

ANSI Material Specifications	Products	ANSI Installation Methods
Subsurface and Preparations by Other Trades	Floor drains, deflection, backing surfaces, waterproofing, concrete, masonry, lathing, gypsum board, movement joints	A108.01
Materials, Environmental and Workmanship	ANSI Methodology	A108.02
A118.1	Unsanded Thin Set	A108.1 A, B, C
A136.1	Southcrete 580 Multipurpose Mastic, Southcrete 555 Type 1 Adhesive	A108.4
A118.1	Premium Thin Set, Floor & Wall Thin Set, Southern Sanded Thin Set, Contractor's Choice Thin Set	A108.5
A118.4	Multi-Lite, Marble Set, Porcelain Set, Flex Set, Ultra-Crete, Fast Set, Contractor's Choice MP	A108.5
A118.3	EGS 100% Solids Mortar	A108.5
A118.11	Flex Set	A108.12
A118.4	Floor & Wall Thin Set gauged with Southcrete 28 Additive	A108.14
A118.4	Floor & Wall Thin Set gauged with Southcrete 28 Additive	A108.15
A118.4	Floor & Wall Thin Set gauged with Southcrete 28 Additive	A108.16

SGM Product	Coverage	Trowel Size
Sanded Thin Set Mortars	1.75 sq. ft. per lb. 1.5 sq. ft. per lb. 1 sq. ft. per lb.	1/4" x 1/4" 1/4" x 3/8" 1/2" x 1/2"
Unsanded Thin Set	6 sq. ft. per lb.	3/16"
Floor / Wall Adhesives	45-60 sq. ft. per gal. 35-50 sq. ft. per gal.	3/16" 1/4" x 1/4"
Modified Epoxy Mortar	80 sq. ft. per 1 unit 30-40 sq. ft. per 1 unit	1/8" x 1/8" 1/4" x 1/4"

ISO STANDARD CLASSIFICATION

Types	Class	SGM Product	Special Characteristics
C = Cementious (Thin set Mortars)	1 = Normal	Unsanded Thin Set - C1 Southern Sanded Thin Set - C1 Floor & Wall - C1	F = Fast Selling T = Slip Resistant E = Extended Open Time S1 = Deformable S2 = Highly Deformable P1 = Plywood Adhesion P2 = Improved Plywood Adhesion
	2 = Improved	Premium Thin Set - C1 Fast Set Thin Set - C1FP1 Flex Set Multipurpose - C2P1 Ultra Crete - C2S1P2 Multi Crete - C2EP1 Contractor's Choice - C2P1 Marble Set - C2P2T Porcelain Set - C2TES1P1 Multi-Lite - C2TES1P1	
D = Dispersion (Mastics)	1 = Normal	Southcrete 501 - D1TE	F = Fast Drying T = Slip Resistant E = Extended Open Time
	2 = Improved	Multi-Purpose Mastic - D1TE Southcrete 555 Type 1 - D1TE	
R = Reaction (Resins, Epoxies)	1 = Normal 2 = Improved	EGS System - R1	T = Slip Resistant



1502 SW 2nd Place
Pompano Beach, FL 33069

product guide to

SETTING MATERIALS

dynamically engineered materials to last a lifetime

“No matter what the surface, SGM is a solid foundation you can build on.”

SGM offers a wide variety of quality installation products for every step of the way. Each product serves a specific purpose in the installation process and is designed to give you the precise performance needed for your specific project. In short, SGM takes you from the beginning to the end of the installation process, putting your individual needs first.



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POLYMER MORTARS

MULTI-LITE

Multi-Lite is a premium, lightweight latex Portland cement mortar utilizing nanotechnology that can be used for medium bed and non-sag applications of ceramic, mosaic, quarry tiles and dimension stone tiles. This new technology is 40% lighter than traditional mortars.



PORCELAIN SET MORTAR - LHT

Porcelain Set Mortar is specifically designed for setting impervious porcelain, glass mosaic and large format tiles. This product is also ideal for radiant floor heating system installations.



MARBLE SET

The original medium bed Portland cement based mortar specially formulated to set pre-cut marble, granite and large ceramic tiles over concrete, exterior grade plywood, concrete block, glass mesh mortar units, cement plaster and other masonry surfaces. Marble set allows for mortar bed thickness from 3/16" to 3/4" after beat in. Meets ANSI 118.4. Packaging 50 lb./bag.



FLEX SET MULTI PURPOSE THIN-SET

Formulated for the installation of floor and wall tiles, over properly prepared exterior grade plywood, glass mesh mortar units and concrete surfaces. This mortar is to be used for installation requiring high performance and provides greater coverage with excellent handling characteristics. Meets ANSI 118.4, 118.11. Packaging 50 lb./bag.



ULTRA-CRETE MULTIPURPOSE THIN-SET

An economical latex Portland cement mortar designed for the installation of all types of tile over a variety of substrates. May be used for either floors or walls in both interior and exterior application where a Portland cement product is recommended. Meets ANSI 118.4. Packaging 50 lb./bag.



MULTI-CRETE™ ALL PURPOSE THIN-SET MORTAR

A commercial latex Portland cement mortar offers economy as an all purpose bonding mortar formulated for the installation of ceramic, mosaic, quarry tiles and dimension stone tiles (absorptive, semi-vitreous and vitreous).



CONTRACTORS CHOICE MULTI-PURPOSE

Contractors Choice polymer-modified latex Portland cement mortar is an economical, multi-purpose mortar formulated for the installation of ceramic, mosaic quarry and dimension stone tiles (absorptive, semi-vitreous and vitreous).

DRY SET MORTARS



FLEXIBLE FLOOR/WALL THIN-SET MORTAR SYSTEM

This superior mortar system is specifically formulated for the most demanding commercial and residential wall and floor installations. Our Southcrete 28 Flexible Mortar Additive maximizes the performance of Floor/Wall Thin-Set Mortar #726/#727 resulting in a flexible and long-lasting bond specifically for glass tile installations. Floor/Wall Thin-Set Mortar

meets ANSI 118.4. Packaging 10 lb./bag or 50 lb./bag. Southcrete 28 meets ANSI 118.4 when mixed with SGM thin-set mortars. Packaging is 1 gallon, 5 gallons and 55 gallon drum.



PREMIUM THIN-SET MORTAR

A premium dry set mortar, formulated with supreme working characteristics such as open time, pot life and coverage. Ideal for use in hot and dry climates. Meets ANSI 118.4. Packaging 25 lbs./bag, 50 lbs./bag.



SOUTHERN SANDED THIN-SET #737 | #738

For setting ceramic and quarry tiles (absorptive and semi-vitreous) as well as dimension stone on floor tile installations of low absorptive tile. Meets ANSI 118.1. Packaging 50 lb./bag.



FAST SET THIN-SET

Fast Set is a latex Portland cement mortar formulated to produce a rapid set time for the installation of ceramic mosaic, pavers, quarry and dimension stone (absorptive, semi-vitreous and vitreous) tiles.



UNSANDED THIN-SET 711

(Dry Set Mortar or Bond Coat) Unsanded Thin-Set is a Portland cement based concentrate specifically formulated for the installation of absorptive, semi-vitreous and vitreous tiles.



GLASS BLOCK MORTAR

A special blend of Portland cement, graded aggregates and proprietary additives formulated specifically for the installation of glass blocks. Computerized batching of raw material ensures a high quality mortar eliminating guesswork of job site mixes. Meets ASTM C-279 Type M Mortar. Packaging 50 lb./bag

LATEX ADDITIVES



SOUTHCRETE 25 ACRYLIC MORTAR ADDITIVE

An acrylic additive formulated for use as a direct replacement for water with any dry-set mortars and non-polymer modified Portland cement grouts and joint fillers. Southcrete 25 enhances all physical characteristics such as shear bond, compressive and flexural strengths. Packaging 1 gallon, 2.5 gallons, 5 gallons and 55 gallon drum.



SOUTHCRETE 28 ACRYLIC MORTAR ADDITIVE

A unique acrylic additive, which when added to SGM Premium Thin-Set or Fast Set Thin-Set creates a super flexible mortar that will bond to many "difficult to bond to" substrates and allows for minor crack bridging up to 1/16" in width. Meets ANSI 118.4 when mixed with SGM thin-set mortars. Packaging 1 gallon, 5 gallons and 55 gallon drum.

ADHESIVES



SOUTHCRETE 501 MARBLE ADHESIVE

A white non-staining adhesive which will bond marble, dimensions stone and large ceramic tiles over structurally sound, firm, dry surfaces such as gypsum wall panels, concrete, glass mesh mortar units and (APA) exterior grade plywood on interior surfaces. Packaging 1 gallon and 3.5 gallons.

MULTI-PURPOSE TILE MASTIC

A white acrylic latex adhesive will bond ceramic tiles to structurally sound, firm, dry surfaces such as gypsum wall panels, exterior grade plywood, concrete, glass mesh mortar units and old properly prepared floor tile or terrazzo. Meets ANSI 136.1 Type 1. Packaging 1 quart, 1 gallon and 3.5 gallons.

SOUTHCRETE 555 TYPE 1

A contractor grade, white latex base type 1 adhesive, designed to be used for setting ceramic tile on interior wall & floors. Packaging 3.5 gallons.

EPOXY MORTAR



EGS MORTAR GROUT SYSTEM

This 100% solid epoxy grout & mortar is highly chemical, stain resistant and yields exceptionally high strengths. Ideal for use in food services locations, laboratories and similar environments. A water-cleanable, three component system, designed for setting and grouting ceramic tile and pavers over a wide variety of "substrates". Meets ANSI A118.3.