



Hardcoat Mortar

Hardcoat Mortar is a high-performance, polymer-modified leveling base coat, foam trim adhesive and base coat for Portland cement stucco. Hardcoat Mortar mixes easily with water its creamy consistency helps true wall surfaces while providing additional weather protection.

PACKAGING & COVERAGE: Hardcoat Mortar is packaged in its natural gray or white color. Hardcoat Mortar is packaged in moisture resistive, 50lb. (22.7 kg) bags. The coverage of Hardcoat Mortar is approximately 80ft² to 90ft² (7.4m² to 8.4m²). Coverage may vary due to ambient temperature, surface temperature, surface porosity, and/or application methods.

STORAGE: 1. Store bags in a cool, dry location. 2. Store away from direct contact with the ground and/or concrete. 3. Store out of direct sunlight. 4. Protect bags from weather and other damage.

AREA OF USE: Hardcoat Mortar may be applied to the following substrates: 1. Portland Cement Stucco 2. Masonry 3. Poured-in-place and/or Tilt-up concrete. 4. Expanded Polystyrene Trim (with reinforcing mesh)

SURFACE PREPARATION: All surfaces to receive application must be clean, dry and free of debris, dirt and dust, efflorescence, grease, oils, curing agents, paint/coatings and cleaning solutions. Ensure that all surfaces are smooth and free of any irregularities. Repair all cracks with the appropriate patching material for the existing substrate. Cleaning and smoothing may be accomplished by pressure washing, mechanical sanding, scraping, chipping, and/or sand blasting. Smooth or glossy surfaces must be roughened to ensure a proper bond.

MIXING: 1. Add 1.5 gallons (5.7L) of clean, potable water to a clean 5 gallon pail. 2. Slowly add one bag of Hardcoat Mortar to the water while continuously stirring using a heavy duty 1/2" drill at 400 - 500 rpm and a heavy duty mixing paddle. 3. Mix thoroughly for a minimum of 3 to 5 minutes. 4. Stop mixing and allow the material to take its initial set. 5. Re-temper the material adding only enough water to reach the desired consistency. DO NOT add any more water than prescribed.

APPLICATION

For Use As A Leveling Coat: 1. Apply the material to the area needed to be leveled. 2. Application method will vary due to job conditions. NOTE: Protect applied product from inclement weather until fully cured or finish is applied.

For Use As A Foam Trim Adhesive: 1. Apply the Hardcoat Mortar to the back of the EPS Insulation Board with a 3/8"x3/8"x3/8" (9.5x9.5x9.5 mm) or a 3/8"x1/2"x1-1/2" (9.5x13x38 mm) stainless steel notched trowel. 2. Apply the Hardcoat Mortar to the back side of the insulation board. 3. Press the trim piece onto the wall at the desired location. 4. Allow the Hardcoat Mortar to set for a minimum of 24 hours prior to working on the insulation board.

For Use As A Foam Trim Base Coat: 1. Apply Hardcoat Mortar to the substrate a minimum of 1/16" (3.2mm) thick. 2. Completely embed Master Wall Inc.® Reinforcing Mesh into the wet skim coat. 3. Trowel smooth, ensuring that no reinforcing mesh color is visible.

Product should fully cure in 7 to 28 days following application. Curing time may vary due to ambient temperature, surface temperature surface porosity, application methods, and/or thickness of material. All freshly applied material must be protected by an approved protective system from inclement weather for a minimum of 24 hours at 70°F (21°C) and 55% R.H. It is the responsibility of the applicator to determine if the product is cured and/or dry prior to exposing it to rain, snow, dew, and/or any other inclement weather condition that may be detrimental to the product. Cover with an approved coating or Accent Stucco Finish as soon as possible.

DO NOT apply product when the ambient and surface temperature is below 40°F/4°C or above 100°F/34°C. The ambient and surface temperature must stay consistently within this range until fully cured (see also CURING). Material that is allowed to freeze may suffer irreparable damage. Protect all work from inclement weather with an approved protective system until fully cured.

DO NOT add any other materials to the mixture of the product without written approval from Master Wall Inc.® deviate in the mixing or application procedures contained in this, or any other ACCENT Data Sheets, without written approval from Master Wall Inc.®

Cleaning may be accomplished with water immediately after use. CAUTION: May cause eye, skin or lung injury. Contains free silica. Prolonged exposure to dust may cause delayed lung disease (silicosis). Eliminate exposure to dust. Use NIOSH approved mask for silica dust. Contains Portland cement. If any cement or cement mixture gets into eye, flush immediately and repeatedly with water, and consult a physician promptly. Freshly mixed cement, mortar, concrete or grout may cause skin injury. Avoid contact with skin where possible and wash exposed areas promptly with water. **KEEP OUT OF REACH OF CHILDREN**

Information contained in this product data sheet conforms to the standard detail recommendations and specifications for the installation of Master Wall Inc.® products and is presented in good faith. Master Wall Inc.® assumes no liability, expressed or implied as to the architecture, engineering, or workmanship of any project. This information may be concurrent with, or superseded by other applicable documents, such as specifications and details. Contact Master Wall Inc.® for the most current product information. Because handling and use is beyond the control of the manufacturer, our responsibility is limited to the replacement of defective material. ©2016 Master Wall Inc.®

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