

MORTAR MIX TYPE S

◆ The Pro's Choice Since 1936



Sakrete® Type S Mortar/Stucco Mix is a preblended mixture of sand and masonry cement or sand, lime and portland cement. For laying brick, block and stone in load bearing walls and below grade applications. Build walls, planters, and chimneys. For tuck pointing or repairing existing mortar joints. Can also be used for scratch, brown and finish of walls. Meets property requirements of ASTM C270 and C1714.

Features:

- High Strength >1,800 psi
- Meets property requirements of ASTM C1714 and ASTM C270
- Ideal for projects requiring structural strength for brick and block foundations.
- Applications from 1/4" (6 mm) to 1/2" (12 mm)
- Can be color pigmented with the Sakrete Cement Colors

Use For:

- Laying brick or block
- Scratch and brown coat in stucco applications
- Above and below grade applications
- Masonry parge or finish coating
- Interior or exterior
- Brick and block tuck pointing

Yield/Water/Coverage:

Bag Size	Yield: For laying brick, block, or cultured stone	Yield: For stucco	Water
40 lb (18.1 kg)	Will lay 6 = 8" (200 mm) concrete block, 18 standard bricks or 5 ft ² (0.5 m ²) of cultured stone	Will cover 35 ft ² (3.3 m ²) at 1/8" (3.2 mm) thick	2.6 qt (2.5 L)
60 lb (27.2 kg)	Will lay 9 = 8" (200 mm) concrete block, 26 standard bricks or 7.5 ft ² (0.7 m ²) of cultured stone	Will cover 50 ft ² (4.3 m ²) at 1/8" (3.2 mm) thick	4.0 qt (3.8 L)
80 lb (36.3 kg)	Will lay 12 = 8" (200 mm) concrete block, 35 standard bricks or 10 ft ² (1.0 m ²) of cultured stone	Will cover 70 ft ² (6.4 m ²) at 1/8" (3.2 mm) thick	5.3 qt (5 L)

Note: Yield and water are approximate. The yield above does not allow for waste and spillage.

Technical Data:

Compressive Strength ASTM C270 28 day= >1800 psi

Water Retention >75%

Testing: Mortar should be tested in the field by ASTM C780, standard test method for preconstruction & construction evaluation for mortar for plain & reinforced unit masonry. Due to the procedure differences between ASTM C270

& ASTM C780, the compressive strength values resulting from field sampled mortar are not required nor expected to meet the minimum compressive strengths of the property specifications of ASTM C270 as tested in controlled laboratory conditions.

DIVISION 4
Masonry Mortaring – 04 05 13

Color:

- Gray

Preparation/Application:

For best results all materials should be stored between 40°F (4°C) and 80°F (27°C) 24 hours prior to installation.

Refer to:

- ACI 530.1 Specification for Masonry Structures
- International Masonry Industry All-Weather Council (IMIAC)
 - Recommended Practices and Guild Specifications for Cold Weather Masonry Construction
 - Recommended Practices and Guide Specifications for Hot Weather Masonry Construction

New Construction:

When laying brick or block, construct a sound footing above grade. Consult with your local building codes before proceeding. For more information visit Sakrete.com

1. Apply a full bed of mortar onto the base where the brick or block will be placed.
2. When laying brick or block butter the end with mortar before placing into the full bed of mortar.
3. Tap into place while leveling.
4. Tool joints once the mortar has set up enough and is thumb print hard.

Tuck Pointing:

1. Place mortar into the joint with a tuck pointing trowel or grout bag.
2. Use the tuck pointing trowel to tool the joint and compact for a tight neat appearance.

Scratch/Brown/Stucco:

1. Application over masonry must follow ASTM C926 Standard Specification for Application of Portland Cement Based Plaster.
2. Applications over lath must follow ASTM C1063 Standard Specification for Installation of Lathing and Furring to receive interior and exterior Portland cement based plaster.
3. Apply material using a trowel and masonry hawk using enough pressure to compact the material.
4. Texture stucco to match the surrounding area using a plasterer's trowel or finish to desired texture.

NOTE: Check with local building code requirements for proper installation guidelines

Mixing:

1. Empty contents of Sakrete Type S Mortar/Stucco Mix into a wheelbarrow or mortar pan forming a crater in the center of the dry mix for the addition of



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clean potable water. Projects requiring multiple bags are mixed much easier with a mechanical mixer.

2. Add clean potable water (see table for water amounts) or enough to achieve a workable mix. Add additional water if needed. A SOUPY MIX MUST BE AVOIDED.
3. Excess water reduces strength and durability and can cause cracking, dusting or scaling.
4. Re-tempering impairs performance.

Curing:

1. Proper curing is critical for sound results. Curing means maintaining proper moisture and temperature. The material must be kept continuously moist for several days.
2. In hot or windy conditions keep the mortar/stucco damp to promote proper curing.
3. Drape plastic over the wall to help retain moisture.
4. If surface begins to appear dry remove the plastic moisten the surface and replace the plastic.

Can be painted: Using an alkali resistant lime proof paint usually after 7 days of the stucco application provided the masonry is dry. Contact paint manufacturer for application recommendations.

Precautions:

Air, mix and substrate temperatures should be between 40°F (4°C) and 90°F (32°C) and no rain in the forecast within 24 hours of application. For applications outside this range of temperatures and conditions, contact Sakrete Technical Service.

- Colder temperatures or higher humidity conditions will retard set times.
- Use only clean mixing container and tools.
- Do not over trowel.
- Do not overwater.
- Do not add any materials other than clean potable water or Sakrete Bonder and Fortifier. See Technical Data Sheet for mixing instructions.
- Protect from freezing for 24 hours.

NOTE: Proper application and installation of all Sakrete products are the responsibility of the end user.

Safety:

DANGER

HAZARD STATEMENTS: Harmful if swallowed. Causes skin irritation. Causes serious eye damage. May cause an allergic skin reaction. May cause cancer. May cause respiratory irritation. Causes damage to organs through prolonged or repeated exposure.

Precautionary statements: Do not eat, drink or smoke when using this product. Wash hands thoroughly after handling. Contaminated work clothing must not be allowed out of the workplace. Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Wear protective gloves/protective clothing/eye protection/face protection. Use only outdoors or in a well-ventilated area. Do not breathe dust. If swallowed: Immediately call a poison center/doctor. Rinse mouth. If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Immediately call a poison center/doctor. If on skin: Wash with plenty of water. Take off contaminated clothing and wash it before reuse. If skin irritation or rash occurs: Get medical advice/attention. If inhaled: Remove person to fresh air and keep comfortable for breathing. Call a poison

center/doctor if you feel unwell. Store locked up. Store in a well-ventilated place. Keep container tightly closed. Dispose of contents and container in accordance with all local, regional, national and international regulations.

⚠ **WARNING: Cancer and Reproductive Harm – www.P65Warnings.ca.gov.**

KEEP OUT OF THE REACH OF CHILDREN AND ANIMALS.

For additional information, call the manufacturer at 866-725-7383 or Chemtrec at 800-424-9300 or 703-527-3887 outside of USA. Refer to Safety Data Sheet (SDS) for further information.



Limited Product Warranty:

The manufacturer warrants that this product is free from defects in material and workmanship and will perform per the manufacturer product literature in effect at the time of purchase. This warranty is for one (1) year from the date of purchase. Any implied warranty of merchantability or fitness for a particular purpose is limited to the duration of this express warranty. This warranty applied only if the product is used, in strict accord with manufacturer published instructions. The sole and exclusive remedy under this warranty is replacement of the defective product or refund of the purchase price, at manufacturer's option. CONSEQUENTIAL, SPECIAL, AND INCIDENTAL DAMAGES ARE NOT RECOVERABLE UNDER THIS WARRANTY. All claims under this warranty must be submitted to manufacturer by calling 866-725-7383. This warranty gives you specific legal rights, and you may also have other rights which vary from state to state.

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