

SimpleSet® Pre-Mixed Stone, Porcelain & Ceramic Tile Thin-Set Mortar

1 Product Name

SimpleSet® Pre-Mixed Stone, Porcelain & Ceramic Tile Thin-Set Mortar

2 Manufacturer

Custom® Building Products

3 Product Description

A no-mix, no-mess alternative to traditional thin-set mortars spreads quickly and easily. Bonds porcelain, stone, marble, granite and ceramic tile up to 18" x 18" (45 x 45 cm). For interior wall and floor installations. Exceeds ANSI A136.1 Type I.

Suitable Tile Types

- Porcelain
- Marble, granite, stone
- Ceramic, mosaic
- Quarry tile

Suitable Substrates

- For interior use only
- Suitable for wet areas such as tub surrounds and shower walls.
- Concrete, masonry
- Plaster, gypsum wallboard (dry areas)
- WonderBoard®, cement backerboards
- Exterior Grade Plywood (dry areas)
- Existing ceramic tile
- Vinyl flooring

Limitations to the Product

- Do not bond tile directly to lightweight concrete, gypsum surfaces, hardwood, Luan plywood, particle board, parquet, cushion or sponge-back vinyl flooring, metal, fiberglass, plastic or OSB panels. Contact Technical Services.
- Do not use on shower floors or areas exposed to prolonged water exposure or steam.
- Do not use to install fixtures, ungauged stone tile, Saltillo pavers or glass tile.
- Do not use to install backerboards to subfloors, over a waterproof membrane or to install heating mats or coils. We recommend using a Custom® polymer-modified mortar.
- When setting moisture sensitive stone, tile or agglomerates use EBM-Lite™ Epoxy Bonding Mortar 100% Solids.
- Do not use as a floor leveler. If floor is uneven use a LevelQuik® or LevelLite® Self Leveling Underlayment.

Packaging

- 1 gallon (3.78 L) pail
- 3-1/2 gallon (13.25 L) pail



4 Instructions

General Surface Prep

Surfaces must be structurally sound, clean, dry and free from grease, oil, dirt, curing compounds, 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. Surfaces and materials should be maintained at a temperature above 50° F (10° C) or below 100° F (38° C) for 72 hours.

Bonding to Cement Surfaces

Concrete or plaster must be fully cured and accept water penetration. Test by sprinkling water on various areas of the substrate. If water penetrates, then a good bond can be achieved. If water beads, surface contaminants are present and loss of adhesion may occur. The contaminants should be removed before installation. Concrete must be free of efflorescence and not subject to hydrostatic pressure. Concrete slabs should have a broomed or brushed finish to enhance the bond. Smooth concrete slabs must be roughened to ensure a good bond.

Bonding to Plywood Surfaces

Plywood floors including those under resilient flooring must be built to industry standards (no flex or movement). For questions about proper subfloor installation, call Technical Services.

Bonding to Wonderboard Backerboards

As an alternative to an additional layer of plywood, WonderBoard® Backerboard may be installed over plywood subfloors. Refer to TCNA F144.

Bonding to Existing Surfacing Material

Plywood flooring must be structurally sound and meet all ANSI and deflection requirements. Resilient flooring or plastic laminates must be well-bonded, clean and free of all contaminants. Roughen the surface by sanding or scarifying, rinse and allow to dry. Do not sand flooring containing asbestos. For existing well-bonded ceramic tile, mechanically abrade with carborundum stone. Rinse and allow to dry. When sanding we recommend the use of an approved respirator.

Expansion Joint placement

Expansion joints, control joints and cold joints should never be bridged with setting material. They must be brought through the tile work and filled with an appropriate elastomeric sealant.



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Application of Product

Installation to conform to ANSI A108.4. Using flat side of trowel, apply skim coat of mortar. Immediately apply additional mortar with notched side of trowel held at a 45° angle to the surface, combing in one direction. Press tile firmly into place in a perpendicular motion across ridges moving back and forth. Perpendicular pressing flattens ridges and closes valleys allowing maximum coverage. With some tile, back-buttering is advisable. Adjust tile promptly and beat in with a beating block and rubber mallet. Periodically pull up a tile and check the back to ensure complete coverage with the mortar. Do not apply more adhesive than can be covered with tile in 30 minutes. If mortar starts to skin over (not sticky), retrowel before setting tile.

Cleaning of equipment

Remove fresh mortar from tile surfaces with a damp cloth. Clean tools in warm, soapy water.

Health Precautions

Contains Petroleum Distillates. If ingested, do not induce vomiting. Call a physician immediately. Use with adequate ventilation. Nonflammable. KEEP OUT OF REACH OF CHILDREN. DO NOT TAKE INTERNALLY. KEEP FROM FREEZING.

5 Availability & Cost

Product Name	Location	Item Code	Size	Color	Package
SimpleSet™ Pre-Mixed Stone, Porcelain & Ceramic Tile Thin-Set Mortar	USA	STTSW1	1 gallon (3.78 L)	White	Pail
	USA	STTSW3	3-1/2 gallon (13.25 L)	White	Pail
	Canada	CSTTSW1	1 gallon (3.78 L)	White	Pail
	Canada	CSTTSW3	3-1/2 gallon (13.25 L)	White	Pail

6 Product Warranty

Custom® Building Products warrants to the original consumer purchaser that its product shall be free from defects in material and workmanship under normal and proper usage for a period of one year following the date of original purchase. Custom's® sole liability under this warranty shall be limited to the replacement of the product. Some states, countries or territories do not allow the exclusion or limitation of incidental or consequential damages, so the above limitation or exclusion may not apply to you. This warranty will not extend to any product which has been modified in any way or which has not been used in accordance with Custom's® printed instructions. Custom® makes no other warranties either expressed or implied. This warranty gives you specific legal rights, and you may have other rights that vary from state to state or from one country/territory to another. Click for details and complete [warranty information](#).

7 Product Maintenance

Properly installed product requires no special maintenance.

8 Technical Services Information

For technical assistance, contact Custom® Building Products.

9 Filling System

Additional product information is available from the manufacturer upon request.

10 VOC Content

Complies with all Federal EPA and SCAQMD standards for VOC.

Related Products

Polyblend® Sanded Grout



CUSTOM®

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Coverage

SQUARE FOOT COVERAGE PER GALLON (SQUARE METER PER 3.78 L)		
Trowel Size	Min Coverage	Max Coverage
3/16" x 5/32" (5 x 4 mm) V-Notch for tile up to 6" x 6" (15 x 15 cm)	40 sq. ft. (3.7 M ²)	50 sq. ft. (4.6 M ²)
1/4" x 1/4" x 1/4" (6 x 6 x 6 mm) Square-Notch for tile up to 12" x 12" (30 x 30 cm)	25 sq. ft. (2.3 M ²)	35 sq. ft. (3.3 M ²)
1/4" x 3/8" x 1/4" (6 x 9.5 x 6 mm) Square-Notch for tile over 12" x 12" (30 x 30 cm)	20 sq. ft. (1.9 M ²)	25 sq. ft. (2.3 M ²)



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