



FAST SETTING CEMENT PATCHER

◆ The Pro's Choice Since 1936



Sakrete® Fast Setting Cement Patcher is a preblended, fast setting mixture of special cementitious materials, additives and sand. Sets in 20 minutes. For the rapid repair of concrete or masonry substrates.

Features:

- High strength 5,000 psi
- Sets in 20 minutes
- Applications 1/4" to 2" (6.4 to 51 mm) in thickness
- Open to foot traffic in 4 hours and vehicular traffic in 24 hours
- Interior/exterior applications
- Horizontal and vertical

Use For:

- Rapid repair of cracks in concrete slabs, driveways or sidewalks
- Repairing broken steps
- Curbs
- Repair broken concrete steps without using forms
- Ramps
- Concrete overlays
- Large masonry crack repairs

Yield/Water/Coverage:

Bag/Pail Size	Yield	Water	Coverage
10 lb (4.5 kg) pail	0.09 ft ³ (.003 m ³)	0.75 qt (0.7 L)	4.5 ft ² (0.41 m ²) at 1/4" (6.3 mm) thick
20 lb (9.0 kg) pail	0.18 ft ³ (.005m ³)	1.5 qt (1.4 L)	9 ft ² (0.83 m ²) at 1/4" (6.3 mm) thick
40 lb (18.1 kg) bag	0.37 ft ³ (.01 m ³)	3 qt (2.8 L)	18 ft ² (1.6 m ²) at 1/4" (6.3 mm) thick

To determine coverage: Multiply Length (feet) x Width (feet) x Thickness (inches) and divide by 12. Then divide by the yield in the chart above to determine the numbers of bags needed. See Calculator on Sakrete.com for assistance.

Yield and water are approximate.

Technical Data:

Compressive Strength ASTM C 109
 2 hours = 1,000 psi (7 MPa)
 7 day = 4,000 psi (28 MPa)
 28 days = 5,000 psi (34 MPa)

Set time ASTM C 191

Initial Set = 15 - 20 minutes

Final Set = 25 - 30 minutes

DIVISION 3

Concrete Topping – 03 53 00

Color:

Gray

Preparation/Application:

1. Remove all loose concrete from the repair area by chipping with hammer and chisel. For a successful project, proper preparation is required.
2. Air, mix and substrate temperatures should be a minimum of 40°F (10°C).
3. Surfaces to be repaired must be sound and clean. Remove all loose and foreign matter and any material such as sealers, paints, oil, tree sap or glues that will interfere with bonding.
4. Smooth surfaces should be roughened to assure a good mechanical bond.
5. Dampen concrete surface just prior to applying Fast Setting Cement Patcher.

Placement:

For an enhanced bond mix a small amount of Fast Set Cement Patcher to a wet soupy consistency and smear (using a gloved hand) or brush the material onto the surface to be repaired working the mix into the crack. For a superior bond use Sakrete Bonder & Fortifier. Allow to dry for a few minutes before continuing. Then mix material to the proper consistency and following mixing instructions.

Concrete Repair:

Place and consolidate the mix. Work into voids and level with a trowel. Do not overwork as this may lead to dusting or cracking.

Chipped or Broken Concrete Edges:

- Allow mixed material to stiffen to a putty-like consistency.
- Using a rubber gloved hand, force the material into place overfilling the void.
- Mold, trim and smooth using a trowel. Using one trowel as a temporary form and a second trowel to finish the surface provides an easier neater repair.

Finishing:

No additional troweling or finishing required. If a broom finish is desired, brush with a soft bristle broom pulling in one direction.

Refer to:

- ACI 305R Guide to Hot Weather Concreting
- ACI 306R Guide to Cold Weather Concreting

Mixing:

Mix only the amount of material that can be placed in 5 minutes

- Add approximately half the water (see table for water amount) to an empty pail, then add material and mix. Add additional water as needed but AVOID A SOUPY MIX.
- When mixing less than the entire bag or pail, mix 4 parts material with 1 part water or enough to achieve a workable mix. Excess water reduces strength and durability and can cause cracking, dusting or scaling.
- For improved bond replace 1/4 of the recommended water with the Sakrete Bonder & Fortifier.
- For improved mixing, mix in a 5 gallon pail using a power drill and a mortar or paint mixing paddle. Add half of the required water to the empty pail, then add material and mix. Add the remainder of water as needed.



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Curing:

Curing is not required when using Fast Setting Cement Patcher to repair small cracks. When using Fast Setting Cement Patcher to surface coat a large area, follow instructions below.

1. Proper curing is critical for sound results. Curing means maintaining proper moisture and temperature. The material must be kept continuously moist for several days.
2. Covering the material with plastic is a practical way to help retain moisture. Place plastic after material has set.
3. If surface begins to appear dry remove the plastic moisten the surface and replace the plastic.
4. New repaired areas can be opened to foot traffic in 4 hours and vehicular traffic in 24 hours.
5. Keep from freezing for 24 hours.

Precautions:

Air, mix and substrate temperatures should be between 40°F (4.5°C) and 90°F (32°C) and no rain in the forecast within 24 hours of application. For applications outside this range of temperatures and conditions, contact Sakrete Technical Service.

- Colder temperatures or higher humidity conditions will retard set times
- Use only clean mixing container and tools
- Do not over trowel
- Do not overwater
- Do not add any materials other than clean water or Sakrete Bonder and Fortifier.

NOTE: Proper application and installation of all Sakrete products are the responsibility of the end user.

Safety:

READ and UNDERSTAND the Safety Data Sheet (SDS) before using this product. WARNING: Wear protective clothing and equipment. For emergency information, call CHEMTREC at 800-424-9300 or 703-527-3887 (outside USA). KEEP OUT OF REACH OF CHILDREN.

Limited Product Warranty:

The manufacturer warrants that this product shall be of merchantable quality when used or applied in accordance with the manufacturer's instructions. This product is not warranted as suitable for any purpose other than the general purpose for which it is intended. This warranty runs for one (1) year from the dates the product is purchased. ANY IMPLIED WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE ON THIS PRODUCT IS LIMITED TO THE DURATION OF THIS WARRANTY. Liability under this warranty is limited to replacement or defective products or, at the manufacturer's option, refund of the purchase price. CONSEQUENTIAL AND INCIDENTAL DAMAGES ARE NOT RECOVERABLE UNDER THIS WARRANTY.

