



## SAKRETE FLOW-STONE

SAKRETE flow-stone is a pre-blended, pourable, fast-setting, high strength, anchoring cement designed for the rapid anchoring and repair of fixtures into concrete. Controlled expansion assures a tight grip on both the fixture and the surrounding concrete. Fixtures may be attached after 1 hour.

### FEATURES & BENEFITS

- Pourable
- High strength
- Self-leveling

### USES

Ideal for setting anchor bolts, screws, posts and railings, or for reinforcing rods and other fixtures into existing concrete.

### PROCEDURES

Mix and substrate temperatures should be maintained above 5 °C (40 °F) for at least 24 hours prior to and 48 hours after.

**Surface Preparation:** Surfaces must be structurally sound and clean. Remove any dirt, sand, dust or paint by sweeping, vacuuming, scraping or using a wire brush as required. Remove all grease or oil by scrubbing vigorously with a strong detergent solution and flood with large volumes of potable water. Clean the area with potable water, leaving the concrete saturated but free of standing water. Some very porous concretes may require several applications of water to ensure complete saturation.

**Mixing:** Use clean containers and clean potable water. Add product slowly while mixing. Avoid a “soupy” mix. Strength, hardness and fluidity are directly dependent on the water-to-compound ratio. Mix thoroughly. Add any extra water sparingly. See specific projects below for mix:water ratios.

### ANCHORING IN CONCRETE OR MASONRY WALLS

First drill a hole that will be at least 2 inches (5 cm) deep and allow a minimum of 1/2 inch (1.27 cm) of SAKRETE flow-stone to surround the fixture being anchored. Clean surface as stated in surface preparation.

**Mixing:** Mix to a putty consistency; about 220 mL (7.5 oz) of water to 1 KG (2.2 lb).

**Placing:** After mixing, tamp the putty-like mixture into the prepared hole. Tap the fixture into the material. If the material sags, wait a few minutes until the hardening process starts and then position the fixture.

### ANCHORING INTO CONCRETE FLOORS

First, drill a hole that will be at least 2 inches (5 cm) deep and allow a minimum 1/2 inch (1.27 cm) of SAKRETE flow-stone to surround the fixture being anchored. Clean surface as stated in surface preparation.

**Mixing:** Mix to a batter consistency; about 260 mL (8.75 oz) of water to 1 KG (2.2 lb).

**Placing:** After mixing, place the fixture into the prepared hole and pour SAKRETE flow-stone around it. Tap the fixture to help settle the mix in the hole. Pour a slight excess around the fixture to achieve a dome shape taper about 1/4 inch (5 mm) higher than the surrounding concrete. This will prevent water from accumulating around the base.

### CURING

No special curing is required.

### TECHNICAL DATA

**Set Time:** 10 - 20 minutes

<b>Compressive Strength:</b>	<b>1 Hour</b>	24 MPa (3600 psi)
	<b>1 Day</b>	27 MPa (4000 psi)
	<b>7 Day</b>	32 MPa (4700 psi)
	<b>28 Day</b>	41 MPa (6000 psi)

### PAINTING

Concrete must be fully cured (approximately 28 days) and dry before painting. Refer to paint manufacturer directions for application instructions.

### CLEAN UP

Clean all tools with water immediately after use.

### YIELD

1 KG (2.2 lb) yields approximately 28 in<sup>3</sup> (460 cm<sup>3</sup>).

### PACKAGING

2 KG (4.4 lb) plastic pail	055226172048
4 KG (8.8 lb) plastic pail	055226172031

### UPC

### STORAGE & SHELF LIFE

Material should be stored in a dry covered area protected from the elements. Unopened pails 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.



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**SAKRETE FLOW-STONE**  
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**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]

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