



SPEC

DATA

This Spec-Data Sheet conforms To the editorial style prescribed by The Construction Specifications Institute. The manufacturer is Responsible for technical accuracy.

1. PRODUCT NAME

SMG THINSET

MANUFACTURER

HARRICRETE LIMITED
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2. PRODUCT DESCRIPTION

SMG Thinset is a one component, self-bonding, tough, non-shrink, cement based grout, with excellent adhesive properties. That bonds to old and new concrete.

3. RECOMMENDED FOR:

- Old and new concrete or masonry surfaces.
- Sanded and un-sanded application.
- Wall & floor tiles such as Porcelain, Ceramic, Marble, Clay, Granite and Vinyl.
- Etched terrazzo surfaces
- Foam glass, gypsum board, expanded polyethylene surfaces.
- Old tiled surfaces

4. FEATURES/BENEFIT:

- Easy to mix
- Manufacture to rigorous Quality Control standards and ASTM specifications.
- Can be used on a wide range of surfaces.
- Tiles do not need to be pre-soaked.
- High bond strength.
- Suitable for use on vertical and horizontal surfaces.

5. PACKAGING / ESTIMATING:

SMG adhesive thinset is package in a 50lb (22.5kg) bag, which yields approximately 0.45 cubic feet. This will cover approximately 60 sq. ft. using a ¼ inch notch trowel.

6. PERFORMANCE DATA:

At a constant percent of water, consistency will vary with temperature. Final set time takes place in approximately 5-7 hours at a floatable consistency, 70° F (21° C) as tested by ASTM Standard.

Compressive Strength- 1250 PSI minimum- 7 days as tested by ASTM Standard.

Shear Bond - 150 PSI minimum- 7days.

7. SURFACE PREPARATION:

Surface must be clean, dry and free from loose materials, dust, oil, grease or paint. Treating the surface with a diluted solution of Harricrete's Concrete cleaner, may be helpful in exposing the concrete pores, thus ensuring better bonding before application. Thoroughly saturate the area with clean water. Remove excess puddles. Uneven or undulating surfaces should be leveled prior to laying of tiles.

8. DIRECTION FOR USE:

Use clean, clear water. For best results, use approximately 5 1/2 to 6 liters of water per 50lb (22.5 kgs) bag. Adding more water may cause shrinkage, segregation, loss of bond and lower strengths. Add water to contents and mix to a smooth, workable mortar. Mixed consistency must be firm, NOT WATERY. Spread evenly and proceed to set tiles. A Saw Tooth trowel should be used to spread the thinset in order to ensure a uniform spread.

9. CURING:

Cure all exposed shoulders by shading from direct sunlight and foot traffic for at least 24 hours.

10. LIMITATIONS:

- When laying wall tiles in excess of 3.5 lbs / ft² SMG bonding agent should be used.