

Product Description:

- D+ GOLD 2000 is a high polymer modified, grey or white cement based tile adhesive suitable for fixing wall and floor tile/stone in interior and exterior situations. It can be applied up to 10mm bed thickness high dispersion copolymers hydraulic binders composed of only cement clinker
- The set adhesive is water-resistant and is suitable for use in showers and wet areas.
- It is suitable for use in totally submerged conditions such as swimming pools and is used for wall and floor tiles, mosaics, vitrified and fully vitrified tiles, terrazzo and natural stone.

Advantages:

- Tropical grade to suit Indian working conditions.
- Good open wet time.
- Good slip resistance.
- High adhesion strength.
- It can be used in the submerged condition.
- No odor.
- Economical.
- Water cleanable.
- Thick & thin bed application.

Application:

- Wet areas - kitchens and bathrooms.
- Dry Areas
- Tile claddings.
- Swimming pools.
- Fixing of ceramic and vitrified tiles for floor& wall (both internal & external application).
- Walls and floors

Technical Specification:

Chemical base	Portland cement, selected aggregates, water retention additives and Re-dispersible polymer.
Density	fresh mortar density: ~1.5 kg/L
Grading	D _{max} ; 0.5 mm
Bed thickness	3mm to 10mm
Pot life	≥ 4 hr at 23° c
Curing time	≥3 min at 23° c
Open time	≥30 min at 23° c
Adjustability time	≥45 min at 23° c
Grouting	•8 hr on wall/ •24 hr on floor

Physical Specification:

Appearance / colour	:- Grey or White powder
Packaging	:- 20kg bag

Method	Value		requirement	test
	Grey	white		
Initial tensile bond	1.2 N/mm ²	0.9 N/mm ²	≥0.5 N /mm ²	EN 12004
Tensile bond after heat action	0.6 N/mm ²	0.6 N/mm ²	≥0.5 N /mm ²	EN 1348
Tensile bond after water immersion	0.9 N/mm ²	0.7 N/mm ²	≥0.5 N /mm ²	EN 1348
Tensile bond after thaw cycles	1.2 N/mm ²	0.7 N/mm ²	≥0.5 N /mm ²	EN 1348

Consumption:

The consumption is dependent on the surface profile and roughness of the substrate as well as on the tiles and the placing technique (simple placing or back-buttering).

Approximately 55 to 60sq.ft. for 20kgs. Bag with 6mm×6mm square notch trowel for a bed of 3 mm.

As a guide, in kilogramme of powder per m²:

Types of tile	Trowel sizes	Consumption
Small tiles	6 mm	~2-3 kg/m ²
Normal size tiles(20×20cm-40×40cm)	8 mm	~3-4 kg/m ²
Large tiles and double spreading	10 mm	~5-7 kg/m ²

Surface Preparation:

All surfaces must be clean, dry, and free from dust, grease, wax, oil, laitance curing compounds and all other contaminants likely to prevent the adhesive bonding. Concrete should be allowed to cure for at least 28 days and cement to render for 7 days before tilling.

Application Instructions:

Mixing:

Mix 20 kg bag with the necessary, above mentioned, amount of water, using an electric blender free of lumps. To lay porcelain tile, large formats, on façade, etc. (see fields of application) mix the product with D+ premium SBR 111 at ratio 6lt./bag.

Use a blender at 500 rpm max.; do not mix at faster rate because of mechanical strength decay of the cured product.

After blending, leave the product curing for 5-10 minutes, preferably, and then briefly stir the mix prior to application. The obtained mix results very creamy, easily spreadable, and highly thixotropic.

- ~5.3lt. of water (26.5% + 1%) for 20 kg of D+ GOLD 2000 grey
- ~5.5lt. of water (27.5% + 1%)for 20 kg of D+ GOLD 2000 white

Application method/tools:

D+ GOLD 2000 is applied using notched trowel. The amount of product should be enough to ensure complete wetting of the tiles' rear. Tiling has to be carried out on fresh glue, exerting an adequate pressure to ensure contact with the

adhesive, and thus the perfect bonding. In case a surface film is formed on the adhesive, it is necessary to wipe the trowel on the adhesive layer previously applied. Avoid wetting with water the adhesive already applied, it will damage the adhesive.

The product mixed with D+ premium sbr 111 can be used to lay absorbing and not-absorbing tiles in sizes preferably not larger than 10000 cm² (e.g. 60×120 cm) for indoor floors, 7200 cm² (e.g. 80×80 cm) for outdoor floors, and 3600 cm² (e.g. 60×60 cm) for indoor walls or in façade without support of mechanical fixing.

The use of the product to lay absorbing tiles of maximum size up to 2100 cm² (e.g. 30×60 cm) indoors, and 900 cm² (e.g. 30×30 cm) for outdoor paving is preferable. These limits are valid for cementitious, non-heating substrates. For any other kind of substrates, please contact the technical service.

To lay tiles sized 900 cm², and over (e.g. 30×30 cm), the double spreading (buttering) technique of adhesive application is always recommended.

Cleaning:

Tools and containers may be cleaned using clean water when the adhesive is still fresh. The hardened adhesive can be removed from tools mechanically.

Precautions:

- Wear suitable protective clothing, gloves and eyes/face protection.
- After contact with skin, wash immediately with plenty of clean water.
- In case of contact with eyes rinse immediately with plenty of clean water and seek medical advice.

*All recommendations for use of our products, whether given by us in writing, verbally are to be implied, from the results of tests carried out by us, based on the current state of our knowledge. Although the information contained in this sheet is accurate to the best of our knowledge, no liability can be accepted in respect of such information and no warranty or conditions are intended in respect of the products described, as the conditions of application are beyond our control.

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