

## New Issue: Hipocat 8, Fondo de Titulizacion de Activos

### €1.5 Billion Mortgage-Backed Notes

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## €1.5 Billion Mortgage-Backed Notes

### Ratings Detail

Class	Rating*	Amount (Mil. €)	Available credit support (%)**	Interest	Legal final maturity
A1	AAA	250.0	7.85	Three-month EURIBOR plus 4 bps	March 15, 2038
A2***	AAA	1,155.5	7.85	Three-month EURIBOR plus 14 bps	March 15, 2038
B	AA	26.2	6.10	Three-month EURIBOR plus 16 bps	March 15, 2038
C	A-	35.6	3.73	Three-month EURIBOR plus 26 bps	March 15, 2038
D	BBB-	32.7	1.55	Three-month EURIBOR plus 46 bps	March 15, 2038

\*Standard & Poor's ratings address timely interest and ultimate principal. \*\*The credit support is based on current figures. \*\*\*The class A2 notes start amortizing on Dec. 15, 2006.

#### Transaction Profile

Originator	Caixa d'Estalvis de Catalunya
Arrangers	JP Morgan Securities Ltd. and Gestión de Activos Titulizados, S.G.F.T., S.A.
Lead managers	JP Morgan Securities Ltd., Banco Bilbao Vizcaya Argentaria, S.A., and Caixa d'Estalvis de Catalunya
Seller	Caixa d'Estalvis de Catalunya
Mortgage servicer	Caixa d'Estalvis de Catalunya
Security trustee	Gestión de Activos Titulizados, S.G.F.T., S.A.
Liquidity facility provider	Caixa d'Estalvis de Catalunya
Interest swap counterparty	Caixa d'Estalvis de Catalunya
GIC provider	Caixa d'Estalvis de Catalunya
Transaction account provider	Caixa d'Estalvis de Catalunya

#### Transaction Key Features

Closing date	May 12, 2005
Collateral	Securitization of the first drawdown of Caixa d'Estalvis de Catalunya's "Crédito Total (Cuota Variable)" product. This product is structured under a credit line contract. The credit line is secured by a first-lien mortgage over a residential property (see "Collateral Description")
Principal outstanding (Mil. €)	1,500
Country of origination	Spain
Geographic concentration	81.08% in Catalonia
Property occupancy	100% owner occupied
Weighted-average LTV ratio (%)	74.57
Average loan balance (€)	98,250
Loan size range (€)	25,000 to 469,474
Weighted-average seasoning (months)	24.40
Weighted-average asset life remaining (years)	25.30

Transaction Key Features (cont.)	
Weighted-average mortgage interest-rate (%)	3.60
Weighted-average margin at closing (%)	0.53
Weighted-average liability interest-rate (%)	Weighted-average coupon on notes at closing
Arrears	0.00
Redemption profile	Annuity (principal and interest payment)
Excess spread at closing	0.65% from the basis swap contract
Cash reserve (percentage of note balance at issuance)	1.55
Liquidity facility size (Mil. €)	56.25
Mortgage priority	First-lien
Maximum LTV ratio (%)	99.69
Principal deficiency ledger	No
Number of jumbo loans (> €400,000)	11

## Transaction Summary

Credit ratings were assigned to the €1.5 billion mortgage-backed notes issued by Hipocat 8, Fondo de Titulización de Activos.

The sole purpose of Hipocat 8 is to acquire the mortgage loan participations ("certificados de transmision de hipoteca", CTHs) from the participations' issuer, Caixa d'Estalvis de Catalunya (Caixa Catalunya), and to fund this through the issuance of five classes of floating-rate notes.

The notes are ultimately backed by a pool of first-ranking mortgages secured over owner-occupied residential properties in Spain and originated by Caixa Catalunya.

Caixa Catalunya is a leading financial entity in Catalonia, where its activities, including mortgage lending, are concentrated. Caixa Catalunya is the fourth-largest savings bank in Spain.

## Notable Features

This is the eighth securitization of Caixa Catalunya's residential mortgage portfolio.

The collateral for this issuance comprises solely flexible loans, which allow borrowers to take payment holidays and make further drawdowns.

The transaction mixes principal and interest from the mortgages to pay interest and principal due under the notes. However, to protect the holders of the more senior notes under certain stress scenarios, the priority of payments features a trigger that tests the amount of collateral versus liabilities. If the trigger is breached, a portion of the payment of subordinated interest is postponed.

The transaction also features a write-off mechanism whereby principal amortization is accelerated by the amount of loans over 18 months past due.

## Strengths, Concerns, And Mitigating Factors

### Strengths

- An interest-rate swap provides excess spread of 65 bps. The notional of the swap covers any loans up to three months delinquent, the negative carry created by the class A2 notes at the start of the transaction, and the servicer fee in case of replacement of Caixa Catalunya as servicer. The swap mitigates the basis risk of the transaction.
- The reserve fund is available to pay interest and principal on the notes.
- Loans that are over 18 months past due are written off. The effect of this mechanism is to trap excess spread to amortize the notes more quickly.
- The pool has a weighted-average seasoning of 24 months.
- Caixa Catalunya is an experienced servicer and originator with seven previous mortgage securitizations and one SME loan securitization.

### Concerns

- Borrowers can take up to 36 months of payment holidays, from both interest and principal repayment.
- Potential further drawdowns can be made on the loans if the outstanding balance is below 80% of the valuation amount, as the mortgage loans are revolving credit lines.
- Of the pool, 81.08% is concentrated in Catalonia, which is the originator's main market.
- The weighted-average LTV ratio of the collateral at closing was 74.57%, which is one of the highest in Spanish RMBS transactions.
- Caixa Catalunya is the swap counterparty and bank accounts provider for the transaction, even though it does not have a Standard & Poor's rating.

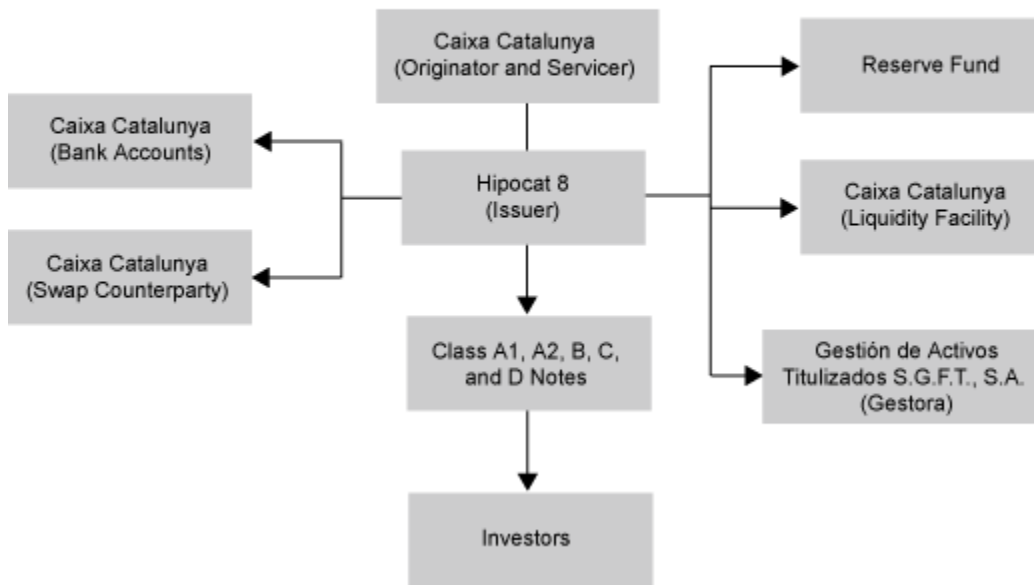
### Mitigating factors

- The payment holidays were accounted for in Standard & Poor's credit and cash flow analysis.
- Standard & Poor's analysis took into account the fact that further drawdowns from the credit line rank pari passu with the initial mortgage loan. These drawdowns are not an obligation of the originator, and Caixa Catalunya may decide not to grant further loans.
- Concentrations and high LTV ratios were taken into consideration in Standard & Poor's credit analysis.
- Caixa Catalunya's credit quality was assessed through a credit estimate. Adequate downgrade language is in place in case there is deterioration in Caixa Catalunya's credit risk.

## Transaction Structure

At closing, the originator issued transmission certificates that were purchased by Gestión de Activos Titulizados, S.G.F.T., S.A. the "sociedad gestora" (trustee equivalent), on behalf of the issuer (see chart).

**Chart 1**  
**Hipocat 8 FTA Structure**



Each transmission certificate represents, in an equal amount, the initial drawdown of each securitized mortgage loan. The transmission certificates entitle Hipocat 8 to any rights and proceeds due under the securitized portion of the mortgage loans.

The total outstanding amount of the mortgage loans to be purchased is €1.5 billion. To fund the purchase of the collateral, Hipocat 8 issued five classes of floating-rate, quarterly paying notes.

The class A1 notes start amortizing on the first interest payment date after closing. The class A2 notes start amortizing on Dec. 15, 2006.

The collateral is serviced by Caixa Catalunya, which collects the amounts due under the mortgages. Most of the monthly payments into the servicer's account are made in the first days of each month. The servicer transfers daily those payments to the transaction account of the issuer. The amounts held receive a guaranteed interest rate equal to three-month EURIBOR flat.

The issuer entered into an interest-swap agreement with Caixa Catalunya to counteract any basis risk arising from the various indices on the mortgages in the pool and the reference interest rate of the notes. Swap payments are used to pay the coupon on the notes plus an additional spread of 65 bps.

## Roles Of The Parties

### Hipocat 8, Fondo de Titulización de Activos (issuer)

The issuer, Hipocat 8, is a "fondo de titulización de activos" created for the sole purpose of purchasing the transmission certificates from Caixa Catalunya, issuing the notes, and carrying on related activities. The issuer represents a distinct and closed pool of assets available for distribution to the noteholders. The assets are insulated

from the insolvency of the originator and the sociedad gestora.

**Gestión de Activos Titulizados, S.G.F.T., S.A. (trustee or sociedad gestora)**

The sociedad gestora is Gestión de Activos Titulizados, S.G.F.T. The creation of the sociedad gestora was authorized by the Ministry of Economy and Treasury on Feb. 27, 1998. Under the legislation for mortgage securitization in Spain, the day-to-day operations of the issuer are managed by the sociedad gestora, which represents and defends the interests of the noteholders. The sociedad gestora, on behalf of the issuer, entered into certain contracts (two GIC agreements, a swap agreement, and subordinated loans) needed to protect it against credit losses and liquidity shortfalls, assumed to arise in connection with the holding of the transmission certificates. In this transaction, the main responsibilities of the sociedad gestora are to create the issuer, issue the notes on behalf of the issuer, calculate the interest rate on the notes, notify noteholders of any relevant information applicable to the notes, transmission certificates, and organize the annual audit.

**Caixa d'Estalvis de Catalunya (servicer, originator, and swap counterparty)**

Caixa Catalunya is the second-largest savings bank in Catalonia, the fourth-largest savings bank in Spain, and the eighth-largest banking group in Spain by deposits.

The Caixa Catalunya banking group consists of Caixa Catalunya, the holding bank, and a range of companies that provide services, investment funds, and pension activities, among other things, in the financial, insurance, real estate, and credit areas, including mortgage-lending activities.

On Dec. 31, 2004, Caixa Catalunya had about €36 billion in consolidated assets with a large point-of-sale terminal network, which at the same date comprised 1,004 branches (approximately 73.1% of which are in Catalonia) and 1,318 ATMs. At the end of 2004, the workforce numbered over 5,100.

## **Collateral Description**

As of March 31, 2005, the provisional pool of mortgage loans consisted of 17,195 amortizing loans secured by first-ranking mortgages over residential owner-occupied properties in Spain. The mortgages are registered on the property register. The initial LTV ratio of the loans can be up to 100%.

The product securitized is a flexible mortgage loan called "Crédito Total (Cuota Variable)", which is effectively a flexible, revolving credit line. One of the features of the product is to offer borrowers the possibility of making further drawdowns on the loans as they are repaid.

The portion of the mortgage loans securitized is the first drawdown made under the credit line. Subsequent drawdowns can be made up to 80% of the original LTV ratio, though the amount of the original loan cannot be exceeded.

The initial and subsequent drawdowns made under the credit line are guaranteed by the underlying property.

Further drawdowns are treated separately but rank in seniority *pari passu* with the initial withdrawal. In contrast with the initial withdrawal, the maturity of which can be up to 30 years, subsequent drawdowns must be repaid within a maximum of 10 years. The maturity of additional drawdowns cannot exceed the loan's original maturity date.

Additional drawdowns are not automatically granted, and in any case they must meet Caixa Catalunya's

requirements and credit approval.

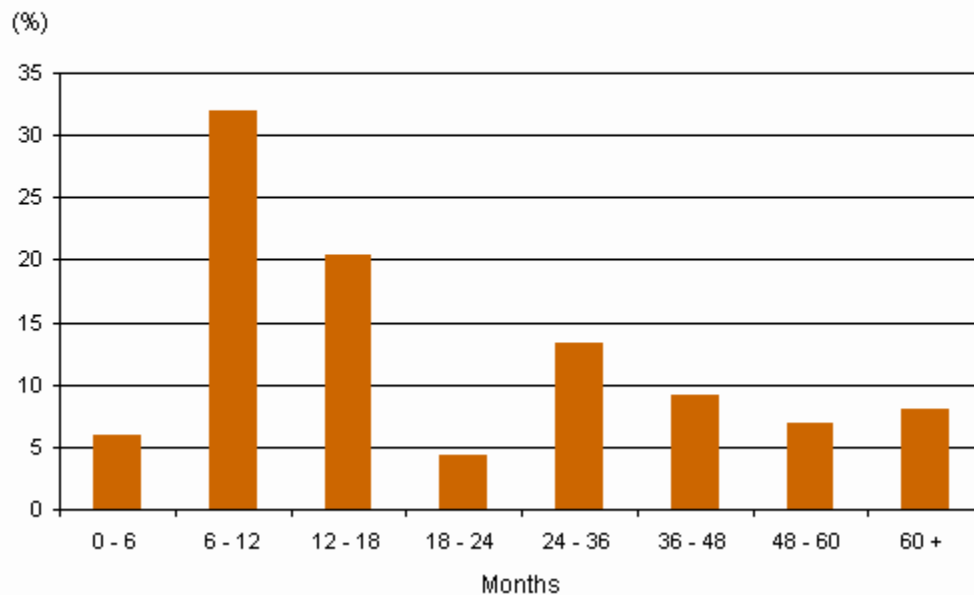
Another feature of these loans is the option to take payment holidays. Borrowers can take up to 12 consecutive months of payment holiday up to five times during the loan's life. The maximum total of payment holidays cannot exceed 36 months.

Caixa Catalunya has the option whether or not to grant payment holidays, and a series of conditions must be met before a payment holiday can be taken. During a payment holiday, interest is capitalized. Therefore, Caixa Catalunya recalculates the new monthly installments from the end of the payment holiday. In no case can the original limit be exceeded because of the capitalized interest.

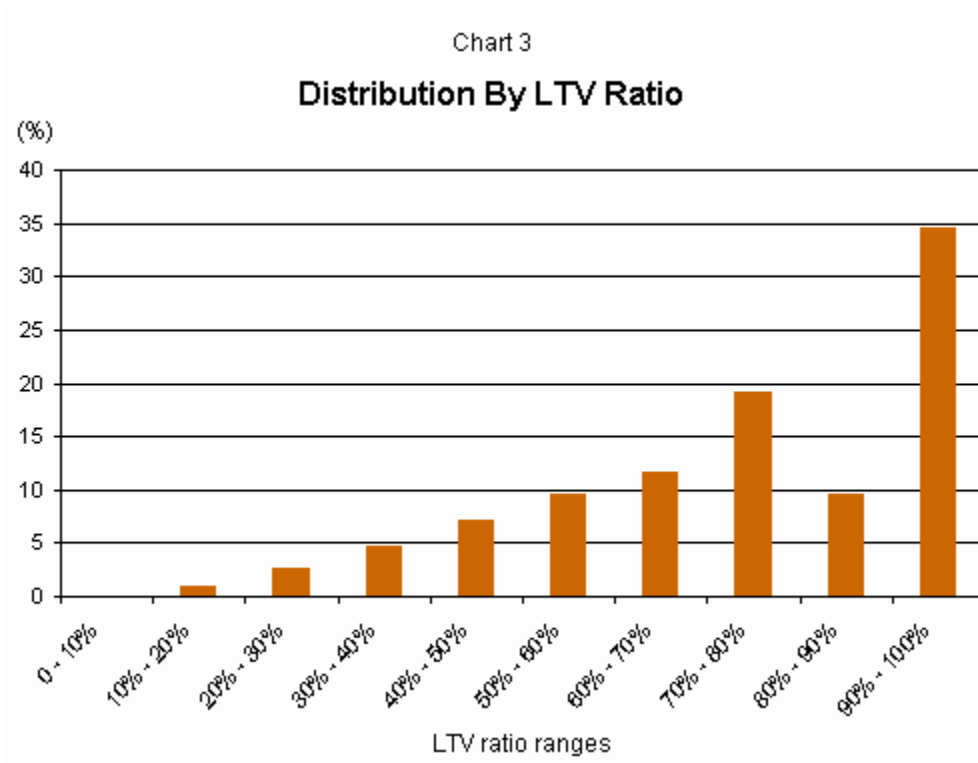
Features of the pool include the following:

- The pool is mainly concentrated in Catalonia (81.08%). Of the pool, 6.11% was originated in Madrid.
- No loans are more than 30 days in arrears.
- The pool was originated between 1994 and 2004. The weighted-average seasoning is 24 months, with 37.28% of the pool being originated more than 24 months ago. The weighted-average LTV ratio is 74.57% (see charts 2 and 3).

Chart 2  
Distribution By Seasoning







### Collateral risk assessment

Standard & Poor's conducted a loan-level analysis to assess the credit risk of the pool of mortgages. The collateral risk assessment analyzed the foreclosure frequency and loss severity of each loan. These depend on the characteristics of the borrower, the loan, and the desired rating on the notes.

The potential loss associated with a loan can be calculated by multiplying the foreclosure frequency by the loss severity. To quantify the potential losses associated with the entire pool, Standard & Poor's calculates a weighted-average foreclosure frequency (WAFF) and a weighted-average loss severity (WALS) at each rating level. The WALS was based on the maximum exposure incurred by the loans, should further drawdowns be granted.

The product of WAFF and WALS variables estimates the required loss protection during the life of the collateral in the absence of additional mitigating factors. The higher the targeted rating, the higher the required enhancement level.

## Credit Structure

### Mortgage loan interest rates

The pool consists of floating-rate mortgage loans that are indexed to EURIBOR, MIBOR, or IRPH (Indice de Referencia de Préstamos Hipotecarios; 55.4% of the pool). Mortgages in the pool have a weighted-average margin over the floating rate of 53 bps. The weighted-average interest rate is 3.6%.

### **Cash collection arrangements**

All payments made by the borrowers are paid into the collection account maintained with the seller. Principal, interest, and any penalties or prepayments are collected by the servicer in this account. Payments under the mortgage loans are due on the first business day of each month and payment settlements are done by direct debit.

### **Transaction account and amortization account**

On behalf of Hipocat 8, the servicer usually transfers daily, but in any case no later than 48 hours, the collected amounts to the GIC account held at Caixa Catalunya in the name of Hipocat 8.

Hipocat 8 entered into two GIC agreements with Caixa Catalunya, one each for the transaction account and the amortization account, under which Caixa Catalunya guarantees a rate of interest equal to the reference rate of the notes. The interest rate is reset quarterly.

The amounts corresponding to the amortization of the class A2 notes are deposited in the amortization account until the beginning of its redemption, on Dec. 15, 2006. The account is held with Caixa Catalunya.

If maintaining the accounts with Caixa Catalunya adversely affects the ratings on the notes, the sociedad gestora must, within 30 days:

- Seek to obtain a guarantee from another entity with a minimum short-term rating of 'A-1';
- Transfer the account, under the most favorable conditions, to an entity with a minimum short-term rating of 'A-1'; or
- If none of the above is possible, seek a pledge on short-term euro-denominated securities that carry a rating at least equal to the rating on Spanish public debt, or invest in short-term euro-denominated securities.

### **Account for excess funds**

If necessary, from the 18th month of the transaction the sociedad gestora opens on behalf of the issuer an "excess funds account" with an 'A-1+' rated entity. If funds held in the accounts with Caixa Catalunya exceed 18% of the outstanding balance of the notes, the excess of funds is transferred immediately to an 'A-1+' rated financial entity.

If the rating on the entity where the account for excess funds is held is lowered below 'A-1+', the trustee has 30 days either to find an 'A-1+' rated replacement entity or obtain a guarantee from an 'A-1+' rated entity.

During this 18-month period, if maintaining the issuer accounts with Caixa Catalunya is adversely affecting the ratings on the notes, the sociedad gestora takes the measures described in the previous section and opens, if necessary, an excess funds account with an 'A-1+' rated financial entity.

### **Liquidity facility commitment**

In case the total balance of the amounts in payment holidays of the loans at any time during the life of the transaction represents more than 35% of the outstanding performing balance of the collateral, Caixa Catalunya provides a liquidity facility amounting to the minimum of 3.75% of the issuance amount and 7.50% of the outstanding balance of the notes.

This liquidity facility is used to cover any liquidity shortfall in the payment of senior costs and non-deferred interests.

The maximum drawable amount is equal to the lower of (i) 3.75% of the issuance amount, (ii) 7.50% of the outstanding note balance, and (iii) the total unpaid interest on the loans that are on a payment holiday.

The liquidity facility ranks senior to note interest in the priority of payments.

Should maintaining the liquidity line contract with the liquidity line provider affect the ratings on the notes, the liquidity line provider would in 30 days be replaced by an 'A-1' rated entity, its obligations under this contract would be guaranteed by an 'A-1' rated guarantor, or the liquidity line would be cash collateralized in a suitably rated account.

### **Interest swap agreement**

Hipocat 8 pays the interest received on the mortgage portfolio to the swap counterparty and receives from the swap counterparty an amount calculated by applying three-month EURIBOR plus the weighted-average margin of the notes plus 65 bps on the notional of the swap.

The notional for the swap counterparty's calculation is:

- The daily average of the performing balance of the assets (up to 90 days past due); plus
- The negative carry in the structure due to the cash accumulation mechanism for the class A2 notes and the servicer fee in case Caixa Catalunya is replaced as servicer, divided by the sum of the weighted-average interest on the notes and 65 bps.

Given that the swap counterparty pays the servicing fee in case of replacement of Caixa Catalunya as servicer, if Caixa Catalunya is removed as swap counterparty, any cost of replacement is borne by Caixa Catalunya.

If maintaining Caixa Catalunya as swap counterparty adversely affects the ratings on the notes, Caixa Catalunya has 30 days either to find a substitute with a short-term rating of at least 'A-1', to find a guarantor with a short-term rating of at least 'A-1', or to post collateral according to Standard & Poor's criteria.

### **Reserve fund**

The originator provides a subordinated loan that funds the reserve fund. The reserve fund is fixed for the first three years of the transaction and then subsequently amortizes according to the transaction's performance.

- If the arrears ratio is lower than 3%, the reserve fund is the lower of: 0.75% of the original balance of the notes; and
- The higher of 3.10% of the outstanding balance of the notes and 1.55% of the issue amount.

If the arrears ratio is greater than 3%, the reserve fund is the lower of:

- 0.85% of the original balance of the notes; and
- The higher of 3.50% of the outstanding balance of the notes and 1.65% of the issue amount.

The reserve fund does not amortize if the three-month rolling arrears ratio is greater than 1.5% or if the difference between the outstanding balance of the notes and the sum of the balance of the amortization account and performing balance of the collateral (including loans in arrears up to 90 days) is greater than zero.

The reserve fund is used to pay interest and principal of the notes.

### **Redemption of the notes**

Unless redeemed earlier, the notes are redeemed at their legal final maturity on March 15, 2038, which is 36 months after the maturity of the longest-term mortgage loan in the pool.

Payments to the noteholders are made in arrears quarterly, commencing Sept. 15, 2005. The notes receive three-month EURIBOR plus a margin shown in the opening table.

The transaction mixes principal and interest to pay interest and principal on the notes. All available funds allocated in the priority of payments come first from the funds received from the swap counterparty and the yield of the GIC account, then from the principal repayments on the collateral and, if necessary, from the reserve fund.

A trigger would be implemented to partially defer interest on the more subordinated notes for the benefit of payment of principal for the more senior notes. The trigger is activated if the more senior notes are not sufficiently covered by the collateral. However, when the trigger is activated, there would still be an interest payment on the postponed class senior to principal repayment of the notes, but the available funds for this payment would not include principal collections on the collateral.

The trigger is as follows:

- Interest on the class B notes is deferred if the outstanding balance of the class A notes less the available funds after payment of interest on the class B notes, the balance of the amortization account, and the performing balance of the collateral is greater than zero.
- Interest on the class C notes is deferred if the outstanding balance of the class A and B notes less the available funds after payment of the interest on the class C notes, the balance of the amortization account, and the performing balance of the collateral is greater than zero.
- Interest on the class D notes is deferred if the outstanding balance of the class A, B, and C notes less the available funds after payment of interest on the class D notes, the balance of the amortization account, and the performing balance of the collateral is greater than zero.

At any payment date the amount of principal due under the notes ("the amortization amount") is calculated as the difference between the outstanding balance of the notes and the sum of the outstanding balance of the assets, excluding the loans that are more than 18 months past due, and the balance of the amortization account.

The class A1 notes start amortizing from the first interest payment date. However, all amortization amounts corresponding to the class A2 notes are held in the amortization account until Dec. 15, 2006, unless the class A1 notes are amortized earlier.

No amounts are allocated to the amortization of the class A2 notes until the class A1 notes are fully amortized except if, on any payment date, the three-month arrears ratio is greater than 1.5%, in which case the classes A1 and A2 are paid pro rata.

The subordinated notes amortize sequentially. Pro rata payment among the outstanding notes applies if a series of conditions, some of which are featured below, are met:

- Subordination of the class B, C, and D notes must represent 12.6% of the outstanding balance of the notes.
- The reserve fund must be fully topped up.
- The difference between the outstanding balance of the notes and the available funds for amortization must be less than or equal to zero.
- The balance of the outstanding amount of the loans over 90 days in arrears must be less than 1.5%.
- The outstanding balance of the loans must be greater than 10% of the pool at closing.

## Standard & Poor's Stress Test

Standard & Poor's analysis includes a conservative assessment of the credit risk inherent in the transaction, as described in the section titled "Collateral risk assessment". The credit enhancement levels were sized after analyzing the effect that severe stress scenarios would have on the mortgage loan collateral. As a result of this analysis, Standard & Poor's estimated the largest amount of potential losses that could occur as a result of these stress scenarios and set the amount of loss protection required on the notes.

Specific penalties were applied with respect to the levels of aggregate defaults expected on the pool to reflect the foreclosure frequency attached to specific assets and/or the assets' location, and any terms and conditions that might increase or decrease credit risk. The analysis fully reflects the specific features of the Spanish market with respect to loss severity, foreclosure costs, and foreclosure periods.

A cash flow model simulating the portfolio's performance within the transaction's documented structure was run under certain rating scenarios to stress liquidity and the level of excess spread in the transaction. Prepayment levels, fees, and expenses paid by the issuer and delinquencies were the most important parameters stressed in all the runs.

## Surveillance Details

Continual surveillance is maintained on the transaction until the notes mature or are otherwise retired. To do this, regular servicer reports detailing the performance of the underlying collateral are analyzed, supporting ratings are monitored, pool cuts are assessed, and regular contact is made with the servicer to ensure that minimum servicing standards are being sustained and that any material changes in the servicer's operations are communicated and assessed.

## Criteria Referenced

- "Legal Criteria for Structured Finance Transactions" (published in April 2002).
- "Guidelines for the Use of Automated Valuation Models for U.K. RMBS Transactions" (published in Feb. 20, 2004).
- "Criteria For Rating Spanish Residential Mortgage-Backed Securities" (Published In March 2002).

## Related Articles

- "Ratings Transitions 2003: Upgrades on the Rise as European Structured Finance Ratings' Stability Continues" (published on Jan. 15, 2004).

All criteria and related articles are available on RatingsDirect, Standard & Poor's Web-based credit analysis system, at [www.ratingsdirect.com](http://www.ratingsdirect.com). The criteria can also be found on Standard & Poor's Web site at [www.standardandpoors.com](http://www.standardandpoors.com).

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