

**CONCRETE SAVER® TurboKrete™
5494 HIGH PERFORMANCE CONCRETE PATCH KIT****DESCRIPTION**

TurboKrete™ High Performance Concrete Patch 5494 is a resin rich epoxy/aggregate patching compound designed for quick patch repair of concrete floors in areas exposed to intermittent chemical exposure and physical abuse.

APPEARANCE

Gray

RECOMMENDED USES

TurboKrete High Performance Concrete Patch is designed for patching repairs to concrete floors when down time is critical. It is a stand alone material which does not require a sealer for exposure to moderate chemical spills. It can be applied in a single step application with hand trowel finishing. The 100% solids epoxy is odorless making it ideal for food and beverage plants or other facilities where solvent odors can not be tolerated.

PHYSICAL PROPERTIES

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

RESIN TYPE

Polyamine epoxy

PIGMENT TYPE

Mineral aggregate

SOLIDS BY WEIGHT

100%

SOLIDS BY VOLUME

100%

COVERAGE

0.30 cu ft (8500 cc) per kit

DRY TIMES

Foot Traffic

2½ - 4 hours with patch thickness less than 1 inch.

1½ - 4 hours with patch thickness greater than 1 inch.

Topcoat

2-4 hours

Vehicle Traffic

6-8 hours

Full Chemical Exposure

3 Days

POT LIFE

30 minutes @ 77°F (25°C) and 50% RH

PACKAGING

The TurboKrete High Performance Concrete Patch is supplied as a kit in a 3½ gallon plastic pail. The kit contains the two components of the liquid portion and the aggregate.

The components are:

TurboKrete Base Part A – 55 fl oz.

TurboKrete Activator Part B – 8 fl oz.

Aggregate Part C – 26.25 lbs.

SURFACE PREPARATION

New concrete must cure 28 days at 70°F (21°C) before repairs are made.

Remove all dirt, grease, oil, salt or other contaminants by washing surface with 3599 Industrial Pure Strength®, Cleaner/Degreaser, commercial detergent or other suitable cleaner. Rinse thoroughly with fresh, clean water and allow to dry.

Remove all loose, unsound, or deteriorated concrete. Abrasive blast

or acid etch new or smooth concrete to create a uniform surface profile.

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NOTE

The material, surface, and air temperatures should all be between 45-90°F (7-32°C) before mixing or installing TurboKrete High Performance Concrete Patch.

MIXING

TurboKrete High Performance Concrete Patch must be mixed with a 1/2" drill using a bird cage mixer. **DO NOT attempt to mix the material by hand.** Doing so can produce inconsistent mixing and may result with incomplete cure of the material. Material should not be mixed until just prior to use.

Premix Part A and Part B together before adding the aggregate.

NOTE: If priming (see PRIMING), remove no more than 6 fl oz of resin at this time. Continue to mix the material while adding the aggregate, Part C. Add the aggregate at a uniform rate, do not dump in all the aggregate at once, doing so will make it more difficult to mix. Mix the material until well blended.

PRIMING

Priming is only necessary when patching areas less than 1/2 inch in depth. Remove no more than 6 fl oz of resin, Part A and Part B mixed together, prior to adding the aggregate. Apply a thin coat of the resin by brush to the area being repaired. Any unused resin can be mix back into the mixed material. Remember to work quickly so to not exceed the pot life.

Removing up to 6 fl oz of resin will not effect the curing or physical properties of the TurboKrete High Performance Concrete Patch, but it will make the material a little more 'stiff'.

APPLICATION

Immediately after mixing apply the TurboKrete High Performance Concrete Patch in the area to be repaired, then work the material smooth using a hand held steel trowel. Wet the blade of the trowel with 160 Thinner to help ease the final finishing of the material.

CLEANUP

160 Thinner

SAFETY INFORMATION

FLASHPOINT

Part A: 185°F (85°C)
Part B: 210°F (99°C)
Part C: N/A

LEAD CONTENT

None deliberately added.

WARNING! COMBUSTIBLE LIQUID AND VAPOR. VAPOR HARMFUL

**MAY AFFECT BRAIN OR NERVOUS SYSTEM CAUSING DIZZINESS, HEADACHE OR NAUSEA.
CAUSES NOSE, THROAT, EYE AND SKIN IRRITATION.
MAY CAUSE ALLERGIC SKIN REACTION.**

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