



## **TERATILE GOLD (GREY / WHITE)**

### **Multipurpose tile adhesive for exterior, Tile-on-tile, tile-on-glass and Swimming Pool**

#### **Uses:**

TERATILE GOLD Tile adhesive is a high quality adhesive used for the permanent fixing of tiles over smooth surfaces such as existing tiles, ceramic tiles or glass, subjected to damp and tropical conditions and for specialized applications such as tile on tile, tile-on-glass and Swimming pool etc.

#### **PERFORMANCE**

Suitable for fixing at 3-6mm bed thickness (can be extended up to 12mm in area of limited extent) wall and floor tiles, mosaics, vitrified and fully vitrified tiles, marble, terrazzo and natural stone. The set adhesive is water-resistant and is suitable for use in showers and totally immersed situations such as swimming pools.

Not recommended for direct use onto gypsum plaster, paint or metal. Suitable for use on glazed tiles and glazed bricks when used in conjunction with POLYMIX GA. POLYMIX GA can be used in conjunction with GOLD GRAY / GOLD WHITE to enhance the physical properties of the set adhesive, ie. Impart flexibility, improve adhesion, reduce water permeability and widen application. (See data sheet of POLYMIX GA for further details)

**TERATILE GOLD** meets the adhesion requirements of IS 15477:2004 Type 2 “Specification for Adhesives for use with Ceramic Tiles and Mosaics.”

#### **PACK SIZE**

GOLD GREY: 20 Kg

GOLD WHITE : 20Kg

#### **TECHNICAL SPECIFICATION:**

| BED THICKNESS | WALLS*              | FLOORS*              | MIX PROPORTION (BY WEIGHT)         | POT LIFE at 27± 2° C | SETTING TIME at 27± 2° C | TEMP TATURE RESISTANCE |
|---------------|---------------------|----------------------|------------------------------------|----------------------|--------------------------|------------------------|
| 3-6 mm        | Use THIN-BED TROWEL | Use THICK BED TROWEL | 1 p.b.w. Water to 3 p.b.w Adhesive | 3 Hours              | 24 Hours                 | -30°C to 150°C         |

\*Suitability Depends on surface level / flatness

p.b.w. = Parts ByWeight

#### **TYPICAL VALUE:**

| Results at 27± 2° C | Tensile Adhesion (14 day air) |                    | Shear Adhesion (14 day air) |                    |
|---------------------|-------------------------------|--------------------|-----------------------------|--------------------|
|                     | Dry Condition (kN)            | Wet Condition (kN) | Dry Condition (kN)          | Wet Condition (kN) |
| GOLD GREY           | 1.30                          | 1.00               | 12.00                       | 7.50               |
| WHITE GOLD          | 1.50                          | 1.10               | 14.00                       | 8.50               |
| As per IS : 15744   | -                             | -                  | 10.00                       | 5.00               |

#### **REDWOP CHEMICALS PVT.LTD.**

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## **SURFACE PREPARATION:**

Before starting any work ensure that the base is :

- ✦ Sufficiently flat to permit the specified flatness of finished tiling, bearing in mind the permissible minimum & maximum thickness of the bedding material
- ✦ Suitable for tiling in the service condition to which it will be exposed
- ✦ Free from efflorescence, laitance, dirt and other loose material. Removed thoroughly by dry brushing
- ✦ Clean: All tile and other non-porous surfaces should be cleaned by washing with water containing detergent, then clean water

## **MIXING & APPLICATION**

### **MIXING**

Add GOLD GREY / GOLD WHITE to clean water. Mix thoroughly until a slump-free mortar is obtained. A 20 Kg bag will require approximately 5-5.5 liters of water. The adhesive is immediately ready for use and has a pot-life of 3 hours. No further water should be added.

### **APPLICATION**

1. Spread not more than 1 sq.m at a time, apply the adhesive to the wall or floor surface
2. Comb the adhesive to the required depth (between 3-6 mm) using a suitable trowel
3. Press the tiles firmly into position with a slight twisting action, checking periodically that good contact is maintained with the back of each tile. Leave no voids behind tiles when solid-bed fixing
4. Tiles should be fixed within 20 minutes of adhesive being applied, depending on the porosity of the surface and atmospheric conditions. Tiles can be adjusted up to 5-10 minutes after fixing. Touch the adhesive ribs periodically and if a skin has formed, removed the adhesive and apply a new layer.
5. Leave adequate joints between wall and floor tiles unless self spacing tiles are used
6. Clean off surplus adhesive from the tile face and between joints
7. Do not use in damp condition and temperature less than 5°C

### **GROUTING**

Grouting should not be carried out for at least 24 hours. Use the appropriate grouting material from the range of cementations and epoxy grouts.

NOTE: The addition of POLYMIX GA to cement based grouts will enhance adhesion to tile edges, water resistance and improves flexibility.

### **COVERAGE**

This will depend on the nature and flatness of the surface and the method of application, but at 3 mm thickness it is approximately 3.5 kg/m<sup>2</sup> when using a thin bed trowel. For good coverage, it is vitally important that all surfaces should be clean, smooth, plumb, level and free defects and undulations.

### **SHELF LIFE:**

12 months in unopened bags under normal warehouse conditions. TERATILE GOLD must be stored in a cool dry place.

### **PRECAUTION:**

Keep out of children, wear suitable protective clothing, gloves and eye/face protection. After contact with skin, wash plenty of clean water. In case of contact with eyes rinse immediately with plenty of clean water and seek medical advice.

### **NOTE:**

Our products are manufactured to consistently high standards and subjected to strict quality control procedures. We operate a program of continuous research and improvement and may update information without notice. Any information supplied by the company, its agents or distributors is given in good faith to assist the customer. However, as we have control over the site conditions or the installation procedures used, we cannot any liability for loss or damage which may arise from incorrect use.

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