



How to.....

Repair Mortar Joints using **SAKRETE mason-craft,** **SAKRETE Mortar Mix, Type N** or **SAKRETE Mortar Mix, Type S**

Masonry mortar joints that deteriorate, crack, loosen or fall out, should be repaired. KING offers three concrete products to facilitate these repairs. **SAKRETE mason-craft, SAKRETE Mortar Mix Type N** or **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. Ready-to-use; just add water!

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

ATTENTION: WEAR GLOVES, SAFETY GLASSES AND PROTECTIVE CLOTHING!

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.

STEP 1: Surface Preparation: When laying new block walls, first construct a sound footing below the frost line.

STEP 2: 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.

STEP 3: 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.

STEP 4: 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.

STEP 5: 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.

Tips for repairing mortar joints with SAKRETE Mortar Mix, Type S:

- 1) Remove loose mortar.
- 2) Dampen surface.
- 3) Avoid a soupy mix.
- 4) Use proper safety equipment (i.e. safety glasses, gloves, etc.).

For additional information, please refer to the Technical Data Sheet.



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