

**SandLess, Smoothing and Resurfacing Coating****DESCRIPTION**

P3 is an aggregate free blend of portland cement, specialty polymers and proprietary admixtures designed to provide a smooth, un-textured patching material for thin surface repairs, coating and restoration applications. **P3** exhibits a long working time and superior workability by maintaining a creamy consistency for easy troweling or spreading. **P3** has superior bond strength to the substrate and contains no gypsum. Because **P3** is an un-sanded mortar, it can be troweled to its final finish, requiring no sanding or grinding.

USES

- Resurfacing and finishing of precast and tilt-up concrete products
- Cementitious rub for defective concrete formwork
- Refinish old, vertical, concrete surfaces
- Bridge beams, wing walls, abutments, columns and structural surface repair
- Fill in minor pits, voids and defects in concrete, masonry, plaster, sheet rock or wood
- Can be applied in applications from feather edge to 1/16" thickness

BENEFITS

- Durable: Will not dust
- Color: Consistent color match for concrete
- Resistant: Withstands weathering
- Adhesion: Polymer modified for increased adhesion so paints and coatings bond easily
- Smooth: Maintains moisture for easy finishing
- Non-corrosive and non-metallic
- Consistent: Strict Quality Control testing and standards

SURFACE PREPARATION

All surfaces in contact with **P3** shall be free of dirt, oil, grease, laitance and other contaminants that may act as bondbreakers. Smooth, dense surfaces may need to be mechanically abraded to provide necessary bonding requirements. Moisten area prior to application. Always apply a test patch. Maintain contact areas between 50°F (10°C) and 90°F (32°C) prior to repair and during initial curing period.

MIXING

For best results, use a 1/2" heavy duty drill mixer with rectangular paint paddle. Place 1.5 quarts of cool, clean potable water per 10 lb. bag in mixing container, then add dry material. Mix on low RPM for a total of 3 to 5 minutes to achieve desired consistency. Mix only enough material that can be placed within working time. Do not blend excess water as this will cause bleeding and segregation. Do not use any other admixtures or additives.

COVERAGE

One 10 lb (4.5 kg) bag will cover approximately 90 to 100 ft² at 1/16" thickness. Coverage may vary depending on porosity of surface.

PLACING

P3 can be installed with a putty knife, trowel or sponge float. Place material consistently, without multiple layers. Avoid any air entrapment. For areas greater than 1/16" in depth, apply **US SPEC Quickset 20** to within 1/16" of final repair. Apply a finish coat of **P3** with a trowel or sponge float over entire area until even. If needed apply a second coat before the first coat sets. Install one consistent application for best color match. Material performs best when applied at cool periods in the day.

FINISHING & CURING

Follow standard ACI curing practices. Exposed surfaces can be cured by a membrane forming curing compound such as **US SPEC Maxcure Resin Clear, Hydrasheen 15% or Hydrasheen 30%**.

STORAGE

Normal cement storage and handling practices should be observed. Store material in an interior, cool, dry place. Shelf life is one year in original, unopened container.

LIMITATIONS

In addition to limitations already mentioned, please note the following. Do not apply when temperature is below 50°F (10°C) or when the temperature is expected to fall below 50°F within 48 hours. Do not apply over surfaces that are frozen or contain frost. Do not apply over any active faults or cracks in the substrate without addressing any movement that may occur. Allow concrete to fully cure for 28 days before use of this product. This material is not intended for use as a horizontal wearing surface. Setting time will speed up in hot weather and slow in cold weather. For hot and cold weather applications, contact your US SPEC manufacturer's representative.

Packaging: 45 lb (20.4 kg) pail, 36 pails per pallet or 10 lb (4.54 kg) bag, 144 bags per pallet



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REGULATORY

Read and follow application information, precautions and Material Safety Data Information.

Right-to-know

This product contains Portland Cement (CAS#65997-15-1) and Crystalline Silica (CAS# 14808-60-7)

HMIS

Health 1, Fire 0, Reactivity 0

Prop 65

Warning! This product contains Crystalline Silica, a chemical known to the State of California to cause cancer or reproductive toxicity.

VOC Content

0 g/L

CAUTION

EYE AND SKIN IRRITANT

Contains Portland Cement (CAS# 65997-15-1) and Crystalline Silica (CAS# 14808-60-7). Do not allow contact with eyes or skin. Avoid breathing dust - silica may cause serious lung problems. There is limited evidence silica is a carcinogen. The use of gloves, goggles, dust masks and other protective clothing is recommended. If cement or sand particles get into eyes, rinse immediately with clean water and seek prompt medical attention.

TECHNICAL SERVICE

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NOTICE OF LIMITED WARRANTY US MIX Co. (manufacturer) warrants to buyer that this product at the time and place of shipment is of good quality and conforms to the manufacturer's specifications in force on the date of manufacture when used in accordance with the instructions hereon. Manufacturer cannot warrant or guarantee any particular method of use, application or performance of the product under any particular condition. This limited warranty cannot be extended or amended by manufacturer's sales people, distributors or representatives or by any sales information, specifications of anyone other than the manufacturer. Liability under this warranty is expressly limited to refund of the purchase price.

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