
UNITED STATES
SECURITIES AND EXCHANGE COMMISSION
Washington, D.C. 20549

FORM 6-K

REPORT OF FOREIGN PRIVATE ISSUER PURSUANT TO RULE 13a-16 or 15d-16
UNDER THE SECURITIES EXCHANGE ACT OF 1934

Date of Report: December 10, 2009

CEMEX, S.A.B. de C.V.
(Exact name of Registrant as specified in its charter)

CEMEX Publicly Traded Stock Corporation
(Translation of Registrant's name into English)

United Mexican States
(Jurisdiction of incorporation or organization)

Av. Ricardo Margáin Zozaya #325, Colonia Valle del Campestre
Garza García, Nuevo León, México 66265
(Address of principal executive offices)

Indicate by check mark whether the registrant files or will file annual reports under cover Form 20-F or Form 40-F.

Form 20-F Form 40-F

Indicate by check mark whether the registrant by furnishing the information contained in this Form is also thereby furnishing the information to the Commission pursuant to Rule 12g3-2(b) under the Securities Exchange Act of 1934.

Yes No

If "Yes" is marked, indicate below the file number assigned to the registrant in connection with Rule 12g3-2(b):

N/A

Contents

1. Press release, dated December 9, 2009, announcing the pricing of offerings of U.S.\$1.25 billion aggregate principal amount of U.S. Dollar denominated notes and €350 million aggregate principal amount of Euro denominated notes.
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SIGNATURE

Pursuant to the requirements of the Securities Exchange Act of 1934, CEMEX, S.A.B. de C.V. has duly caused this report to be signed on its behalf by the undersigned, thereunto duly authorized.

CEMEX, S.A.B. de C.V.
(Registrant)

Date: December 10, 2009

By: /s/ Rafael Garza
Name: Rafael Garza
Title: Chief Comptroller

EXHIBIT INDEX

EXHIBIT NO.

DESCRIPTION

1. Press release, dated December 9, 2009, announcing the pricing of offerings of U.S.\$1.25 billion aggregate principal amount of U.S. Dollar denominated notes and €350 million aggregate principal amount of Euro denominated notes.

EXHIBIT NO. 1: Press release, dated December 9, 2009, announcing the pricing of offerings of U.S.\$1.25 billion aggregate principal amount of U.S. Dollar denominated notes and €350 million aggregate principal amount of Euro denominated notes.

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**CEMEX ISSUES NOTES
IN EXCESS OF US\$1.75 BILLION**

MONTERREY, MEXICO, December 9, 2009 – CEMEX, S.A.B. de C.V. (NYSE: CX), announced today the pricing of offerings of US\$1.25 billion aggregate principal amount of US Dollar-denominated notes and €350 million aggregate principal amount of Euro-denominated notes.

The US Dollar-denominated notes mature in 7 years and will pay a coupon of 9.50%, annually. The Euro-denominated notes mature in 8 years and will pay a coupon of 9.625%, annually.

The notes will be issued at par and will be callable commencing on their 4th anniversary. The closing of the offerings is expected to occur on December 14, 2009, subject to satisfaction of customary closing conditions.

CEMEX intends to use a majority of the net proceeds from the offerings of the notes to prepay principal outstanding under the Company's debt Financing Agreement completed on August 14, 2009 and approximately US\$400 million of the net proceeds will increase its cash balance and be used for general corporate purposes.

Each series of notes will share in the collateral pledged to the lenders under the Financing Agreement and will be guaranteed by CEMEX and the subsidiaries which have provided guarantees under the Financing Agreement.

The Notes and the guarantees thereof have not been and will not be registered under the Securities Act or any state securities laws, and they may not be offered or sold in the United States absent registration or an applicable exemption from the registration requirements of the Securities Act.

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This press release contains forward-looking statements and information that are necessarily subject to risks, uncertainties, and assumptions. No assurance can be given that the offerings described herein will be consummated or as to the terms of any such offering. CEMEX assumes no obligation to update or correct the information contained in this press release.