



## SANTEC BOND 304

### PRODUCT DESCRIPTION

SANTEC BOND 304 is Cementitious polymer based powder containing Portland cement and sand. It can be mixed with water for installing small and medium size ceramic and vitrified tiles on interior Floor and wall.

### USES

- Single component, just add water
- Interior application polymer base
- Economical and easy to use
- Bonds to various substracts
- Used for fixing both ceramic & vitrified tiles for the floor.
- Used for fixing both ceramic and verified tiles for the wall up to 2 ft x 4 ft
- Tile on tile application in floor
- Smooth and creamy texture

### 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 4-to-5-liter clean water with 20kg of SANTEC BOND 304 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 304 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 304 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

Appearance	Grey
Temperature range for application	From +5°c to 50°c
Adjustability	45 Minutes
Foot Traffic	24 hours
Grouting	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>	C2( 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.

## 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.

## ANNOTATION

- The surface must be structurally sound, stable, and rigid enough to support ceramic/stone tile, thin brick, and similar finishes.
- Substances deflection under all live, dead, and impact loads, including concentrated loads.
- During cold weather, protect finished work from traffic until fully cured.
- Always use a good quality brush, sponge, scrubber or white cotton cloth while applying 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.

## 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**

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