



SAKRETE MASON-CRAFT

SAKRETE mason-craft is a pre-blended, pre-packaged, Type O Mortar, specifically designed for use in repointing and non-load-bearing wall applications. This mortar is a blend of Portland cement, Type S hydrated lime, masonry sand and other carefully selected components. SAKRETE mason-craft conforms to ASTM C 270 for Type O Mortar, with the addition of water. It is grey in colour, but can also be blended with a variety of colouring agents.

FEATURES & BENEFITS

- High bond strength
- Breathability allows mortar to shed water
- Superior workability
- Self-healing capabilities for small movements or cracks in masonry applications
- Pre-blended, ensuring consistency from the first batch to the last
- All KING products are manufactured using ISO 9001:2015 Certified Processes

USES

- Repointing
- Indoors or outdoors, for any other masonry application where low strength and superior workability is required

READ ALL DIRECTIONS BEFORE STARTING WORK. ATTENTION: WEAR GLOVES, SAFETY GLASSES AND PROTECTIVE CLOTHING!

PROCEDURES

Mixing: For best results, add a maximum of 145 mL (5.0 oz) of clean water per 1 KG (2.2 lb) of SAKRETE mason-craft, into the mixer. Gradually add SAKRETE mason-craft to water and mix with either a paddle-mixer or drill-mixer. Operate until the mix is heavy-bodied enough to retain its shape when fashioned, by hand, into a ball. Wait approximately 30 minutes before the application. It is important to mix the entire contents of the pail.

Placing: Clean the area to be repaired, removing all loose material, at a thickness corresponding to 2 times the thickness of the joint. Moisten the area to be repaired with potable water, leaving the old masonry unit saturated but free of standing water (SSD). Place SAKRETE mason-craft into the joint in successive layers, to a maximum depth of 6 mm (¼ inch). Compact well and let dry slightly before adding additional layers. Tool the joints prior to the final set-time, in order to optimize carbonation.

CURING

Curing is essential to optimize the physical properties of the mortar. Curing is performed by using a wet-cure that must start from the initial set of the mortar, and continue for a period of 3 days.

TECHNICAL DATA

The following data is representative of typical values achievable under laboratory conditions, according to ASTM C 270 for Type O Mortar. Results in the field may vary.

COMPRESSIVE STRENGTH

28 Day 2.4 MPa (350 psi)

FLOW

110% +/- 5%

AIR CONTENT

14% Maximum

WATER RETENTION

75% Minimum

VAPOUR TRANSMISSION

ASTM E-96 25 Perms

BOND STRENGTH

CSA A 23.2-6B 0.75 MPa (110 psi)

OPTIMUM PERFORMANCE

- SAKRETE mason-craft should not be used where Type N Mortar or Type S Mortar is specified
- For applications requiring conventional Type N Mortar, please refer to SAKRETE Mortar Mix, Type N; for applications requiring conventional Type S Mortar, please refer to SAKRETE Mortar Mix, Type S
- 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
- SAKRETE mason-craft should be moist-cured for a period of 3 days
- Never use on-site admixtures to modify setting time, workability, or any other properties of plastic or hardened mortar
- Use only the recommended water content to achieve the desired plastic and hardened mortar properties

YIELD

2 KG (4.4 lb) pail contains approximately 0.0012 m³ (0.04 ft³) of fresh mortar, or enough to repoint approximately 3 linear metres (10 ft).

PACKAGING

2 KG (4.4 lb) plastic pail

UPC

055226011026

STORAGE AND SHELF LIFE

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



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SAFETY PROCEDURES

SAKRETE mason-craft contains Portland cement and lime. 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 upon request.

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. For emergency information call CHEMTREC at 800-424-9300.

WEBSITE

For more information and other projects, visit us at 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.0003_07/18/19]

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