



# TECHNY CHEMY

## TEC<sup>®</sup> BOND 25

Ceramic tile Mortar for Normal Applications



### KEY BENEFITS AND FEATURES

- Does not require wetting of the surface to be tiled.
- Does not require soaking of tiles before fixing.
- Does not require curing of mortar after fixing.
- Does not require tile - bedding as tiles can be pressed into position with ease.
- Gives the mason ample adjustability time to correct joint alignments and tile patterns.
- The bond strength is superior to that of ordinary mortars.
- It does not shrink or crack while curing.
- It is water resistant, even remains unaffected by continuous flowing or stagnant water.
- Tiles can be fixed on cement mortars, asbestos sheet surface & even tile on tile.
- Resistant to dilute acids, alkali's and soap water.
- It saves time. Tile fixing job can be completed less than half the time that it takes using conventional mortars.
- TEC<sup>®</sup>BOND is available in three grades - TEC<sup>®</sup>BOND 25 for normal applications. TEC<sup>®</sup>BOND 34 for below grade applications and areas with hydrostatic pressure. TEC<sup>®</sup>BOND 52 White mortar for fixing glass mosaics and other special applications.

### USAGE

- TEC<sup>®</sup>BOND 25 can be used on both - interiors as well as exterior applications.
- For fixing of ceramic tiles over marbles, mosaics and in bathrooms, toilets and water bodies with moderate hydrostatic pressure.

### DIRECTIONS FOR USE

**Surface Preparation :** The surface should be sound, free from dirt, oils and greases. In case any concrete curing membranes are used, they should be removed by Wire brushing.

**Mixing :** Add 1 part clean water to 2-2.5 parts of Mortar and mix to form thick, lump free paste. Allow to stand for 5 to 10 minutes and re-stir before use. Do not re-temper by adding water or mortar.

**Application :** Stir the mixture well once more. Spread mortar using the flat side of trowel, applying even pressure, then comb the surface with the trowel's notched side to establish an even setting bed. Spread only enough mortar to set 5 square feet (.46 m) of tile at a time. Install tiles with a firm slightly twisting motion to promote proper insertion (embedding) into the mortar. Use care to maintain straight and uniform grout lines. Spacers are recommended to maintain uniform grout lines. Remove any excess mortar on tile with a clean damp cloth within 5 minutes.

**Post Application :** Wipe off the surplus mortar from the tiles with a damp cloth. Leave for minimum 24 hours before grouting the joints.

**Cleaning :** Tools and equipments should be cleaned with water when the mortar is in uncured state.

**Limitations :** Not for below grade applications, Swimming pools, facades and areas with high hydrostatic pressure.

**Precautions :** As TEC<sup>®</sup>BOND 25 is moisture sensitive. Store it at dry conditions. Do not add excess water while mixing.



Certified:  
ISO 9001 (QMS) & ISO  
14001 (EMS)



## TECHNICAL DATA

Physical State	Powder
Maturation time at 30C	15-20 minutes.
Initial Cure	24 hours
Final Cure	7 days
Storage	Store in cool, dry location
Shelf Life	Maximum of 1 year from date of manufacture in unopened package
Foot Traffic Rating	Residential to moderate commercial
Colour	Grey
Coverage, by solid bed of 3 mm thickness By notch trowel of 3 mm thickness	2.5 Sft / Kg

## PACKAGING

Available in: 5 Kg, 10 Kg & 25 Kg

- TEC<sup>®</sup>TILE 12 - General purpose tile joint grout is available in various matching shades.
- TEC<sup>®</sup>TILE 21 - Epoxy tile joint grout is available in select shades.

## OTHER PRODUCTS

Techny manufactures lot more range of other products for construction and repair applications. They include admixtures for concrete, mortars, block making etc, waterproof and damp proof coating systems, Repair and rehabilitations products, Grouts and Anchors, Protective, Decorative and Corrosion prevention coatings, Epoxy Flooring systems, Industrial flooring systems and Tiling aids. For more details refer Separate Product brochures.

Every reasonable precaution is taken in the manufacture of the Techny products to ensure that they comply with high standards of quality. The recommendations and properties of the products are based upon what is believed to be the most reliable information available and are not intended as recommendations which infringe other patents. Although all Techny products are subject to rigid quality tests, no specific guarantee can be given, because results depend not only on quality but also on other factors beyond our control. We therefore welcome consultation in the event of doubt about application performance etc but do not accept any liability either directly or indirectly arising from the use of the products whether used as per its specifications or advice or otherwise. All transactions shall be subject to our terms of sale, delivery and payment. The leaflet supercedes the previous one and any new issue may take place without notice to supercede this edition as and when it becomes necessary.

TECHNICAL DATA SHEET  
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