

Fast setting, high strength, deep fill repair mortar for All types of concrete Repairs

Fast-Patch™ is a "fast-setting" mortar designed for patching and smoothing concrete flatwork or filling holes on tilt up surfaces. Fast-Patch™ is a dry polymer, cement and fine aggregate factory blended powder, packaged in. It is formulated to adhere to surfaces without requiring a primer. Fast-Patch™ can be used in exterior or interior locations. Environmentally friendly, Fast-Patch™ is fully VOC compliant. Fast-Patch™ polymer formula affords low water absorption. Fast-Patch™ dries to a natural cement-like color; (note: the color might be slightly different than the surrounding exposed substrate concrete). The application can be brought to a smooth finish by trowel, brush or float.

USES

Fast-Patch™ is used to resurface and smooth over rough areas of concrete surfaces prior to the application of almost any type of coating, or to replace missing or non-usable existing concrete. Fast-Patch™ can serve as a trafficable surface and does not require a sealer or coating. Fast-Patch™ can be applied to tilt up walls and other concrete surfaces to fill holes and voids to render a uniform surface profile prior to coating or painting.

TYPICAL DATA FOR Micro-Topping

(Material and Curing Conditions at 73°F unless noted, 50% R.H.)

TECHNICAL DATA

ASTM C-109 Set Time Initial	43 Minutes
ASTM C-109 Set Time Final	65 Minutes
ASTM C-109 Compressive (1 Day)	955 psi
ASTM C-109 Compressive (7 Day)	3,450 psi
ASTM C-109 Tensile Strength (28 Day) (Concrete block - Deep in block failure)	745 psi (365 psi)
ASTM C-348 Flexural Strength (28 Day)	1,855 psi
Taber Abrasion Resistance	
Grams lost / 1000 cycles	0.20
% Mortar Abraded	0.05
Rheology	Thick fluid
Density g/cc	1.90
Water Percent	3.28%

SHELF LIFE:	6 months (dry)
PACKAGING:	50 lb bags 56 bags per Pallet
COLOR:	Light Gray (Natural)

COVERAGE:

**1 50 lb bag will cover approximately 25 ft²
@ an average thickness of ¼"**

STORAGE:

Store in a dry, well ventilated area and keep away for water sources.

PREPARATION OF CONCRETE

Remove loose or spalling concrete and clean surface to promote adhesion.

MIXING

Use a suitable mixing container to mix the contents of each Fast-Patch with 4.5-5 quarts of clean potable water. Mix using an agitating drill mixer fitted with a mixing blade for several minutes until a creamy homogenous past is formed. Apply immediately. **Do not apply in temperatures below 50°F.**

APPLICATION

Lightly pre-moisten the surface prior to Fast-Patch™ application, but ensure there is no standing water. If desired, a light film of DuraSet™ 1000/1001 Acrylic Modified Resin can be brush or spray applied to enhance the bond characteristics of the two substrates. Apply Fast-Patch™ by trowel over horizontal flatwork to smooth the surface. Trowel and feather Fast-Patch™ to afford a smooth edge transition to existing surfaces. On vertical surfaces apply into area being patched using trowel, hawk and gloved hand. Press wet mortar firmly into place in successive coats. Frequently clean hawk and trowel and wet with water. Allow each coat to set until finger hard and then apply additional lifts as required. Material may be shaped using abrasive or diamond equipment in as little as one hour after placement under normal conditions.

WARRANTY

This product is not intended for public use and is intended for use by licensed contractors and installers, experienced and trained in the use of these products. It is warranted to be of uniform quality, within manufacturing tolerances. The manufacturer has no control over the use of this product, therefore, no warranty, expressed or implied, is or can be made either as to the effects or results of such use. In any case, the manufacturer's obligations shall be limited to refunding the purchase price or replacing material proven defective. The end user shall be responsible for determining product's suitability and assumes all risks and liability.

ORDER SPECIFICATION

Product: Fast-Patch™	
Shipping Weight: 50 lbs	Container Size: 1 Bag
Item No: FP-1060	

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