

THERMO-SHIELD® WALL PRIMER

DESCRIPTION

Thermo-Shield® Wall Primer is a water-based elastomeric coating and sealant made from 100% acrylic resins. This extremely durable, penetrating sealant is specifically designed with tenacious adhesion to be used as a prep and prime coat and/or to restore porous/coarse or highly weathered surfaces. This product is formulated with mildew resistant agents and exhibits excellent vapor permeability.

TYPICAL USES

Thermo-Shield® Wall Primer is ideal for use over gypsum board, in addition, when local codes require the use of a primer on exterior and/or interior concrete block, precast concrete, masonry, wood shake, brick, stone, slate, stucco and wood.

SURFACE PREPARATION

All surfaces must be clean, dry and free of dust, dirt, oil, grease and mildew. Remove any trace of mildew by washing with a solution that kills mildew spores. Old paint/coating or residue that is loose or peeling must be removed by scraping, sanding, wire brushing or pressure washing. Avoid using cleaners with built-in wax or silicone additives since this may affect coating bond.

APPLICATION

This product is designed as a low-hide base or primer coat only. It is not intended to be used as a top or finish coat. Maximum adhesion is achieved only when the surface is clean, dry and properly prepared. Apply one coat at approximately 0.14 – 0.2 L / m² (200 – 300 square feet / gallon); material requirements will increase with coarse or highly weathered surfaces. A continuous film should be applied, making sure all surfaces are uniformly coated and free from voids, pinholes and blisters. Apply with a brush, roller (1/4" Nap) or spray equipment (see details below).

DRYING TIME

To set: 1 hour

To re-coat: 4 hours

At 24 Deg °C (75 Deg F) and 50% relative humidity

Drying time is retarded by very high humidity. Do not apply at temperatures below 50 Deg F. Do not apply when rain is eminent.

EQUIPMENT

Roller or airless spray application is recommended. Very small areas may be brushed.

Airless Sprayer:

Tip Orifice: 0.0517 or 0.515 inches (minimum)

Atomizing Pressure: 2000 psi (minimum)

Fan Spread: 60 Degrees

COLOR

White

CLEAN UP

Clean tools and equipment with warm soapy water. Rinse with clean water; flush mineral spirits through spray equipment to prevent rusting and to lubricate packing and gaskets.

PACKAGING

3.3 gallon (12.5 Liter) pails, 5 gallon (19 Liter) pails and Lined 55 gallon (209 Liter) drums.

STORAGE

Store at minimum 1 °C (33.8 Deg F) - maximum 30 °C (86 Deg F)

DO NOT FREEZE

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