Banco de Sabadell

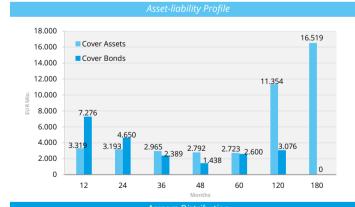
Mortgage Covered Bond Program

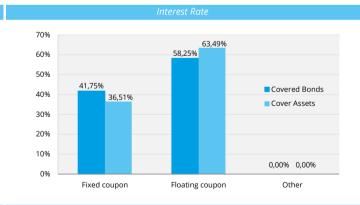
# Creditreform C Rating

Rating Object			
Country Issuer	Spain	Repayment method	Hard Bullet
Cover pool asset class	Mortgage		Min (25,00%)
Legal framework	Spanish Mortgage Market Law	Overcollateralization	Current (100,03%)
Nominal value	EUR 21.429,69 m.		Committed (25,00%)
Cover pool value	EUR 42.865,36 m.		Fix (41,75%)
WAL maturity covered bonds	2,54 (Years)	Covered bonds coupon type	Floating (58,25%)
WAL maturity cover pool	7,02 (Years)		Other (0,00%)
Cut-off date Covered Pool Information:	31.12.2019		

Rating Overview				
Rating Summary		Credit Risk Metrics	Credit Risk Metrics	
Issuer	Banco de Sabadell	Metrics date	27.01.2020	
LT Issuer Rating	BBB	Rating Case Default Rate	19,27%	
ST Issuer Rating	L3	Rating Case Recovery Rate	77,89%	
+Legal and regulatory framework analysis	+4 Notches	Expected Loss	4,26%	
+Liquidity and refinancing risk	+1 Notch	Rating Case Breakeven OC	22,29%	
= Rating after 1st uplift	AA-	Program Key Counterparties		
Cover Pool & cash flow analysis	BB+	Servicer	NA	
+ 2nd rating uplift	+/-0	Account Bank	NA	
Rating covered bond program / Outlook	AA- / Stable	Sponsor	NA	

#### **Cover Assets Composition** Cover Pool Balance EUR 42.865,36 m. Residential EUR 28.859,40 m. EUR 14.005,96 m. Average Seasoning NA Commercial Total number of exposures Other EUR 0,00 m. 445.202 Number of Commercial Loans 72.635 EUR 42.865,36 m. Mortgages Public Sector EUR 0,00 m. Number of Residential Loans 372.567 Shipping EUR 0,00 m. Average Size Commercial Loans (000s) 193 Average Size Residential Loans (000s) Substitute Assets 77 EUR 0,00 m. Other EUR 0,00 m.









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Unindexed LTV Distribution Commercial Loans		Unindexed LTV Distribution Residential Loans			
LTV	Nominal	% Loans	LTV	Nominal	% Loans
>0 - <=40 %	5.083,24	36,29%	>0 - <=40 %	6.358,78	22,03%
>40 - <=50 %	2.216,58	15,83%	>40 - <=50 %	3.646,24	12,63%
>50 - <=60 %	2.147,43	15,33%	>50 - <=60 %	4.166,07	14,44%
>60 - <=70 %	1.361,22	9,72%	>60 - <=70 %	4.533,44	15,71%
>70 - <=80 %	852,98	6,09%	>70 - <=80 %	4.318,89	14,97%
>80 - <=90 %	457,60	3,27%	>80 - <=90 %	2.187,13	7,58%
>90 - <=100 %	460,95	3,29%	>90 - <=100 %	1.084,29	3,76%
>100%	1.425,94	10,18%	>100%	2.564,56	8,89%

Currency Distribution			Loan Distribution	by Regions (as % of total I	Mortgages)
Currency	Covered Bonds	Cover Assets	Region	% Residential Loans	% Commercial Loans
EUR	21.429,69 m.	42.797,27 m.	Andalusia	9,88%	10,39%
AUD	0,00 m.	0,00 m.	Aragon	1,15%	1,77%
BRL	0,00 m.	0,00 m.	Asturias	2,88%	3,07%
CAD	0,00 m.	0,00 m.	Balearic Islands	4,39%	6,09%
CHF	0,00 m.	11,79 m.	Basque Country	2,86%	2,58%
CZK	0,00 m.	0,00 m.	Canary Islands	1,54%	2,17%
DKK	0,00 m.	0,00 m.	Cantabria	0,33%	0,34%
GBP	0,00 m.	0,05 m.	Castile La Mancha	1,18%	1,04%
HKD	0,00 m.	0,00 m.	Castile León	1,66%	1,76%
JPY	0,00 m.	18,47 m.	Catalonia	36,44%	35,32%
KRW	0,00 m.	0,00 m.	Ceuta	0,05%	0,04%
NOK	0,00 m.	0,00 m.	Extremadura	0,33%	0,29%
PLN	0,00 m.	0,00 m.	Galicia	1,82%	2,39%
SEK	0,00 m.	0,00 m.	La Rioja	0,17%	0,37%
SGD	0,00 m.	0,00 m.	Madrid	11,03%	18,13%
USD	0,00 m.	37,78 m.	Melilla	0,09%	0,01%
Other	0,00 m.	0,00 m.	Murcia	5,60%	2,88%
			Navarra	0,36%	0,73%
			Valencia	18,25%	10,65%

Swap Counterparties			
Name	Type of arrangement	LEI	
NA	NA	NA	
NA	NA	NA	
NA	NA	NA	
Swap Agreements			
Interest Rate Swap		NA	
Currency Swap		NA	

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## Creditreform C Rating

#### ISIN Lists ISIN Issue date Maturity date Banco de Sabadell ES0413860497 EIEUR1Y + 0.07 16.09.2015 16.09.2020 Floating Banco de Sabadell ES0413860596 Fix 1,00 26.04.2017 26.04.2027 Banco de Sabadell 10.05.2021 ES0413860141 Floating EIEUR3M + 1 08.05.2009 Banco de Sabadell ES0413860372 Floating EIEUR3M + 0.68 03.10.2014 03.10.2023 Banco de Sabadell ES0413860539 EIEUR3M + 0.535 24.05.2016 24.05.2024 Floating Banco de Sabadell ES0413860653 EIEUR1Y + 0.085 18.12.2018 18.06.2021 Floating Banco de Sabadell ES0413860265 Floating EIEUR3M + 3.10 12.12.2011 13.12.2021 Banco de Sabadell ES0413860448 EIEUR3M + 0.13 04.05.2015 04.05.2023 Floating Banco de Sabadell ES0413860570 EIEUR1Y + 0.27 21.12.2016 21.12.2021 Floating Banco de Sabadell ES0413860687 EIEUR1Y + 0.086 18.12.2018 19.07.2021 Floating Banco de Sabadell ES0413860729 NULL 20.12.2019 20.12.2024 Floating Banco de Sabadell ES0413860356 Floating EIEUR3M + 1.60 09.12.2013 09.12.2021 Banco de Sabadell ES0413860471 Floating EIEUR3M + 0.2 03.07.2015 03.07.2023 Banco de Sabadell ES0413860505 0,63 03.11.2015 03.11.2020 Fix Banco de Sabadell ES0413860604 Fix 0,89 21.07.2017 21.07.2025 Banco de Sabadell ES0413860216 Floating EIEUR3M + 2.35 10.12.2010 10.12.2020 Banco de Sabadell ES0413860398 Fix 12.11.2014 12.11.2021 0.88 Banco de Sabadell ES0413860547 Fix 0,63 10.06.2016 10.06.2024 Banco de Sabadell ES0413860661 NULL 18.12.2018 18.09.2020 Floating Banco de Sabadell ES0413860307 Floating EIEUR3M + 4.80 05.10.2012 05.10.2022 Banco de Sabadell ES0413860455 Fix 0,38 10.06.2015 10.06.2020 Banco de Sabadell ES0413860489 Floating **EIEUR1Y + 0.05** 20.07.2015 20.07.2020 Banco de Sabadell ES0413860588 Fix 0,97 29.12.2016 27.12.2024 Banco de Sabadell ES0413860695 EIEUR1Y + 0.13 30.01.2019 31.01.2022 Floating Banco de Sabadell ES0413860737 NULL 22.12.2025 Floating 20.12.2019 Banco de Sabadell ES0413860364 Floating EIEUR3M + 0.7 26.09.2014 26.09.2022 Banco de Sabadell ES0414400087 Fix 4,60 27.04.2010 31.07.2020 Banco de Sabadell ES0413860521 Floating EIEUR3M + 0.80 26.01.2016 26.01.2024 Banco de Sabadell ES0413860646 Fix 1,09 21.12.2018 21.12.2026 Banco de Sabadell ES0413860257 Floating EIEUR3M + 2.6 13.07.2011 13.07.2021 Banco de Sabadell ES0413860406 EIEUR3M + 0.40 05.12.2014 05.12.2022 Floating Banco de Sabadell ES0413860554 0,13 20.10.2016 20.10.2023 Fix Banco de Sabadell ES0413860315 EIEUR3M + 4.15 28.12.2012 28.12.2020 Floating Banco de Sabadell 18.06.2020 ES0413860463 Floating **EIEUR1Y + 0.05** 18.06.2015

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Mortgage Covered Bond Program

# Creditreform C Rating

### **Data Definitions**

The data is presented with a cut-off date . Following the clarification regarding the source of information: Issuer: Issuer source of information are all available public information, i.e. Investor Reports, Harmonised Transparency Templates "HTT", National Transparency Templates "NTT", Prospectus etc. Not reported or non available information will be labeled as "NA".

Field Name	Source	Definition
Cover pool asset class	Issuer	The asset type in the cover pool (public sector assets or mortgage assets)
Legal framework	CRA	The set of legislative and regulatory rules of the respective jurisdiction that regulates the covered bonds (CB) program
Nominal value	Issuer	The total amount of outstanding covered bonds as of cut-off date expressed in millions
Cover pool value	Issuer	Aggregate value of all assets in the cover pool as of cut-off date expressed in millions
WAL maturity covered bonds	Issuer	The weighted average remaining maturity of all outstading covered bonds in years
WAL maturity cover pool	Issuer	The weighted average remaining maturity of all outstading covered assets in years
Repayment method	Issuer	Hard Bullet: Covered bonds are repaid on the maturiry date which cannot be extended Soft Bullet: The maturity date of the covered bonds can be extended by a fixed period Conditional pass-through (CPT): Covered bonds with a scheduled maturity date, and an extension mechanism defined by certain conditions
Overcollateralization	lssuer	Current OC: The proportion of covel assets that exceeds the proportion of currrently outstanding covered bonds, calculated as ([Cover pool value]/[outstanding covered bonds]-1)*100  Min OC: The OC level that the issuer must maintain according to the respective CB legislation  Committed OC: The minimum OC level that the issuer has committed to maintain
Covered bonds coupon type	Issuer	Type of interest rate paid on covered bonds, expressed as a percentage of bond's face value
LT Issuer Rating	CRA	Long-term ratings assess the default risks for each category of a bank's financial instruments with a residual term-to-maturity of more than one year
ST Issuer Rating	CRA	Short-term ratings assess the default risks for each category of a bank's financial instruments with a residual term-to-maturity of less than one year
Legal and regulatory framework analysis	CRA	A qualitative assessement of legislative and regulatory rules of the covered bonds program
Liquidity and refinancing risk	CRA	A qualitative assessement of regulatory requirements for liquidity and refinancing risk of the covered bonds program
First rating uplift	CRA	The rating after adding up the notches from Legal and regulatory framework analysis and Liquidity and refinancing risk with LT Issuer rating
Cover pool and cash flow analysis	CRA	The quantitative assessment of the cover assets and covered bonds at different rating-level stressed scenarios
Second rating upflift	CRA	The rating after adding up the notches from cash-flow analysis with 1st rating uplift (only effective if the rating from cash-flow analysis is higher than the 1st rating uplift)
Metrics date	CRA	The date on which CRA assigned the initial / follow-up rating of the covered bond program
Rating Case Default Rate (RDR)	CRA	Stressed default rate of the cover assets represented by the base case stressed scenario
Rating Case Recovery Rate (RRR)	CRA	Stressed recovery rate of the defaulted assets represented by the base case stressed scenario
Expected Loss	CRA	Stressed loss rate of the cover assets represented by the base case stressed scenario. The expected loss rate has been calculated as [RDR*(1-RRR)] [%]
Rating Case Breakeven OC	CRA	The required stressed OC level compatible with the base case rating
Average Seasoning	Issuer	Average length of the loans from the origination date to the cut-off date in months
Loan Size	Issuer	Average size of the loans (i.e. Total value of cover assets / Number of loans)
LTV	Issuer	The loan-to-value (LTV) is the ratio of a loan to the value of the property securing the loan
LEI	CRA	Legal Entity Identifier (LEI) enables unique identification of legal entities in financial transactions
Arrears Distribution	Issuer	The distrbution of arrears of the cover assets with respect to each asset class
Seasoning Distribution	Issuer	The distrbution of seasoning of the cover assets with respect to each asset class
Asset liability Profile	CRA	The maturity structure of the cover assets and liabilities
% Residential Loans	Issuer	Outstanding value of loans that are secured by the residential property expressed as % of total outstadning loans in the cover pool
% Commercial Loans	Issuer	Outstanding value of loans that are secured by the commercial property expressed as % of total outstadning loans in the cover pool
Fixed Coupon	Issuer	All assets and liabilities in the covered bond program that yield a fixed interest rate
Floating Coupon	Issuer	All assets and liabilities in the covered bond program that have variable interest rates
EIEURxM	Reuters	Euro x Month EURIBOR
EURSWExY	Reuters	Euro x Year Interest Rate Swap Fixing

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Mortgage Covered Bond Program

# Creditreform C Rating

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