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THERMO-SHIELD

Foundation Coating

DESCRIPTION

THERMO-SHIELD is a Portland cement based, polymer-modified mortar, supplied as a two-component kit. The kit includes a dry component A, liquid component B, reinforcing tape, and instructions.

USES

THERMO-SHIELD provides protection for rigid polystyrene insulation against damage by weather, ultraviolet rays, and normal physical wear.

FEATURES/BENEFITS

- Waterproof and weather proof
- Breathable and durable
- No chipping, peeling, or flaking
- High abrasion and UV resistance
- Unaffected by salts and acid rain
- Non-flammable
- Economical and easy to apply

PACKAGING

Kit is packaged in a 20 L (5.3 gal.) pail containing a 20 kg (44.3 lb) bag of dry Component A and a 1.75 L (0.46 gal.) bottle of liquid Component B.

COLOUR

Dark Grey, White

COVERAGE

Yield is 9.4 L (0.33 ft.³)

Covers approximately 4.7 m² @ 2 mm (49.8 ft.² @ 80 mils) thickness per kit.

SHELF LIFE

When stored on pallets in a dry area, shelf life is 12 months

APPLICATION

Surface Preparation ... Fasten the insulation as required. Tape the joints, corners, and fastener heads with the glass tape. Scrape the surface of the insulation with a steel brush.

Mixing ... Remove the bag with the dry Component A from the pail. Pour all the liquid Component B into the empty pail. Fill the empty container with water. Pour about 2/3 of the water into the pail. Add the dry Component A into the liquid, while mixing thoroughly using a heavy duty drill (400 - 600 RPM) with a mixer. Adjust the water to obtain trowelable consistency.

Application Method ... Pre-coat all the taped areas using a wide putty knife.

After covering all the taped areas, adjust the coating to a brushable consistency by adding the remaining water and mix thoroughly. A small additional amount of water may have to be used, especially under higher ambient temperatures. Test the mixture by brushing on a small area before beginning the overall application. If the coating stiffens during the application, remix, while adding a small amount of water.

Apply THERMO-SHIELD with a stiff brush using a semi-circular motion. Apply approximately 3 mm (1/8") thick coating and create the texture immediately. Cover only about a 1 m (3') section at one time. Clean the brush periodically to avoid a buildup of the coating.

The product can be also applied by trowel, providing less mixing water is used to obtain a trowelling consistency of the material.

Avoid possible colour shade differences by mixing enough coating to cover an entire wall section.

Curing ... Protect against rapid surface evaporation due to heat and wind. Allow to air cure for 48 hours before painting.

Clean Up ... All tools must be cleaned with water immediately after use. Cured material can only be removed mechanically.

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LIMITATIONS/PRECAUTIONS

Do not apply when the temperature is expected to be below 4° C within 24 hours or when rain is imminent. Follow hot weather concreting precautions when applying at temperatures exceeding 25° C or under sunny and windy conditions. Protect Component B material from freezing.

2023-12-15



LIMITED WARRANTY

W. R. MEADOWS, INC. warrants at the time and place we make shipment, our material will be of good quality and will conform with our published specifications in force on the date of acceptance of the order. Read complete warranty. Copy furnished upon request.

Disclaimer

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