



# INSTAPATCH®

## ULTRA RAPID CURING CONCRETE REPAIR

### DESCRIPTION AND USES

InstaPatch® Ultra-Rapid Curing Concrete Repair patches and repairs damaged concrete floors in just minutes, significantly reducing downtime. This two component, low odor, 100% solids polyurea repair material is the ideal solution for occupied spaces where minimal disruption is required.

### PRODUCT FEATURES

- Ultra-rapid return to service time - fully cured in 15 minutes
- Easy to use 1 : 1 mix ratio
- Can be poured or trowel applied
- Low temperature application - down to -5°F
- VOC compliant nationwide

### PRODUCTS

DESCRIPTION (Gallon Kit)	SKU
Gray	276981
Tile Red	284595

**PACKAGING:** 1 gallon kit containing both components Part A and Part B components are packaged in ½ gallon plastic containers. Kit yields one full gallon.

### PRODUCT APPLICATION

**READ ALL INSTRUCTIONS CAREFULLY BEFORE STARTING PROJECT**

#### SURFACE PREPARATION

New concrete must cure 30 days at 70°F (21°C) before repairs are made. Remove all dirt, grease, oil, salt or other contaminants by washing surface with Krud Kutter® Original Cleaner Degreaser, commercial detergent or other suitable cleaner. Rinse thoroughly with fresh, clean water. Remove all loose, unsound, or deteriorated concrete. Small hairline cracks must be chased using a v-shaped diamond crack chasing blade on a hand held grinder. The crack should be opened to a minimum of ¼ inch wide. Any oil or grease that may have seeped into a crack and contaminated the edge of the concrete must be removed by grinding if washing is not sufficient. Use dry silica sand to fill deep cracks leaving a depth of ¼ inch down from the surface. The InstaPatch will soak into the silica and fortify the patch.

### PRODUCT APPLICATION (cont.)

#### MIXING

Mix both components separately prior to combining. Pour out equal volumes of each component, then combine and mix together for 20-30 seconds. InstaPatch cures very quickly, so only mix up amounts that can be used within 5 minutes. Once mixed, InstaPatch is an easy flowing liquid. For some repairs, such as spalled areas or edge repair, dry silica sand can be added and mixed in to create a trowelable paste. Never use more than one part silica to one part activated liquid.

#### APPLICATION

InstaPatch is suitable for application temperature down to -5°F (-20.5°C). Within one minute of mixing, pour InstaPatch into the crack to be filled. Fill the crack to a slight excess and allow to cure. InstaPatch will cure in 10- 15 minutes. Once cured, and the material cannot be indented by a thumbnail, the excess material can be removed by grinding to a flush surface. NOTE: InstaPatch must be profiled by grinding or sanding if it is going to be topcoated.

#### THINNING

Not required.

#### CLEAN-UP

Methyl Ethyl Ketone (MEK).

### PERFORMANCE CHARACTERISTICS

Tensile Strength (ASTM D412) 4,800

Compressive Strength (ASTM C109) 5,600  
With silica added 6,200

Elongation (ASTM D412) 6-8%

Hardness, Durometer (ASTM D2240) 67-72 D

Abrasion Resistance (ASTM D4060)  
CS-17 Wheel, 1,000 g load, 1,000 cycles 20

**POLYUREA****TECHNICAL DATA****CS-44****RUST-OLEUM®****INSTAPATCH®****ULTRA RAPID CURING CONCRETE REPAIR****PHYSICAL PROPERTIES**

		INSTAPATCH
<b>Resin Type</b>		Polyurea
<b>Solids*</b>	<b>By Weight</b>	100%
	<b>By Volume</b>	100%
<b>Mixing Ratio</b>		1 : 1 base to activator by volume
<b>Induction Period</b>		None required
<b>Working Time</b>		5 minutes @ 77°F (25°C)
<b>Pot Life</b>		None. Pour out all material immediately after mixing
<b>Estimated Coverage*</b>		230 linear feet per activated gallon @ ¼" wide and ¼" deep
<b>Dry Times at 72°F and 50% Relative Humidity</b>	<b>Dry Hard</b>	5-10 minutes
	<b>Foot Traffic</b>	10 minutes
	<b>Vehicle Traffic</b>	30 minutes
<b>Shelf Life</b>		2 years
<b>Safety Information</b>		See SDS

\*Coverage rate is estimated and accounts for material lost when grinding away excess material for a smooth finish.

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