



DESCRIPTION: Master Wholesale Trowelable Polymer Underlayment is a dry, polymer-modified, cement-based underlayment mortar that is mixed with only water; no other liquid additive is needed. Master Wholesale Trowelable Polymer Underlayment is used for leveling and smoothing concrete floors and can be installed from a featheredge scrape coat thickness up to 3" thick (with added aggregate). Suitable for both interior and exterior applications, Master Wholesale Trowelable Polymer Underlayment has excellent adhesion to properly prepared surfaces. Master Wholesale Trowelable Polymer Underlayment contains no gypsum.

PROPERTIES & TECHNICAL DATA:

Compressive Strengths @ 28 Days	2000 psi	(ASTM C109)
Tensile Strength @ 28 Days	750 psi	(ASTM C190)
Flexural Strength @ 28 Days	1600 psi	(ASTM C 256)
Shear Bond Strength @ 5 Days	>600 psi	

- Corrosion Resistant
- Non-Toxic
- Compatible With Most Adhesives
- Can Be Coved Up Walls
- Fire Retardant
- May Be Sanded Smooth
- Apply From Feather-Edge Up to Any Thickness

MIXING AND APPLICATION INSTRUCTIONS:

1. All surfaces to be covered must be structurally sound, clean and free of dust, oil, grease, curing compounds, sealers, waxes, paints, loose or scaly materials, and other foreign matter. Blastrac or shot-blast is an effective method to prepare contaminated surfaces. Cracks should be cleaned out, and the rough edges of holes and cracks should be squared up by scraping or chiseling. Pressure washing is usually the most effective method of cleaning, especially for cleaning out cracks. The placement of 2.5 galvanized metal lath is recommended on wood surfaces to receive Master Wholesale Trowelable Polymer Underlayment.
2. If surface is porous or excessively warm, dampen surface lightly with water or apply one or more coats of Master Wholesale bonding agent. When applying Master Wholesale Trowelable Polymer Underlayment over smooth surfaces, we recommend mechanical abrasion to roughen the surface, then vacuum the surface, and brush on a slurry coat of Master Wholesale Trowelable Polymer Underlayment (mixed with water to the consistency of a creamy paint), or apply one or more coats of Master Wholesale M-Bond.
3. Master Wholesale Trowelable Polymer Underlayment should be mixed with clean water only at a ratio of 4 to 6 quarts of water per 50 lb. bag. Use just enough water needed to obtain the desired consistency, but do not exceed 7 quarts per 50lb. bag. During cold weather, using hot water can



speed up the setting time. Mix thoroughly until the powder has been completely dispersed and the mix has acquired a smooth homogenous texture. DO NOT add more water once Master Wholesale Trowelable Polymer Underlayment has started setting. For deeper fills over 1" you may add up to 25 lbs. of clean aggregate, such as #8 silica or pea gravel, per 50 lb. bag of Master Wholesale Trowelable Polymer Underlayment.

4. Spread the Master Wholesale Trowelable Polymer Underlayment mixture with a trowel or straight edge, and smooth with a steel cement trowel. If a broom finish is desired, do so immediately. DO NOT add or spray water onto the surface for finish-ability, it may cause the surface to spall. Allow Master Wholesale Trowelable Polymer Underlayment to dry overnight. Rough spots or trowel marks may then be scraped or sanded off the surface. To fill any irregularities or make the surface smoother, apply a scrape trowel coat of Master Wholesale Rapid Floor "Fine".

PACKAGING AND COVERAGE: Master Wholesale Trowelable Polymer Underlayment is packaged in 50 lb. sacks. Coverage is approximately 50 S/F per bag at 1/8" thickness.

LIMITATION: Master Wholesale Trowelable Polymer Underlayment should only be applied over substrates that are between 40 and 90°F in temperature. DO NOT apply in the rain, and DO NOT allow to freeze within 12 hours of application. Allow adequate drying time before installing finished flooring over Master Wholesale Trowelable Polymer Underlayment. This time will vary upon thickness, room temperature, type of flooring, and type of adhesive to be used. Do not use over foam backerboard. Do not use over uncoupling membranes.

HEALTH HAZARD WARNING: Master Wholesale Trowelable Polymer Underlayment powder contains Portland cement and Silica Sand. DO NOT breathe dust (doing so may cause delayed lung injury). Follow OSHA Safety and Health Standards for Crystalline Silica (quartz). Protect eyes to avoid possible eye injury. If Master Wholesale Trowelable Polymer Underlayment gets into the eye, flush immediately and repeatedly with water, and contact a physician promptly. Protect skin - avoid contact with skin and wash exposed skin areas with water. Keep Master Wholesale Trowelable Polymer Underlayment away from children. DO NOT INGEST INTERNALLY.

NOTICE: The information stated in this product specification is given in good faith. Because use of this product is beyond the control of your distributor or the manufacturer, no warranty, expressed or implied, is given.

DISTRIBUTED BY:

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