

**RUST-OLEUM®**



**INSTAPATCH®  
ULTRA RAPID CURING CONCRETE REPAIR**

**DESCRIPTION AND USES**

InstaPatch® is a two component, 100% solids polyurea crack repair compound. This ultra fast cure crack repair can be used at temperatures as low as -5°F (-20.5°C) and is suitable for traffic in 15 minutes

**FEATURES**

- Bonds well to a variety of substrates including concrete, wood, fiberglass, and asphalt
- Fast cure times, even in cold temperatures
- Return to service in 10-30 minutes
- Virtually no odor

**PRODUCTS**

SKU #	Description
276981	Gray (when cured, black in liquid form)
284595	Tile Red
288391	Tile Red (16 ounce kit)
288395	Gray (16 ounce kit)

**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**

**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 3500 System Pure Strength® 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**

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



## TECHNICAL DATA

# INSTAPATCH®

### PHYSICAL PROPERTIES

<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 @ 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 year
<b>Safety Information</b>		See MSDS

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

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