

# Insta-BOND W66

---

Elite Tile Adhesive

**TECHNICAL DATA SHEET**

---

## Product Description

Insta-Bond W66 is a polymer-modified white cement-based adhesive for fixing ceramic and vitrified tiles on the floor and wall. Suitable for both internal & external applications.

## Application Areas

For application of small and medium size vitrified tiles on internal or external, floor and wall.

## Advantages

- High Bond Strength
- No shrinkage cracks
- High Thermal Insulation
- Flexible, shock & impact resistant
- Improved compressive & tensile strength
- Easy to use
- Economical
- Premixed

## Suitable Substrates

- Concrete & Concrete Masonry
  - VDF / Tremix Concrete
  - Cement Mortar Beds
  - Cement Plaster
  - Ceramic tile, Vitrified Tile, and Natural Stone
  - Glass mosaic tile
  - Brick Masonry
  - Cement Backer Board
  - Cement Terrazzo
  - Calcium Silicate Board\*\*
  - Gypsum Wallboard
- ( \*\* Note :- Consult the backer board manufacturer's data sheet for the specific recommendations and load-bearing capacity of the specific board intended for use. )

**Packaging**      20 Kg

**Colour**              White Powder

## Coverage

Coverage is based on the smoothness and evenness of the substrate, and the thickness of mortar used. A coverage of 55-60 Sq.Ft.per bag of 20Kgs is received when used with a 6x6 mm notch trowel bed thickness of 3mm.

## Shelf Life

Factory-packed bags of Insta-Bond W66 - Elite Tile Adhesive carries a shelf life of 12 months if stored in a cool & dry place. However, as temperature, humidity, water addition & other parameters vary from site to site, the information should be treated as a general guideline.

# Technical Data

## Performance Properties

Insta-BOND W66 mixed with water

Test	Result
Tensile Adhesion (Dry Condition 28days)	1.35 MPa
Shear Adhesion (Dry Condition 28days)	1.73 MPa

## Working Properties

Insta-BOND W66 mixed with water (70°F (21°C))

Test	Result
Pot Life	> 60 Minutes
Open Time	> 35 Minutes
Adjustable Time	> 35 Minutes
Final Setting Time	24 Hours

# Installation Method

## Surface Preparation:

The application surface /substrate must be free from loose particles or any other foreign material prior to commencement of work/application of any Instachem products. Pre-wet or damp surface with good quality fresh water, if necessary.

## Mixing:

Use approx 20kg of Insta-Bond W66 -Elite Tile Adhesive with approx. 5-6 litres of potable water. It is most important to add Dry Mix Product to the water and not vice-versa. Mix the material by hand or using a slow speed electrical stirrer in a way that a uniform mixture (free from lumps) is formed. Allow the mixture to rest for 5-10 minutes for polymers to act and remix before use

# Application

The adhesive needs to be applied with a flat side of the trowel using a scraping motion. Additional mortar should be then applied with the notched edge of the trowel.

Ensure the tile is completely bedded in the adhesive.

## Limitations

Adhesives and grouts for tiles are not replacements for waterproof membranes. When a waterproof membrane is required, use Instachem Waterproofing products or any other waterproofing product available on the market.

## Cautions

- During cold weather, protect finished work from use until fully cured.
- Contains Portland cement and silica sand. May irritate eyes and skin.
- Avoid contact with eyes or prolonged contact with skin.
- In case of contact, flush thoroughly with water at least for 15 minutes and seek medical help if burning continues.
- Do not take internally. Silica sand may serious lung problems. Avoid breathing dust.
- Wear a respirator in dusty areas.
- Keep out of reach of children

## Warranty

Instachem Industries Pvt Ltd warrants that INSTA BOND W66 - ELITE TILE ADHESIVE , Thin bed mortar is free from manufacturing defects and will not break down, deteriorate or disintegrate under normal usage for a period of 12 months from the date of manufacture, subject to the terms and conditions stated in INSTACHEM Product Warranty.

## Contact Us..!

### Instachem Industries Private Limited

-  S.No.58 , 1st Floor , Paras Hub , Latur Road , Vasarni , Nanded - 431604
-  instachem.industries
-  instachem.industries
-  info@instachem.co.in
-  www.instachem.co.in
-  (+91) 87-999-32-678

Disclaimer : Specifications are subject to change without notification. Results shown are typical but reflect test procedures used. Actual field performance will depend on installation methods and site conditions. There are no expressed or implied guarantee / warranty as to the results obtained. The company does not assume any liability or consequential damage for unsatisfactory results, arising from the use of our products.