



**STONE & TILE
ADHESIVES**



TERATILES SILVER

Polymer based tile adhesive

Description

TERATILES SILVER tile adhesive, is a polymer modified cement based adhesive for fixing wall and floor tiles, mosaics, vitrified, marble, terrazzo and natural stone etc.

- Non-shrink and waterproof
- Submerged conditions and internal application
- Long time workable
- Good slip resistance
- High adhesive bond strength
- Early strength gain

Uses

- Porcelain tile, Vitrified tile, Ceramic tile & medium porous stones etc.
- Use in damp and totally submerged conditions
- Applicable of tiles size 250mm x 400mm, 300mm x 300mm, 300mm x 400mm, 300mm x 600mm, 300mm x 900mm
- Sand stones, mint stones in internal application
- Internal applications
- For tile & stone adhesive selection www.redwop.net

Substrate

- RCC, cement sheet, Plaster, AAC blocks, tile on tile over cement based mosaic 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 white scaled mark bottom of tile with RECLEANER..
- 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>
35 ft² per 20 kg @ 3mm thickness.

Packaging

- TERATILE SILVER 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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