

The Pro's Choice Since 1936

**SAKRETE®**

# Anchor Cement

PRODUCT # 18110, 18120, 18050

A mixture of cement, sand and special additives. For the rapid setting of bolts, railings and machinery into concrete, brick or stone. special or structural applications where safety is a concern should be designed and approved by a licensed engineer. Metals such as aluminum that will corrode when exposed to wet cement must be protected.

#### 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:

The concrete or masonry unit to receive the anchor must be sound. Ensure that the hole is wide enough and deep enough to provide proper support. This will vary greatly depending on the fixture being anchored. In no case should the hole be less than 2 inches deep and 2 inches wide. A minimum clearance of 1 inch is required around the fixture being anchored. Remove all loose material from the hole. Flood the hole with water and then remove all standing water leaving the hole damp.

#### MIXING:

For anchoring into concrete floors, mix SAKRETE® Anchor Cement to a thick batter-like consistency. For anchoring into walls, mix to a much stiffer putty-like consistency.

#### PLACEMENT:

Place fixture in the hole. Stabilize the fixture so that no movement occurs until the SAKRETE® Anchor Cement is hard (about 30 minutes). For applications subject to water, taper the material to shed water away from the fixture.

#### COVERAGE:

One 20 lb. (9 kg) Tub covers approx. 2 sq. ft. (.18 sq. m) by 1 inch (25 mm) thick.

#### CURING:

Do not allow the material to dry out during the first 24 hours after application.

#### STORAGE:

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

#### PACKAGING:

50 lb. bag (22.6 kg) - UPC: 7-64661-18050-0

20 lb. tub (9.0 kg) - UPC: 7-64661-18120-0

10 lb. tub (4.5 kg) - UPC 7-64661-18110-1

\*Not all sizes available in all areas

#### TECHNICAL DATA: Typical results

##### Compressive Strength

ASTM C 109

1 hour 2,000 psi (14 MPa)

7 day 4,000 psi (28 MPa)

28 day 6,000 psi (41 MPa)

##### Set Time

ASTM C 191

20 minutes

##### Pull-out Strength

ASTM C 900

1 inch bolt 14,000 lb. Total Load

3/4 inch bolt 10,000 lb. Total Load

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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.

### HMIS BLOCK

#### ANCHOR CEMENT

<b>HEALTH</b>	<b>3'</b>
<b>FLAMMABILITY</b>	<b>0</b>
<b>REACTIVITY</b>	<b>1</b>
<b>PERSONAL PROTECTION</b>	<b>X</b>

**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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866-725-7383  
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