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	1 gallon kit containing both components

PACKAGING

Part A and Part B components are packaged in ½ gallon plastic containers. Kit yields one full gallon.

APPEARANCE

Gray when cured.

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.

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.

PRODUCT APPLICATION (cont.)

APPLICATION

InstaPatch is suitable for application 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. The liquid material is black in color and changes to a gray color as it cures. This will take 10-15 minutes. Once the InstaPatch is completely gray in color, the excess material can be removed by grinding to a flush surface.

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

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TECHNICAL DATA

INSTAPATCH

PHYSICAL PROPERTIES

Resin Type		Polyurea
Solids	**By Weight**	100%
	By Volume	100%
Mixing Ratio		1:1 base to activator by volume
Induction Period		None required
Working Time		5 minutes @77ºF (25ºC)
Pot Life		None. Pour out all material immediately after mixing
Estimated Coverage*		230 linear feet per activated gallon @ ¼ wide and ¼ deep
Dry Times @ 72º F and 50% RH	**Dry Hard**	5-10 minutes
	Foot Traffic	10 minutes
	Vehicle Traffic	30 minutes
Shelf Life		2 year
Safety Information		See MSDS

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

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