

Premium Thin-Set Mortar #712/713

DRYSET PORTLAND CEMENT MORTAR

DESCRIPTION:

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.

USES:

Ceramic
Mosaics
Quarry
Dimension Stone
Concrete Substrates
Gypsum Wallboard (interior only)
Cementitious Backer Units
Masonry

LIMITATIONS:

Do not use over wood, vinyl, particle board, luan plywood, gypsum based underlayments, wall coverings, adhesive residue, masonite, metal, glass, plastic or painted surfaces. Not recommended for setting green or black marble.

PREPARATION:

Concrete must be 28 days cured and free of moisture. Surfaces must be free of any wax, dust or paint overspray. Hence, any further cleaning shall be done using sanding, scraping, or scarifying the surface to assure proper bonding. Surface may be cleaned by using SGM Safe Clean Crystals and then neutralized. Smooth steel troweled concrete should be roughened prior to installation. For hot and dry conditions, lightly dampen surface with water leaving no water puddles.

APPLICATION:

Add sufficient cool, clean water to dry mix to form a smooth paste like trowable mix. Allow mix to slake for 5-10 minutes, then remix before use. Machine mixing is preferred (250-350 RPM) higher speeds are not recommended. Stir occasionally during use. Apply mortar liberally with flat side of trowel, using sufficient pressure to work mortar in good contact. Use proper sized notched trowel to ensure 100% coverage of mortar under tiles. Some irregular tiles require backbuttering. Place tiles while surface is still wet and tacky. Spread only as much mortar as can be covered in 15-20

minutes or before surface dries, place tiles with twisting motion and beat tile with a rubber mallet to ensure 100% coverage. Industry standards require approximately 3/32" to 1/8" mortar bed thickness after beat in. A 1/4" gap shall be left around vertical abutments to allow structural movement and filled with appropriate elastomeric sealant. Follow ANSI 108.5 specifications for installations. NOTE: Do not tile over expansion, cold or control joints. Follow T.C.A. handbook method EJ 171 for detailed specifications.

CURING:

Minimum cure is reached in 12-24 hours. Setting may vary according to atmospheric conditions. Normal grouting should be done 48 hours later.

COVERAGE:

Approximately 90 to 100 sq. ft. per 50 lbs. When applied with 1/4" x 1/4" (6.4mm x 6.4mm) sq. notched trowel. 75 to 85 sq. ft. using 1/4" x 3/8" (6.4mm x 9.5mm) sq. notched trowel. 45 sq. ft. using 1/2" x 1/2" (13mm x 13mm).

CLEAN UP:

Clean up hands and tools with warm soapy water before materials dry.

SHELF LIFE:

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

PACKAGING:

50 lbs. (22.7kg).

APPLICABLE STANDARDS:

Conforms to requirements for dry set mortars found in ANSI 118.1 and CTI 64-1 specifications. Meets ANSI 118.4 specifications when mixed with Southcrete 25 Acrylic Mortar Admix.

TECHINCAL DATA:

Open time: 70F (21C)	>20 min. @
Adjustability: 70F (21C)	>20 min. @
Pot Life:	3 hours
Set Time:	9 hours
Sheer Bond (7 day)	>250
Compression Strength	>3000 psi

(Silicosis). Wear NIOSH approved mask for silica dust. ALL PORTLAND CEMENT BASED PRODUCTS MAY CONTAIN DETECTABLE AMOUNTS OF CHEMICALS KNOWN TO THE STATE OF CALIFORNIA TO CAUSE CANCER, BIRTH DEFECTS OR OTHER REPRODUCTIVE HARM. THIS IS IN COMPLIANCE TO PROPOSITION 65.

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

LIMITED WARRANTY:

S.G.M., Inc., will replace any material proved defective with the maximum shelf life on unused material of up to one (1) year. If our products are not found to conform to our high standard, notify S.G.M., Inc., immediately in writing. There is no other obligation expressed or implied and we assume no liabilities for damages of any kind. Suitability of the product for an intended use shall be solely up to the user.

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