

The Pro's Choice Since 1936

SAKRETE®

Top N Bond®

Concrete Patcher

PRODUCT # 151144, 151143, 16740, 16810, 15120

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 inch (13 mm) down to a featheredge or as a brush coat.

SAFETY:

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

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.

10 lb. (4.5 kg)	1.5 pt. (0.7 L)
20 lb. (9.0 kg)	3 qts. (2.8 L)
40 lb. (18.1 kg)	2.3 qts. (2.2 L)

Water amounts are approximate

PLACEMENT AND FINISHING:

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 SAKRETE® 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 inch.

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, Sakrete Cure 'N Seal 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.

STORAGE:

STORAGE: Store in a tightly closed container off the floor in a dry place.

TECHNICAL DATA: Typical results

Compressive Strength

ASTM C 109

7 day 4,000 psi (28 MPa)

28 day 5,000 psi (34 MPa)

Bond Strength

ASTM C 882

28 day 1200 psi (8 MPa)

COVERAGE:

For general repairs.

One 40 lb. bag (18.1 kg) will cover approximately 18 sq. feet (1.6 sq. m) at 1/4 inch (6.3 mm) thick.

For brush coat application

One 40 lb. bag (18.1 kg) will cover up to 80 sq. feet but varies with roughness of surface.

PACKAGE SIZE	YIELD
10 lb. (4.5 kg)	2.7 sq. ft. (0.24 sq. m)
20 lb. (9.0 kg)	5.4 sq. ft. (0.48 sq. m)
40 lb. (18.1 kg)	18 sq. ft. (1.67 sq. m)

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

COLORS: White and Gray

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PRODUCT # 15144, 15143, 16740, 16810

PACKAGING:

- 10 lb. tub (4.5 kg) - UPC: 0-50605-00143-8
- 10 lb. tub (4.5 kg) - UPC: 7-64661-16810-2 WHITE
- 20 lb. tub (9.0 kg) - UPC 7-64661-15120-3
- 40 lb. bag (18.1 kg) - UPC: 0-50605-00144-5
- 40 lb. bag (18.1 kg) - UPC: 7-64661-16740-2 WHITE

Not all sizes available in all areas

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.

HMIS BLOCK	
CONCRETE RESURFACER	
HEALTH	3
FLAMMABILITY	0
REACTIVITY	1
PERSONAL PROTECTION	X

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.

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

The SAKRETE Companies
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