

DESCRIPTION: SAKRETE FLO-COAT® Concrete Resurfacer is a polymer modified, resurfacing material requiring only the addition of clean water. Designed for applications from 13 mm (1/2") down to a feather edge.

USES: SAKRETE FLO-COAT® is recommended for resurfacing concrete walks, slabs, driveways and patios. Can be applied in a flowable consistency using a squeegee or in a stiffer consistency using a trowel.

ADVANTAGES: SAKRETE FLO-COAT® is a flowable material which is easy to apply. It can be used to rejuvenate old concrete surfaces as an alternative to expensive concrete replacement and is polymer modified for superior bonding strength. There would be no need to use a bonding agent. It has high abrasion resistance and can be open to light foot traffic in just 4 hours of application.

PROCEDURES: SURFACE PREPARATION: Use only when the product, air and surface temperature are above 10°C (50°F) and remain at that for a minimum of 24 hours. The substrate must be sound, clean, hard and free of dust, grease, oil, paint, sealers, curing compounds and other materials that will interfere with the bonding of the new material. Pressure washing is recommended with a 17MPa (2500psi) pressure washer. Prior to application, fill any cracks and pitted or deteriorated areas with SAKRETE FLO-COAT® Resurfacer mixed to a trowable consistency: 8 parts powder to 1 part water by volume. Allow any repairs to set before resurfacing begins.

MIXING: One 18.1kg bag requires approximately 3.3 L (3.5 quarts) of clean water. First add most of the water to a 20 liter (5 gallon) bucket. Then pour the powder into the bucket and mix with a high torque variable speed drill using a paddle mixer attachment, running at low rpm to avoid splattering. Mix approximately 2 minutes adding remainder of the water as needed. Let the material sit for 1 minute, then finish mixing for another minute to a lump-free, pourable consistency. Excess water reduces strength, durability, bonding and can cause cracking. Use cold water to slow set in hot weather.

PLACING: Dampen the surface with water. Pour the mixed material onto the surface and spread it with a long handled squeegee. If squeegee marks are evident, drag a stiff bristle broom over the material immediately after using the squeegee. If done when the SAKRETE FLO-COAT® is still fluid this will evenly blend the material together. Do not allow the material to spill into expansion joints and control joints, as these should be preserved with tape or other means.

FINISHING: For a textured finish, use a broom in complete strokes over the surface after SAKRETE FLO-COAT® stiffens but before final set. To build up the application thickness, use additional thin layers after each layer cures for 24 hours.

CURING: Curing means maintain proper moisture and temperature. Allow newly placed material to set until surface is hard to the touch. Under most conditions SAKRETE FLO-COAT® requires no special curing. When temperatures are above 32°C (90°F) spray with a fine mist for 24 hours. Protect from freezing for a minimum of 24 hours. Protect surface from rain for 8 hrs. Allow 28 days before applying paint.

TECHNICAL DATA: The data outlined below is representative of typical values achievable under controlled laboratory conditions. Results obtained in the field may vary from those stated.

Compressive Strength		MPa (psi)
	1d	6.9 (1000)
	7d	20.7 (3000)
	28d	31.0 (4500)

Yield:

1 bag 18.1kg (40lbs) (approximate yield)	6.7m ² at 2mm depth (72 ft ² at 1/16")
	1.7m ² at 6mm depth (18ft ² at 1/4")

Fast and Easy Calculations: 18.1kg (40lbs) bags required approximate

Area m ² (ft ²)	4.6 (50)	9.3 (100)	18.6 (200)
Topping 1.6mm (1/16") thick	1 bag	1.5 bags	3 bags
Topping 6.1mm (1/4") thick	3 bags	6 bags	11 bags
Remember to allow for waste and spillage			

LIMITATIONS:

- ⇒ Make a small test patch prior to application to ensure familiarity with the product and that site requirements are met for placing SAKRETE FLO-COAT®.
- ⇒ Exceeding the maximum recommended water content per sack will result in inferior physical properties.
- ⇒ Liability for damages or defective goods shall be limited to the refund of the purchase price or replacement.

PACKAGING: SAKRETE FLO-COAT® is packaged in 18.1kg (40 lbs) triple lined paper bags. All Basalite Dry Mix can be custom packaged to suit specific project requirements.

SAFETY PRECAUTIONS: Normal safety wear such as rubber gloves, dust mask and safety glasses, used to handle conventional cement-based products, should be worn. Safety Data Sheets are available online at www.basalite.ca.