Expo Fibrewall™ Redi-Blend Fiber Reinforced Stucco System

DESCRIPTION

USE:

Fibrewall Redi-Blend is a high-quality, fiber-modified portland cement-based exterior plaster system, designed for application over a variety of substrates, including foam, wood, gypsum, masonry, or concrete. Redi-Blend is a complete product requiring only the addition of water. The control of mix ratio and quantity of sand at the factory eliminate the inconsistency associated with job-site mixes. This provides a consistent mix from bag-to-bag and batch-to-batch which aids in producing a uniform, durable basecoat. In environmentally sensitive areas it removes the obstacle of containing on-site contamination from sand piles.

COVERAGE:

One 80-pound sack of Fibrewall Redi-Blend will cover approximately 20 to 25 square feet at 3/8-inch thickness; approximately 15 to 18 square feet at 1/2-inch thickness.

COMPOSITION:

Fibrewall Redi-Blend is a formulation of portland cement, fibers, plaster sand, and other proprietary additives for superior workability and strength.

ADVANTAGES:

- Superior tensile strength
- Abrasion and chemical resistant, crack resistant
- Resistant to freeze/thaw conditions
- Excellent workability
- Easy handling on difficult access and multi-story jobs
- Factory controlled blending for consistent results on the job
- Can be hand or machine applied
- Ideal basecoat for color finishes
- Saves time
- Energy efficient

SHELF LIFE:

Six (6) months if kept in dry conditions.

JOB PROCEDURE

SUBSTRATE:

Substrates must be prepared in accordance with the following designations: ASTM C1063, ASTM C847, ASTM C933, ASTM C1032 and all applicable building codes.

Approved substrates include: EPS Foam Insulation Board, Extruded Polystyrene Board, Polyisocyanurate Foam Plastic Board, Fome-Cor Lathing Material, Gypsum Board, Fiberboard, Wood Structural Panel Sheathing, and Masonry Surfaces.

Over wood based sheathing, two (2) layers of Grade D building paper are required.

Masonry and concrete surfaces must be sound, clean, unpainted and free of any residue that may affect the bond to the surface.

Do not apply to substrates that are frozen or contain ice or frost.

MIXING:
Add approximately 1 to 1 1/2 gallons of clean potable water to a plaster mixer for each 80-pound bag of Fibrewall Redi-Blend to be mixed in a batch. Add Fibrewall Redi-Blend to the mixer and mix for approximately 3 to 5 minutes to provide optimum workability. Variation in water content and mixing time will affect strength and consistency from batch to batch.

CAUTION: Do not over mix!

APPLICATION:
Fibrewall Redi-Blend may be hand or machine applied at a minimum 3/8-inch or 1/2-inch thickness to approved substrates in accordance with ICC Legacy Report No. ER-4368. The following finish sequence is recommended when machine applied:

1. Darby, being careful not to overwork.
2. Even the surface with a trowel.
3. After initial "take-up", open surface with a rubber float or by brushing.

CURING:
Proper curing is important especially in hot or windy conditions. Provide sufficient moisture to permit continuous hydration of the cementitious materials and minimize cracking. Under normal conditions Fibrewall Redi Blend should be moist cured for the first 48 hours after application, thoroughly wetting the wall with a fine mist of water twice a day. In extreme hot and/or windy conditions it may be necessary to moist cure 4 or 5 times daily.

FINISH COAT:
Various finish coats such as Expo Exterior Stucco Color Coat, acrylic stucco, acrylic paint, or elastomeric finishes may be applied after the base coat has properly cured. Any finish coat must be PH compatible with portland cement substrates.

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.