	AAA / Aaa / - / -	CQS 1	Level 1 / 7%	10%	Hard	-	-	✓	✓	✓
BAYERISCHE LANDESBANK	DE000BLB6H46	Public Loans	500	AAA / Aaa / - / -	CQS 1	Level 1 / 7%	10%	Hard	-	-	✓	✓	✓
BAYERISCHE LANDESBANK	DE000BLB6H53	Public Loans	500	AAA / Aaa / - / -	CQS 1	Level 1 / 7%	10%	Hard	-	-	✓	✓	✓
BAYERISCHE LANDESBANK	DE000BLB6H95	Public Loans	500	AAA / Aaa / - / -	CQS 1	Level 1 / 7%	10%	Hard	-	-	✓	✓	✓
BAYERISCHE LANDESBANK	DE000BLB6JB7	Public Loans	500	AAA / Aaa / - / -	CQS 1	Level 1 / 7%	10%	Hard	-	-	✓	✓	✓
BAYERISCHE LANDESBANK	DE000BLB6JC5	Public Loans	650	AAA / Aaa / - / -	CQS 1	Level 1 / 7%	10%	Hard	-	-	✓	✓	✓
BAYERISCHE LANDESBANK	DE000BLB6JD3	Public Loans	500	AAA / Aaa / - / -	CQS 1	Level 1 / 7%	10%	Hard	-	-	✓	✓	✓
BAYERISCHE LANDESBANK	DE000BLB6JE1	Public Loans	500	AAA / Aaa / - / -	CQS 1	Level 1 / 7%	10%	Hard	-	-	✓	✓	✓
BAYERISCHE LANDESBANK	DE000BLB6JH4	Public Loans	500	AAA / Aaa / - / -	CQS 1	Level 1 / 7%	10%	Hard	-	-	✓	✓	✓
BERLIN HYP AG	DE000BHY0GPP5	Mortgages	500	- / Aaa / - / -	CQS 1	Level 1 / 7%	10%	Hard	-	-	✓	✓	✓
BERLIN HYP AG	DE000BHY0BC4	Mortgages	500	- / Aaa / - / -	CQS 1	Level 1 / 7%	10%	Hard	-	-	✓	✓	✓
BERLIN HYP AG	DE000BHY0BE0	Mortgages	500	- / Aaa / - / -	CQS 1	Level 1 / 7%	10%	Hard	-	-	✓	✓	✓
BERLIN HYP AG	DE000BHY0MQ1	Mortgages	500	- / Aaa / - / -	CQS 1	Level 1 / 7%	10%	Hard	-	-	✓	✓	✓
BERLIN HYP AG	DE000BHY0GH2	Mortgages	500	- / Aaa / - / -	CQS 1	Level 1 / 7%	10%	Hard	-	-	✓	✓	✓
BERLIN HYP AG	DE000BHY0MT5	Mortgages	500	- / Aaa / - / -	CQS 1	Level 1 / 7%	10%	Hard	-	-	✓	✓	✓
BERLIN HYP AG	DE000BHY0MX7	Mortgages	500	- / Aaa / - / -	CQS 1	Level 1 / 7%	10%	Hard	-	-	✓	✓	✓
BERLIN HYP AG	DE000BHY0150	Mortgages	732	- / Aaa / - / -	CQS 1	Level 1 / 7%	10%	Hard	-	-	✓	✓	✓
BERLIN HYP AG	DE000BHY0BH3	Mortgages	633	- / Aaa / - / -	CQS 1	Level 1 / 7%	10%	Hard	-	-	✓	✓	✓
BERLIN HYP AG	DE000BHY0GC3	Mortgages	500	- / Aaa / - / -	CQS 1	Level 1 / 7%	10%	Hard	-	-	✓	✓	✓
BERLIN HYP AG	DE000BHY0BQ4	Mortgages	500	- / Aaa / - / -	CQS 1	Level 1 / 7%	10%	Hard	-	-	✓	✓	✓
BERLIN HYP AG	DE000BHY0GL4	Mortgages	500	- / Aaa / - / -	CQS 1	Level 1 / 7%	10%	Hard	-	-	✓	✓	✓

Germany	ISIN	Cover Assets	Amount outstanding (EURm)	Rating (Fitch/Moody's/S&P/DBRS)	Credit Quality Step	LCR-Level / Haircut	Risk weight	Maturity structure	Extendible Periode	Interest during extendible period	ECB	EEA	G10
BERLIN HYP AG	DE000BHYOBS0	Mortgages	841	- / Aaa / - / -	CQS 1	Level 1 / 7%	10%	Hard	-	-	✓	✓	✓
BERLIN HYP AG	DE000BHYOB14	Mortgages	500	- / Aaa / - / -	CQS 1	Level 1 / 7%	10%	Hard	-	-	✓	✓	✓
BERLIN HYP AG	DE000BHY0GD1	Mortgages	500	- / Aaa / - / -	CQS 1	Level 1 / 7%	10%	Hard	-	-	✓	✓	✓
BERLIN HYP AG	DE000BHYOGX9	Mortgages	500	- / Aaa / - / -	CQS 1	Level 1 / 7%	10%	Hard	-	-	✓	✓	✓
BERLIN HYP AG	DE000BHYOC47	Mortgages	500	- / Aaa / - / -	CQS 1	Level 1 / 7%	10%	Hard	-	-	✓	✓	✓
COMMERZBANK AG	DE000CZ40J26	Mortgages	500	- / Aaa / - / -	CQS 1	Level 1 / 7%	10%	Hard	-	-	✓	✓	✓
COMMERZBANK AG	DE000CZ40K20	Mortgages	500	- / Aaa / - / -	CQS 1	Level 1 / 7%	10%	Hard	-	-	✓	✓	✓
COMMERZBANK AG	DE000CZ40LG8	Mortgages	1,000	- / Aaa / - / -	CQS 1	Level 1 / 7%	10%	Hard	-	-	✓	✓	✓
COMMERZBANK AG	DE000CZ40LM6	Mortgages	1,000	- / Aaa / - / -	CQS 1	Level 1 / 7%	10%	Hard	-	-	✓	✓	✓
COMMERZBANK AG	DE000CZ40LQ7	Mortgages	750	- / Aaa / - / -	CQS 1	Level 1 / 7%	10%	Hard	-	-	✓	✓	✓
COMMERZBANK AG	DE000CZ40LS3	Mortgages	1,000	- / Aaa / - / -	CQS 1	Level 1 / 7%	10%	Hard	-	-	✓	✓	✓
COMMERZBANK AG	DE000CZ40MB7	Mortgages	1,000	- / Aaa / - / -	CQS 1	Level 1 / 7%	10%	Hard	-	-	✓	✓	✓
COMMERZBANK AG	DE000CZ40MN2	Mortgages	500	- / Aaa / - / -	CQS 1	Level 1 / 7%	10%	Hard	-	-	✓	✓	✓
COMMERZBANK AG	DE000CZ40MQ5	Mortgages	750	- / Aaa / - / -	CQS 1	Level 1 / 7%	10%	Hard	-	-	✓	✓	✓
COMMERZBANK AG	DE000CZ40MU7	Mortgages	1,000	- / Aaa / - / -	CQS 1	Level 1 / 7%	10%	Hard	-	-	✓	✓	✓
COMMERZBANK AG	DE000CZ40MW3	Mortgages	1,000	- / Aaa / - / -	CQS 1	Level 1 / 7%	10%	Hard	-	-	✓	✓	✓
COMMERZBANK AG	DE000CZ40NB5	Mortgages	500	- / Aaa / - / -	CQS 1	Level 1 / 7%	10%	Hard	-	-	✓	✓	✓
COMMERZBANK AG	DE000CZ40NNO	Mortgages	1,000	- / Aaa / - / -	CQS 1	Level 1 / 7%	10%	Hard	-	-	✓	✓	✓
COMMERZBANK AG	DE000CZ40NP5	Mortgages	1,000	- / Aaa / - / -	CQS 1	Level 1 / 7%	10%	Hard	-	-	✓	✓	✓
COMMERZBANK AG	DE000CZ45VF8	Mortgages	500	- / Aaa / - / -	CQS 1	Level 1 / 7%	10%	Hard	-	-	✓	✓	✓
COMMERZBANK AG	DE000CZ45V51	Mortgages	1,250	- / Aaa / - / -	CQS 1	Level 1 / 7%	10%	Hard	-	-	✓	✓	✓
DEUT APOTHEKE AERZTEBANK	XS1376323652	Mortgages	500	- / - / AAA / -	CQS 1	Level 1 / 7%	10%	Hard	-	-	✓	✓	✓
DEUT APOTHEKE AERZTEBANK	XS1693853944	Mortgages	500	- / - / AAA / -	CQS 1	Level 1 / 7%	10%	Hard	-	-	✓	✓	✓
DEUT APOTHEKE AERZTEBANK	XS1770021860	Mortgages	500	- / - / AAA / -	CQS 1	Level 1 / 7%	10%	Hard	-	-	✓	✓	✓
DEUT APOTHEKE AERZTEBANK	XS1852086211	Mortgages	500	- / - / AAA / -	CQS 1	Level 1 / 7%	10%	Hard	-	-	✓	✓	✓
DEUT APOTHEKE AERZTEBANK	XS2079126467	Mortgages	500	- / - / AAA / -	CQS 1	Level 1 / 7%	10%	Hard	-	-	✓	✓	✓
DEUT APOTHEKE AERZTEBANK	XS2113737097	Mortgages	500	- / - / AAA / -	CQS 1	Level 1 / 7%	10%	Hard	-	-	✓	✓	✓
DEUT PFANDBRIEFBANK AG	DE000A13SWC0	Mortgages	750	- / Aa1 / - / -	CQS 1	Level 1 / 7%	10%	Hard	-	-	✓	✓	✓
DEUT PFANDBRIEFBANK AG	DE000A2E4ZE9	Mortgages	750	- / Aa1 / - / -	CQS 1	Level 1 / 7%	10%	Hard	-	-	✓	✓	✓
DEUT PFANDBRIEFBANK AG	DE000A2GSLF9	Mortgages	750	- / Aa1 / - / -	CQS 1	Level 1 / 7%	10%	Hard	-	-	✓	✓	✓
DEUT PFANDBRIEFBANK AG	DE000A2GSLL7	Mortgages	600	- / Aa1 / - / -	CQS 1	Level 1 / 7%	10%	Hard	-	-	✓	✓	✓
DEUT PFANDBRIEFBANK AG	DE000A2GSLV6	Mortgages	600	- / Aa1 / - / -	CQS 1	Level 1 / 7%	10%	Hard	-	-	✓	✓	✓
DEUT PFANDBRIEFBANK AG	DE000A2LQNP8	Mortgages	750	- / Aa1 / - / -	CQS 1	Level 1 / 7%	10%	Hard	-	-	✓	✓	✓
DEUT PFANDBRIEFBANK AG	DE000A2YNVM8	Mortgages	500	- / Aa1 / - / -	CQS 1	Level 1 / 7%	10%	Hard	-	-	✓	✓	✓
DEUT PFANDBRIEFBANK AG	DE000A2YNVY3	Mortgages	750	- / Aa1 / - / -	CQS 1	Level 1 / 7%	10%	Hard	-	-	✓	✓	✓
DEUT PFANDBRIEFBANK AG	DE000A1R06C5	Public Loans	700	- / Aa1 / - / -	CQS 1	Level 1 / 7%	10%	Hard	-	-	✓	✓	✓
DEUT PFANDBRIEFBANK AG	DE000A13SWG1	Public Loans	800	- / Aa1 / - / -	CQS 1	Level 1 / 7%	10%	Hard	-	-	✓	✓	✓
DEUTSCHE BANK AG	DE000DL19U15	Mortgages (CPT)	500	- / Aa1 / - / AA	CQS 1	not eligible	20%	CPT	n/a	n/a	✓	✓	✓
DEUTSCHE BANK AG	DE000DB5DCN5	Mortgages	500	- / Aaa / - / -	CQS 1	Level 1 / 7%	10%	Hard	-	-	✓	✓	✓
DEUTSCHE BANK AG	DE000DL19SH3	Mortgages	1,000	- / Aaa / - / -	CQS 1	Level 1 / 7%	10%	Hard	-	-	✓	✓	✓
DEUTSCHE BANK AG	DE000DL19S01	Mortgages	750	- / Aaa / - / -	CQS 1	Level 1 / 7%	10%	Hard	-	-	✓	✓	✓
DEUTSCHE BANK AG	DE000DL19S68	Mortgages	500	- / Aaa / - / -	CQS 1	Level 1 / 7%	10%	Hard	-	-	✓	✓	✓

Germany	ISIN	Cover Assets	Amount outstanding (EURm)	Rating (Fitch/Moody's/S&P/DBRS)	Credit Quality Step	LCR-Level / Haircut	Risk weight	Maturity structure	Extendible Periode	Interest during extendible period	ECB	EEA	G10
DEUTSCHE BANK AG	DE000DL19T67	Mortgages	500	- / Aaa / - / -	CQS 1	Level 1 / 7%	10%	Hard	-	-	✓	✓	✓
DEUTSCHE BANK AG	DE000DL19UA4	Mortgages	500	- / Aaa / - / -	CQS 1	Level 1 / 7%	10%	Hard	-	-	✓	✓	✓
DEUTSCHE BANK AG	DE000DL19UM9	Mortgages	500	- / Aaa / - / -	CQS 1	Level 1 / 7%	10%	Hard	-	-	✓	✓	✓
DEUTSCHE BANK AG	DE000DL19UW8	Mortgages	500	- / Aaa / - / -	CQS 1	Level 1 / 7%	10%	Hard	-	-	✓	✓	✓
DEUTSCHE BANK AG	DE000DL19U31	Mortgages	500	- / Aaa / - / -	CQS 1	Level 1 / 7%	10%	Hard	-	-	✓	✓	✓
DEUTSCHE HYPOTHEKENBANK	DE000DHY4457	Mortgages	750	- / Aa1 / - / -	CQS 1	Level 1 / 7%	10%	Hard	-	-	✓	✓	✓
DEUTSCHE HYPOTHEKENBANK	DE000DHY4614	Mortgages	750	- / Aa1 / - / -	CQS 1	Level 1 / 7%	10%	Hard	-	-	✓	✓	✓
DEUTSCHE HYPOTHEKENBANK	DE000DHY4648	Mortgages	750	- / Aa1 / - / -	CQS 1	Level 1 / 7%	10%	Hard	-	-	✓	✓	✓
DEUTSCHE HYPOTHEKENBANK	DE000DHY4861	Mortgages	750	- / Aa1 / - / -	CQS 1	Level 1 / 7%	10%	Hard	-	-	✓	✓	✓
DEUTSCHE HYPOTHEKENBANK	DE000DHY4887	Mortgages	500	- / Aa1 / - / -	CQS 1	Level 1 / 7%	10%	Hard	-	-	✓	✓	✓
DEUTSCHE HYPOTHEKENBANK	DE000DHY4960	Mortgages	750	- / Aa1 / - / -	CQS 1	Level 1 / 7%	10%	Hard	-	-	✓	✓	✓
DEUTSCHE HYPOTHEKENBANK	DE000DHY4994	Mortgages	500	- / Aa1 / - / -	CQS 1	Level 1 / 7%	10%	Hard	-	-	✓	✓	✓
DEUTSCHE HYPOTHEKENBANK	DE000DHY5025	Mortgages	750	- / Aa1 / - / -	CQS 1	Level 1 / 7%	10%	Hard	-	-	✓	✓	✓
DEUTSCHE HYPOTHEKENBANK	DE000DHY5066	Mortgages	500	- / Aa1 / - / -	CQS 1	Level 1 / 7%	10%	Hard	-	-	✓	✓	✓
DEUTSCHE HYPOTHEKENBANK	DE000DHY5074	Mortgages	500	- / Aa1 / - / -	CQS 1	Level 1 / 7%	10%	Hard	-	-	✓	✓	✓
DEUTSCHE KREDITBANK AG	DE000DKB0333	Mortgages	800	- / Aaa / - / -	CQS 1	Level 1 / 7%	10%	Hard	-	-	✓	✓	✓
DEUTSCHE KREDITBANK AG	DE000DKB0432	Mortgages	500	- / Aaa / - / -	CQS 1	Level 1 / 7%	10%	Hard	-	-	✓	✓	✓
DEUTSCHE KREDITBANK AG	DE000DKB0440	Public Loans	500	- / Aaa / - / -	CQS 1	Level 1 / 7%	10%	Hard	-	-	✓	✓	✓
DEUTSCHE KREDITBANK AG	DE000SCB0005	Public Loans	500	- / Aaa / - / -	CQS 1	Level 1 / 7%	10%	Hard	-	-	✓	✓	✓
DEUTSCHE KREDITBANK AG	DE000SCB0021	Public Loans	500	- / Aaa / - / -	CQS 1	Level 1 / 7%	10%	Hard	-	-	✓	✓	✓
DZ HYP AG	DE000A12UGG2	Mortgages	750	- / - / AAA / -	CQS 1	Level 1 / 7%	10%	Hard	-	-	✓	✓	✓
DZ HYP AG	DE000A13SR38	Mortgages	750	- / - / AAA / -	CQS 1	Level 1 / 7%	10%	Hard	-	-	✓	✓	✓
DZ HYP AG	DE000A14J5J4	Mortgages	750	- / - / AAA / -	CQS 1	Level 1 / 7%	10%	Hard	-	-	✓	✓	✓
DZ HYP AG	DE000A13SWZ1	Mortgages	500	- / - / AAA / -	CQS 1	Level 1 / 7%	10%	Hard	-	-	✓	✓	✓
DZ HYP AG	DE000A14KK32	Mortgages	500	- / - / AAA / -	CQS 1	Level 1 / 7%	10%	Hard	-	-	✓	✓	✓
DZ HYP AG	DE000A161ZL4	Mortgages	500	- / - / AAA / -	CQS 1	Level 1 / 7%	10%	Hard	-	-	✓	✓	✓
DZ HYP AG	DE000A161ZQ3	Mortgages	875	- / - / AAA / -	CQS 1	Level 1 / 7%	10%	Hard	-	-	✓	✓	✓
DZ HYP AG	DE000A14KKJ5	Mortgages	500	- / - / AAA / -	CQS 1	Level 1 / 7%	10%	Hard	-	-	✓	✓	✓
DZ HYP AG	DE000A161ZU5	Mortgages	500	- / - / AAA / -	CQS 1	Level 1 / 7%	10%	Hard	-	-	✓	✓	✓
DZ HYP AG	DE000A14KKM9	Mortgages	500	- / - / AAA / -	CQS 1	Level 1 / 7%	10%	Hard	-	-	✓	✓	✓
DZ HYP AG	DE000A2AAX45	Mortgages	500	- / - / AAA / -	CQS 1	Level 1 / 7%	10%	Hard	-	-	✓	✓	✓
DZ HYP AG	DE000A2AAW12	Mortgages	500	- / - / AAA / -	CQS 1	Level 1 / 7%	10%	Hard	-	-	✓	✓	✓
DZ HYP AG	DE000A2BPJ45	Mortgages	500	- / - / AAA / -	CQS 1	Level 1 / 7%	10%	Hard	-	-	✓	✓	✓
DZ HYP AG	DE000A2AAW53	Mortgages	500	- / - / AAA / -	CQS 1	Level 1 / 7%	10%	Hard	-	-	✓	✓	✓
DZ HYP AG	DE000A2BPJ78	Mortgages	500	- / - / AAA / -	CQS 1	Level 1 / 7%	10%	Hard	-	-	✓	✓	✓
DZ HYP AG	DE000A2BPJ86	Mortgages	750	- / - / AAA / -	CQS 1	Level 1 / 7%	10%	Hard	-	-	✓	✓	✓
DZ HYP AG	DE000A2GSP56	Mortgages	750	- / - / AAA / -	CQS 1	Level 1 / 7%	10%	Hard	-	-	✓	✓	✓
DZ HYP AG	DE000A2G9HC8	Mortgages	500	- / - / AAA / -	CQS 1	Level 1 / 7%	10%	Hard	-	-	✓	✓	✓
DZ HYP AG	DE000A2G9HD6	Mortgages	500	- / - / AAA / -	CQS 1	Level 1 / 7%	10%	Hard	-	-	✓	✓	✓
DZ HYP AG	DE000A2G9HE4	Mortgages	1,000	- / - / AAA / -	CQS 1	Level 1 / 7%	10%	Hard	-	-	✓	✓	✓
DZ HYP AG	DE000A2G9HL9	Mortgages	750	- / - / AAA / -	CQS 1	Level 1 / 7%	10%	Hard	-	-	✓	✓	✓
DZ HYP AG	DE000A2NB841	Mortgages	500	- / - / AAA / -	CQS 1	Level 1 / 7%	10%	Hard	-	-	✓	✓	✓

Germany	ISIN	Cover Assets	Amount outstanding (EURm)	Rating (Fitch/Moody's/S&P/DBRS)	Credit Quality Step	LCR-Level / Haircut	Risk weight	Maturity structure	Extendible Periode	Interest during extendible period	ECB	EEA	G10
DZ HYP AG	DE000A2TSDV6	Mortgages	750	- / - / AAA / -	CQS 1	Level 1 / 7%	10%	Hard	-	-	✓	✓	✓
DZ HYP AG	DE000A2TSDW4	Mortgages	1,000	- / - / AAA / -	CQS 1	Level 1 / 7%	10%	Hard	-	-	✓	✓	✓
DZ HYP AG	DE000A2TSDY0	Mortgages	500	- / - / AAA / -	CQS 1	Level 1 / 7%	10%	Hard	-	-	✓	✓	✓
DZ HYP AG	DE000A2TSD55	Mortgages	750	- / - / AAA / -	CQS 1	Level 1 / 7%	10%	Hard	-	-	✓	✓	✓
DZ HYP AG	DE000A289PA7	Mortgages	1,000	- / - / AAA / -	CQS 1	Level 1 / 7%	10%	Hard	-	-	✓	✓	✓
DZ HYP AG	DE000A289PC3	Mortgages	1,000	- / - / AAA / -	CQS 1	Level 1 / 7%	10%	Hard	-	-	✓	✓	✓
DZ HYP AG	DE000A289PH2	Mortgages	1,000	- / - / AAA / -	CQS 1	Level 1 / 7%	10%	Hard	-	-	✓	✓	✓
DZ HYP AG	DE000A3H2TK9	Mortgages	1,000	- / - / AAA / -	CQS 1	Level 1 / 7%	10%	Hard	-	-	✓	✓	✓
DZ HYP AG	DE000A2TSDZ7	Public Loans	500	- / - / AAA / -	CQS 1	Level 1 / 7%	10%	Hard	-	-	✓	✓	✓
HAMBURG COMMERCIAL BANK	DE000HSH40E5	Mortgages	500	- / Aa2 / - / -	CQS 1	Level 1 / 7%	10%	Hard	-	-	✓	✓	✓
HAMBURG COMMERCIAL BANK	DE000HSH5Y29	Mortgages	772	- / Aa2 / - / -	CQS 1	Level 1 / 7%	10%	Hard	-	-	✓	✓	✓
HAMBURG COMMERCIAL BANK	DE000HSH6K16	Mortgages	500	- / Aa2 / - / -	CQS 1	Level 1 / 7%	10%	Hard	-	-	✓	✓	✓
HAMBURG COMMERCIAL BANK	DE000HSH6K32	Mortgages	500	- / Aa2 / - / -	CQS 1	Level 1 / 7%	10%	Hard	-	-	✓	✓	✓
HAMBURGER SPARKASSE	DE000A2DAFL4	Mortgages	500	- / Aaa / - / -	CQS 1	Level 1 / 7%	10%	Hard	-	-	✓	✓	✓
HAMBURGER SPARKASSE	DE000A2LQQ01	Mortgages	500	- / Aaa / - / -	CQS 1	Level 1 / 7%	10%	Hard	-	-	✓	✓	✓
HAMBURGER SPARKASSE	DE000A254YU1	Mortgages	500	- / Aaa / - / -	CQS 1	Level 1 / 7%	10%	Hard	-	-	✓	✓	✓
ING-DIBA AG	DE000A1KRJQ6	Mortgages	500	- / Aaa / - / -	CQS 1	Level 1 / 7%	10%	Hard	-	-	✓	✓	✓
ING-DIBA AG	DE000A1KRJR4	Mortgages	1,000	- / Aaa / - / -	CQS 1	Level 1 / 7%	10%	Hard	-	-	✓	✓	✓
ING-DIBA AG	DE000A1KRJS2	Mortgages	500	- / Aaa / - / -	CQS 1	Level 1 / 7%	10%	Hard	-	-	✓	✓	✓
ING-DIBA AG	DE000A1KRJT0	Mortgages	750	- / Aaa / - / -	CQS 1	Level 1 / 7%	10%	Hard	-	-	✓	✓	✓
ING-DIBA AG	DE000A1KRJU8	Mortgages	750	- / Aaa / - / -	CQS 1	Level 1 / 7%	10%	Hard	-	-	✓	✓	✓
LANDBK HESSEN-THUERINGEN	XS1767931477	Mortgages	1,000	AAA / - / - / -	CQS 1	Level 1 / 7%	10%	Hard	-	-	✓	✓	✓
LANDBK HESSEN-THUERINGEN	XS1793271716	Mortgages	1,000	AAA / - / - / -	CQS 1	Level 1 / 7%	10%	Hard	-	-	✓	✓	✓
LANDBK HESSEN-THUERINGEN	XS1883355601	Mortgages	1,000	AAA / - / - / -	CQS 1	Level 1 / 7%	10%	Hard	-	-	✓	✓	✓
LANDBK HESSEN-THUERINGEN	XS2022037795	Mortgages	750	AAA / - / - / -	CQS 1	Level 1 / 7%	10%	Hard	-	-	✓	✓	✓
LANDBK HESSEN-THUERINGEN	XS2106576494	Mortgages	1,250	AAA / - / - / -	CQS 1	Level 1 / 7%	10%	Hard	-	-	✓	✓	✓
LANDBK HESSEN-THUERINGEN	XS0946693834	Public Loans	1,000	AAA / Aaa / - / -	CQS 1	Level 1 / 7%	10%	Hard	-	-	✓	✓	✓
LANDBK HESSEN-THUERINGEN	XS1382379318	Public Loans	1,000	AAA / Aaa / - / -	CQS 1	Level 1 / 7%	10%	Hard	-	-	✓	✓	✓
LANDBK HESSEN-THUERINGEN	XS1548773982	Public Loans	1,000	AAA / Aaa / - / -	CQS 1	Level 1 / 7%	10%	Hard	-	-	✓	✓	✓
LANDBK HESSEN-THUERINGEN	XS1793273092	Public Loans	1,000	AAA / Aaa / - / -	CQS 1	Level 1 / 7%	10%	Hard	-	-	✓	✓	✓
LANDBK HESSEN-THUERINGEN	XS1936190021	Public Loans	1,500	AAA / Aaa / - / -	CQS 1	Level 1 / 7%	10%	Hard	-	-	✓	✓	✓
LANDBK HESSEN-THUERINGEN	XS1936186425	Public Loans	750	AAA / Aaa / - / -	CQS 1	Level 1 / 7%	10%	Hard	-	-	✓	✓	✓
LANDBK HESSEN-THUERINGEN	XS2056484889	Public Loans	1,000	AAA / Aaa / - / -	CQS 1	Level 1 / 7%	10%	Hard	-	-	✓	✓	✓
LANDBK HESSEN-THUERINGEN	XS2106579670	Public Loans	750	AAA / Aaa / - / -	CQS 1	Level 1 / 7%	10%	Hard	-	-	✓	✓	✓
LB BADEN-WUERTTEMBERG	DE000LB1DRT9	Mortgages	1,000	- / Aaa / - / -	CQS 1	Level 1 / 7%	10%	Hard	-	-	✓	✓	✓
LB BADEN-WUERTTEMBERG	DE000LB1DSM2	Mortgages	1,000	- / Aaa / - / -	CQS 1	Level 1 / 7%	10%	Hard	-	-	✓	✓	✓
LB BADEN-WUERTTEMBERG	DE000LB1M2X2	Mortgages	1,000	- / Aaa / - / -	CQS 1	Level 1 / 7%	10%	Hard	-	-	✓	✓	✓
LB BADEN-WUERTTEMBERG	DE000LB1P9C8	Mortgages	500	- / Aaa / - / -	CQS 1	Level 1 / 7%	10%	Hard	-	-	✓	✓	✓
LB BADEN-WUERTTEMBERG	DE000LB125N3	Mortgages	750	- / Aaa / - / -	CQS 1	Level 1 / 7%	10%	Hard	-	-	✓	✓	✓
LB BADEN-WUERTTEMBERG	DE000LB2CQG8	Mortgages	750	- / Aaa / - / -	CQS 1	Level 1 / 7%	10%	Hard	-	-	✓	✓	✓
LB BADEN-WUERTTEMBERG	DE000LB01ZU3	Public Loans	500	- / Aaa / - / -	CQS 1	Level 1 / 7%	10%	Hard	-	-	✓	✓	✓
LB BADEN-WUERTTEMBERG	DE000LB06CF2	Public Loans	1,000	- / Aaa / - / -	CQS 1	Level 1 / 7%	10%	Hard	-	-	✓	✓	✓

Germany	ISIN	Cover Assets	Amount outstanding (EURm)	Rating (Fitch/Moody's/S&P/DBRS)	Credit Quality Step	LCR-Level / Haircut	Risk weight	Maturity structure	Extendible Periode	Interest during extendible period	ECB	EEA	G10
LB BADEN-WUERTTEMBERG	DE000LB12650	Public Loans	500	- / Aaa / - / -	CQS 1	Level 1 / 7%	10%	Hard	-	-	✓	✓	✓
LB BADEN-WUERTTEMBERG	DE000LB2CMY0	Public Loans	650	- / Aaa / - / -	CQS 1	Level 1 / 7%	10%	Hard	-	-	✓	✓	✓
LB BADEN-WUERTTEMBERG	DE000LB2CTH0	Public Loans	500	- / Aaa / - / -	CQS 1	Level 1 / 7%	10%	Hard	-	-	✓	✓	✓
MUENCHENER HYPOTHEKENBNK	DE000MHB06J1	Mortgages	1,125	- / Aaa / - / -	CQS 1	Level 1 / 7%	10%	Hard	-	-	✓	✓	✓
MUENCHENER HYPOTHEKENBNK	DE000MHB10J3	Mortgages	1,000	- / Aaa / - / -	CQS 1	Level 1 / 7%	10%	Hard	-	-	✓	✓	✓
MUENCHENER HYPOTHEKENBNK	DE000MHB12J9	Mortgages	500	- / Aaa / - / -	CQS 1	Level 1 / 7%	10%	Hard	-	-	✓	✓	✓
MUENCHENER HYPOTHEKENBNK	DE000MHB13J7	Mortgages	750	- / Aaa / - / -	CQS 1	Level 1 / 7%	10%	Hard	-	-	✓	✓	✓
MUENCHENER HYPOTHEKENBNK	DE000MHB14J5	Mortgages	750	- / Aaa / - / -	CQS 1	Level 1 / 7%	10%	Hard	-	-	✓	✓	✓
MUENCHENER HYPOTHEKENBNK	DE000MHB17J8	Mortgages	750	- / Aaa / - / -	CQS 1	Level 1 / 7%	10%	Hard	-	-	✓	✓	✓
MUENCHENER HYPOTHEKENBNK	DE000MHB18J6	Mortgages	750	- / Aaa / - / -	CQS 1	Level 1 / 7%	10%	Hard	-	-	✓	✓	✓
MUENCHENER HYPOTHEKENBNK	DE000MHB19J4	Mortgages	750	- / Aaa / - / -	CQS 1	Level 1 / 7%	10%	Hard	-	-	✓	✓	✓
MUENCHENER HYPOTHEKENBNK	DE000MHB20J2	Mortgages	750	- / Aaa / - / -	CQS 1	Level 1 / 7%	10%	Hard	-	-	✓	✓	✓
MUENCHENER HYPOTHEKENBNK	DE000MHB21J0	Mortgages	500	- / Aaa / - / -	CQS 1	Level 1 / 7%	10%	Hard	-	-	✓	✓	✓
MUENCHENER HYPOTHEKENBNK	DE000MHB22J8	Mortgages	500	- / Aaa / - / -	CQS 1	Level 1 / 7%	10%	Hard	-	-	✓	✓	✓
MUENCHENER HYPOTHEKENBNK	DE000MHB24J4	Mortgages	500	- / Aaa / - / -	CQS 1	Level 1 / 7%	10%	Hard	-	-	✓	✓	✓
MUENCHENER HYPOTHEKENBNK	DE000MHB25J1	Mortgages	500	- / Aaa / - / -	CQS 1	Level 1 / 7%	10%	Hard	-	-	✓	✓	✓
MUENCHENER HYPOTHEKENBNK	DE000MHB26J9	Mortgages	500	- / Aaa / - / -	CQS 1	Level 1 / 7%	10%	Hard	-	-	✓	✓	✓
MUENCHENER HYPOTHEKENBNK	DE000MHB27J7	Mortgages	500	- / Aaa / - / -	CQS 1	Level 1 / 7%	10%	Hard	-	-	✓	✓	✓
NORDDEUTSCHE LANDESBANK	DE000NLB2TD7	Mortgages	1,000	- / Aa1 / - / -	CQS 1	Level 1 / 7%	10%	Hard	-	-	✓	✓	✓
NORDDEUTSCHE LANDESBANK	DE000NLB85X6	Public Loans	750	- / Aa1 / - / -	CQS 1	Level 1 / 7%	10%	Hard	-	-	✓	✓	✓
NORDDEUTSCHE LANDESBANK	DE000NLB8739	Public Loans	800	- / Aa1 / - / -	CQS 1	Level 1 / 7%	10%	Hard	-	-	✓	✓	✓
NORDDEUTSCHE LANDESBANK	DE000NLB2Q36	Public Loans	500	- / Aa1 / - / -	CQS 1	Level 1 / 7%	10%	Hard	-	-	✓	✓	✓
SANTANDER CONSUMER BANK	XS1727499680	Mortgages	500	AAA / Aaa / - / -	CQS 1	Level 1 / 7%	10%	Hard	-	-	✓	✓	✓
SANTANDER CONSUMER BANK	XS2114143758	Mortgages	500	AAA / Aaa / - / -	CQS 1	Level 1 / 7%	10%	Hard	-	-	✓	✓	✓
SPARKASSE KOELNBONN	DE000SK003B9	Mortgages	500	- / Aaa / - / -	CQS 1	Level 1 / 7%	10%	Hard	-	-	✓	✓	✓
SPARKASSE KOELNBONN	DE000SK003C7	Mortgages	500	- / Aaa / - / -	CQS 1	Level 1 / 7%	10%	Hard	-	-	✓	✓	✓
UNICREDIT BANK AG	DE000HV2AGL5	Mortgages	500	- / Aaa / - / -	CQS 1	Level 1 / 7%	10%	Hard	-	-	✓	✓	✓
UNICREDIT BANK AG	DE000HV2AK00	Mortgages	500	- / Aaa / - / -	CQS 1	Level 1 / 7%	10%	Hard	-	-	✓	✓	✓
UNICREDIT BANK AG	DE000HV2AL33	Mortgages	500	- / Aaa / - / -	CQS 1	Level 1 / 7%	10%	Hard	-	-	✓	✓	✓
UNICREDIT BANK AG	DE000HV2AMT6	Mortgages	750	- / Aaa / - / -	CQS 1	Level 1 / 7%	10%	Hard	-	-	✓	✓	✓
UNICREDIT BANK AG	DE000HV2ANM9	Mortgages	500	- / Aaa / - / -	CQS 1	Level 1 / 7%	10%	Hard	-	-	✓	✓	✓
UNICREDIT BANK AG	DE000HV2ART5	Mortgages	750	- / Aaa / - / -	CQS 1	Level 1 / 7%	10%	Hard	-	-	✓	✓	✓
UNICREDIT BANK AG	DE000HV2ARM0	Mortgages	1,000	- / Aaa / - / -	CQS 1	Level 1 / 7%	10%	Hard	-	-	✓	✓	✓
UNICREDIT BANK AG	DE000HV2ASK2	Mortgages	1,000	- / Aaa / - / -	CQS 1	Level 1 / 7%	10%	Hard	-	-	✓	✓	✓
UNICREDIT BANK AG	DE000HV2AST3	Mortgages	750	- / Aaa / - / -	CQS 1	Level 1 / 7%	10%	Hard	-	-	✓	✓	✓
UNICREDIT BANK AG	DE000HV2ASU1	Mortgages	1,000	- / Aaa / - / -	CQS 1	Level 1 / 7%	10%	Hard	-	-	✓	✓	✓
UNICREDIT BANK AG	DE000HV2AS10	Mortgages	1,250	- / Aaa / - / -	CQS 1	Level 1 / 7%	10%	Hard	-	-	✓	✓	✓
UNICREDIT BANK AG	DE000HV2AYA1	Mortgages	1,000	- / Aaa / - / -	CQS 1	Level 1 / 7%	10%	Hard	-	-	✓	✓	✓
UNICREDIT BANK AG	DE000HV2ATM6	Mortgages	1,000	- / Aaa / - / -	CQS 1	Level 1 / 7%	10%	Hard	-	-	✓	✓	✓
UNICREDIT BANK AG	DE000HV2AX54	Mortgages	500	- / Aaa / - / -	CQS 1	Level 1 / 7%	10%	Hard	-	-	✓	✓	✓
UNICREDIT BANK AG	DE000HV2AYD5	Mortgages	750	- / Aaa / - / -	CQS 1	Level 1 / 7%	10%	Hard	-	-	✓	✓	✓
WUESTENROT BAUSPARKASSE	DE000WBP0A79	Mortgages	500	- / - / AAA / -	CQS 1	Level 1 / 7%	10%	Hard	-	-	✓	✓	✓

Ireland	ISIN	Cover Assets	Amount outstanding (EURm)	Rating (Fitch/Moody's/S&P/DBRS)	Credit Quality Step	LCR-Level / Haircut	Risk weight	Maturity structure	Extendible Periode	Interest during extendible period	ECB	EEA	G10
AIB MORTGAGE BANK	XS1357663050	Mortgages	1,000	- / Aaa / AAA / -	CQS 1	Level 1 / 7%	10%	Soft	12M	1M-EURIBOR +54bp	✓	✓	✗
BANK OF IRELAND MTGE BNK	XS1228148158	Mortgages	955	- / Aaa / - / -	CQS 1	Level 1 / 7%	10%	Soft	12M	1M-EURIBOR +5bp	✓	✓	✗
BANK OF IRELAND MTGE BNK	XS1791443440	Mortgages	750	- / Aaa / - / -	CQS 1	Level 1 / 7%	10%	Soft	12M	1M-EURIBOR +6bp	✓	✓	✗
Italy	ISIN	Cover Assets	Amount outstanding (EURm)	Rating (Fitch/Moody's/S&P/DBRS)	Credit Quality Step	LCR-Level / Haircut	Risk weight	Maturity structure	Extendible Periode	Interest during extendible period	ECB	EEA	G10
BANCA MONTE DEI PASCHI S	IT0005038283	Mortgages (OBG 1)	1,500	A+ / Aa3 / - / AAL	CQS 1	Level 1 / 7%	10%	CPT	38Y	3M-EURIBOR +148bp	✓	✓	✓
BANCA MONTE DEI PASCHI S	IT0005151854	Mortgages (OBG 1)	1,000	A+ / Aa3 / - / AAL	CQS 1	Level 1 / 7%	10%	CPT	38Y	3M-EURIBOR +127bp	✓	✓	✓
BANCA MONTE DEI PASCHI S	IT0005359507	Mortgages (OBG 1)	1,000	A+ / Aa3 / - / AAL	CQS 1	Level 1 / 7%	10%	CPT	38Y	3M-EURIBOR +190bp	✓	✓	✓
BANCA MONTE DEI PASCHI S	IT0005386922	Mortgages (OBG 1)	1,000	A+ / Aa3 / - / AAL	CQS 1	Level 1 / 7%	10%	CPT	38Y	3M-EURIBOR +125bp	✓	✓	✓
BANCA POPOLARE SONDRIO	IT0005175242	Mortgages	500	AA- / - / - / -	CQS 1	Level 1 / 7%	10%	Soft	12M	1M-EURIBOR +52bp	✓	✓	✓
BANCO BPM SPA	IT0005090516	Mortgages (OBG 1)	1,000	- / Aa3 / - / A	CQS 2	Level 2A / 15%	20%	Soft	12M	3M-EURIBOR +28bp	✓	✓	✓
BANCO BPM SPA	IT0005135725	Mortgages (OBG 2)	1,000	- / Aa3 / - / -	CQS 1	Level 1 / 7%	10%	Soft	12M	3M-EURIBOR +25bp	✓	✓	✓
BANCO BPM SPA	IT0005153975	Mortgages (OBG 2)	750	- / Aa3 / - / -	CQS 1	Level 1 / 7%	10%	Soft	12M	1M-EURIBOR +78bp	✓	✓	✓
BANCO BPM SPA	IT0005199465	Mortgages (OBG 2)	750	- / Aa3 / - / -	CQS 1	Level 1 / 7%	10%	Soft	12M	1M-EURIBOR +46bp	✓	✓	✓
BANCO BPM SPA	IT0005321663	Mortgages (OBG 2)	750	- / Aa3 / - / -	CQS 1	Level 1 / 7%	10%	Soft	12M	1M-EURIBOR +40bp	✓	✓	✓
BANCO BPM SPA	IT0005340374	Mortgages (OBG 2)	500	- / Aa3 / - / -	CQS 1	Level 1 / 7%	10%	Soft	12M	1M-EURIBOR +95bp	✓	✓	✓
BANCO DESIO DELLA BRIANZ	IT0005277451	Mortgages	575	AA- / - / - / -	CQS 1	Level 1 / 7%	10%	Soft	12M	1M-EURIBOR +57bp	✓	✓	✓
BANCO DESIO DELLA BRIANZ	IT0005380446	Mortgages	500	AA- / - / - / -	CQS 1	Level 1 / 7%	10%	Soft	12M	1M-EURIBOR +50bp	✓	✓	✓
BPER BANCA	IT0005339996	Mortgages	500	- / Aa3 / - / -	CQS 1	Level 1 / 7%	10%	Soft	12M	3M-EURIBOR +85bp	✓	✓	✓
BPER BANCA	IT0005365710	Mortgages	600	- / Aa3 / - / -	CQS 1	Level 1 / 7%	10%	Soft	12M	3M-EURIBOR +90bp	✓	✓	✓
CREDIT AGRICOLE ITALIA	IT0005121592	Mortgages	1,000	- / Aa3 / - / -	CQS 1	Level 1 / 7%	10%	Soft	12M	1M-EURIBOR +16bp	✓	✓	✓
CREDIT AGRICOLE ITALIA	IT0005216624	Mortgages	750	- / Aa3 / - / -	CQS 1	Level 1 / 7%	10%	Soft	12M	1M-EURIBOR +21bp	✓	✓	✓
CREDIT AGRICOLE ITALIA	IT0005216616	Mortgages	750	- / Aa3 / - / -	CQS 1	Level 1 / 7%	10%	Soft	12M	1M-EURIBOR +42bp	✓	✓	✓
CREDIT AGRICOLE ITALIA	IT0005246407	Mortgages	750	- / Aa3 / - / -	CQS 1	Level 1 / 7%	10%	Soft	12M	1M-EURIBOR +53bp	✓	✓	✓
CREDIT AGRICOLE ITALIA	IT0005246415	Mortgages	750	- / Aa3 / - / -	CQS 1	Level 1 / 7%	10%	Soft	12M	1M-EURIBOR +65bp	✓	✓	✓
CREDIT AGRICOLE ITALIA	IT0005319949	Mortgages	500	- / Aa3 / - / -	CQS 1	Level 1 / 7%	10%	Soft	12M	1M-EURIBOR +40bp	✓	✓	✓
CREDIT AGRICOLE ITALIA	IT0005366288	Mortgages	750	- / Aa3 / - / -	CQS 1	Level 1 / 7%	10%	Soft	12M	1M-EURIBOR +63bp	✓	✓	✓
CREDIT AGRICOLE ITALIA	IT0005397028	Mortgages	500	- / Aa3 / - / -	CQS 1	Level 1 / 7%	10%	Soft	12M	1M-EURIBOR +23bp	✓	✓	✓
CREDIT AGRICOLE ITALIA	IT0005397036	Mortgages	750	- / Aa3 / - / -	CQS 1	Level 1 / 7%	10%	Soft	12M	1M-EURIBOR +45bp	✓	✓	✓
CREDIT AGRICOLE ITALIA	IT0005437733	Mortgages	500	- / Aa3 / - / -	CQS 1	Level 1 / 7%	10%	Soft	12M	1M-EURIBOR +9bp	✓	✓	✓
CREDITO EMILIANO SPA	IT0005358491	Mortgages	750	AA- / Aa3 / - / -	CQS 1	Level 1 / 7%	10%	Soft	12M	1M-EURIBOR +95bp	✓	✓	✓
INTESA SANPAOLO SPA	IT0004872328	Mortgages	1,250	- / Aa3 / - / -	CQS 1	Level 1 / 7%	10%	Soft	12M	3M-EURIBOR +200bp	✓	✓	✓
INTESA SANPAOLO SPA	IT0004889421	Mortgages	1,000	- / Aa3 / - / -	CQS 1	Level 1 / 7%	10%	Soft	12M	3M-EURIBOR +150bp	✓	✓	✓
INTESA SANPAOLO SPA	IT0004992787	Mortgages	1,250	- / Aa3 / - / -	CQS 1	Level 1 / 7%	10%	Soft	12M	3M-EURIBOR +108bp	✓	✓	✓
INTESA SANPAOLO SPA	IT0005156044	Mortgages	1,250	- / Aa3 / - / -	CQS 1	Level 1 / 7%	10%	Soft	12M	3M-EURIBOR +55bp	✓	✓	✓
INTESA SANPAOLO SPA	IT0005174492	Mortgages	1,250	- / Aa3 / - / -	CQS 1	Level 1 / 7%	10%	Soft	12M	3M-EURIBOR +45bp	✓	✓	✓
INTESA SANPAOLO SPA	IT0005259988	Mortgages	1,000	- / Aa3 / - / -	CQS 1	Level 1 / 7%	10%	Soft	12M	3M-EURIBOR +38bp	✓	✓	✓
INTESA SANPAOLO SPA	IT0005339210	Mortgages	1,000	- / Aa3 / - / -	CQS 1	Level 1 / 7%	10%	Soft	12M	3M-EURIBOR +63bp	✓	✓	✓
INTESA SANPAOLO SPA	IT0005365231	Mortgages	1,000	- / Aa3 / - / -	CQS 1	Level 1 / 7%	10%	Soft	12M	3M-EURIBOR +47bp	✓	✓	✓
MEDIOBANCA DI CRED FIN	IT0004966716	Mortgages	750	AA- / - / - / -	CQS 1	Level 1 / 7%	10%	Soft	12M	3M-EURIBOR +150bp	✓	✓	✓
MEDIOBANCA DI CRED FIN	IT0005142952	Mortgages	750	AA- / - / - / -	CQS 1	Level 1 / 7%	10%	Soft	12M	3M-EURIBOR +48bp	✓	✓	✓

Italy	ISIN	Cover Assets	Amount outstanding (EURm)	Rating (Fitch/Moody's/S&P/DBRS)	Credit Quality Step	LCR-Level / Haircut	Risk weight	Maturity structure	Extendible Periode	Interest during extendible period	ECB	EEA	G10
MEDIOBANCA DI CRED FIN	IT0005315046	Mortgages	750	AA- / - / - / -	CQS 1	Level 1 / 7%	10%	Soft	12M	3M-EURIBOR +27bp	✓	✓	✓
MEDIOBANCA DI CRED FIN	IT0005339186	Mortgages	750	AA- / - / - / -	CQS 1	Level 1 / 7%	10%	Soft	12M	3M-EURIBOR +70bp	✓	✓	✓
MEDIOBANCA DI CRED FIN	IT0005378036	Mortgages	750	AA- / - / - / -	CQS 1	Level 1 / 7%	10%	Soft	12M	3M-EURIBOR +53bp	✓	✓	✓
MEDIOBANCA DI CRED FIN	IT0005433757	Mortgages	750	AA- / - / - / -	CQS 1	Level 1 / 7%	10%	Soft	12M	3M-EURIBOR +13bp	✓	✓	✓
UNICREDIT SPA	IT0004689433	Mortgages (OBG 1)	1,250	AA- / Aa3 / AA- / -	CQS 1	Level 1 / 7%	10%	Soft	12M	1M-EURIBOR +165bp	✓	✓	✓
UNICREDIT SPA	IT0004988553	Mortgages (OBG 1)	1,000	AA- / Aa3 / AA- / -	CQS 1	Level 1 / 7%	10%	Soft	12M	1M-EURIBOR +98bp	✓	✓	✓
UNICREDIT SPA	IT0005090813	Mortgages (OBG 2)	1,000	- / Aa3 / - / -	CQS 1	Level 1 / 7%	10%	CPT	38Y	1M-EURIBOR +18bp	✓	✓	✓
UNICREDIT SPA	IT0005212987	Mortgages (OBG 2)	1,000	- / Aa3 / - / -	CQS 1	Level 1 / 7%	10%	CPT	38Y	1M-EURIBOR +20bp	✓	✓	✓
UNIONE DI BANCHE ITALIAN	IT0004992878	Mortgages	1,000	- / Aa3 / - / AA	CQS 1	Level 1 / 7%	10%	Soft	12M	1M-EURIBOR +118bp	✓	✓	✓
UNIONE DI BANCHE ITALIAN	IT0005067076	Mortgages	1,000	- / Aa3 / - / AA	CQS 1	Level 1 / 7%	10%	Soft	12M	1M-EURIBOR +30bp	✓	✓	✓
UNIONE DI BANCHE ITALIAN	IT0005140030	Mortgages	1,250	- / Aa3 / - / AA	CQS 1	Level 1 / 7%	10%	Soft	12M	1M-EURIBOR +36bp	✓	✓	✓
UNIONE DI BANCHE ITALIAN	IT0005215147	Mortgages	1,000	- / Aa3 / - / AA	CQS 1	Level 1 / 7%	10%	Soft	12M	1M-EURIBOR +19bp	✓	✓	✓
UNIONE DI BANCHE ITALIAN	IT0005283491	Mortgages	1,250	- / Aa3 / - / AA	CQS 1	Level 1 / 7%	10%	Soft	12M	1M-EURIBOR +35bp	✓	✓	✓
UNIONE DI BANCHE ITALIAN	IT0005320673	Mortgages	750	- / Aa3 / - / AA	CQS 1	Level 1 / 7%	10%	Soft	12M	1M-EURIBOR +10bp	✓	✓	✓
UNIONE DI BANCHE ITALIAN	IT0005320665	Mortgages	500	- / Aa3 / - / AA	CQS 1	Level 1 / 7%	10%	Soft	12M	1M-EURIBOR +30bp	✓	✓	✓
UNIONE DI BANCHE ITALIAN	IT0005364663	Mortgages	500	- / Aa3 / - / AA	CQS 1	Level 1 / 7%	10%	Soft	12M	1M-EURIBOR +70bp	✓	✓	✓
Japan	ISIN	Cover Assets	Amount outstanding (EURm)	Rating (Fitch/Moody's/S&P/DBRS)	Credit Quality Step	LCR-Level / Haircut	Risk weight	Maturity structure	Extendible Periode	Interest during extendible period	ECB	EEA	G10
SUMITOMO MITSUI BANKING	XS1899009705	Mortgages (RMBS)	1,000	- / Aaa / - / -	CQS 1	not eligible	20%	Soft	12M	0.550% p.a.	✗	✗	✓
SUMITOMO MITSUI BANKING	XS2008801297	Mortgages (RMBS)	500	- / Aaa / - / -	CQS 1	not eligible	20%	Soft	12M	0.267% p.a.	✗	✗	✓
SUMITOMO MITSUI BANKING	XS2066652897	Mortgages (RMBS)	750	- / Aaa / - / -	CQS 1	not eligible	20%	Soft	12M	0.409% p.a.	✗	✗	✓
SUMITOMO MITSUI BANKING	XS2225211650	Mortgages (RMBS)	1,000	- / Aaa / - / -	CQS 1	not eligible	20%	Soft	12M	0.010% p.a.	✗	✗	✓
SUMITOMO MITSUI TR BK LT	XS2240511076	Mortgages (RMBS)	850	- / Aaa / - / -	CQS 1	not eligible	20%	Soft	12M	0.010% p.a.	✗	✗	✓
Korea	ISIN	Cover Assets	Amount outstanding (EURm)	Rating (Fitch/Moody's/S&P/DBRS)	Credit Quality Step	LCR-Level / Haircut	Risk weight	Maturity structure	Extendible Periode	Interest during extendible period	ECB	EEA	G10
KEB HANA BANK	XS2282707178	Mortgages	500	AAA / - / AAA / -	CQS 1	Level 2A / 15%	20%	Soft	12M	1M-EURIBOR +27bp	✗	✗	✗
KOOKMIN BANK	XS2199348231	Mortgages	500	AAA / - / AAA / -	CQS 1	Level 2A / 15%	20%	Soft	12M	n/a	✗	✗	✗
KOREA HOUSING FINANCE CO	XS1900542926	Mortgages (2018 issue)	500	- / Aa1 / - / -	CQS 1	Level 2A / 15%	20%	Hard	-	-	✗	✗	✗
KOREA HOUSING FINANCE CO	XS1999730374	Mortgages (2019 issue)	500	- / - / AAA / -	CQS 1	Level 2A / 15%	20%	Hard	-	-	✗	✗	✗
KOREA HOUSING FINANCE CO	XS2100269088	Mortgages (2020/01 issue)	1,000	- / - / AAA / -	CQS 1	Level 2A / 15%	20%	Hard	-	-	✗	✗	✗
KOREA HOUSING FINANCE CO	XS2191358667	Mortgages (2020/02 issue)	500	- / - / AAA / -	CQS 1	Level 2A / 15%	20%	Hard	-	-	✗	✗	✗
Luxembourg	ISIN	Cover Assets	Amount outstanding (EURm)	Rating (Fitch/Moody's/S&P/DBRS)	Credit Quality Step	LCR-Level / Haircut	Risk weight	Maturity structure	Extendible Periode	Interest during extendible period	ECB	EEA	G10
NORDLB LX COV BOND BK	XS1432510631	Public Loans	500	- / Aa2 / - / -	CQS 1	Level 1 / 7%	20%	Hard	-	-	✓	✓	✗
NORDLB LX COV BOND BK	XS1959949196	Public Loans	500	- / Aa2 / - / -	CQS 1	Level 1 / 7%	20%	Hard	-	-	✓	✓	✗
NORDLB LX COV BOND BK	XS2186093410	Public Loans	500	- / Aa2 / - / -	CQS 1	Level 1 / 7%	20%	Hard	-	-	✓	✓	✗

Netherlands	ISIN	Cover Assets	Amount outstanding (EURm)	Rating (Fitch/Moody's/S&P/DBRS)	Credit Quality Step	LCR-Level / Haircut	Risk weight	Maturity structure	Extendible Periode	Interest during extendible period	ECB	EEA	G10
ABN AMRO BANK NV	XS0543370430	Mortgages	1,500	AAA / Aaa / - / -	CQS 1	Level 1 / 7%	10%	Soft	12M	1M-EURIBOR +75bp	✓	✓	✓
ABN AMRO BANK NV	XS0968926757	Mortgages	1,500	AAA / Aaa / - / -	CQS 1	Level 1 / 7%	10%	Soft	12M	1M-EURIBOR +37bp	✓	✓	✓
ABN AMRO BANK NV	XS1020769748	Mortgages	1,500	AAA / Aaa / - / -	CQS 1	Level 1 / 7%	10%	Soft	12M	1M-EURIBOR +34bp	✓	✓	✓
ABN AMRO BANK NV	XS1298431799	Mortgages	1,750	AAA / Aaa / - / -	CQS 1	Level 1 / 7%	10%	Soft	12M	1M-EURIBOR +20bp	✓	✓	✓
ABN AMRO BANK NV	XS1344751968	Mortgages	1,250	AAA / Aaa / - / -	CQS 1	Level 1 / 7%	10%	Soft	12M	1M-EURIBOR +11bp	✓	✓	✓
ABN AMRO BANK NV	XS1394791492	Mortgages	2,250	AAA / Aaa / - / -	CQS 1	Level 1 / 7%	10%	Soft	12M	1M-EURIBOR +26bp	✓	✓	✓
ABN AMRO BANK NV	XS1548458014	Mortgages	2,000	AAA / Aaa / - / -	CQS 1	Level 1 / 7%	10%	Soft	12M	1M-EURIBOR +15bp	✓	✓	✓
ABN AMRO BANK NV	XS1548493946	Mortgages	2,250	AAA / Aaa / - / -	CQS 1	Level 1 / 7%	10%	Soft	12M	1M-EURIBOR +20bp	✓	✓	✓
ABN AMRO BANK NV	XS1747670922	Mortgages	2,000	AAA / Aaa / - / -	CQS 1	Level 1 / 7%	10%	Soft	12M	1M-EURIBOR +2bp	✓	✓	✓
ABN AMRO BANK NV	XS1805353734	Mortgages	1,250	AAA / Aaa / - / -	CQS 1	Level 1 / 7%	10%	Soft	12M	1M-EURIBOR +8bp	✓	✓	✓
ABN AMRO BANK NV	XS1933815455	Mortgages	750	AAA / Aaa / - / -	CQS 1	Level 1 / 7%	10%	Soft	12M	1M-EURIBOR +28bp	✓	✓	✓
ABN AMRO BANK NV	XS1985004370	Mortgages	825	AAA / Aaa / - / -	CQS 1	Level 1 / 7%	10%	Soft	12M	1M-EURIBOR +11bp	✓	✓	✓
ABN AMRO BANK NV	XS2101336316	Mortgages	2,000	AAA / Aaa / - / -	CQS 1	Level 1 / 7%	10%	Soft	12M	1M-EURIBOR +5bp	✓	✓	✓
ACHMEA BANK NV	XS1722558258	Mortgages	500	AAA / Aaa / - / -	CQS 1	Level 1 / 7%	10%	CPT	32Y	0.375% p.a.	✓	✓	✓
ACHMEA BANK NV	XS1953778807	Mortgages	500	AAA / Aaa / - / -	CQS 1	Level 1 / 7%	10%	CPT	32Y	0.500% p.a.	✓	✓	✓
ACHMEA BANK NV	XS2189964773	Mortgages	500	AAA / Aaa / - / -	CQS 1	Level 1 / 7%	10%	CPT	32Y	0.010% p.a.	✓	✓	✓
AEGON BANK	XS1418849482	Mortgages	500	- / - / AAA / -	CQS 1	Level 1 / 7%	10%	CPT	32Y	0.250% p.a.	✓	✓	✓
AEGON BANK	XS1637329639	Mortgages	500	- / - / AAA / -	CQS 1	Level 1 / 7%	10%	CPT	32Y	0.750% p.a.	✓	✓	✓
AEGON BANK	XS1720933297	Mortgages	500	- / - / AAA / -	CQS 1	Level 1 / 7%	10%	CPT	32Y	0.375% p.a.	✓	✓	✓
AEGON BANK	XS2257857834	Mortgages	500	- / - / AAA / -	CQS 1	Level 1 / 7%	10%	CPT	32Y	0.010% p.a.	✓	✓	✓
COOPERATIEVE RABOBANK UA	XS1622193248	Mortgages	1,500	- / Aaa / - / -	CQS 1	Level 1 / 7%	10%	Soft	12M	1M-EURIBOR -11bp	✓	✓	✓
COOPERATIEVE RABOBANK UA	XS1622193321	Mortgages	1,270	- / Aaa / - / -	CQS 1	Level 1 / 7%	10%	Soft	12M	1M-EURIBOR +9bp	✓	✓	✓
COOPERATIEVE RABOBANK UA	XS1766477522	Mortgages	1,250	- / Aaa / - / -	CQS 1	Level 1 / 7%	10%	Soft	12M	1M-EURIBOR -10bp	✓	✓	✓
COOPERATIEVE RABOBANK UA	XS1811812145	Mortgages	1,000	- / Aaa / - / -	CQS 1	Level 1 / 7%	10%	Soft	12M	1M-EURIBOR -5bp	✓	✓	✓
COOPERATIEVE RABOBANK UA	XS1811812574	Mortgages	1,375	- / Aaa / - / -	CQS 1	Level 1 / 7%	10%	Soft	12M	1M-EURIBOR +8bp	✓	✓	✓
COOPERATIEVE RABOBANK UA	XS1944327631	Mortgages	2,000	- / Aaa / - / -	CQS 1	Level 1 / 7%	10%	Soft	12M	1M-EURIBOR +15bp	✓	✓	✓
COOPERATIEVE RABOBANK UA	XS2014373182	Mortgages	1,000	- / Aaa / - / -	CQS 1	Level 1 / 7%	10%	Soft	12M	1M-EURIBOR +2bp	✓	✓	✓
COOPERATIEVE RABOBANK UA	XS2014373851	Mortgages	1,125	- / Aaa / - / -	CQS 1	Level 1 / 7%	10%	Soft	12M	1M-EURIBOR +8bp	✓	✓	✓
COOPERATIEVE RABOBANK UA	XS2197945251	Mortgages	1,375	- / Aaa / - / -	CQS 1	Level 1 / 7%	10%	Soft	12M	0.010% p.a.	✓	✓	✓
COOPERATIEVE RABOBANK UA	XS2264087110	Mortgages	1,100	- / Aaa / - / -	CQS 1	Level 1 / 7%	10%	Soft	12M	1M-EURIBOR +3bp	✓	✓	✓
DE VOLKSBANK NV	XS1508404651	Mortgages	500	AAA / Aaa / - / -	CQS 1	Level 1 / 7%	10%	Soft	12M	1M-EURIBOR +9bp	✓	✓	✓
DE VOLKSBANK NV	XS1614202049	Mortgages	500	AAA / Aaa / - / -	CQS 1	Level 1 / 7%	10%	Soft	12M	1M-EURIBOR +3bp	✓	✓	✓
DE VOLKSBANK NV	XS1788694856	Mortgages	500	AAA / Aaa / - / -	CQS 1	Level 1 / 7%	10%	Soft	12M	1M-EURIBOR +1bp	✓	✓	✓
DE VOLKSBANK NV	XS1943455185	Mortgages	500	AAA / Aaa / - / -	CQS 1	Level 1 / 7%	10%	Soft	12M	0.500% p.a.	✓	✓	✓
DE VOLKSBANK NV	XS2259193998	Mortgages	500	AAA / Aaa / - / -	CQS 1	Level 1 / 7%	10%	Soft	12M	0.125% p.a.	✓	✓	✓
F VAN LANSCHOT BANKIERS	XS1224002474	Mortgages	500	AAA / - / AAA / -	CQS 1	Level 1 / 7%	10%	CPT	32Y	0.275% p.a.	✓	✓	✓
F VAN LANSCHOT BANKIERS	XS1387192435	Mortgages	500	AAA / - / AAA / -	CQS 1	Level 1 / 7%	10%	CPT	32Y	0.375% p.a.	✓	✓	✓
F VAN LANSCHOT BANKIERS	XS1565570212	Mortgages	500	AAA / - / AAA / -	CQS 1	Level 1 / 7%	10%	CPT	32Y	0.875% p.a.	✓	✓	✓
ING BANK NV	XS0935034651	Mortgages	1,250	AAA / Aaa / AAA / -	CQS 1	Level 1 / 7%	10%	Soft	12M	1M-EURIBOR +26bp	✓	✓	✓
ING BANK NV	XS1805257265	Mortgages	1,750	AAA / Aaa / AAA / -	CQS 1	Level 1 / 7%	10%	Soft	12M	1M-EURIBOR -3bp	✓	✓	✓
ING BANK NV	XS1952576475	Mortgages	2,000	AAA / Aaa / AAA / -	CQS 1	Level 1 / 7%	10%	Soft	12M	1M-EURIBOR +12bp	✓	✓	✓
NIBC BANK NV	XS1222431097	Mortgages	500	AAA / - / AAA / -	CQS 1	Level 1 / 7%	10%	CPT	32Y	0.250% p.a.	✓	✓	✓

Netherlands	ISIN	Cover Assets	Amount outstanding (EURm)	Rating (Fitch/Moody's/S&P/DBRS)	Credit Quality Step	LCR-Level / Haircut	Risk weight	Maturity structure	Extendible Periode	Interest during extendible period	ECB	EEA	G10
NIBC BANK NV	XS1423753463	Mortgages	500	AAA / - / AAA / -	CQS 1	Level 1 / 7%	10%	CPT	32Y	0.625% p.a.	✓	✓	✓
NIBC BANK NV	XS1753809141	Mortgages	500	AAA / - / AAA / -	CQS 1	Level 1 / 7%	10%	CPT	32Y	1.000% p.a.	✓	✓	✓
NIBC BANK NV	XS1877512258	Mortgages	500	AAA / - / AAA / -	CQS 1	Level 1 / 7%	10%	CPT	32Y	1.000% p.a.	✓	✓	✓
NIBC BANK NV	XS1964577396	Mortgages	500	AAA / - / AAA / -	CQS 1	Level 1 / 7%	10%	CPT	32Y	0.500% p.a.	✓	✓	✓
NIBC BANK NV	XS2065698834	Mortgages	500	AAA / - / AAA / -	CQS 1	Level 1 / 7%	10%	CPT	32Y	0.010% p.a.	✓	✓	✓
NN BANK NV NETHERLANDS	NL0012650477	Mortgages (CPT)	500	- / - / AAA / -	CQS 1	Level 1 / 7%	10%	CPT	32Y	0.500% p.a.	✓	✓	✓
NN BANK NV NETHERLANDS	NL0013019375	Mortgages (CPT)	500	- / - / AAA / -	CQS 1	Level 1 / 7%	10%	CPT	32Y	0.625% p.a.	✓	✓	✓
NN BANK NV NETHERLANDS	NL0013088990	Mortgages (CPT)	550	- / - / AAA / -	CQS 1	Level 1 / 7%	10%	CPT	32Y	1.000% p.a.	✓	✓	✓
NN BANK NV NETHERLANDS	NL0013400401	Mortgages (CPT)	500	- / - / AAA / -	CQS 1	Level 1 / 7%	10%	CPT	32Y	0.250% p.a.	✓	✓	✓
NN BANK NV NETHERLANDS	NL0013995095	Mortgages (CPT)	500	- / - / AAA / -	CQS 1	Level 1 / 7%	10%	CPT	32Y	0.125% p.a.	✓	✓	✓
NN BANK NV NETHERLANDS	NL0015436072	Mortgages (Soft)	500	- / - / AAA / -	CQS 1	Level 1 / 7%	10%	Soft	12M	1M-EURIBOR +15bp	✓	✓	✓
NN BANK NV NETHERLANDS	NL0015614611	Mortgages (Soft)	500	- / - / AAA / -	CQS 1	Level 1 / 7%	10%	Soft	12M	1M-EURIBOR +12bp	✓	✓	✓
NN BANK NV NETHERLANDS	NL00150008B6	Mortgages (Soft)	500	- / - / AAA / -	CQS 1	Level 1 / 7%	10%	Soft	12M	1M-EURIBOR +2bp	✓	✓	✓
New Zealand	ISIN	Cover Assets	Amount outstanding (EURm)	Rating (Fitch/Moody's/S&P/DBRS)	Credit Quality Step	LCR-Level / Haircut	Risk weight	Maturity structure	Extendible Periode	Interest during extendible period	ECB	EEA	G10
ANZ NEW ZEALAND INTL/LDN	XS1492834806	Mortgages	1,000	AAA / Aaa / - / -	CQS 1	Level 2A / 15%	20%	Soft	12M	1M-EURIBOR +12bp	✗	✗	✗
ANZ NEW ZEALAND INTL/LDN	XS1935204641	Mortgages	750	AAA / Aaa / - / -	CQS 1	Level 2A / 15%	20%	Soft	12M	1M-EURIBOR +33bp	✗	✗	✗
ASB FINANCE LTD LONDON	XS1502534461	Mortgages	500	AAA / Aaa / - / -	CQS 1	Level 2A / 15%	20%	Soft	12M	1M-EURIBOR +38bp	✗	✗	✗
ASB FINANCE LTD LONDON	XS1699732704	Mortgages	500	AAA / Aaa / - / -	CQS 1	Level 2A / 15%	20%	Soft	12M	1M-EURIBOR +27bp	✗	✗	✗
ASB FINANCE LTD LONDON	XS1887485032	Mortgages	500	AAA / Aaa / - / -	CQS 1	Level 2A / 15%	20%	Soft	12M	1M-EURIBOR +28bp	✗	✗	✗
BNZ INTL FUNDING/LONDON	XS1639238820	Mortgages	750	AAA / Aaa / - / -	CQS 1	Level 2A / 15%	20%	Soft	12M	1M-EURIBOR +15bp	✗	✗	✗
BNZ INTL FUNDING/LONDON	XS1850289171	Mortgages	750	AAA / Aaa / - / -	CQS 1	Level 2A / 15%	20%	Soft	12M	1M-EURIBOR +15bp	✗	✗	✗
WESTPAC SEC NZ/LONDON	XS1936779245	Mortgages	500	AAA / Aaa / - / -	CQS 1	Level 2A / 15%	20%	Soft	12M	1M-EURIBOR +46bp	✗	✗	✗
WESTPAC SEC NZ/LONDON	XS1591674459	Mortgages	1,000	AAA / Aaa / - / -	CQS 1	Level 2A / 15%	20%	Soft	12M	1M-EURIBOR +32bp	✗	✗	✗
Norway	ISIN	Cover Assets	Amount outstanding (EURm)	Rating (Fitch/Moody's/S&P/DBRS)	Credit Quality Step	LCR-Level / Haircut	Risk weight	Maturity structure	Extendible Periode	Interest during extendible period	ECB	EEA	G10
DNB BOLIGKREDITT AS	XS0856976682	Mortgages	1,000	- / Aaa / AAA / -	CQS 1	Level 1 / 7%	10%	Soft	12M	1M-EURIBOR +33bp	✗	✓	✗
DNB BOLIGKREDITT AS	XS1396253236	Mortgages	1,500	- / Aaa / AAA / -	CQS 1	Level 1 / 7%	10%	Soft	12M	1M-EURIBOR +44bp	✗	✓	✗
DNB BOLIGKREDITT AS	XS1485596511	Mortgages	1,500	- / Aaa / AAA / -	CQS 1	Level 1 / 7%	10%	Soft	12M	1M-EURIBOR +29bp	✗	✓	✗
DNB BOLIGKREDITT AS	XS1719108463	Mortgages	1,500	- / Aaa / AAA / -	CQS 1	Level 1 / 7%	10%	Soft	12M	1M-EURIBOR -9bp	✗	✓	✗
DNB BOLIGKREDITT AS	XS1756428469	Mortgages	1,500	- / Aaa / AAA / -	CQS 1	Level 1 / 7%	10%	Soft	12M	1M-EURIBOR -10bp	✗	✓	✗
DNB BOLIGKREDITT AS	XS1839888754	Mortgages	1,500	- / Aaa / AAA / -	CQS 1	Level 1 / 7%	10%	Soft	12M	1M-EURIBOR +2bp	✗	✓	✗
DNB BOLIGKREDITT AS	XS1909061597	Mortgages	1,750	- / Aaa / AAA / -	CQS 1	Level 1 / 7%	10%	Soft	12M	1M-EURIBOR +5bp	✗	✓	✗
DNB BOLIGKREDITT AS	XS1934743656	Mortgages	1,500	- / Aaa / AAA / -	CQS 1	Level 1 / 7%	10%	Soft	12M	1M-EURIBOR +20bp	✗	✓	✗
DNB BOLIGKREDITT AS	XS2238292010	Mortgages	1,500	- / Aaa / AAA / -	CQS 1	Level 1 / 7%	10%	Soft	12M	1M-EURIBOR +6bp	✗	✓	✗
DNB BOLIGKREDITT AS	XS2289593670	Mortgages	1,500	- / Aaa / AAA / -	CQS 1	Level 1 / 7%	10%	Soft	12M	1M-EURIBOR +6bp	✗	✓	✗
EIKA BOLIGKREDITT AS	XS0881369770	Mortgages	1,000	- / Aaa / - / -	CQS 1	Level 1 / 7%	10%	Soft	12M	3M-EURIBOR +43bp	✗	✓	✗
EIKA BOLIGKREDITT AS	XS1397054245	Mortgages	500	- / Aaa / - / -	CQS 1	Level 1 / 7%	10%	Soft	12M	3M-EURIBOR +24bp	✗	✓	✗
EIKA BOLIGKREDITT AS	XS1566992415	Mortgages	500	- / Aaa / - / -	CQS 1	Level 1 / 7%	10%	Soft	12M	3M-EURIBOR +6bp	✗	✓	✗
EIKA BOLIGKREDITT AS	XS1725524471	Mortgages	500	- / Aaa / - / -	CQS 1	Level 1 / 7%	10%	Soft	12M	3M-EURIBOR -6bp	✗	✓	✗

Norway	ISIN	Cover Assets	Amount outstanding (EURm)	Rating (Fitch/Moody's/S&P/DBRS)	Credit Quality Step	LCR-Level / Haircut	Risk weight	Maturity structure	Extendible Periode	Interest during extendible period	ECB	EEA	G10
EIKA BOLIGKREDDIT AS	XS1869468808	Mortgages	500	- / Aaa / - / -	CQS 1	Level 1 / 7%	10%	Soft	12M	3M-EURIBOR +3bp	x	✓	x
EIKA BOLIGKREDDIT AS	XS1945130620	Mortgages	500	- / Aaa / - / -	CQS 1	Level 1 / 7%	10%	Soft	12M	3M-EURIBOR +22bp	x	✓	x
EIKA BOLIGKREDDIT AS	XS2133386685	Mortgages	500	- / Aaa / - / -	CQS 1	Level 1 / 7%	10%	Soft	12M	1M-EURIBOR +11bp	x	✓	x
EIKA BOLIGKREDDIT AS	XS2234711294	Mortgages	500	- / Aaa / - / -	CQS 1	Level 1 / 7%	10%	Soft	12M	3M-EURIBOR +7bp	x	✓	x
SBANKEN BOLIGKREDDIT AS	XS1813051858	Mortgages	500	- / Aaa / - / -	CQS 1	Level 1 / 7%	10%	Soft	12M	1M-EURIBOR +3bp	x	✓	x
SPAREBANK 1 BOLIGKREDDIT	XS1285867419	Mortgages	1,000	- / Aaa / - / -	CQS 1	Level 1 / 7%	10%	Soft	12M	3M-EURIBOR +8bp	x	✓	x
SPAREBANK 1 BOLIGKREDDIT	XS1377237869	Mortgages	1,000	- / Aaa / - / -	CQS 1	Level 1 / 7%	10%	Soft	12M	3M-EURIBOR +23bp	x	✓	x
SPAREBANK 1 BOLIGKREDDIT	XS1482554075	Mortgages	1,000	- / Aaa / - / -	CQS 1	Level 1 / 7%	10%	Soft	12M	3M-EURIBOR +4bp	x	✓	x
SPAREBANK 1 BOLIGKREDDIT	XS1637099026	Mortgages	1,000	- / Aaa / - / -	CQS 1	Level 1 / 7%	10%	Soft	12M	3M-EURIBOR ±0bp	x	✓	x
SPAREBANK 1 BOLIGKREDDIT	XS1760129608	Mortgages	1,000	- / Aaa / - / -	CQS 1	Level 1 / 7%	10%	Soft	12M	3M-EURIBOR -6bp	x	✓	x
SPAREBANK 1 BOLIGKREDDIT	XS1839386908	Mortgages	1,000	- / Aaa / - / -	CQS 1	Level 1 / 7%	10%	Soft	12M	3M-EURIBOR +2bp	x	✓	x
SPAREBANK 1 BOLIGKREDDIT	XS1943561883	Mortgages	1,250	- / Aaa / - / -	CQS 1	Level 1 / 7%	10%	Soft	12M	3M-EURIBOR +23bp	x	✓	x
SPAREBANK 1 BOLIGKREDDIT	XS1995620967	Mortgages	1,000	- / Aaa / - / -	CQS 1	Level 1 / 7%	10%	Soft	12M	3M-EURIBOR +2bp	x	✓	x
SPAREBANK 1 BOLIGKREDDIT	XS2076139166	Mortgages	1,000	- / Aaa / - / -	CQS 1	Level 1 / 7%	10%	Soft	12M	3M-EURIBOR +10bp	x	✓	x
SPAREBANK 1 BOLIGKREDDIT	XS2234568983	Mortgages	1,000	- / Aaa / - / -	CQS 1	Level 1 / 7%	10%	Soft	12M	3M-EURIBOR +7bp	x	✓	x
SPAREBANKEN SOR BOLIGKRE	XS1622285283	Mortgages	500	- / Aaa / - / -	CQS 1	Level 1 / 7%	10%	Soft	12M	1M-EURIBOR ±0bp	x	✓	x
SPAREBANKEN SOR BOLIGKRE	XS1775786145	Mortgages	500	- / Aaa / - / -	CQS 1	Level 1 / 7%	10%	Soft	12M	1M-EURIBOR -5bp	x	✓	x
SPAREBANKEN SOR BOLIGKRE	XS1947550403	Mortgages	500	- / Aaa / - / -	CQS 1	Level 1 / 7%	10%	Soft	12M	1M-EURIBOR +19bp	x	✓	x
SPAREBANKEN SOR BOLIGKRE	XS2069304033	Mortgages	500	- / Aaa / - / -	CQS 1	Level 1 / 7%	10%	Soft	12M	1M-EURIBOR +11bp	x	✓	x
SPAREBANKEN SOR BOLIGKRE	XS2291901994	Mortgages	500	- / Aaa / - / -	CQS 1	Level 1 / 7%	10%	Soft	12M	1M-EURIBOR +7bp	x	✓	x
SPAREBANKEN VEST BOLIGKR	XS1225004115	Mortgages	500	- / Aaa / - / -	CQS 1	Level 1 / 7%	10%	Soft	12M	3M-EURIBOR -5bp	x	✓	x
SPAREBANKEN VEST BOLIGKR	XS1565074744	Mortgages	500	- / Aaa / - / -	CQS 1	Level 1 / 7%	10%	Soft	12M	3M-EURIBOR +3bp	x	✓	x
SPAREBANKEN VEST BOLIGKR	XS1781811143	Mortgages	500	- / Aaa / - / -	CQS 1	Level 1 / 7%	10%	Soft	12M	3M-EURIBOR -5bp	x	✓	x
SPAREBANKEN VEST BOLIGKR	XS1854532865	Mortgages	500	- / Aaa / - / -	CQS 1	Level 1 / 7%	10%	Soft	12M	3M-EURIBOR +1bp	x	✓	x
SPAREBANKEN VEST BOLIGKR	XS1951084638	Mortgages	750	- / Aaa / - / -	CQS 1	Level 1 / 7%	10%	Soft	12M	3M-EURIBOR +14bp	x	✓	x
SPAREBANKEN VEST BOLIGKR	XS2199484929	Mortgages	500	- / Aaa / - / -	CQS 1	Level 1 / 7%	10%	Soft	12M	3M-EURIBOR +11bp	x	✓	x
SPAREBANKEN VEST BOLIGKR	XS2237321190	Mortgages	500	- / Aaa / - / -	CQS 1	Level 1 / 7%	10%	Soft	12M	3M-EURIBOR +6bp	x	✓	x
SR-BOLIGKREDDIT AS	XS1344895450	Mortgages	600	- / Aaa / - / -	CQS 1	Level 1 / 7%	10%	Soft	12M	3M-EURIBOR +25bp	x	✓	x
SR-BOLIGKREDDIT AS	XS1692489583	Mortgages	500	- / Aaa / - / -	CQS 1	Level 1 / 7%	10%	Soft	12M	3M-EURIBOR ±0bp	x	✓	x
SR-BOLIGKREDDIT AS	XS1894534343	Mortgages	750	- / Aaa / - / -	CQS 1	Level 1 / 7%	10%	Soft	12M	3M-EURIBOR +6bp	x	✓	x
SR-BOLIGKREDDIT AS	XS2063288190	Mortgages	500	- / Aaa / - / -	CQS 1	Level 1 / 7%	10%	Soft	12M	3M-EURIBOR +9bp	x	✓	x
SR-BOLIGKREDDIT AS	XS2124046678	Mortgages	500	- / Aaa / - / -	CQS 1	Level 1 / 7%	10%	Soft	12M	1M-EURIBOR +8bp	x	✓	x
SR-BOLIGKREDDIT AS	XS2194373077	Mortgages	750	- / Aaa / - / -	CQS 1	Level 1 / 7%	10%	Soft	12M	3M-EURIBOR +12bp	x	✓	x
SR-BOLIGKREDDIT AS	XS2312584779	Mortgages	1,000	- / Aaa / - / -	CQS 1	Level 1 / 7%	10%	Soft	12M	3M-EURIBOR +5bp	x	✓	x
Poland	ISIN	Cover Assets	Amount outstanding (EURm)	Rating (Fitch/Moody's/S&P/DBRS)	Credit Quality Step	LCR-Level / Haircut	Risk weight	Maturity structure	Extendible Periode	Interest during extendible period	ECB	EEA	G10
PKO BANK HIPOTECZNY	XS1508351357	Mortgages	600	- / Aa1 / - / -	CQS 1	Level 1 / 7%	10%	Soft/CPT	Longest Assets +3Y	1M-EURIBOR +18bp	x	✓	x
PKO BANK HIPOTECZNY	XS1588411188	Mortgages	500	- / Aa1 / - / -	CQS 1	Level 1 / 7%	10%	Soft/CPT	Longest Assets +3Y	1M-EURIBOR +27bp	x	✓	x
PKO BANK HIPOTECZNY	XS1690669574	Mortgages	500	- / Aa1 / - / -	CQS 1	Level 1 / 7%	10%	Soft/CPT	Longest Assets +3Y	1M-EURIBOR +28bp	x	✓	x
PKO BANK HIPOTECZNY	XS1795407979	Mortgages	500	- / Aa1 / - / -	CQS 1	Level 1 / 7%	10%	Soft/CPT	Longest Assets +3Y	1M-EURIBOR +23bp	x	✓	x

Portugal	ISIN	Cover Assets	Amount outstanding (EURm)	Rating (Fitch/Moody's/S&P/DBRS)	Credit Quality Step	LCR-Level / Haircut	Risk weight	Maturity structure	Extendible Periode	Interest during extendible period	ECB	EEA	G10
BANCO BPI SA	PTBPIAOM0026	Mortgages	500	- / Aa3 / - / AAL	CQS 1	Level 1 / 7%	10%	Soft	12M	1M-EURIBOR +25bp	✓	✓	✗
BANCO COMERC PORTUGUES	PTBCPIOM0057	Mortgages	1,000	BBB+ / Aa3 / - / A	CQS 2	Level 2A / 15%	20%	Soft	12M	1M-EURIBOR +65bp	✓	✓	✗
BANCO SANTANDER TOTTA SA	PTBSRIOE0024	Mortgages	1,000	A+ / Aa3 / - / AAL	CQS 1	Level 1 / 7%	10%	Soft	12M	1M-EURIBOR +62bp	✓	✓	✗
BANCO SANTANDER TOTTA SA	PTBSRJOM0023	Mortgages	1,000	A+ / Aa3 / - / AAL	CQS 1	Level 1 / 7%	10%	Soft	12M	1M-EURIBOR +48bp	✓	✓	✗
CAIXA ECO MONTEPIO GERAL	PTCMGTOM0029	Mortgages	750	AA- / A1 / - / BBBH	CQS 2	Level 2A / 15%	20%	CPT	45Y	1M-EURIBOR +65bp	✓	✓	✗
CAIXA ECO MONTEPIO GERAL	PTCMGAOM0038	Mortgages	500	AA- / A1 / - / BBBH	CQS 2	Level 2A / 15%	20%	CPT	45Y	1M-EURIBOR +40bp	✓	✓	✗
Singapore	ISIN	Cover Assets	Amount outstanding (EURm)	Rating (Fitch/Moody's/S&P/DBRS)	Credit Quality Step	LCR-Level / Haircut	Risk weight	Maturity structure	Extendible Periode	Interest during extendible period	ECB	EEA	G10
DBS BANK LTD	XS1554349297	Mortgages	750	AAA / Aaa / - / -	CQS 1	Level 2A / 15%	20%	Soft	12M	1M-EURIBOR +37.9bp	✗	✗	✗
DBS BANK LTD	XS1720526737	Mortgages	500	AAA / Aaa / - / -	CQS 1	Level 2A / 15%	20%	Soft	12M	1M-EURIBOR +16bp	✗	✗	✗
OVERSEA-CHINESE BANKING	XS1689593389	Mortgages	500	AAA / Aaa / - / -	CQS 1	Level 2A / 15%	20%	Soft	12M	1M-EURIBOR ±0bp	✗	✗	✗
OVERSEA-CHINESE BANKING	XS1784059930	Mortgages	500	AAA / Aaa / - / -	CQS 1	Level 2A / 15%	20%	Soft	12M	1M-EURIBOR -2bp	✗	✗	✗
OVERSEA-CHINESE BANKING	XS1808713736	Mortgages	500	AAA / Aaa / - / -	CQS 1	Level 2A / 15%	20%	Soft	12M	1M-EURIBOR +9bp	✗	✗	✗
UNITED OVERSEAS BANK LTD	XS1750083229	Mortgages	500	- / Aaa / AAA / -	CQS 1	Level 2A / 15%	20%	Soft	12M	1M-EURIBOR +17bp	✗	✗	✗
UNITED OVERSEAS BANK LTD	XS1877520194	Mortgages	500	- / Aaa / AAA / -	CQS 1	Level 2A / 15%	20%	Soft	12M	1M-EURIBOR +20bp	✗	✗	✗
UNITED OVERSEAS BANK LTD	XS2264978623	Mortgages	1,000	- / Aaa / AAA / -	CQS 1	Level 2A / 15%	20%	Soft	12M	1M-EURIBOR +23.1bp	✗	✗	✗
Slovakia	ISIN	Cover Assets	Amount outstanding (EURm)	Rating (Fitch/Moody's/S&P/DBRS)	Credit Quality Step	LCR-Level / Haircut	Risk weight	Maturity structure	Extendible Periode	Interest during extendible period	ECB	EEA	G10
PRIMA BANKA SLOVENSKO AS	SK4000016069	Mortgages	500	- / Aaa / - / -	CQS 1	Level 1 / 7%	10%	Soft	12M (+12M)	0.010% p.a.	✓	✓	✗
SLOVENSKA SPORITELNA AS	SK4000015400	Mortgages	500	- / Aaa / - / -	CQS 1	Level 1 / 7%	10%	Soft	12M (+12M)	0.125% p.a.	✓	✓	✗
VSEOBECNA UVEROVA BANKA	SK4120015108	Mortgages	500	- / Aa2 / - / -	CQS 1	Level 1 / 7%	10%	Soft	12M (+12M)	0.250% p.a.	✓	✓	✗
VSEOBECNA UVEROVA BANKA	SK4000015475	Mortgages	500	- / Aa2 / - / -	CQS 1	Level 1 / 7%	10%	Soft	12M (+12M)	0.500% p.a.	✓	✓	✗
VSEOBECNA UVEROVA BANKA	SK4000017455	Mortgages	500	- / Aa2 / - / -	CQS 1	Level 1 / 7%	10%	Soft	12M (+12M)	0.010% p.a.	✓	✓	✗
VSEOBECNA UVEROVA BANKA	SK4000018693	Mortgages	500	- / Aa2 / - / -	CQS 1	Level 1 / 7%	10%	Soft	12M (+12M)	0.010% p.a.	✓	✓	✗
Spain	ISIN	Cover Assets	Amount outstanding (EURm)	Rating (Fitch/Moody's/S&P/DBRS)	Credit Quality Step	LCR-Level / Haircut	Risk weight	Maturity structure	Extendible Periode	Interest during extendible period	ECB	EEA	G10
ABANCA CORP BANCARIA SA	ES0465936054	Mortgages	750	- / Aa1 / AA+ / -	CQS 1	Level 1 / 7%	10%	Hard	-	-	✓	✓	✗
BANCO BILBAO VIZCAYA ARG	ES0413211071	Mortgages	2,000	- / Aa1 / AA+ / AAA	CQS 1	Level 1 / 7%	10%	Hard	-	-	✓	✓	✗
BANCO BILBAO VIZCAYA ARG	ES0413211790	Mortgages	1,000	- / Aa1 / AA+ / AAA	CQS 1	Level 1 / 7%	10%	Hard	-	-	✓	✓	✗
BANCO BILBAO VIZCAYA ARG	ES0413211816	Mortgages	1,000	- / Aa1 / - / -	CQS 1	Level 1 / 7%	10%	Hard	-	-	✓	✓	✗
BANCO BILBAO VIZCAYA ARG	ES0413211873	Mortgages	1,250	- / Aa1 / - / -	CQS 1	Level 1 / 7%	10%	Hard	-	-	✓	✓	✗
BANCO BILBAO VIZCAYA ARG	ES0413211915	Mortgages	1,000	- / Aa1 / - / -	CQS 1	Level 1 / 7%	10%	Hard	-	-	✓	✓	✗
BANCO DE SABADELL SA	ES0413860547	Mortgages	1,000	- / Aa1 / - / AAA	CQS 1	Level 1 / 7%	10%	Hard	-	-	✓	✓	✗
BANCO DE SABADELL SA	ES0413860554	Mortgages	1,000	- / Aa1 / - / AAA	CQS 1	Level 1 / 7%	10%	Hard	-	-	✓	✓	✗
BANCO DE SABADELL SA	ES0413860596	Mortgages	1,100	- / Aa1 / - / AAA	CQS 1	Level 1 / 7%	10%	Hard	-	-	✓	✓	✗
BANCO DE SABADELL SA	ES0413860745	Mortgages	1,000	- / Aa1 / - / AAA	CQS 1	Level 1 / 7%	10%	Hard	-	-	✓	✓	✗
BANCO SANTANDER SA	ES0413900129	Mortgages	1,500	AA / Aa1 / - / -	CQS 1	Level 1 / 7%	10%	Hard	-	-	✓	✓	✗
BANCO SANTANDER SA	ES0413900368	Mortgages	1,750	AA / Aa1 / - / -	CQS 1	Level 1 / 7%	10%	Hard	-	-	✓	✓	✗

Spain	ISIN	Cover Assets	Amount outstanding (EURm)	Rating (Fitch/Moody's/S&P/DBRS)	Credit Quality Step	LCR-Level / Haircut	Risk weight	Maturity structure	Extendible Periode	Interest during extendible period	ECB	EEA	G10
BANCO SANTANDER SA	ES0413900376	Mortgages	1,250	AA / Aa1 / - / -	CQS 1	Level 1 / 7%	10%	Hard	-	-	✓	✓	✗
BANCO SANTANDER SA	ES0413790397	Mortgages	1,000	AA / Aa1 / - / -	CQS 1	Level 1 / 7%	10%	Hard	-	-	✓	✓	✗
BANCO SANTANDER SA	ES0413900384	Mortgages	1,000	AA / Aa1 / - / -	CQS 1	Level 1 / 7%	10%	Hard	-	-	✓	✓	✗
BANCO SANTANDER SA	ES0413900392	Mortgages	1,000	AA / Aa1 / - / -	CQS 1	Level 1 / 7%	10%	Hard	-	-	✓	✓	✗
BANCO SANTANDER SA	ES0413900533	Mortgages	1,000	AA / Aa1 / - / -	CQS 1	Level 1 / 7%	10%	Hard	-	-	✓	✓	✗
BANCO SANTANDER SA	ES0413900558	Mortgages	1,500	AA / Aa1 / - / -	CQS 1	Level 1 / 7%	10%	Hard	-	-	✓	✓	✗
BANCO SANTANDER SA	ES0413900566	Mortgages	1,500	AA / Aa1 / - / -	CQS 1	Level 1 / 7%	10%	Hard	-	-	✓	✓	✗
BANCO SANTANDER SA	ES0413900574	Mortgages	1,750	AA / Aa1 / - / -	CQS 1	Level 1 / 7%	10%	Hard	-	-	✓	✓	✗
BANCO SANTANDER SA	ES0413900590	Mortgages	1,250	AA / Aa1 / - / -	CQS 1	Level 1 / 7%	10%	Hard	-	-	✓	✓	✗
BANCO SANTANDER SA	ES0413900608	Mortgages	1,250	AA / Aa1 / - / -	CQS 1	Level 1 / 7%	10%	Hard	-	-	✓	✓	✗
BANCO SANTANDER SA	ES0413900160	Mortgages	1,500	AA / Aa1 / - / -	CQS 1	Level 1 / 7%	10%	Hard	-	-	✓	✓	✗
BANKINTER SA	ES0413679327	Mortgages	1,000	- / Aa1 / AA+ / -	CQS 1	Level 1 / 7%	10%	Hard	-	-	✓	✓	✗
BANKINTER SA	ES0413679343	Mortgages	1,000	- / Aa1 / AA+ / -	CQS 1	Level 1 / 7%	10%	Hard	-	-	✓	✓	✗
BANKINTER SA	ES0413679418	Mortgages	500	- / Aa1 / AA+ / -	CQS 1	Level 1 / 7%	10%	Hard	-	-	✓	✓	✗
CAIXABANK SA	ES0414950628	Mortgages	2,000	- / Aa1 / AA / AAA	CQS 1	Level 1 / 7%	10%	Hard	-	-	✓	✓	✗
CAIXABANK SA	ES0414950644	Mortgages	2,000	- / Aa1 / AA / AAA	CQS 1	Level 1 / 7%	10%	Hard	-	-	✓	✓	✗
CAIXABANK SA	ES0414950685	Mortgages	1,500	- / Aa1 / AA / AAA	CQS 1	Level 1 / 7%	10%	Hard	-	-	✓	✓	✗
CAIXABANK SA	ES0413307093	Mortgages	1,286	- / Aa1 / AA / AAA	CQS 1	Level 1 / 7%	10%	Hard	-	-	✓	✓	✗
CAIXABANK SA	ES0413307101	Mortgages	1,250	- / Aa1 / AA / AAA	CQS 1	Level 1 / 7%	10%	Hard	-	-	✓	✓	✗
CAIXABANK SA	ES0413307127	Mortgages	1,000	- / - / AA / AAA	CQS 1	Level 1 / 7%	10%	Hard	-	-	✓	✓	✗
CAIXABANK SA	ES0414970204	Mortgages	2,500	- / Aa1 / AA / AAA	CQS 1	Level 1 / 7%	10%	Hard	-	-	✓	✓	✗
CAIXABANK SA	ES0440609248	Mortgages	1,000	- / Aa1 / AA / AAA	CQS 1	Level 1 / 7%	10%	Hard	-	-	✓	✓	✗
CAIXABANK SA	ES0440609271	Mortgages	1,000	- / Aa1 / AA / AAA	CQS 1	Level 1 / 7%	10%	Hard	-	-	✓	✓	✗
CAIXABANK SA	ES0440609313	Mortgages	1,500	- / Aa1 / AA / AAA	CQS 1	Level 1 / 7%	10%	Hard	-	-	✓	✓	✗
CAIXABANK SA	ES0440609339	Mortgages	1,500	- / Aa1 / AA / AAA	CQS 1	Level 1 / 7%	10%	Hard	-	-	✓	✓	✗
CAIXABANK SA	ES0440609347	Mortgages	1,000	- / Aa1 / AA / AAA	CQS 1	Level 1 / 7%	10%	Hard	-	-	✓	✓	✗
CAIXABANK SA	ES0440609396	Mortgages	1,000	- / Aa1 / AA / AAA	CQS 1	Level 1 / 7%	10%	Hard	-	-	✓	✓	✗
CAJA RURAL DE NAVARRA	ES0415306051	Mortgages	500	- / Aa1 / - / -	CQS 1	Level 1 / 7%	10%	Hard	-	-	✓	✓	✗
CAJA RURAL DE NAVARRA	ES0415306069	Mortgages	600	- / Aa1 / - / -	CQS 1	Level 1 / 7%	10%	Hard	-	-	✓	✓	✗
CAJAMAR CAJA RURAL SCC	ES0422714123	Mortgages	500	- / - / AA / -	CQS 1	Level 1 / 7%	10%	Hard	-	-	✓	✓	✗
DEUTSCHE BK SA ESPANOLA	ES0413320062	Mortgages	500	- / Aa1 / - / -	CQS 1	Level 1 / 7%	10%	Hard	-	-	✓	✓	✗
DEUTSCHE BK SA ESPANOLA	ES0413320096	Mortgages	1,000	- / Aa1 / - / -	CQS 1	Level 1 / 7%	10%	Hard	-	-	✓	✓	✗
DEUTSCHE BK SA ESPANOLA	ES0413320104	Mortgages	500	- / Aa1 / - / -	CQS 1	Level 1 / 7%	10%	Hard	-	-	✓	✓	✗
EUROCAJA RURAL SCC	ES0457089011	Mortgages	500	- / Aa1 / - / -	CQS 1	Level 1 / 7%	10%	Hard	-	-	✓	✓	✗
IBERCAJA BANCO SA	ES0444251047	Mortgages	500	- / A1 / AA / -	CQS 2	Level 2A / 15%	20%	Hard	-	-	✓	✓	✗
KUTXABANK SA	ES0443307063	Mortgages	1,000	- / Aa1 / AA+ / -	CQS 1	Level 1 / 7%	10%	Hard	-	-	✓	✓	✗
LIBERBANK SA	ES0468675030	Mortgages	1,200	- / Aa2 / - / -	CQS 1	Level 1 / 7%	10%	Hard	-	-	✓	✓	✗
Sweden	ISIN	Cover Assets	Amount outstanding (EURm)	Rating (Fitch/Moody's/S&P/DBRS)	Credit Quality Step	LCR-Level / Haircut	Risk weight	Maturity structure	Extendible Periode	Interest during extendible period	ECB	EEA	G10
LANSFORSKRINGAR HYPOTEK	XS1222454032	Mortgages	500	- / Aaa / AAA / -	CQS 1	Level 1 / 7%	10%	Hard	-	-	✗	✓	✓
LANSFORSKRINGAR HYPOTEK	XS1394065756	Mortgages	500	- / Aaa / AAA / -	CQS 1	Level 1 / 7%	10%	Hard	-	-	✗	✓	✓

Sweden	ISIN	Cover Assets	Amount outstanding (EURm)	Rating (Fitch/Moody's/S&P/DBRS)	Credit Quality Step	LCR-Level / Haircut	Risk weight	Maturity structure	Extendible Periode	Interest during extendible period	ECB	EEA	G10
LANSFORSKRINGAR HYPOTEK	XS1578113125	Mortgages	500	- / Aaa / AAA / -	CQS 1	Level 1 / 7%	10%	Hard	-	-	x	✓	✓
LANSFORSKRINGAR HYPOTEK	XS1799048704	Mortgages	500	- / Aaa / AAA / -	CQS 1	Level 1 / 7%	10%	Hard	-	-	x	✓	✓
LANSFORSKRINGAR HYPOTEK	XS1942708873	Mortgages	500	- / Aaa / AAA / -	CQS 1	Level 1 / 7%	10%	Hard	-	-	x	✓	✓
SKANDINAVISKA ENSKILDA	XS1246782269	Mortgages	1,000	- / Aaa / - / -	CQS 1	Level 1 / 7%	10%	Hard	-	-	x	✓	✓
SKANDINAVISKA ENSKILDA	XS1314150878	Mortgages	1,000	- / Aaa / - / -	CQS 1	Level 1 / 7%	10%	Hard	-	-	x	✓	✓
SKANDINAVISKA ENSKILDA	XS1633824823	Mortgages	1,000	- / Aaa / - / -	CQS 1	Level 1 / 7%	10%	Hard	-	-	x	✓	✓
SKANDINAVISKA ENSKILDA	XS1716825507	Mortgages	750	- / Aaa / - / -	CQS 1	Level 1 / 7%	10%	Hard	-	-	x	✓	✓
SKANDINAVISKA ENSKILDA	XS1948598997	Mortgages	1,250	- / Aaa / - / -	CQS 1	Level 1 / 7%	10%	Hard	-	-	x	✓	✓
STADSHYPOTEK AB	XS1368543135	Mortgages (SE Pool)	1,250	- / Aaa / - / -	CQS 1	Level 1 / 7%	10%	Soft	12M	1M-EURIBOR +19bp	x	✓	✓
STADSHYPOTEK AB	XS1435031270	Mortgages (SE Pool)	1,000	- / Aaa / - / -	CQS 1	Level 1 / 7%	10%	Soft	12M	1M-EURIBOR +3bp	x	✓	✓
STADSHYPOTEK AB	XS1499574991	Mortgages (FI Pool)	500	- / Aaa / - / -	CQS 1	Level 1 / 7%	10%	Soft	12M	1M-EURIBOR ±0bp	x	✓	✓
STADSHYPOTEK AB	XS1568860685	Mortgages (FI Pool)	500	- / Aaa / - / -	CQS 1	Level 1 / 7%	10%	Soft	12M	1M-EURIBOR -1bp	x	✓	✓
STADSHYPOTEK AB	XS1709509258	Mortgages (FI Pool)	500	- / Aaa / - / -	CQS 1	Level 1 / 7%	10%	Soft	12M	1M-EURIBOR -5bp	x	✓	✓
STADSHYPOTEK AB	XS1731734585	Mortgages (SE Pool)	750	- / Aaa / - / -	CQS 1	Level 1 / 7%	10%	Soft	12M	1M-EURIBOR -8bp	x	✓	✓
STADSHYPOTEK AB	XS1855473614	Mortgages (SE Pool)	1,000	- / Aaa / - / -	CQS 1	Level 1 / 7%	10%	Soft	12M	1M-EURIBOR +3bp	x	✓	✓
STADSHYPOTEK AB	XS1962535644	Mortgages (SE Pool)	1,250	- / Aaa / - / -	CQS 1	Level 1 / 7%	10%	Soft	12M	1M-EURIBOR +7bp	x	✓	✓
STADSHYPOTEK AB	XS2262802601	Mortgages (NO Pool)	1,000	- / Aaa / - / -	CQS 1	Level 1 / 7%	10%	Soft	12M	1M-EURIBOR +5bp	x	✓	✓
SWEDBANK HYPOTEK AB	XS1550140674	Mortgages	1,000	- / Aaa / AAA / -	CQS 1	Level 1 / 7%	10%	Hard	-	-	x	✓	✓
SWEDBANK HYPOTEK AB	XS1606633912	Mortgages	1,000	- / Aaa / AAA / -	CQS 1	Level 1 / 7%	10%	Hard	-	-	x	✓	✓
SWEDBANK HYPOTEK AB	XS1778322351	Mortgages	1,000	- / Aaa / AAA / -	CQS 1	Level 1 / 7%	10%	Hard	-	-	x	✓	✓
SWEDBANK HYPOTEK AB	XS1946788194	Mortgages	1,000	- / Aaa / AAA / -	CQS 1	Level 1 / 7%	10%	Hard	-	-	x	✓	✓
SWEDBANK HYPOTEK AB	XS2002504194	Mortgages	1,250	- / Aaa / AAA / -	CQS 1	Level 1 / 7%	10%	Hard	-	-	x	✓	✓
SWEDISH COVERED BOND	XS1248348721	Mortgages	500	- / Aaa / - / -	CQS 1	Level 1 / 7%	10%	Soft	12M	1M-EURIBOR +20bp	x	✓	✓
SWEDISH COVERED BOND	XS1550143421	Mortgages	1,000	- / Aaa / - / -	CQS 1	Level 1 / 7%	10%	Soft	12M	1M-EURIBOR +26bp	x	✓	✓
SWEDISH COVERED BOND	XS1586702679	Mortgages	750	- / Aaa / - / -	CQS 1	Level 1 / 7%	10%	Soft	12M	1M-EURIBOR +13bp	x	✓	✓
SWEDISH COVERED BOND	XS1759602953	Mortgages	750	- / Aaa / - / -	CQS 1	Level 1 / 7%	10%	Soft	12M	1M-EURIBOR +7.5bp	x	✓	✓
SWEDISH COVERED BOND	XS1808480377	Mortgages	750	- / Aaa / - / -	CQS 1	Level 1 / 7%	10%	Soft	12M	1M-EURIBOR +10bp	x	✓	✓
SWEDISH COVERED BOND	XS1808480534	Mortgages	675	- / Aaa / - / -	CQS 1	Level 1 / 7%	10%	Soft	12M	1M-EURIBOR +25bp	x	✓	✓
SWEDISH COVERED BOND	XS1900804045	Mortgages	650	- / Aaa / - / -	CQS 1	Level 1 / 7%	10%	Soft	12M	1M-EURIBOR +18.9bp	x	✓	✓
SWEDISH COVERED BOND	XS2007244614	Mortgages	500	- / Aaa / - / -	CQS 1	Level 1 / 7%	10%	Soft	12M	1M-EURIBOR +21bp	x	✓	✓
Switzerland	ISIN	Cover Assets	Amount outstanding (EURm)	Rating (Fitch/Moody's/S&P/DBRS)	Credit Quality Step	LCR-Level / Haircut	Risk weight	Maturity structure	Extendible Periode	Interest during extendible period	ECB	EEA	G10
UBS AG LONDON	XS0500331557	Mortgages	1,250	AAA / Aaa / - / -	CQS 1	not eligible	20%	Soft	12M	n/a	x	x	✓
UK	ISIN	Cover Assets	Amount outstanding (EURm)	Rating (Fitch/Moody's/S&P/DBRS)	Credit Quality Step	LCR-Level / Haircut	Risk weight	Maturity structure	Extendible Periode	Interest during extendible period	ECB	EEA	G10
BANK OF SCOTLAND PLC	XS0304459026	Mortgages	1,250	AAA / Aaa / AAA / -	CQS 1	Level 2A / 15%	20%	Soft	12M	1M-EURIBOR +6bp	x	x	✓
CLYDESDALE BANK PLC	XS2049803575	Mortgages	600	AAA / Aaa / - / -	CQS 1	Level 2A / 15%	20%	Soft	12M	1M-EURIBOR +30bp	x	x	✓
COVENTRY BLDG SOCIETY	XS1529880368	Mortgages	500	AAA / Aaa / - / -	CQS 1	Level 2A / 15%	20%	Soft	12M	1M-EURIBOR +18bp	x	x	✓
COVENTRY BLDG SOCIETY	XS2015230365	Mortgages	500	AAA / Aaa / - / -	CQS 1	Level 2A / 15%	20%	Soft	12M	1M-EURIBOR +22bp	x	x	✓
LEEDS BUILDING SOCIETY	XS1640668353	Mortgages	500	AAA / Aaa / - / -	CQS 1	Level 2A / 15%	20%	Soft	12M	1M-EURIBOR +17bp	x	x	✓

UK	ISIN	Cover Assets	Amount outstanding (EURm)	Rating (Fitch/Moody's/S&P/DBRS)	Credit Quality Step	LCR-Level / Haircut	Risk weight	Maturity structure	Extendible Periode	Interest during extendible period	ECB	EEA	G10
LLOYDS BANK PLC	XS1290654513	Mortgages	1,250	AAA / Aaa / - / -	CQS 1	Level 2A / 15%	20%	Soft	12M	1M-EURIBOR +10bp	x	x	✓
LLOYDS BANK PLC	XS1391589626	Mortgages	1,250	AAA / Aaa / - / -	CQS 1	Level 2A / 15%	20%	Soft	12M	1M-EURIBOR +28bp	x	x	✓
LLOYDS BANK PLC	XS1795392502	Mortgages	1,000	AAA / Aaa / - / -	CQS 1	Level 2A / 15%	20%	Soft	12M	1M-EURIBOR +1bp	x	x	✓
LLOYDS BANK PLC	XS1967590180	Mortgages	1,500	AAA / Aaa / - / -	CQS 1	Level 2A / 15%	20%	Soft	12M	1M-EURIBOR +18bp	x	x	✓
LLOYDS BANK PLC	XS2013525501	Mortgages	1,000	AAA / Aaa / - / -	CQS 1	Level 2A / 15%	20%	Soft	12M	1M-EURIBOR +17bp	x	x	✓
LLOYDS BANK PLC	XS2054600718	Mortgages	750	AAA / Aaa / - / -	CQS 1	Level 2A / 15%	20%	Soft	12M	1M-EURIBOR +28bp	x	x	✓
LLOYDS BANK PLC	XS0577606725	Mortgages	1,000	AAA / Aaa / - / -	CQS 1	Level 2A / 15%	20%	Soft	12M	1M-EURIBOR +150bp	x	x	✓
NATIONWIDE BLDG SOCIETY	XS1081100239	Mortgages	750	AAA / Aaa / AAA / -	CQS 1	Level 2A / 15%	20%	Soft	12M	1M-EURIBOR +51bp	x	x	✓
NATIONWIDE BLDG SOCIETY	XS1207683522	Mortgages	500	AAA / Aaa / AAA / -	CQS 1	Level 2A / 15%	20%	Soft	12M	1M-EURIBOR +18bp	x	x	✓
NATIONWIDE BLDG SOCIETY	XS1308693867	Mortgages	1,000	AAA / Aaa / AAA / -	CQS 1	Level 2A / 15%	20%	Soft	12M	1M-EURIBOR +30.31bp	x	x	✓
NATIONWIDE BLDG SOCIETY	XS1569896498	Mortgages	659	AAA / Aaa / AAA / -	CQS 1	Level 2A / 15%	20%	Soft	12M	1M-EURIBOR +23.6bp	x	x	✓
NATIONWIDE BLDG SOCIETY	XS1638816089	Mortgages	810	AAA / Aaa / AAA / -	CQS 1	Level 2A / 15%	20%	Soft	12M	1M-EURIBOR +30bp	x	x	✓
NATIONWIDE BLDG SOCIETY	XS1829215562	Mortgages	500	AAA / Aaa / AAA / -	CQS 1	Level 2A / 15%	20%	Soft	12M	1M-EURIBOR +20.7bp	x	x	✓
NATIONWIDE BLDG SOCIETY	XS2004366287	Mortgages	541	AAA / Aaa / AAA / -	CQS 1	Level 2A / 15%	20%	Soft	12M	1M-EURIBOR +9bp	x	x	✓
NATL WESTMINSTER BANK	XS1612958253	Mortgages	1,250	AAA / Aaa / - / -	CQS 1	Level 2A / 15%	20%	Soft	12M	1M-EURIBOR +10bp	x	x	✓
SANTANDER UK PLC	XS1111559685	Mortgages	500	AAA / Aaa / AAA / -	CQS 1	Level 2A / 15%	20%	Soft	12M	1M-EURIBOR +14bp	x	x	✓
SANTANDER UK PLC	XS1220923996	Mortgages	1,000	AAA / Aaa / AAA / -	CQS 1	Level 2A / 15%	20%	Soft	12M	1M-EURIBOR +1bp	x	x	✓
SANTANDER UK PLC	XS1748479919	Mortgages	1,000	AAA / Aaa / AAA / -	CQS 1	Level 2A / 15%	20%	Soft	12M	1M-EURIBOR -2bp	x	x	✓
SANTANDER UK PLC	XS1880870602	Mortgages	1,000	AAA / Aaa / AAA / -	CQS 1	Level 2A / 15%	20%	Soft	12M	1M-EURIBOR +1bp	x	x	✓
SANTANDER UK PLC	XS1995645287	Mortgages	1,000	AAA / Aaa / AAA / -	CQS 1	Level 2A / 15%	20%	Soft	12M	1M-EURIBOR +1bp	x	x	✓
SANTANDER UK PLC	XS2102283814	Mortgages	1,250	AAA / Aaa / AAA / -	CQS 1	Level 2A / 15%	20%	Soft	12M	1M-EURIBOR +17bp	x	x	✓
SKIPTON BUILDING SOCIETY	XS1887330188	Mortgages	500	AAA / Aaa / - / -	CQS 1	Level 2A / 15%	20%	Soft	12M	1M-EURIBOR +16bp	x	x	✓
SKIPTON BUILDING SOCIETY	XS2056376135	Mortgages	500	AAA / Aaa / - / -	CQS 1	Level 2A / 15%	20%	Soft	12M	1M-EURIBOR +26bp	x	x	✓
YORKSHIRE BUILDING SOC	XS1318364731	Mortgages	500	AAA / Aaa / - / -	CQS 1	Level 2A / 15%	20%	Soft	12M	1M-EURIBOR +25bp	x	x	✓
YORKSHIRE BUILDING SOC	XS1594364033	Mortgages	500	AAA / Aaa / - / -	CQS 1	Level 2A / 15%	20%	Soft	12M	1M-EURIBOR +10bp	x	x	✓
YORKSHIRE BUILDING SOC	XS1991186500	Mortgages	500	AAA / Aaa / - / -	CQS 1	Level 2A / 15%	20%	Soft	12M	1M-EURIBOR +15bp	x	x	✓
YORKSHIRE BUILDING SOC	XS2243314528	Mortgages	500	AAA / Aaa / - / -	CQS 1	Level 2A / 15%	20%	Soft	12M	1M-EURIBOR +22bp	x	x	✓

Source: Issuer, Rating agencies, Bloomberg, NORD/LB Markets Strategy & Floor Research

Appendix

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Time of going to press and last update of all market data: Thursday, 22 April 2021 (10:40h)