



Top 'n Bond Concrete Patcher

Resurfacing, patching, and general concrete repairs from 1/2" to featheredge

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PRODUCT DESCRIPTION

SAKRETE® Top 'n Bond Concrete Patcher is a polymer modified sand cement repair mortar requiring only the addition of clean water. For resurfacing, patching and general repairs to concrete walks, walls, driveways, patios, and masonry. Can be used for applications from 1/2 in. (13 mm) down to a feather-edge or as a brush coat.

WHEN/WHERE TO USE

- Interior and exterior repairs
- Walls and floors
- Sidewalks, steps, driveways, and patios

ADVANTAGES

- Excellent bond
- High strength, polymer modified
- Trowelable to feather edge
- Pre-blended, ready to mix and use
- Mix with water only

PACKAGING

10 lb. (4.5 kg) box (BOM 120031)
50 lb. (22.6 kg) pail (BOM 120032)

TYPICAL YIELD

For general repairs:

One 50 lb. pail (22.6 kg) will cover approximately 22.5 sq. ft. (2.09 m²) at 1/4 in. (6.3 mm) thick.

Package Size	Yield
10 lb. (4.5 kg)	4.5 sq. ft. (0.41 m ²)
50 lb. (22.6 kg)	22.5 sq. ft. (2.09 m ²)

To determine the number of bags needed: Multiply (length x width x depth), divided by yield from chart above.

For brush coat application:

One 50 lb. pail (22.6 kg) will cover up to 100 sq. ft. (9.3 m²) but varies with roughness of surface.

TECHNICAL DATA

Technical Data Tests	
ASTM C 882 Bond Strength	
28 days	1200 psi (MPa)
ASTM C 109 Compressive Strength	
7 days	4,000 psi (28 MPa)
28 days	5,000 psi (34 MPa)

SURFACE PREPARATION

Use only when the product, air and surface temperature are above 50°F (10°C) and remain above 50°F (10°C) for a minimum of 24 hours. The substrate must be sound, clean, hard and free of dust, dirt, grease, oil, paint, sealers, curing compounds, and other materials that will interfere with the bonding of the new material. Do not mix any materials with this product other than water. DO NOT USE WITH A BONDING AGENT.

MIXING

Add water a little at a time until the desired consistency is reached. When mixing small amounts use approximately 6 parts powder to 1 part water by volume. (See table below). For improved mixing, use a high torque variable speed drill and run at low r.p.m. to avoid splattering. After mixing allow material to stand for 5 minutes. Material may stiffen during this time. Remix material. If too stiff add a small amount of water to achieve desired consistency. AVOID A SOUPY MIX. Excess water reduces strength, durability, bond and can cause cracking. In cold weather use warm water to accelerate the set. Use cold water to slow the set in hot weather. Retempering impairs performance. Do not mix more than can be used in 30 minutes.

Approximate Water Requirements	
10 lb. (4.5 kg)	.75 qt. (.7 L)
50 lb. (22.6 kg)	3.75 qt. (3.5 L)

APPLICATION

Read all directions before starting work.

Repairs: Level with a screed and allow the bleed water to evaporate. Use a float to remove surface imperfections and trowel to a smooth finish. For a rougher surface, use a broom. Refer to ACI 302. Finishing cementitious materials too early, or over-working the materials can cause dusting, cracking, scaling, and a weak surface.

Brush coat application: Lightly dampen the surface. Mix Top 'n Bond Concrete Patcher to a thick paint consistency. Apply with a soft bristle broom, masonry brush or squeegee. Maximum thickness for brush coat application is 1/8 in. (3 mm).

CURING

Curing means maintaining proper moisture and temperature. Account for local environmental conditions when selecting the curing method. High heat, low humidity or wind will increase the evaporation of water. Keep the surface damp, using a sprinkler, wet burlap, or cover with plastic for several days as needed. In cold weather adequately cover and keep from freezing for a minimum of 24 hours. Refer to ACI 308. Patched area may be open to foot traffic after 1 day and vehicular traffic after 3 days.

CLEAN UP

Use warm, soapy water for cleaning hands and tools while product is wet. SAKRETE Concrete Mortar Dissolver can be used if dried or hardened on tools and equipment.

NOTES AND LIMITATIONS

- Rubber gloves and goggles are recommended safety equipment
- Do not add any materials other than clean potable water

Helpful Items:



WARNING: INJURIOUS TO EYES

KEEP OUT OF REACH OF CHILDREN



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- Use only clean mixing container and tools
- Store in tightly closed container off the floor in a dry place

Proper application and installation of all SAKRETE products are the responsibility of the end user.

WARNING

WARNING! CAUSES IRRITATION - Avoid contact with eyes, skin and clothing. Wash thoroughly after handling. Exposure may result in irritation of the skin, eyes or nasal passages from alkali in Portland cement. When wet, contact with the skin or eyes may result in irritation or burns. FIRST AID: In case of eye contact, flush immediately with plenty of water for at least 15 minutes and get prompt medical attention; for skin, wash thoroughly with plenty of soap and water. If irritation persists, get medical attention. WARNING! HARMFUL IF INHALED - Avoid breathing dust. Keep container closed. Use with adequate ventilation. Excessive exposure by inhalation over an extended period of time may result in the development of pulmonary diseases including pneumoconiosis and silicosis. Crystalline Silica has been classified by IARC and NTP as a carcinogen. WARNING: Wear protective clothing and equipment. KEEP OUT OF REACH OF CHILDREN. READ and UNDERSTAND the Safety Data Sheet (SDS) before using this product.

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 of defective products or, at the manufacturer's option, refund of the purchase price. CONSEQUENTIAL AND INCIDENTAL DAMAGES ARE NOT RECOVERABLE UNDER THIS WARRANTY.

ENVIRONMENTAL ADVISORY

Uncured or crushed cured cement is an environmental hazard, which may adversely affect fish and wildlife. Dispose of construction debris containing cement, including empty bags, at a permitted municipal disposal firm. Do not use crushed concrete as a fill near an aquatic habitat.

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Shelf Life	One year in original, unopened container.
Storage Conditions	Store dry in tightly sealed
Color	Gray