



TOP 'N BOND CONCRETE PATCHER

◆ The Pro's Choice Since 1936



Sakrete Top 'n Bond Concrete Patcher is a polymer modified sand cement repair mortar requiring only the addition of clean potable water. For applications from 1/2" (13 mm) to feather edge. For refinishing, patching and general repairs to concrete/masonry.

Features:

- High Strength 5,000 psi
- Applications feather edge to 1/2" (13 mm)
- Open to foot traffic in 24 hours and vehicular traffic in 72 hours
- Interior/exterior applications
- Superior abrasion resistance

Use For:

- Repairing cracks in concrete slabs, driveways and sidewalks
- Leveling uneven concrete surfaces
- Curbs
- Stairs
- 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 C109
7 day = 4,000 psi (28 MPa)
28 days = 5,000 psi (34 MPa)

Bond Strength ASTM C882
28 days = 1200 psi (8 MPa)

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.
2. For a successful project, proper preparation is required. Air, mix and substrate temperatures should be a minimum of 40°F (10°C).
3. Surfaces to be repaired must be sound and clean.
4. Remove all loose and foreign matter and any material such as sealers, paints, oil, tree sap or glues that will interfere with bonding.
5. Dampen concrete surface just prior to applying Top 'n Bond.
6. DO NOT USE A BONDING AGENT.

Concrete Repair:

Top n Bond can be used either as a trowel applied material to repair cracks or level uneven surfaces or as a thin brush coat to blend existing repairs to a uniform color.

Trowel Applied:

1. For a superior bond mix Top 'n Bond to a wet soupy consistency and smear (using a gloved hand) or brush the material onto the entire surface to be repaired working the mix into cracks.
2. Allow to dry a few minutes before continuing.
3. Then mix Top n Bond to the correct consistency (see water chart) and place and consolidate the mix.
4. Work into voids and level with a trowel.
5. Do not overwork as this may lead to dusting or cracking.
6. For applications thicker than 1/2" (13 mm) apply in layers allowing material to harden between applications.

Brush Coat Application:

Using a soft paint brush or masonry brush, apply mix no more than 1/8" thick.

Refer to:

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

Mixing:

1. Add approximately half of 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.
2. When mixing less than the entire bag, mix 4.5 parts material with 1 part water or enough to achieve a workable mix.
3. Excess water reduces strength and durability and can cause cracking, dusting or scaling.
4. 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.
5. If using in a "brush coat" application, mix 3.5 parts material with 1 part water or until a stiff paint consistency is achieved.



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Curing:

Curing is not required when using Top 'n Bond to repair small cracks. When using Top n Bond 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 24 hours and vehicular traffic in 72 hours.
5. Keep from freezing for 24 hours.

Precautions:

Air, mix and substrate temperatures should be between 40°F (4°C) and 100°F (38°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 potable water. See Technical Data Sheet for mixing instructions.

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.