

Fast Setting Self-Leveling Underlayment

Description

Pakmix[®] Fast Setting Self-Leveling Underlayment is a premium blend of Portland cements, polymers, aggregates, and proprietary admixtures designed to:

- Provide a smooth and level floor without the labor intensity of hand applied materials
- Provide a hard surface in 3-4 hours
- When cured provides a finished underlayment that will have similar properties to concrete
- Allow floor coverings to be installed within 12-24 hours
- Be applied up to 1" in a single lift without shrinking, cracking, or spalling

Uses

Pakmix[®] Fast Setting Self-Leveling Underlayment can be used in interior applications where a level, smooth, water-resistant surface is required such as offices, schools, and working areas that will incorporate carpet, tile, and subsequent toppings or wearing surfaces. Pakmix[®] Fast Setting Self-Leveling Underlayment may be used in areas that require pouring or pumping applications over concrete, cement backer board, metal decking, exterior plywood, and other clean, structurally sound substrates.

Surface Preparation

All surfaces contacting Pakmix[®] Fast Setting Self-Leveling Underlayment shall be free of dirt, oil, grease, laitance, and other contaminants.

- **Wood substrates** must be structurally sound, free of wax, mastic, oil, and sealers. Wood floors must be stable in order to provide a non-flexible surface. Fill any joints in wooden flooring with a stiff mix (mortar consistency) of Pakmix[®] Fast Setting Self-Leveling Underlayment or suitable Pakmix[®] patching material. Wire mesh may be applied over wood to increase bonding.
- **Concrete Substrates** must be cured, structurally sound, and free of sealers, curing, or release agents. Chip, sand blast, or hammer out any spalled, unsound concrete. Profile or roughen smooth, steel trowled concrete surfaces to ensure a good bond.

Priming

Brush the surface with Pakmix[®] Concrete Glue. Coverage rate will vary depending on the porosity of the surface. Allow primer to dry completely to the touch before proceeding (2-4 hours). If more than 12 hours has past between lifts, it is recommended that the surface be primed with Pakmix[®] Concrete Glue.

Mixing

For best results:

- Use a mechanical mixer with rotating blades.
- Pre-wet mixer and empty excess water
- Place 5 quarts of cool, clean, potable water per 50 lb. bag in mixer
- Add dry material and mix on low RPM for a total of 3-5 minutes to reach required consistency
- Mix only enough material that can be placed within working time

Placing

Pour or pump Pakmix[®] Fast Setting Self-Leveling Underlayment onto the substrate. When necessary, work into position with a long handled spreader and spiked roller. The material will flow freely during the 10 minute self-leveling time and needs no troweling. For placements greater than 1" in depth, it is recommended that Pakmix[®] Fast Setting Self-Leveling Underlayment be extended 30% by weight with clean, washed, and dried 3/8" (1cm) pea gravel or 25 pounds of clean 1/8" (3.18 mm) coarse graded, washed sand per 50 lb. (22.68 kg) bag. Add the aggregate during the last minute of mixing. A second lift of non-extended material may be applied as soon as foot traffic can be supported.

Yield

50 lb. (22.7 kg.) of Pakmix[®] Fast Setting Self-Leveling Underlayment will fill approximately 0.43 cubic feet (0.012 cubic meters) when 5 quarts of mixing water is used.

Storage

Normal cement storage and handling practices should be observed. Store material in an interior, cool, dry place.

Limitations

Pakmix[®] Fast Setting Self-Leveling Underlayment should not be used on hardwood floors as the sealant on these floors does not allow for proper bond. This product is not recommended for application over asphalt, roofing tars, gypsum, adhesives, paints, vinyl, epoxy, or urethane coverings. Pakmix[®] Fast Setting Self-Leveling Underlayment is not a wearing surface and must be protected with a final floor covering.

Hot Weather (greater than 90° F)

Cold Weather (less than 40° F)

CAUTION • AVOID CONTACT WITH SKIN • INJURIOUS TO EYES Contains Portland Cement (CAS #65997-15-1). Freshly mixed cement, mortar, concrete, grout, or stucco may cause skin injury including severe alkali burns. If exposed, wash skin promptly and repeatedly for 15 minutes and get prompt medical attention. The use of gloves and protective eye wear is recommended. If any cement or cement mixtures get into the eye, rinse immediately and repeatedly with water for 15 minutes and get prompt medical attention.

WARNING INHALATION HAZARD Avoid inhalation of dust from this product, which contains crystalline silica and other chemicals, which may cause lung disease and cancer. Use with mechanical ventilation or respiratory protection (dust mask).

EXCLUSION OF INCIDENTAL AND CONSEQUENTIAL DAMAGES Neither the manufacturer nor the retailer of this product shall be liable for any incidental or consequential damages caused by the use of this product.

KEEP OUT OF REACH OF CHILDREN

DISCLAIMER AND LIMITATION OF LIABILITY This material is warranted to be of good quality. Upon receipt of a claim within one year from the date of sale, defective material will be replaced or the purchase price refunded at the option of the manufacturer. Except for the foregoing, all warranties, express or implied, including merchantability and fitness for a particular purpose, are excluded. No liability is assumed for any consequential, incidental or special damages arising directly or indirectly from the use of the material.