



CHEMTILE GP 44

Non Skid Polymerized Tile Adhesive

CHEMTILE GP 44

General Purpose Floor & Wall Tile Adhesive



DESCRIPTION:

CHEMTILE GP 44 a high quality adhesive for the permanent fixing of ceramic tiles for vertical and horizontal applications. It is also suitable for use in damp and totally submerged conditions.

It can also be used for fixing of insulating and acoustic boards made of expanded polystyrene. CHEMTILE GP 44 tile adhesive is more suitable for internal applications.

ADVANTAGES:

1. Non-shrink and waterproofing
2. Can be used for areas subjected to totally submerged conditions and internal applications.
3. Workable with open wet time of 20 mins at 30 degree celsius
4. Good slip resistance. High adhesive bond strength
5. Early strength gain enables quick installation



 chemaxchemicals  chemaxchemicals

 www.chemaxchemical.com  info@chemaxchemical.com

PACKAGING:

20 kg PP Bag

Office Address:
124. Avalon Business Hub, Katargam
Surat-3945004 (GUJARAT)-INDIA

CHEMAX CONSTRUCTION CHEMICAL PVT. LTD.

E-visit: www.chemaxchemical.com
Support : 1800 - 419 -3637

Factory Address:
43-48. SAT SHREE SHYAM INDUSTRIES, NR
KOTHAVA GAM.KIM-394111.SURAT(GUIARAT)



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Description :

- **CHEMTILE GP 44** is ready to use tile adhesive for fixing wall and floor tiles. **CHEMTILE GP 44** is a blended polymer modified grey cement base tile adhesive with improve strength.

Areas Of Application:

- For fixing all types of tiles on Internal wall(2*2 sq.ft, 1*1 sq.ft vitrified/ceramic Tiles)/floor, External floor, Shower, Restaurant and Kitchen.

Advantages:

- Water resistant characteristics
- Ready to use only water to be added, needs no curing
- Contains special chemicals to obtained non-shrink and Excellent adhesion with low shrinkage
- Crack free, breakage free & firm surface that preserves beauty of tiling for longer time
- Quick tiling benefits for contractors & consumers in terms of time saving
- Good mechanical strength
- Better bond than conventional cement based mortar
- Self curing

Product Data:

Apperance/Colours : Grey Powder

Mix Ratio	:	Approx.1 part water : 3 - 3.5 part Powder
Open Time	:	Approx 5-15 Min
Pot Life	:	20 Min (Minimum)
Setting Time	:	Initial set - 3 hr Final set - 5 hr
Compressive Strength (N/mm ²)	:	3 Days - 4.9 7 Days - 7.8 28 Days - 12
Layer Thickness	:	3 mm (Minimum)
Standards	:	EN 12004 ,TYPE C1, CHARACTER- TE



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Method of Application :
FLOOR

Surface Preparation :

- The surface should be sound, clean and free from dirt, oil or grease before **CHEMTILE GP 44** is applied.
- Expansion joints coinciding with joints in the substrate should be incorporated at the design stage with spacing at 5 meters maximum & it is not to be covered with tiles.
- Movement joints up to 5 mm width & wider joints to be filled with suitable joint fillers.
- The surface must be plumb before application of adhesives.

Mixing :

- Take 6 to 7 liters of water in a clean & dry vessel ($W/P = 0.30$ to 0.35), gradually start addition of 20 kg **CHEMTILE GP 44** under continuous stirring to a uniform lump free consistency, soft & smooth paste using a forced action mixer attached with paddle stirrer for 3 - 5 minutes.
- Allow it to mature for 3 - 5 minutes.
- Hand mixing is recommended for small quantities only.
- Mix the quantity, which can be used within 30 minutes.

Fixing :

- Spread the adhesive to a thickness of approx. 3 - 6 mm and comb with a notched trowel strictly apply the adhesive paste which can be tiled within 5 to 15 minutes.
- Intermittently touch the adhesive paste on substrate by finger if the adhesive sticks to fingers then continue fixing and if not scrape off the adhesive and apply newly mixed adhesive.
- Start placing the Tile /stone on the surface to be fixed. Tap the Tile /stone properly to ensure complete coverage of the backside of Tile /stone and to eliminate the possibility of any air voids.
- Keep joints between two- Tile /stone using spacers.
- Start filling joints only after 24 hrs. with **CHEMTILE GP 44**.

WALL :

Surface Preparation :

- The surface to be tiled should be sound and thoroughly cleaned.
- Surface should be free from wax, grease, polish etc.



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Precautions & Limitations :

- For laying Tile /stone on floor, surface should be sufficiently hard & good condition.
- Always add powder to water & never add water to powder.
- Do not add excess water than recommended.
- Never add sand & cement at site in factory packed adhesive.
- Strictly not recommended for fixing on gypsum plaster, paint, wood & metal.

Coverage :

- 4.5 - 5.0 Sq. m./ 20 Kg Bag at 3 mm thickness
- 2.0 - 2.5 Sq. m./ 20 Kg Bag at 6 mm thickness

Packaging :

- 20 kg

Shelf Life :

- Factory sealed containers of this products are guaranteed to be of first quality for 6 Months.
If stored off the ground in dry area.
- High humidity will reduce the shelf life of bagged products.