

Decoplast Fiber Reinforced One Coat Stucco “Concentrate”

Description

- The Decoplast Fiber Reinforced One Coat Stucco is an alternative coating to Coatings specified in chapter 25 of the 1997 UBC, the 2000 IBC and R703 of the 2000 IRC. This coating system is a predominantly cementitious mix for use as an exterior coating reinforced with wire, specified fiber or metal lath. The approved substrates are: EPS foam board, fiberboard, plywood, OSB or gypsum sheathing on exterior walls of wood or steel stud construction.

Preparation

- Installation of self furring metal lath 2.5 or 3.4 pcf or approved equal over two layers of Grade D 30 minute building paper or approved equal shall be as per ANSI A42 and ASTM C926 or local building codes. Expansion areas should not exceed 144sf.

Mixing

- By machine mix with a paddle type mixer. For each 80LB bag mix 5.25 gallons of clean potable water. Add 200-240 lb of clean plaster sand. Mix for 2-3 minutes until a firm workable consistency is achieved. Do not over mix. Over mixing may damage fibers. Only mix in amounts that can be used in a one hour period.

Application

- Decoplast Fiber Reinforced One Coat Stucco may be applied by spray or trowel. Apply stucco on to the lath working from bottom to top. Force the stucco through the lath filling the gap between the lath and substrate. Minimum thickness should be 3/8". Use a straight board or darby to screed the stucco flat. When the stucco has lost its sheen use a float to smooth the surface. Upon completion moist cure surface for 2 days and then air cure for 5 days before applying Decoplast primer and Decoplast acrylic finishes.

Physical Properties

Transverse Load Strength – ASTM E72	
Wood Studs: Average load failure.....	96 psf
Metal Studs: Average load failure.....	138 psf
Water Vapor Permeability – ASTM E514..... 7.2 perms @ 14 days	
Compressive Strength – ASTM C109..... 2020 psi @ 28 days	
Flexural Strength – ASTM C348..... 570 psi @ 28 days	
Tensile Strength – ASTM C109..... 180 psi @ 28 days	
Freeze / Thaw – ICBO Acceptance.....	No visible cracking, delamination or checking after 10 F/T cycles at 75° to -20°F
Wind Driven Rain – ASTM E514.....	0.002 lb per hour for 24 hours. Average flow.

Cleaning

- Clean equipment and containers with water immediately after use.

Cautions

- Protect the material from freezing.
- Contains Portland cement and silica.
- Avoid inhaling dust.
- Handle with care.
- Consult the manufacturer's Material Safety Data Sheets.

Availability

- Decolastic Fiber Reinforced One Coat Stucco (Concentrate) is available only at authorized Decoplast distributors.

Warranty

- Consult your nearest Decoplast professional for details.

Disclaimer

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