

Insta-BOND G33

Premium Tile Adhesive

TECHNICAL DATA SHEET

Product Description

Insta-Bond G33 is a highly polymer-modified grey cement-based adhesive. Designed especially for interior and exterior floor and wall installations of all types of ceramic tile, vitreous, semi-vitreous tile, glass mosaic tiles, precast terrazzo and natural stones over concrete and on a variety of substrates. Good underwater shear bond allows this product to be used for wet areas like swimming pools, water bodies and washrooms. Can be used for tile on tile applications and also as a slurry bond adhesive in wet on wet applications

Application Areas

For all types of large format Tiles and stones and mosaic on interior and exterior floor and wall applications.

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
- MIVON Concrete,
- 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

Packaging 20Kg

Colour Grey 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 G33 - Premium Tile Adhesive carries a shelf life of 12 months, if stored in 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 G33 mixed with water

Test	Result
TensileAdhesion (DryCondition28days)	1.59 Mpa
ShearAdhesion (DryCondition28days)	1.78 Mpa
Slip Resistance	0.15 mm
Transverse Deformation	2.55 mm

Working Properties

Insta-BOND W77 mixed with water (70°F (21°C))

Test	Result
PotLife	>4hours
OpenTime	>35Minutes
Adjustable Time	>45 Minutes
FinalSettingTime	24hours

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 G33 - Premium Tile Adhesive with approx. 5-6 litres of potable water. It is utmost 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 scrapping motion. Additional mortar should be then applied with the notched edge of the trowel.

Ensure that 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 White cement and other fillers. 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 the burning continues.
- Do not take internally. Fillers may cause 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 G33 - Premium 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..!

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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.