

The Pro's Choice Since 1936

**SAKRETE®**

# Surface Bonding Cement

PRODUCT # 13750, 13850

A quality mixture of cement, lime, sand, fibers and special additives.  
Used to build, decorate and damproof dry stack concrete block walls.  
Can also be used to strengthen existing mortared or dry stacked block walls. Structural applications where safety is a concern should be designed and approved by a licensed engineer.

#### 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:

Concrete masonry units should be dry, clean and free of dirt, grease and paint. Remove any deteriorated materials that will interfere with bonding.

#### Dry Stack Block Walls:

When laying a new block wall first construct a sound footing below the frost line. Level the first course of block on each floor in a full bed of mortar or SAKRETE® Surface Bonding Cement. If mortar is used wait four hours; if SAKRETE® Surface Bonding Cement is used wait one hour. Stack the remaining courses without mortar from corners in a running bond pattern. Butt the blocks together. Fill gaps larger than 1/4 inch (6 mm) with SAKRETE® Surface Bonding Cement prior to coating the wall.

#### Existing Masonry Wall:

Clean surface as directed above. Fill existing voids in block wall with SAKRETE® Surface Bonding Cement.

#### MIXING:

Empty the contents into a mortar box, wheelbarrow or mechanical mixer. When mixing by hand, form a crater for adding water. Add approximately 5 - 6 quarts (4.7 - 5.7 L) of water per 50 lb.(22.6 kg) bag or enough to achieve a workable mix. If too stiff, add more water a little at a time. Avoid a soupy mix. Excess water reduces strength and durability and can cause cracking. In cold weather use warm water to accelerate the set. Use cold water to slow the set in hot weather.

#### PLACEMENT:

Dampen but do not saturate masonry surfaces before applying SAKRETE® Surface Bonding Cement. Apply material at a minimum thickness of 1/8-inch (3.2 mm). For structural applications apply material to both sides of the block wall.

#### CURING:

In hot weather lightly dampen the material as needed to promote adequate curing. In cold weather adequately cover and keep from freezing for a minimum of 24 hours. Protect from rain for 24 hours. Do not apply SAKRETE® Surface Bonding Cement if temperature will fall below 50° F (10° C) within 24 hours.

#### COVERAGE:

One 50 lb. (22.6 kg) bag will cover 35-40 sq. feet (3.25-3.7 sq. meter) at 1/8 inch (3.2 mm) thick.

#### COLORS:

White and Gray

#### PACKAGING:

50 lb. (22.6 kg) multiply bag UPC: 7-64661-13750-4 (White)  
50 lb. (22.6 kg) multiply bag UPC: 7-64661-13850-1 (Gray)

#### STORAGE:

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

#### TECHNICAL DATA:

Typical results

#### Compressive Strength

ASTM C 109  
28 day 4,000 psi (28MPa)

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## 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.

### HMS BLOCK

Surface Bonding Cement	
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. **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  
866-SAKRETE  
866-725-7383  
www.sakrete.com

REV 9/08