



PRODUCT DATA SHEET

Product: Master Wholesale Self-Leveling Underlayment

DESCRIPTION: Master Wholesale Self Leveling Underlayment is a self-leveling cementitious underlayment mortar containing Portland cement, sand, polymer and other additives. Designed for leveling uneven or rough concrete slabs, rained out or freeze damaged slabs, filling holes and spalled areas. When mixed with water Master Wholesale Self Leveling Underlayment becomes a free flowing underlayment that seeks out its own level and achieves a flat and smooth surface without troweling, with a minimum of labor involved, ready for installation of all floor covering. Master Wholesale Self Leveling Underlayment is compatible with most common adhesives used in the flooring industry.

PROPERTIES & TECHNICAL DATA:

Flow Time:	10 minutes	@	70°F
Working Time:	20 minutes	@	70°F
Initial Set:	30 minutes	@	70°F
Final Set:	2 to 4 hours		
Installation of Floor Covering:	12 to 24 hours		
Compressive Strength:	3 days: 2075 psi		
	7 days: 3225 psi		
	28 days: 4650 psi		
Tensile Strength: (ASTM C190)	28 days: 520 psi		
Bond Strength: (ASTM D3931)	28 days: 500 psi		
Flexural Strength: (ASTM C348)	28 days: 1035 psi		

MIXING AND APPLICATION INSTRUCTIONS:

1. All surfaces to be covered must be structurally sound, clean and free of dust, oil, grease, curing compounds, bond breakers, sealers, waxes, paints, surface hardeners, old adhesives, loose or scaly materials and other foreign matter. Blastrac or shot blast is an effective method to prepare contaminated surfaces. Pressure washing is also an effective method of cleaning, especially for cracks.
2. Before applying Master Wholesale Self Leveling Underlayment over very smooth concrete, ceramic tile, or other smooth surfaces, we recommend mechanical abrasion to roughen the surface. Vacuum the surface, and then apply a slurry coat of Master Prime bonding agent mixed with some of the Master Wholesale Self Leveling Underlayment powder by brush or broom over the entire area to be covered. **ALL SURFACES TO BE COVERED MUST FIRST BE PRIMED WITH MASTER PRIME BONDING AGENT.** If a roller is used, use a medium nap and take care to coat evenly and allow to soak in without bare spots. Do not leave puddles. On porous surfaces, a second coat is



required. Master Prime is tinted blue, so entire floor should be in a uniform blue and tacky state prior to pouring Master Wholesale Self Leveling Underlayment. If improperly primed, pin holes may develop on the surface. Seal all cracks, crevices, and voids to prevent Master Wholesale Self Leveling Underlayment mortar from flowing into unwanted spaces.

3. Master Wholesale Self Leveling Underlayment powder should be added to clean potable water. Do not exceed 6 quarts of water per 50lb. bag. Place water in a 5 gallon mixing container first and then add the bag of S.L.U. powder. Mix with low speed drill and paddle, or plaster (ribbon type) mixer, to a smooth lump-free consistency. To obtain a more flexible underlayment, substitute 1 quart of water for 1 quart of Master Prime.
4. Pour or pump the mixture onto the floor evenly, spread by means of a squeegee, spreading tool, etc. Master Wholesale Self Leveling Underlayment will flow for approximately 10 minutes and can be worked for approximately 20 minutes. It should be ready to walk on in 2 to 4 hours. Finish floor covering may be installed after 24 hours depending on temperature and other factors.
5. Master Wholesale Self Leveling Underlayment can be installed up to 1" thick per layer (250 S/F size areas or less). For larger and thicker applications, apply in multiple layers - each succeeding layer must be primed with Master Prime bonding agent. For larger areas, create dams or barriers spacing approximately 10' apart and apply Master Wholesale Self Leveling Underlayment in every other swath. Allow material to set beyond flow time, remove dams and apply material to remaining swaths and blend in at the seams.
6. Expansion joints, saw cuts, or structural joints are not to be bridged over with Master Wholesale Self Leveling Underlayment; they should continue through the underlayment and finish flooring. Allow an adequate curing time before installing finished flooring. Curing periods vary with temperature, thickness, and type of finish flooring and adhesive type to be used. Always check for moisture prior to installing vinyl type flooring.

PACKAGING AND COVERAGE: Master Wholesale Self Leveling Underlayment is packaged in 50 lb. sacks and there are 42 sacks per pallet. Coverage is approximately 50 S/F per 50 lb. sack at 1/8" thickness. Master Prime (which must be applied to surface before installation of Master Wholesale Self Leveling Underlayment), covers approximately 200 S/F per gallon.

LIMITATIONS: DO NOT apply directly over Masonite, particle board, asphalt or vinyl sheeting, metal, plastic, urethane or epoxy floor coating, strip wood floors, delaminated plywood, expansion joints, cold joints, saw cuts, structure cracks, or gypsum based surfaces. Consult your distributor for proper application over the above substrates. Master Wholesale Self Leveling Underlayment is intended for interior applications, therefore consult your distributor before applying outdoors. Master Wholesale Self Leveling Underlayment should only be applied over substrates that are between 40° and 100°F. Do not allow underlayment to freeze within 72



hours of installation.

Do not apply over foam backerboard. Do not apply over uncoupling membranes.

HEALTH HAZARD WARNING: Caution, may cause eye, skin, or lung injury. Do not breathe dust. Contains free silica. Prolonged exposure to dust may cause delayed lung disease. Eliminate exposure to dust, use OSHA approved mask for silica dust. If any cement or cement mixtures get into the eye, flush with water repeatedly and consult a physician immediately. Freshly mixed product may cause skin injury, avoid contact with skin. Wash exposed skin promptly with water.

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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