

A close-up photograph of a construction worker's hand using a blue-handled notched trowel to apply a thick, grey adhesive to a concrete surface. The adhesive is being spread in a series of parallel, wavy ridges. In the background, a white picket fence and a green lawn are visible under bright sunlight. A dark grey stone or tile is partially visible in the lower right foreground.

**STONE & TILE
ADHESIVES**



TERATILES GP

Polymer based tile adhesive

Description

TERATILES GP a high quality adhesive for the permanent fixing of ceramic & small size of vitrified tiles for vertical and horizontal applications. It is also suitable for use in damp and totally submerged conditions. TERATILES GP tile adhesive is more suitable for internal applications.

- Polymer modified
- Excellent adhesion on smooth surfaces
- Forms a dense and impermeable mortar bed
- Self-cure

Uses

- Ceramic external application, Vitrified internal application, Porcelain & porous stones
- Permanent fixing of tiles over smooth surfaces
- For specialized applications such as tile on tile and tile-on-glass etc.
- Applicable of tiles size 250mm x 400mm, 300mm x 300mm, 300mm x 400mm, 300mm x 600mm, 300mm x 900mm
- For tile & stone adhesive selection 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.

Technical Information

PROPERTIES	STANDARD TEST METHOD	RESULTS
Appearance	-	Grey/ White Powder
Grade	-	Type-II, C2TE*
Bulk density	-	1.82 g/cm ³
Tensile adhesion strength @ 28 days	IS 15477:2019, EN 12004 Min. 1.0 N/mm ²	1.1 N/mm ²
Shear adhesion strength @ 28 days	IS 15477:2019, EN 12004 Min. 1.25 N/mm ²	1.26 N/mm ²
Deformability @ 28 days	IS 15477:2019, EN 12004	-
Adjustability in min @20°C	IS 15477:2019, EN 12004	>20
Slip resistance in mm	IS 15477:2019, EN 12004 <0.5 mm	0.0
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 3.6 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 ft² per 20 kg @ 3mm thickness.

Packaging

- TERATILE GP 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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