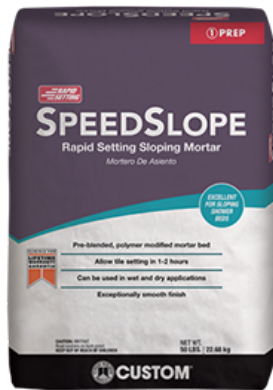


CUSTOM® SpeedSlope® - Rapid Setting Sloping Mortar



1. Product Name

CUSTOM® SpeedSlope® - Rapid Setting Sloping Mortar

2. Manufacturer

Custom Building Products
Technical Services
10400 Pioneer Boulevard, Unit 3
Santa Fe Springs, CA 90670
Customer Support: 800-272-8786
Technical Services: 800-282-8786
Fax: 800- 200-7765
Email: contactus@cbpmail.net
custombuildingproducts.com

3. Product Description

SpeedSlope® is a polymer-modified, fast-setting high strength cementitious mortar bed that can be smoothly applied both horizontally and vertically. It is dimensionally stable and durable in wet and dry environments for multi-use applications.

Key Features

- Allows for natural stone and ceramic tile flooring installation in as little as 1-2 hours
- Leveling and ramping up to 3" on horizontal substrates; up to 5" thick in confined areas such as trenches
- May also be used for walls, countertops, shower pre-slopes, and deep floor patches
- 4:1 blended cement base suitable for shower receptors

Suitable Substrates

- Interior or exterior concrete and masonry surfaces
- Existing finishes and substrates with suitable preparation or priming
- Exterior grade plywood with lath (dry applications only)
- RedGard SpeedCoat® Rapid Curing Waterproofing Membrane
- RedGard® Waterproofing and Crack Prevention Membrane
- WonderBoard® Lite, cement backerboard units

Limitations to the Product

- SpeedSlope® is an underlayment and not recommended as a permanent wear surface
- Limited to ~30 minutes of working time (roughly 3' x 5' area per placement)
- Some flooring finishes may require longer cure times to obtain lower moisture levels
- Do not apply directly over wood, metal*, fiberglass, plastic

and OSB panels*, lightweight concrete, gypsum underlayment, particle board, hardwood or Parquet floors.

- *May be installed with use of primers or membranes over these substrates

Packaging

50 lb (22.68 kg) Bags

4. Technical Data

Applicable Standards

American National Standards Institute (ANSI)

- ANSI A108.1 of the American National Standards for the Installation of Ceramic Tile

ASTM International (ASTM)

- ASTM C579 Standard Test Method for Compressive Strength of Hydraulic Cement Mortars (Using 2-in. or [50-mm] Cube Specimens)
- ASTM C627 Standard Test Method for Evaluating Ceramic Floor Tile Installation Systems Using the Robinson-Type Floor Tester

Resilient Floor Covering Institute (RFCI)

- Recommended Work Practices for Removal of Resilient Floor Coverings

Tile Council of North America (TCNA)

- TCNA Handbook for Ceramic Tile Installation, TCNA Method EJ171

Technical Chart

Test	Specification	Duration	2.75 Qts	3.75 Qts
Compressive Strength (psi)	ASTM C579 Method B	4 Hours	>1800 psi	>1200 psi
		24 Hours	>2500 psi	>1500 psi
		7 Days	>4000 psi	>2500 psi
		28 Days	>4000 psi	>3000 psi

Density 4.4-5.2 lbs per foot at ½" thick

Packaging 50 lbs. (22.68 Kg) bags

Environmental Consideration

Custom® Building Products is committed to environmental responsibility in both products produced and in manufacturing practices. Use of this product may contribute to LEED® certification.

5. Instructions

General Surface Prep

Surfaces must be structurally sound, clean, dry and free from grease, oil, dirt, curing compounds, efflorescence, sealers, adhesives or any other contaminant that would prevent a good bond. Glossy or painted surfaces must be sanded, stripped and cleaned of waxes, dirt or any contaminants. Concrete must be cured 28 days and accept water penetration. Concrete must not be subject to hydrostatic pressure. Concrete slabs should have a broomed or brushed finish or be mechanically prepared to enhance the bond. Plywood flooring must be structurally sound and meet all ANSI and deflection requirements. Expansion joints should never be bridged with setting or mortar bed materials. Do not sand flooring materials containing asbestos. Ambient temperature, surfaces and materials

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should be maintained at a temperature above 50° F (10° C) or below 90° F (32° C) for 72 hours.

Bonding To Concrete Surfaces

Mortar Beds Follow ANSI A108.1 B for the installation of ceramic tile with thick bed mortar. Note: Drying or curing time is affected by ambient and surface temperatures and humidity. For a bonded mortar bed dry-pack application, SpeedSlope® must be bonded with a slurry/scrub coat consisting of 1/4 bag (12.5 lbs) of SpeedSlope® mixed with 1qt of water. DO NOT USE ANY TYPE OF THIN SET ADHESIVE MORTAR AS A BOND COAT TO THE SUBSTRATE WHEN USING SPEEDSLOPE®. Work the SpeedSlope® bond coat into the substrate and spread to a $\frac{1}{8}$ " thickness, then immediately compact the SpeedSlope® dry-pack mixture (2.5-3.0qts water to 50lb mortar) into the bond coat and tamp well to combine. Contour and smooth trowel SpeedSlope® to finish. For non-bonded mortar-bed applications, compact SpeedSlope® dry-pack mix directly onto cleavage membrane. Contour and smooth trowel to finish. Use 16 gauge, 2"x2" galvanized welded wire-reinforcing per ANSI A108 recommendations and when required in TCNA installation details. For large applications, contact Technical Services for valuable tips and questions on installing a rapid-setting mortar bed. **Shower Receptor Installation Membrane, Mortar Bed & Circular Drain**



Related Products

RedGard® SpeedCoat® Waterproofing Membrane
Skim Coat & Patch Cement Underlayment
SpeedFinish™ Patching & Finishing Compound
CustomFloat® Bedding Mortar

Coverage Chart

50 lbs (0.5 cu ft) will cover 5 ft² @1" thickness Five to six 50lb bags will complete a mortar bed for 3'x5' shower base