



**STONE & TILE  
ADHESIVES**



# TERATILE DIAMOND

Polymer modified tile adhesive

## Description

TERATILE DIAMOND cementitious powder available for fixing of ceramic and vitrified tiles for floor & wall. The set adhesive is water-resistant and is suitable for use in showers and totally immersed situations such as swimming pools.

- Polymer modified Adhesive

- Good strength

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- Easy mixing and application

## Uses

- Porcelain tile, Vitrified tile & Mosaic tiles
- Low porous stones, Tile claddings
- Applicable of tiles size 250mmX400mm, 300mX300mm, 300mmX400mm, 300mmX600mm, 300mmX900mm, 600X1200mm, 1000mm X1000mm
- Sand stone, khatu, Lapato, Quartz\*, Lime stones, Granite, Mint stone & marbles in internal application
- For tile & stone adhesive selection [www.redwop.net](http://www.redwop.net)

## Substrate

- RCC, cement sheet, Plaster, AAC blocks, tile on tile, stone

## Confirmed standard

- IS 15477:2019 (CM/L-7600053713)

## Compliance standard

- EN 12004 & ISO 13007, ANSI A118.4

## Limitations

- Do not add additional water or powder after tile adhesive gets set.

\*Mix 50% polymix for engineered stones

## Technical Information

PROPERTIES	STANDARD TEST METHOD	RESULTS
Appearance	-	Grey/ White Powder
Grade	-	Type-III C2TES1*
Bulk density	-	1.76 g/cm <sup>3</sup>
Tensile adhesion strength @ 28 days	IS 15477:2019, EN 12004 Min. 1.5 N/mm <sup>2</sup>	1.52 N/mm <sup>2</sup>
Shear adhesion strength @ 28 days	IS 15477:2019, EN 12004 Min. 1.5 N/mm <sup>2</sup>	1.52 N/mm <sup>2</sup>
Adjustability in min @20°C	IS 15477:2019, EN 12004	>20
Slip resistance in mm	IS 15477:2019, EN 12004 <0.5 mm	0
Deformability	IS 15477:2019, EN 12004 ≥2.5 mm, <5.0 mm	S1
Open time in min @20°C	IS 15477:2019, EN 12004	>20
Pot life @ 27°C	-	Approx. 2 hours

\*C2=Type adhesive T=Thixotrophy E= Open time

## Method of Application

- Clean the surface from efflorescence, laitance, dirt and other loose material than sprinkle water over the dry surface to make it wet.
- Clean the back side of the tiles surface by using wire brush than wash it with ample amount of water until dryness is removed suggest to remove.
- Add 20 kg of tile adhesive powder into 3.8 liter of water in a bucket and blend properly with electric blender.
- Apply prepared paste as per requirement on both the tile surface and floor/wall surface.
- Comb the adhesive paste to provide sufficient grip between the surface and tiles.

## Coverage

- For quantity calculation <http://redwop.cittaserver.com/CoverageChart/TileAdhesive>  
36 ft<sup>2</sup> per 20 kg @ 3mm thickness.

## Packaging

- TERATILE DIAMOND is supplied in 20 & 40 Kg bags.

## Storage

- Minimum of 24 months shelf-life if kept under room temperature (i.e. 27°C).

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