

POUR A FLOOR

Self-Leveling Floor Mix

FLOOR RESURFACING SELF-LEVELING

MANUFACTURER:

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PRODUCT DESCRIPTION:

POUR A FLOOR is a revolutionary self-leveling floor resurfacer designed to resurface and level uneven concrete floors. *POUR A FLOOR* becomes a liquid cement compound that can be poured or pumped, dramatically saving time and labor over conventional underlayments. This product requires no troweling, and can be applied from a featheredge to 2" thickness in one pour.

USES:

- ▶ Underlayment for carpeting, vinyl and asphalt floors, ceramic tile, quarry tile and wood flooring
- ▶ Can be used over concrete, terrazzo, ceramic tile, stone and exterior grade plywood

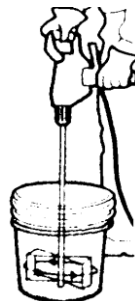
ADVANTAGES:

- ▶ Completely self-leveling
- ▶ Pumpable
- ▶ Can be applied from a featheredge up to 2"
- ▶ Water resistant
- ▶ High compressive and flexural strength
- ▶ Interior or exterior use
- ▶ Provides dramatic savings in time and labor over conventional underlayments

INSTALLATION:

Surface Preparation:

The quality of the topping job is primarily dependent upon exacting surface preparation and priming. It is mandatory that these procedures be completed with the utmost care. Surfaces to be coated must be free of dirt, dust, debris, paints, oils, waxes, sealers and any contaminants that will interfere with proper bond. Mechanical abrasion may be required for concrete floors which have been sealed or previously coated with mastics or adhesives, or



for non-absorbent surfaces such as terrazzo and ceramic tile. Fill any deep holes or depressions to existing floor elevation with a suitable polymer modified patching material, such as EMPIRE BLENDED PATCH IT. Extend existing expansion and control joints in the concrete through the underlayment. Seal all perimeter openings to prevent leakage. These dams should be able to retain *POUR A FLOOR* to a height equal to or greater than the finished floor elevation. On wood floors, be certain to nail down all loose flooring and fill any joints with EMPIRE BLENDED FLOOR PATCH. Corrosion resistant expanded metal lath must be securely fastened to entire area to be covered. All wooden flooring should be of a design and thickness so as to maintain a substrate of deflection not to exceed $\frac{1}{360}$ of the span including live and dead load. Dampen all surfaces, being careful not to allow any standing water to remain. Prime with EMPIRE BLENDED EM-BOND C at full strength with a roller, brush or spray, in such a manner as to produce a uniform coating. Absorbent or porous concrete, as well as all wooden floors require two applications of EM-BOND C. Primed surfaces must be tacky and damp to the touch as *POUR A FLOOR* is being applied.

Test patches are always recommended. Place the test patch with the same tools and procedures as will be used in the actual construction. Install a minimum of 50 square feet in a high traffic area. Allow the test patch to cure at least 3 days before inspecting.

Mixing:

Add 50 pounds of dry mix to 5-5½ quarts water. Always add powder to the water. Do not overwater. Higher water contents can cause separation, reduction of strength and shrinkage of the cured *POUR A FLOOR*. When mixing small amounts, the use of a paddle mixer with a high torque, low speed (400-600 RPM) hand drill is recommended. For large jobs, an ordinary barrel mixer connected to a pump and hose is recommended. Mix material 1-2 minutes to achieve a lump-free mix. Do not mix more material than can be placed in 15 minutes. Ensure that subsequent mixes are ready to enable continuous pouring until entire area is surfaced. *POUR A FLOOR* can be applied from a featheredge up to 2" thickness. On areas over 2", mix *POUR A FLOOR* with equal parts of clean, washed silica sand, preferably 20-30 mesh. The addition of sand may affect the self-leveling properties, consequently making it necessary to apply a finish layer without the aggregate as a final coat. If a finish layer is to be applied, EM-BOND C must be applied before the final layer of *POUR A FLOOR*.

Placement:

Material should be placed in one continuous pour, achieving required thickness in one application. Lay in parallel strips starting at one end of the room. Material should be laid down in a succession of 3" to 6" ribbons. Pour or pump mixed material adjacent to previously placed material. A spreader tool may be used to pull the *POUR A FLOOR* into place. Troweling is not recommended except to featheredge. When pumping, a progressing cavity (rotor stator tube) grout pump is recommended. Depending on the type of equipment used, a three-man crew can place between 10,000 and 50,000 square feet per day.

Curing:

POUR A FLOOR is self-curing under normal conditions. In conditions of extreme heat, dry or windy conditions, covering surface with damp burlap is recommended.

Coverage:

One 50 pound bag will cover approximately 55 square feet at 1/8" thickness.

Packaging:

Available in 50 pound multiwall paper bags with moisture barrier.

Color:

Light Gray or White

TECHNICAL DATA:

Compressive Strength (ASTM C-109)

1 Day.....	3,720 psi
3 Days.....	4,140 psi
7 Days.....	4,775 psi
28 Days.....	7,015 psi

Flexural Strength (ASTM C-348)

28 Days.....	1,050 psi
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Flowing Time 15 minutes

Working Time..... 30 minutes

Setting Time..... Walk on material after 4-8 hours

LIMITATIONS:

Do not apply to frozen surfaces or if temperature will fall below 40°F within 24 hours. *POUR A FLOOR* will not correct or compensate for a structurally defective substrate. Faults in the substrate can appear in the underlayment.

CAUTION:

Contains Portland Cement CAS #65997-15-1. Freshly mixed cement products may cause skin injury. Avoid contact with skin where possible and wash exposed areas promptly with water. If any product gets into the eye, rinse immediately and repeatedly with water. If ingested, **do not** induce vomiting and get prompt medical attention. Also contains Sand CAS #14808-60-7. Avoid breathing dust. Prolonged exposure to dust may cause delayed lung injury (silicosis) or cancer IARC Class 2A. Wear NIOSH approved mask for silica dust. **Keep Out Of Reach Of Children.**

WARRANTY:

Due to the use of this product beyond our control, we assume no liability for damages of any kind, and the user accepts the product "as is" and without warranties, expressed or implied, from either Empire Blended Products or its agents. The suitability of the product for an intended use shall be solely up to the user. Our only obligation shall be to replace or pay for any material proved defective, with our liability limited to the purchase price of materials supplied by us.