



MORTAR MIX Pre-Blended Mortar Type S

SGM Mortar Mix is a computerized blend of special high strength masonry cement, proprietary admixtures and sand, developed to produce a consistent quality mix from batch to batch eliminating costly job-site mixing of these components. SGM Mortar Mix is conveniently packaged in 60 lb (27.2kg) and 80 lb (36.3kg) 4-ply polyethylene lined bags and custom palletized for easy handling and movement on the job-site. Use for laying block, stone, brick, tuck-pointing, scratch, brown or finish coat stucco. Mortar Mix is ideally suited for use as a substrate for hard surface flooring both interior and exterior applications.

Recommended for use on: Block, Masonry, Brick, Tuck Pointing, Stucco, Plaster, Parge Coats, Underlayments, Stone and Cultured Stone.

MANUFACTURER:

SGM, Inc.
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TECHNICAL DATA:

APPLICABLE STANDARDS

ASTM International (ASTM)
COMPLIES WITH BOTH ASTM C270 & ASTM 387

Test Results Chart			
Mortar	Ave. Compressive Strength Minimum psi (MPa)	Water Retention Maximum %	Air Content Maximum %
Type M	28 days 2600 (17.2)	75	12
Type S	28 days 1900 (12.4)	75	12
Type N	28 days 750 (5.2)	75	12

Applicable Installation Standards:

To date, no specifications have been industry approved. Our material is tested and certified by independent laboratories. All data is given in good faith, however, we reserve the right to change products and specifications without notice. SGM advises interested parties to satisfy themselves as to the accuracy of any data and seek certification if appropriate.

INSTALLATION SURFACE PREPARATION:

Concrete And Plaster Surfaces:

All masonry should be 28 days cured and shall be structurally sound, clean and free of any moisture, wax, oil, paint particles, curing agents or foreign matter. Remove any liquid curing agents or concrete sealers, followed by a clear water wash.

MIXING:

Using a clean mortar box or mechanical mixer, add sufficient cool clean potable water to desired, plastic like, consistency. For additional strength and performance add Southcrete 25 Acrylic Mortar admix in lieu of water. Do not re-temper mortar mix, discard and prepare fresh mix. Machine mixing is preferred. **Note:** All cement based products have potential for efflorescence to materialize. This whitish powder or crystalline deposit may become visible before, during or after an installation is completed. Water with a high mineral content can also cause efflorescence

DIRECTIONS:

READ ENTIRE LABEL AND PIS/MSDS BEFORE USING.

WARNING:

Product is alkaline on contact with water. Use paddle for mixing to avoid splashing into eyes or contact with skin. During mixing or application avoid contact with eyes. In case of such contact, flood eyes repeatedly with water and CALL PHYSICIAN. Wash thoroughly after handling and before smoking or eating. Do not take internally. CONTAINS FREE SILICA DO NOT BREATHE DUST. Prolonged exposure to dust may cause delayed lung disease (Silicosis). **WARNING:** This product can expose you to chemicals including silica, which is known to the State of California to cause cancer. For more information go to www.P65Warnings.ca.gov. Wear NIOSH approved mask for Silica dust. KEEP OUT OF REACH OF CHILDREN.

APPLICATION:

Follow manufacturers suggested installation methods. All materials and effected areas should remain above 40°F (4.4°C) or below 100°F (38°C) 24 hrs. Prior and 72 hrs. after placement.

CLEANING:

Water is all that is required to remove uncured mortar.

COVERAGE:

For setting block:		
Bag Size	Standard Blocks 8" x 8" x 16" (200mm x 200mm x 410mm)	Standard Bricks 8" x 2" x 4" (200mm x 50mm x 100mm)
60lb (27.2 Kg)	9	28
80lb (36.3 Kg)	12	37

For thick-bed underlayment:		
Bag Size	Square feet @ 1/2"	Square feet @ 1"
60lb (27.2 Kg)	12	6
80lb (36.3 Kg)	16	8

SHELF LIFE:

Up to one year from date of manufacture in unopened properly store container.

AVAILABILITY AND COST:

Availability: SGM, Inc has manufacturing and distribution inventory facilities throughout the United States and abroad, allowing for timely deliveries. Contact SGM, Inc for local availability. **Packaging:** multi-ply heavy-duty lined bag, net wt. 60 lb. (27.24kg) and 80 lb. (36.3kg) bags. **Cost:** Mortar Mix is competitively priced. For specific price information, contact SGM, Inc.

WARRANTY:

SGM Inc. warrants this product will perform in accordance with its intended use for a period of one year from the date of manufacture. Any claim for defective product must be submitted in writing to SGM Inc. and samples of defect must be provided. EXCEPT AS PROVIDED HEREIN, SGM INC. MAKES NO

OTHER REPRESENTATION OR WARRANTY OF ANY KIND, INCLUDING ANY WARRANTY OF MERCHANTABILITY OR FITNESS FOR PARTICULAR PURPOSE. IN NO EVENT SHALL SGM INC. BE LIABLE FOR DAMAGES OF ANY KIND OR NATURE, WHETHER ARISING BY CONTRACT, TORT OR OTHERWISE. SGM INC.'S SOLE OBLIGATION WILL BE TO REPLACE ANY PRODUCT DETERMINED BY SGM INC. TO BE DEFECTIVE.

MAINTENANCE:

None is required

TECHNICAL SERVICES:

Technical assistance, including more detailed information, product literature, test results, project list, samples, assistance in preparing project specifications and arrangements for job site inspection and supervision, is available by contacting Technical Services Department.

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