

Broco[®] stucco cement



UNITED STATES

PRODUCT DESCRIPTION

CEMEX Broco[®] stucco cement meets the requirements of ASTM C91 for masonry cement and ASTM C1328 plastic (stucco) cement for use in stucco mixtures.

Basic Use

Broco stucco cement will produce a stucco designated "MS" or "FMS" as defined in ASTM C926 "Standard Specification for Application of Portland Cement-Based Plaster." This product, when proportioned and mixed in accordance with ASTM C926, is designed to provide excellent workability and bond.

Limitations

Broco stucco cement contains a water-repellent agent which is interground with the cement during finish grinding. No other additives are necessary.

When stucco is to be applied to smooth, non-porous solid substrates, a quality bonding agent (or other approved method outlined in ASTM C926) is recommended to be used to ensure adequate adhesion.

INSTALLATION

Mixing

Approximately two thirds of the water should be added to the mixer with one half of the sand followed by the Broco stucco cement. Add the remaining sand and sufficient water to reach the desired consistency and mix for no less than five full minutes. A mixing time from five to ten minutes can increase the air content and yield. The plaster mortar may be hand or machine applied. The number of coats and the thickness of the stucco should be consistent with industry standards.

Proportioning

The stucco should be produced with sand meeting the requirements of ASTM C897 or ASTM C926. The stucco cement shall be proportioned in accordance with Tables 2 and 3 of ASTM C926.

Table 1 presents the approximate amount of stucco cement and sand batched at a 1:3 ratio, respectively, to produce stucco to cover 100 square feet of surface area based on the application thickness.

Table 1: Materials required to produce 100 square feet of surface area using a 1:3 mixture *

Thickness (inches)	Broco stucco cement bags	Volume of sand (cubic feet)
1/2	2.0	6.0
5/8	2.5	7.5
3/4	3.0	9.0
1	3.5	10.5

*Estimation based on 1 cubic foot of damp loose sand containing 80 lbs. of dry sand. (No allowance for waste.)

Curing

A light fogging with water two times a day for three days will preserve the appearance of the wall while minimizing drying shrinkage, cracking and its associated de-bonding. It is recommended that users adhere to the curing procedures provided in ASTM C926.

TECHNICAL DATA

Applicable Standards

The following standards apply to the use of CEMEX Broco stucco cement:

ASTM C91, *Standard Specification for Masonry Cements*

ASTM 1328, *Standard Specification for Plastic (Stucco) Cement*

ASTM C926, *Standard Specification for Application of Portland Cement-Based Plaster*

ASTM C897, *Standard Specification for Aggregate for Job-Mixed Portland Cement-Based Plasters*

Water

All water should be clean and free from organic material and deleterious amounts of dissolved acids, alkalies and salts.

Precautions

Freshly mixed cement, mortar, grout or concrete may cause minor skin irritations. Avoid direct contact with skin and eyes and if contacted, wash exposed areas promptly with water. Refer to the applicable CEMEX product MSDS prior to use which may be obtained by calling 1-800-99-CEMEX (1-800-992-3639).

Availability

CEMEX Broco stucco cement is available in both bulk and/or 79 pound moisture resistant bags in some market areas, and can be ordered by contacting CEMEX Sales at 1-800-99-CEMEX (1-800-992-3639).

Warranty

CEMEX warrants that the products identified are in accordance with the appropriate current ASTM and Federal Specifications. No one is authorized to make any modifications or addition to this warranty.

CEMEX makes no warranty or representation, either expressed or implied with respect to this product and disclaims any implied warranty of merchantability or fitness for a particular purpose.

As CEMEX has no control over the other ingredients mixed with this product or the final application, CEMEX does not and cannot warrant the finished work.

In no event shall CEMEX be liable for direct, indirect, special, incidental or consequential damages arising out of the use of this product, even if advised of the possibility of such damages. In no case shall CEMEX's liability exceed the purchase price of this product.

TECHNICAL SERVICES

CEMEX personnel are available to provide technical assistance by contacting 1-800-99-CEMEX (1-800-992-3639)

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