

DESCRIPTION: SAKRETE[®] SAND MIX is a pre-blended mix of concrete sand and Type GU Portland cement. It is suitable for general repair of existing concrete surfaces. SAKRETE[®] SAND MIX is designed to meet the physical requirements of ASTM C387 for high strength mortars.

USES: SAKRETE[®] SAND MIX is recommended for the re-surfacing of rough or old concrete foundations, floors, retaining walls, sidewalks, patio slabs or driveways where the thickness required is between 1.5cm (1/2 inch) and 5cm (2 inches). SAKRETE[®] SAND MIX is excellent mortar bed for slate or stone installations but is not recommended for laying brick or block.

PROCEDURES:

SURFACE PREPARATION: All surfaces to be in contact with SAKRETE[®] SAND MIX must be entirely free from oil, grease or any other foreign substances which interfere with the bond and chemical action of the material. Roughen the exposed surfaces and clean thoroughly with potable water, leaving the concrete saturated but free of standing water.

MIXING: Empty the entire dry contents into a wheelbarrow or onto a clean, smooth surface and mix thoroughly. Replace the portion not to be used back into the bag. Form a depression in the middle of the dry mix and add up to 3.1 liters (3.2 US quarts) of water per full bag. Mix thoroughly. If the mix is too stiff add more water until the desired consistency is obtained. Avoid a "soupy" mix, too much water will weaken the concrete. In cold weather, use warm water to accelerate the set. Protect from freezing.
Mix SAKRETE[®] SAND MIX to a dry pack consistency for use as a mortar bed.

PLACING: Place SAKRETE[®] SAND MIX uniformly - tamping and spading with a short-handled, square-end shovel to compact firmly and eliminate voids and honeycombing.

FINISHING: Level the work with a straight edged board, using a sawing motion across the concrete. Using a wood float, level off any remaining ridges and/or imperfections. Do not overwork the surface. After leveling, allow the concrete to harden so that a foot will leave only a slight imprint. The concrete may now be broomed, floated or trowel finished as desired. Use edging tools.

CURING: SAKRETE[®] SAND MIX should immediately be protected from premature drying by covering it with a plastic sheet or plywood for 24 hours. Care should be taken not to disturb the surface finish. Allow it to set one day, then keep it moist for at least three days.

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 (minimum) | |
|-----------------------------------|------------------------|
| 7 day | 20.7 MPa (3000psi) |
| 28 day | 34.5 MPa (5000psi) |
| Working Time | 1 hour |
| Density | 2200 kg/m ³ |
| Flow | 110 ± 5 % |

YIELD:

One 25 kg (55 lbs) sack yields 0.013 m³ (0.46 ft³). One 25 kg (55 lbs) sack will cover 1.0m² (11 ft²) at a thickness of 1.5cm (1/2 inch).

LIMITATIONS:

Adhering to recommended water additions is very important. Exceeding the maximum recommended water content per sack will result in inferior physical properties.

SAKRETE[®] SAND MIX will not bond well to wood, asphalt, or any other foreign surfaces.

A bonding agent is recommended for maximum adhesion to old concrete surfaces.

SAKRETE[®] SAND MIX is not fast setting. For a fast setting mix, use BASALITE FAST PATCH.

For applications requiring thickness under 1.5 cm (1/2 inch) use BASALITE TOP 'N BOND.

Liability for damages or defective goods shall be limited to the refund of the purchase price or product replacement.

PACKAGING:

SAKRETE[®] SAND MIX is packaged in 25 kg (55 lbs) paper bags. All Basalite Dry Mix can be custom-packaged to suit specific project requirements.

SAFETY PRECAUTIONS:

SAKRETE[®] SAND MIX contains Portland cement. Normal safety wear such as rubber gloves, dust masks and safety glasses, used to handle conventional cement-based products, should be worn. Safety Data Sheets are available at www.basalite.ca.