



Expo Fibrewall™ Fiber Reinforced Stucco System

DESCRIPTION

USE:

An alternate stucco wall system providing a rapid construction, energy efficient wall for residential and commercial structures.

COVERAGE:

One 80-pound sack of Expo Fibrewall covers approximately 10 square yards at 3/8-inch thickness.

COMPOSITION:

Expo Fibrewall is a proprietary compound of portland cement, hydrated lime, chopped fiber and other additives. Fibrewall concentrate is mixed with washed plaster sand and water on the jobsite.

ADVANTAGES:

Expo Fibrewall "One-Coat" system is designed to be a single, fiber-reinforced base coat that can be finished on the following day, saving at least 1/3 the time of a conventional plaster schedule.

Expo Fibrewall provides an energy-saving R-19 wall in a system of 2 x 4 studs, 1-inch foam insulation board, R-13 batts and 1/2-inch drywall. Expo Fibrewall provides superior tensile strength, abrasion and chemical resistance, crack resistance, resistance to freeze/thaw conditions, impermeability and solid bonding to the substrate.

SHELF LIFE:

Six (6) months if kept in dry condition.

JOB PROCEDURE

SUBSTRATE:

Expo Fibrewall can be applied over a wide variety of substrates including polystyrene foam insulation board, gypsum sheathing and plywood.

MIXING:

Expo Fibrewall should be mixed mechanically at a ratio of one 80-pound sack to 240 pounds of washed plaster sand and 4 1/2 to 6 gallons of clean water. Mix for at least five minutes.

APPLICATION:

Expo Fibrewall is applied to a minimum thickness of 3/8-inch by hand or machine. The following finish sequence is recommended when machine applied:

1. Darby, being careful not to overwork.
2. Even the surface with a trowel.
3. Allow Fibrewall to "take-up" (about 1/2 to 1 hour). Finish with rubber float.

CURING:

Expo Fibrewall is self-curing under moderate weather conditions. If the temperature is above 70°F, or if the weather is windy and dry, water cure to assure complete hydration of the cement plaster.

FINISH COAT:

Finish coat may be applied within 24 hours after the base coat has been adequately cured.

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.