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## SPEC

DATA

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

### 1. PRODUCT NAME

SMG SUPER PREMIUM THINSET

### MANUFACTURER

#### HARRICRETE LIMITED

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Republic of Trinidad and Tobago.  
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### 2. PRODUCT DESCRIPTION

SMG Super Premium Thinset is a one component, high performance, tough, non-shrink; cement based polymer-modified thinset, with excellent adhesive properties.

### 3. RECOMMENDED FOR:

- Old and new concrete or masonry surfaces.
- Wall & floor tiles such as Porcelain, Ceramic, Marble, Mosaic, Clay, Granite, Slate and impervious tiles.
- Etched terrazzo surfaces
- Foam glass, gypsum board, expanded polyethylene surfaces.
- Old tiled surfaces

### 4. FEATURES/BENEFIT:

- Easy to mix
- Manufacture to rigorous Quality Control and ANSI standards .
- 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.
- Available in grey and white

### 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 50 sq. ft. using a ¼ inch notch trowel.

### 6. PERFORMANCE DATA:

At a constant percent of water, consistency will vary with temperature. Initial set time; not less than 6 hours and final set 9 – 15 hours at a floatable consistency, 70° F (21° C) as tested by ANSI Standard.

Compressive Strength- 2500 PSI in 28 days as tested by ANSI Standard.

Shear Bond to impervious ceramic mosaic tiles not less 225-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. FOR BEST RESULTS:

- Do not use this mix over plywood, masonite, gypsum plaster, white coat, cellulose wallboard or painted surfaces.
- Do not soak the tile.