



**DESCRIPTION:** Master Wholesale Super Set thin-set is a premium grade, polymer modified thin-set mortar consisting of Portland cement, sand, and powdered acrylic polymer additives. Super Set thin-set is designed to be mixed with water; no other liquid additive is needed. Available in gray or white, and regular or medium-bed versions, Super Set thin-set may be used for setting all types of ceramic tile over a variety of substrates, horizontal or vertical, both indoors and out.

**PROPERTIES:** Conforms to requirements for dry-set mortars found in ANSI A 108. 1-1985, ANSI A 118. 1-1985, ANSI A 118. 4-1985.

TECHNICAL DATA:	7 DAYS	28 DAYS
Compressive Strength	3210 psi	4660 psi
Tensile Strength	493 psi	497 psi
Shear Bond Strength	276 psi	316 psi
Flexural Strength	938 psi	1341 psi

**MIXING AND APPLICATION INSTRUCTIONS:**

1. All surfaces to be covered must be structurally sound, clean and free of dust, oil, grease, curing compounds, sealers, loose or scaly materials, and other foreign matter.
2. When applying tile over very smooth concrete, ceramic tile, or other smooth surfaces, we recommend mechanical abrasion of the surface. Vacuum the surface, and brush on a slurry coat of Super Set thin-set (mixed with water to the consistency of a creamy paint)
3. Super Set thin-set powder should be added to clean water. Use just enough water to make a soft putty consistency, approximately 1 1/2 gallons per 50 lbs. of powder. Mix by hand or with a low speed drill and paddle. Mix thoroughly until smooth and let stand (slake) for 15 minutes, then re-stir. It is also good practice to re-stir the mortar mixture occasionally during use.
4. Apply a thin coat of Super Set thin-set mortar mixture over the surface to be tiled with the flat edge of a trowel. Then apply the mixture using the correct sized notched trowel to assure complete coverage of the substrate and the back of the tile (1/4" square notch minimum for regular, 1/2" minimum for medium bed).
5. Apply the tile with a twisting motion into a fresh bed of Super Set. Set the tile as soon as possible to ensure maximum contact and bond. For regular, a finished mortar bed thickness of 3/32" to 1/8" after setting is required. For medium bed, a finished mortar bed of 1/4" to 1/2" after setting is required. Always test the bond of back mounted sheets of tile to ensure adhesion of each tile.
6. Traffic should be kept off the installation for 24 hours. High lugged back tile requires more mortar and therefore a longer time to set before grouting.

**PACKAGING & COVERAGE:** Super Set thin-set is packaged in 50 lb. sacks and is available in gray and white, and in regular and medium bed versions.

Regular: Coverage is approximately 75 S/F per 50 lb. sack using a 1/4" square notch trowel.

Medium Bed: Coverage is approximately 40 S/F per 50 lb. sack using a 1/2" square notch trowel.



**LIMITATIONS:** DO NOT apply directly over gypsum based underlayments, vinyl covered wall board, Masonite, particle board, asphalt or vinyl sheeting, metal, plastic, strip wood flooring, or plywood. Consult your distributor for proper application over those substrates. Apply only in temperatures above 40°F and do not allow mortar to freeze within 72 hours of installation.

**HEALTH HAZARD WARNING:** Caution, may cause eye, skin or lung injury. Do not breathe dust. Contains free silica. Prolonged exposure to dust may cause lung disease. Eliminate exposure to dust; use OSHA approved mask for silica dust. This product contains Portland cement. If any cement or cement mixtures get into the eye, flush with water repeatedly and consult a physician immediately. Freshly mixed product may cause skin injury, avoid contact with skin. Wash exposed skin promptly with water.

**NOTICE:** The information stated in this product specification is given in good faith. Because use of this product is beyond the control of your distributor or the manufacturer, no warranty, expressed or implied, is given.

**DISTRIBUTED BY:**

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