



## **BOND PLUS 405**

### **PRODUCT DESCRIPTION**

It is polymer modified cement based quick set tile adhesive specially designed for heavy duty applications for Fixing ceramic tiles, vitrified tiles, natural stones on interior and exterior wall and floor surfaces.

### **RECOMMENDED USE**

Specially designed for interior floor & wall applications It is suitable for vitrified/fully vitrified tiles, glass mosaic tiles, all stones, dense and large dimension. SANTEC BOND PLUS 405 is a polymer modified, thin-set tile adhesive for fixing ceramic, semi-vitreous tile, vitrified tiles & natural stones of regular size. It is suitable for both vertical and horizontal surfaces, over the cementitious substrate for indoor application, in dry as well as wet areas. It is also recommended for Tile-on-Tile Application

### **USES**

- Single component, just add water
- Interior application polymer base
- Economical and easy to use
- Bonds to various substrates
- Used for fixing any tile on interior wall.
- Tile on tile application in wall.

### **FEATURES & BENEFITS**

- Very good adhesion
- Non -toxic
- Water cleanup of uncured adhesive
- Very easy to apply
- Dual purpose for wall and floor
- Ideal for new floor & wall tiling.
- Economical

### **SURFACE PREPARATION**

Surface to be cleaned and roughed before installation of tiles and stones.

### **MIXING INSTRUCTION & APPLICATION**

Add 5-to-6-liter clean water with 20kg of SANTEC BOND PLUS 405 and stir well until a lump free compound is achieved. The surface to be tiled should be clean and sound. Old surfaces must be free from any kind of grease, oils, wax etc. At site addition of water shall be adjusted to attain desired consistency and mix thoroughly until a homogeneous paste is obtained. Allow tiling to set for 24 hours prior to filling joints.

Apply SANTEC BOND PLUS 405 evenly on the substrate. Use a notched trowel to have a uniform thickness 3 mm minimum. Apply the tiles on the substrate and press them firmly, while making sure that the paste does not slip from the tile sides. SANTEC BOND PLUS 405 can also be applied on the back side of tiles to ensure full adhesion with the entire surface. In case exceptional performance is required.

### **TECHNICAL DATA**

**Available Pack Size : 20 Kg**

<b>Appearance</b>	Grey & White
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<b>Temperature range for application</b>	From +5°C to 50°C
<b>Adjustability</b>	45 Minutes
<b>Foot Traffic</b>	24 hours
<b>Grouting</b>	24 Hours
<b>Tensile Adhesion</b>	≥ 0.5 N/mm <sup>2</sup>
<b>Shear Adhesion Dry</b>	1.0 N/mm <sup>2</sup>
<b>Tile Adhesive Standard</b>	C2TE (Type 2)
<b>Coverage</b>	20 kg/ 45-50 sqft in 3mm bed thickness
<b>Shelf life</b>	24 months of the original packing in dry environment

## CONSUMPTION

<b>3MM Thickness</b>	55-60 sq. ft / 20 kg
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The data given are for guidelines only. The physical values are subject to normal manufacturing tolerances, colour and testing variances. The coverage & consumption figures are theoretical and do not allow for any additional material required due to surface porosity, surface profile, variations in level or wastage etc.

## ANNOTATION

- It is recommended to check the colour of the grout, if it is meeting the desired colour of the client
- It is recommended to do a small area with actual tile/stone at site and check for any colour ingress into the tile/stone
- Many tiles/stones have high absorption which may lead to wet patches or colour marks.
- Always use a good quality brush, sponge, scrubber or white cotton cloth while application to avoid damaging the surface due to the decolorization.
- While using any tools like spray pumps, low hand pressure pumps, water jets, mixer machines, grinding machines in application, clean the inner and outer surface of the tool to avoid any kind of damage to the surface and material to be used.

## STORAGE & SHELF LIFE

24 months after manufacturing date in original and non-open packaging, under cover, in dry condition, away from humidity, protected from extreme temperatures and direct sunlight.

## HEALTH & SAFETY

### Precautions

- During application wear protective clothing, gloves and eye goggles during application. Avoid products to contact eyes and skin.
- Keep out of reach of children.
- Not for internal consumption.
- Apply between temp. 5°C to 35°C.
- Use only in well ventilated areas.
- Wash hands thoroughly after applying.

### Accident

- Use water spray.

## Spillage

- Take up mechanically or with absorbent material.

## First Aid

- If swallowed, contact a physician.
- If in skin contact wash skin with water and remove contaminated clothing.
- If you come in contact with the eye, hold open, flood with water for at least 10 min and contact a physician.

## NOTES

The information above is believed to be accurate and represents the best information currently available to Santec Chemical Private Limited. However, we make no warranty of merchantability or any other warranty, express or implied, with respect to such information, and we assume no liability resulting from its use. Users should make their own investigations to determine the suitability of the information for their particular purposes. In no way shall the Santec Chemical Private Limited be liable for any claims, losses, or damages of any third party or for lost profits or any special, indirect, incidental, consequential or exemplary damages, however arising, even if the company has been advised of the possibility of such damages.

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