

### CONCRETE PATCH AND REPAIR KIT

**DESCRIPTION**

A two-component epoxy based compound for patching concrete floors. For repairs to cracks and damaged areas. No priming required and results in an extremely hard surface that is up to three times stronger than concrete.

**APPEARANCE**

Flat gray finish.

**PACKAGING**

Carton contains two plastic tubs with 16 fl oz (473 ml) of Part B Base and 8 fl oz (237 ml) of Part A Activator.

**SURFACE PREPARATION**

Allow new concrete to cure for a minimum of 28 days. Concrete areas which require patching should 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 Epoxy Shield Heavy Duty Degreaser or equivalent. Scrape and wire brush to remove loose or unsound concrete or deteriorated coating. Properly prepared concrete should be dry, free of all contaminants and loose cement and have a uniform texture similar to 200 grit sandpaper.

**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. Avoid cross contamination of unused material, clean tool of first component before inserting into second component. Mix the two components together until a uniform gray color and putty-like consistency are reached. Mix only the amount that can be applied in 20 - 30 minutes. Close containers tightly after each use.

**APPLICATION**

Using a putty knife, apply the mixed Epoxy Shield Concrete Patch and 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 topcoating.

Apply only when air and surface temperatures are between 50° and 90°F (10° - 32°C) and Relative Humidity is less than 85%. Use Xylene, acetone, or isopropyl alcohol (rubbing alcohol) to clean tools.

**PHYSICAL PROPERTIES** (Calculated values, may vary slightly from the actual manufactured material)

RESIN TYPE	Epoxy Modified Concrete
SOLVENT TYPE	Benzyl Alcohol
VOC (Volatile Organic Compounds)*	Average 50 g/l (0.4 lbs/gal)
WEIGHT PER GALLON*	13.3 lbs
WEIGHT PER LITER*	1.6 Kg
SOLIDS BY WEIGHT*	100 %
SOLIDS BY VOLUME*	100 %

\*Activated material

PRACTICAL COVERAGE @ RECOMMENDED DFT 14 ft. (4.25 m) by 0.5 in. (12.7 mm) wide by 0.5 in. (12.7 mm)

APPLICATION CONDITIONS 50° – 90° F (10° – 32° C)  
Humidity less than 85%

POT LIFE 20 – 30 minutes

DRY TIMES @70° - 80°F (21° - 27° C) AND 50%RH  
LIGHT FOOT TRAFFIC 8 hours  
RECOAT TIME 8 hours

SHELF LIFE 5 Years

**SAFETY** (For additional information, see MSDS)

FLASHPOINT > 212°F

LEAD-FREE

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