

Expo Marblecrete Matrix



DESCRIPTION

USE:

Expo Marblecrete Matrix is a portland cement formulation designed as a base in which to imbed exposed pebble, rock or marble chips.

COVERAGE:

One 90-pound sack of Expo Marblecrete Matrix will cover approximately 3-4 square yards at 1/2-inch thickness.

COMPOSITION:

Expo Marblecrete Matrix is a mechanically blended compound of portland cement, hydrated lime, inert aggregates and proprietary additives, packed in sealed, water-resistant multi-wall bags.

ADVANTAGES:

Expo Matrix is a completely prepared and integrally colored product, ready to use with the addition only of water on the job site. Expo Matrix is formulated to have little or no shrinkage.

SHELF LIFE:

Six (6) months if kept in dry condition.

JOB PROCEDURE

SUBSTRATE:

May be applied over frame or concrete construction.

MIXING:

Power mix for at least 15 minutes, adding clean water only to bring to the desired consistency for application.

APPLICATION:

In framed construction, the scratch coat shall be 3/8-inch minimum thickness, cover all wire, scored horizontally and cured for 48 hours. Note: Where building codes permit, Expo Matrix may be applied over a leveled and scored scratch coat of 3/8-inch minimum thickness. Apply Expo Perma Crete Adhesive to the scratch coat to even out suction. Apply a leveling coat of matrix to the scratch coat. Allow matrix to firm up. Apply a second coat of matrix 1/4" to 3/8" thickness. Expo Matrix should be cut back 1/8-inch from the plaster grounds to allow for the thickness of the rocks. Application should be done one panel at a time.

Over concrete construction, clean the surface thoroughly by sandblast or acid wash. Apply Expo Perma Crete Adhesive to even the suction. Apply a 1/8" coat of matrix and allow it to firm up. Apply an additional 1/4" to 3/8" matrix, level and cut back 1/8" from the plaster grounds to allow for the thickness of the rocks. Application should be done one panel at a time.

CURING:

Take extreme care during dry weather. Wait 24 hours after application then fog spray very lightly and evenly with water. Do not saturate the surface. In slightly humid or overcast weather, water curing is not necessary.

MATERIAL STANDARDS:

Hydrated Lime: Federal Specification SS-L-351B, Type F and Type M, A.S.T.M. Designations C206-84 (Type S) and C207-79 (Type S), U.B.C. Standard No. 24-18-82. Portland cement: Type 1 A.S.T.M. Designation C150-56, Federal Specification SS-C-192B.