

The Pro's Choice Since 1936

SAKRETE®

Stucco Base Coat

PRODUCT # 20180

SAKRETE® Stucco Base Coat (Scratch and Brown Coat) is a gray, factory-blended, water resistant, portland cement-based, non-structural material used for scratch and brown coat stucco work. For masonry: concrete block, brick or stone. For metal plaster base: expanded metal lath, or welded or woven wire lath. Conforms to appropriate sections of ASTM C 926 Standard Specification for Application of Portland Cement-Based Plaster.

SAFETY:

READ and UNDERSTAND the Material Safety Data Sheet (MSDS) 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.

PREPARATION:

Remove all unsound concrete, mortar, grease, oil, paint and other foreign materials that will inhibit performance. When used over old stucco or smooth surfaces, SAKRETE® Bonder/Fortifier is required.

Refer to:

- ASTM D 4258 Surface Cleaning of Concrete before painting
- ASTM C 926 Application of Portland Cement Plaster
- ACI 524R Guide to Portland Cement Plastering
- ASTM C 1063 Specification for Installation of Lathing and Furring to Receive Interior and Exterior Portland Cement-Based Plaster
- ASTM 4261 Surface Cleaning of Concrete Unit Masonry for Coating

MIXING:

Use clean tools and potable water. Use approximately 1 ½ gallons (5.8) of water per 80 lb. (36.2 kg) bag. Mix only quantities that can be applied within one hour. Overporous substrates and/or during hot, dry weather, one of the mixtures (below) is required:

Sakrete Stucco Base	Sakrete Bonder/Fortifier	Water
80 lbs.	1/2 gallon	1 1/2 gallons
36.2 kg	1.9 L	5.8 L

Approximate Water Requirement. (Keep water and/or Water and Bonder Fortifier quantity consistent from batch to batch). Place the water in the mixing container, gradually add the SAKRETE® Stucco Base Coat Mix to the mixing water and mix until material is wet and of a trowelable consistency. WATER AND MIXING TIME MUST BE KEPT TO A MINIMUM AND BE CONSISTENT BETWEEN BATCHES.

MIXING: (Cont.)

Wash out mixer periodically to keep material from caking. If mixture becomes stiff and difficult to trowel, discard it. Refer to applicable sections of the standards referenced. DO NOT re-temper. Re-tempering will seriously affect performance. When using SAKRETE® Bonder/Fortifier, pre-dilute with water first before mixing with the SAKRETE® Stucco Base Coat Mix. The addition of SAKRETE® Bonder/Fortifier improves bond, curing, reduces shrinkage cracks and helps reduce efflorescence. SAKRETE® Stucco Finish Coat. The addition of SAKRETE® Bonder/Fortifier improves bond, curing, reduces shrinkage cracks, improves color retention and helps reduce efflorescence.

PLACEMENT:

Install to a minimum thickness in accordance with the standards referenced. Finish according to the standards referenced. Wood floats are preferred. Over-floating the material can result in color variations, mottling and surface defects. The Air, Mix & Substrate temperatures should all be between 40° F (4.4°C) to 90° F (32.2°C).

SPRAY APPLICATION:

The following information is offered as a guide only. Specific product, equipment, application conditions and user experience will influence proper application results. Consult with the equipment manufacturer for equipment handling techniques. Field Test material with equipment prior to starting project. Spray an even, consistent coat, moving the nozzle with a steady, even motion, maintaining the same distance and angle from the wall.

Progressive Cavity Pump	Hose diameter & Max. length	Gun	Tip	Pressure at Pump	Pressure at Gun
2.5 L	1" to 1½" (25.4 to 38.1 mm)	Pole	7/16" to 9/16" (11.1 to 14.3 mm)	300 to 400 psi (2.1 to 2.8 MPa)	Air Compressor to furnish 50 psi (0.3 MPa)

CURING:

Excessive water used in curing will affect performance. Protect newly applied substrates from rain for 12 hours. Protect from freezing for 48 hours after application. Materials modified with SAKRETE® Bonder/Fortifier should be air cured, unless hot and/or drying winds or low humidity are present. Under such conditions, if not modified, lightly fog spray. Cure per American Concrete Institute 308-Standard Practice for Curing Concrete. As with all stucco, surface cracking may occur due to curing conditions, control joint configurations, over-watering, over-troweling or other conditions beyond the control of the makers of SAKRETE® products. Efflorescence is a naturally occurring phenomenon associated with portland cement based products. Elevated mineral content, salts or other particulate can exacerbate this condition.

REV 3-09

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COVERAGE:

TROWEL APPLIED:

80 lbs. (36.3 kg) covers approximately 25 sq. ft. (2.3 sq. M) at 3/8 inch (9.6 mm) thick

80 lbs. (36.3 kg) covers approximately 35 sq. ft. (3.2 sq. M) at 1/4 inch (6.4 mm) thick

SPRAY APPLIED:

80 lbs. (36.3 kg) covers approximately 20 sq. ft. (1.8 sq. M) at 3/8 inch thick

Coverage can vary depending upon texture, weather, method of application, workmanship and other conditions.

TECHNICAL DATA (Typical Values)	
Compressive Strength ASTM C 109	
725 psi (5 MPa)	7 days
875 psi (6.0 MPa)	14 days
1100 psi (7.6 MPa)	28 days

LIMITATIONS

- DO NOT apply over substrates that are frozen.
- DO NOT add foreign material to the mix.
- DO NOT apply if air or substrate temperature is below 40°F (4.5°C) or above 90°F (32°C).
- DO NOT apply when temperature is expected to fall below 40°F (4.5°C) within 48 hours.
- DO NOT over-water.
- DO NOT over-float material.
- DO NOT use high mineral content or salt water.
- DO NOT apply over painted, sealed or slick surfaces.

PACKAGING:

80lb. (36.3kg) multiply bag UPC: 7-64661-20180-9

STORAGE:

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

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.

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. 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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