



SAKRETE MORTAR MIX, TYPE S

FOR LOAD-BEARING WALLS REQUIRING HIGH COMPRESSIVE STRENGTH. SAKRETE Mortar Mix, Type S should not be used where Type N Mortar is specified. For applications requiring conventional Type N Mortar, please refer to SAKRETE Mortar Mix, Type N.

SAKRETE Mortar Mix, Type S is a pre-blended, ready-to-use, Type S Mortar specifically designed for use with concrete blocks, hard brick, or stone. This mortar is a blend of cementitious material, masonry sand and other carefully selected components. SAKRETE Mortar Mix, Type S conforms to CSA A179-14 for Type S Mortar when used as directed. This product is grey in colour but can also be blended with a variety of colouring agents.

FEATURES & BENEFITS

- Economical
- High compressive strength
- Superior bond strength
- Excellent resistance to freeze-thaw cycles
- Pre-blended, ensuring consistency

USES

- Foundation walls, retaining walls, manholes or sewers
- Parapet walls and masonry applications subject to high saturation levels such as chimneys and free-standing boundary walls
- Indoor applications, outdoor applications, or for any other masonry application where load-bearing walls require a high compressive strength
- Above or below grade construction
- Block tuck pointing

READ ALL DIRECTIONS BEFORE STARTING WORK.

PROCEDURES

Mix and substrate temperatures should be maintained between 5 °C (40 °F) and 30 °C (86 °F) for at least 24 hours prior to and 48 hours after.

Surface Preparation: When laying new block walls, first construct a sound footing below the frost line.

Mixing: Empty contents of bag into mortar box, wheelbarrow or mechanical mixer. When mixing by hand, form a crater for adding water. Add approximately 4 L (4.25 qts) of clean water per 30 KG (66 lb) bag or enough to achieve a workable mix. Avoid a soupy mix. Excess water reduces strength and durability and can cause cracking. In cold weather, use warm water to accelerate the set. In hot weather, use cold water to slow the set. Re-tempering mix impairs performance.

Placing:

New construction; laying blocks: Before setting bricks in position on mortar bed, butter end with mortar. Tap into place and be sure to level.

Repairing:

Repointing: When repairing mortar joints or stucco, remove all loose and foreign material. Dampen areas to be repaired just prior to application. Use less water than recommended to create a stiffer mix to facilitate placing mortar. Apply mortar with a pointing trowel and compact.

Finishing: Allow the newly placed material to set for about 1 hour, until the surface is thumb-print hard, before striking with a jointer tool.

CURING

In hot weather, lightly dampen the material as needed to promote adequate curing. In cold weather, adequately cover and protect from freezing for a minimum of 48 hours.

TECHNICAL DATA

Set Time:	Initial: 4 hours	Final: 6 hours
CSA A179-14	LAB	JOB-SITE

Compressive Strength:

Minimum Required by CSA A179

7 Day	7.5 MPa (1090 psi)	5 MPa (725 psi)
28 Day	12.5 MPa (1810 psi)	8.5 MPa (1230 psi)

PAINTING

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

YIELD

30 KG (66 lb) contains approximately 0.018 m³ (0.65 ft³) of fresh mortar.

With a 10 mm (3/8") joint, 30 KG (66 lb) yields approximately:

- 12 blocks: 15 cm (6") x 20 cm (8") x 30 cm (12"), or
- 33 bricks: 6.5 bricks per 0.10 m² (1 ft²)

PACKAGING

30 KG (66 lb) bag

UPC

055226120667

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.



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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 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.0004_07/18/19]

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