



EPOXYSHIELD® CONCRETE PATCH & REPAIR KIT

DESCRIPTION AND USES

A two component epoxy based compound designed to repair cracks and damaged areas on concrete floors. Concrete Patch & Repair results in an extremely hard surface up to three times stronger than concrete. No priming is required before applying floor coatings.

PRODUCTS

SKU	Description
215173	Concrete Patch & Repair Kit

APPEARANCE

Flat gray finish.

PACKAGING

Carton contains two plastic tubs with 16 fluid ounces (474 ml) of part B Base and 8 fluid ounces (237 ml) of Part A Activator.

PRODUCT APPLICATION

SURFACE PREPARATION

Allow new concrete to cure for a minimum of 28 days. Concrete areas which require patching must be free of dirt, oil, grease, and other contaminants and loose or unsound material. Remove all dirt, grease, oil, salt and other contaminants by washing the surface with Rust-Oleum EpoxyShield Heavy Duty Degreaser or equivalent. Scrape and wire brush to remove loose or unsound concrete or deteriorated coating.

WARNING! If you scrape, sand or remove old paint, you may release lead dust. LEAD IS TOXIC. EXPOSURE TO LEAD DUST CAN CAUSE SERIOUS ILLNESS SUCH AS BRAIN DAMAGE, ESPECIALLY IN CHILDREN. PREGNANT WOMEN SHOULD ALSO AVOID EXPOSURE. Wear a NIOSH-approved respirator to control lead exposure. Clean up carefully with a HEPA vacuum and a wet mop. Before you start, find out how to protect yourself and your family by contacting the National Lead Information Hotline at 1-800-424-LEAD or log on to www.epa.gov/lead.

PRODUCT APPLICATION (cont.)

MIXING

Do not thin. With a clean trowel, spatula, or putty knife, measure out 2 parts of the Base to 1 part of the Activator onto a flat, clean piece of cardboard. To avoid cross contamination of unused material, clean the tool between each use. Mix the two components together until a uniform gray color and putty-like consistency is reached. Mix only the amount that can be applied in 20-30 minutes. Close containers tightly after each use.

APPLICATION

Apply only to a clean, dry area. Using a putty knife or trowel, apply the mixed Concrete Patch & Repair product evenly over the surface to be repaired. Allow the product to cure for 8 hours at 70°F (21°C) and 50% relative humidity before sanding, cleaning or apply a topcoat.

CLEAN-UP

Wash tools and equipment with xylene, acetone, or isopropyl alcohol (rubbing alcohol). Properly dispose of all roller covers and soiled rags.

TECHNICAL DATA

CONCRETE PATCH & REPAIR KIT

PHYSICAL PROPERTIES

CONCRETE PATCH & REPAIR KIT		
Resin Type		Amine cured Epoxy
Solvents		Benzyl Alcohol
Weight*	Per Gallon	13.3 lbs.
	Per Liter	1.6 kg
Solids*	By Weight	100%
	By Volume	100%
Volatile Organic Compounds*		0 g/l
Mixing Ratio		2:1 Base to Activator (by volume)
Induction Period		None
Practical Coverage at Recommended DFT (assumes 15% material loss)		14 linear feet (4.25 m) • ½" joint (12.7 mm) • ½" depth (12.7 mm)
Pot Life @ 70-80°F (21-27°C) and 50% Relative Humidity		20-30 minutes
Dry Times at 70-80°F (21-27°C) and 50% Relative Humidity	Lt. Foot Traffic	8 hours
	Recoat	8 hours
Shelf Life		5 years
Flash Point		>200°F (93°C)
Safety Information		For additional information, see MSDS

* Activated material

Calculated values are shown and may vary slightly from the actual manufactured material

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