



## SAKRETE STONE VENEER MORTAR

SAKRETE Stone Veneer Mortar a pre-blended, pre-packaged mortar specifically designed for use with cultured bricks and stones, as well as for granite pavers and slab installation. This mortar is a blend of cementitious material, polymer, masonry sand and other carefully selected components. It is grey in colour.

### FEATURES & BENEFITS

- High bond strength
- Superior workability
- Increased compressive strength and long-term durability
- Pre-blended, reducing mixing time on job-site and increasing productivity
- Excellent resistance to de-icing salts
- VOC Content: <0.1 g/L (SCAQMD Rule 1168)

### USES

- Setting and grouting artificial stone
- Bonding brick and cultured stone to vertical surfaces
- Bedding granite pavers and slabs on horizontal surfaces
- Can be used in both interior and exterior applications

### PROCEDURES

**Mixing:** SAKRETE Stone Veneer Mortar should be mixed with a maximum of 3.0 L (0.8 US gallon) of potable water per 20 kg (44 lb) bag, in a clean paddle mixer. Add the required amount of water (while not exceeding the maximum) into the mixer along with 20 kg (44 lb) of SAKRETE Stone Veneer Mortar and mix for three (3) to five (5) minutes. If the maximum amount of water has not been exceeded add only enough of remaining water to bring mix to the desired consistency. Clean the mixer immediately after use

**Installation:** Concrete Panel

**Step #1:** Installing the concrete panel:

Ensure that the concrete panel is solidly anchored to the structure and installed according to the manufacturer's recommendations. Ensure that the concrete panel is installed with the rougher side facing out. Where required, refer to the architectural specifications or consult a structural engineer, to ensure panels are correctly installed.

**Step #2:** Installing the metal lath:

The installation of the metal lath is an important step. Securely fasten the metal lath with screws and plastic or metal washers.

**Step #3:** Installing the base coat:

Apply a base layer of SAKRETE Stone Veneer Mortar over the metal lath, leaving the surface slightly roughened. Allow the mortar to cure for at least 24 hours.

**Step #4:** Applying SAKRETE Stone Veneer Mortar:

All surfaces to be in contact with SAKRETE Stone Veneer Mortar must be free from dust, oil, grease or any other foreign substances that may interfere with the bond of the material.

**Step #5:** Installing the mortar joints (if required)

Carefully remove any nails installed to support the stone (see Application section). Ensure that the stone is well bonded to the surface. Fill in the joints using SAKRETE Stone Veneer Mortar. Use appropriate jointing tool to obtain the desired finish. If necessary, clean the surface using a nylon brush and clean water.

**Procedures for interior applications to:** drywall, plywood, concrete panels, interior-rated cement board, etc.

Step 1) Drywall, plywood, concrete panels, interior-rated cement board, etc.

Step 2) Metal lath

Step 3) Base coat

Step 4) SAKRETE Stone Veneer Mortar

Step 5) Install the masonry unit

**Procedures for exterior applications to:** concrete, masonry, surfaces, concrete panels, exterior-rated cement board or plywood\*.

Step 1) Concrete, masonry surfaces, concrete panels, exterior-rated cement board or plywood

Step 2) Tar paper (\*required on plywood)

Step 3) Metal lath

Step 4) Base coat

Step 5) SAKRETE Stone Veneer Mortar

Step 6) Install the masonry unit



## SAKRETE STONE VENEER MORTAR

**Application:** Before applying SAKRETE Stone Veneer Mortar, moisten the receiving surface or the base coat. NOTE: If applying to drywall surfaces, do not moisten surface. Apply the mortar directly onto the surface with a trowel, ensuring that voids are filled. Force the stone against the wall using light pressure for several seconds. Once released, the stone should remain bonded to the surface. Nails may be used under the stone for support. Allow the mortar to cure for 24 hours.

### TECHNICAL DATA

The following data is representative of typical values achievable under laboratory conditions according to CSA A179-04. Results in the field may vary.

**Set Time:** Initial: 3 hours  
Final: 5 hours

**Compressive Strength:** 1 Day 8 MPa (1 160 psi)  
7 Day 15 MPa (2 175 psi)  
28 Day 20 MPa (2 900 psi)

### Direct Tension Tests

#### CSA A23.2-6B

#### Support

	Average Strength	
	MPa	psi
Plywood	<0.02	<3
Plywood + Metallic Mesh	<0.2	<28
Cement Board	<1.1	<160
Cement Board + Metallic Mesh	<1.3	<190
Concrete Block	<1.2	<180

**Flow** 75 %

**Air Content** 18 % Maximum

### OPTIMAL PERFORMANCE

- SAKRETE Stone Veneer Mortar should not be used as a bedding mortar for conventional masonry work. For applications requiring conventional Type N Mortar, please refer to SAKRETE Mortar Mix, Type N.
- The substrate and mortar temperature should be between 5 °C (40 °F) and 38 °C (100 °F) and maintained in this range for 72 hours after mortar application.
- Never use on-site admixtures to modify setting time, workability, or any other properties of plastic or hardened mortar.
- Use only the recommended volume of water to achieve the desired plastic and hardened mortar properties.

### YIELD

20 kg (44 lb) covers approximately 1.20 m<sup>2</sup> (13.0 ft<sup>2</sup>) at 10 mm (3/8 in) thick.

### PACKAGING

20 kg (44 lb) bag

### UPC

055226505129

### STORAGE & SHELF LIFE

Material should be stored in a dry, covered area, protected from the elements. Unopened bags have a shelf life of 12 months.

### SAFETY PROCEDURES

**CAUSES BURNS.** Do not swallow. Do not get in eyes. Do not get on skin or clothing. Do not breathe fumes. Handle with care. Keep out of reach of children. Wear safety glasses, protective clothing and dust mask. Use only in a well-ventilated area.

**FIRST AID TREATMENT:** Contains cement, when wet forms a calcium hydroxide solution. If swallowed call a poison control center or doctor immediately. Do not induce vomiting. If in eyes, rinse with water for at least 15 minutes. If on skin, rinse well with water. If on clothes remove clothes. If breathed in, move person to fresh air.

### WEBSITE

For more information and other projects, visit us at [www.sakretecanada.com](http://www.sakretecanada.com) or call us at 866-725-7383.

Warranty: This product is designed to meet the performance specifications outlined in this product data sheet. If the product is used in conditions for which it was not intended, or applied in a manner contrary to the written recommendations contained in the product data sheet, the product may not reach such performance specifications. The foregoing is in lieu of any other warranties, representations or conditions, expressed or implied, including, but not limited to, implied warranties or conditions of merchantable quality or fitness for particular purposes, and those arising by statute or otherwise in law or from a course of dealing or usage of trade. [REV.0006\_07/18/19]

## KING PACKAGED MATERIALS COMPANY

Oakville Office  
555 Michigan Dr.,  
Oakville, ON  
L6L 0G4

Montreal Office  
3825 rue Alfred-Laliberté,  
Boisbriand, QC  
J7H 1P7

Brantford Office  
541 Oak Park Rd.,  
Brantford, ON  
N3T 5L8

Sudbury Office  
644 Simmons Rd.,  
Dowling, ON  
P0M 1R0