



TOP 'N BOND CONCRETE PATCHER

DIVISION 03 53 00 – CONCRETE TOPPING



KNOW YOUR MIX

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 0 (feather edge) to 2" (51 mm).

For finishing, patching and general repairs to concrete/masonry.



**OPEN TO FOOT TRAFFIC
IN 24 HOURS**



**APPLICATIONS
0-1/2"**



**FINAL
STRENGTH
5000
PSI**



**YIELD
AT 1/4" DEPTH
18
SQ.FT.**

YIELD/COVERAGE/WATER

PACKAGE SIZE	YIELD	APPROXIMATE COVERAGE AT 1/4" (6.3 MM) THICK	WATER REQUIRED
10 lb 4.5 kg	0.09 ft ³ .003 m ³	4.5 ft ² 0.41 m ²	0.75 qts 0.7 L
20 lb 9 kg	0.18 ft ³ .005 m ³	9 ft ² 0.83 m ²	1.5 qts 1.4 L
40 lb 18.1 kg	0.37 ft ³ .01 m ³	18 ft ² 1.6 m ²	3 qts 2.8 L

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.

LEED ELIGIBILITY

- Regional Materials (MR-c5)
- Recycled Material (MR-c4)

FEATURES

- High Strength 5,000 psi
- Applications feather edge to 2" (51 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

**ESTIMATE
YOUR JOB**



**SAKRETE.COM/
CALCULATORS**



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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 (4° 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:

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 2" (51 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.

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.



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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



DANGER HAZARD STATEMENT

Harmful if swallowed. Causes skin irritation. Causes serious eye damage. May cause an allergic skin reaction. May cause cancer. May cause respiratory irritation. Causes damage to lungs through prolonged or repeated exposure.

PRECAUTIONARY STATEMENTS

Wash hands thoroughly after handling. Do not eat, drink or smoke when using this product. Contaminated work clothing must not be allowed out of the workplace. Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Wear protective gloves/protective clothing/eye protection/face protection. Use only outdoors or in a well-ventilated area. Do not breathe dust. If exposed or concerned: Get medical advice/attention. If swallowed: Immediately call a poison center/doctor. Rinse mouth. If on skin: Wash with plenty of water. Take off contaminated clothing and wash it before reuse. If skin irritation or rash occurs: Get medical advice/attention. If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Immediately call a poison center/doctor. If inhaled: Remove person to fresh air and keep comfortable for breathing. Call a poison center/doctor if you feel unwell. Store locked up. Store in a well-ventilated place. Keep container tightly closed. Dispose of contents and container in accordance with all local, regional, national and international regulations.

⚠ WARNING: Cancer and Reproductive Harm - www.P65Warnings.ca.gov.

KEEP OUT OF THE REACH OF CHILDREN AND ANIMALS.

For additional information, call the manufacturer at 866-725-7383 or Chemtrec at 800-424-9300 or 703-527-3887 outside of USA. Refer to Safety Data Sheet (SDS) for further information.

LIMITED PRODUCT WARRANTY

The manufacturer warrants that this product is free from defects in material and workmanship and will perform per the manufacturer product literature in effect at the time of purchase. This warranty is for one (1) year from the date of purchase. Any implied warranty of merchantability or fitness for a particular purpose is limited to the duration of this express warranty. This warranty applied only if the product is used, in strict accord with manufacturer published instructions. The sole and exclusive remedy under this warranty is replacement of the defective product or refund of the purchase price, at manufacturer's option. **CONSEQUENTIAL, SPECIAL, AND INCIDENTAL DAMAGES ARE NOT RECOVERABLE UNDER THIS WARRANTY.** All claims under this warranty must be submitted to manufacturer by calling 866-725-7383. This warranty gives you specific legal rights, and you may also have other rights which vary from state to state.

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For current and complete product information, contact SAKRETE Technical Services toll-free at 866-725-7383 or visit Sakrete.com