

Insta-Bond G11

Standard Tile Adhesive

TECHNICAL DATA SHEET

Product Description

Insta-Bond G11 is a polymer-modified grey cement-based adhesive for fixing ceramic and vitrified tiles on the floor and wall. Suitable for Internal & External floor & wall applications.

Application Areas

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.

Advantages

- Single component, just add water
- Interior applications, polymer-based
- Economical & Easy to use
- Can be used up to a Maximum 12mm bed thickness
- Exceeds IT shear bond strength requirements
- Complies with EN / ISO with a CIT classification.
- Exceeds IS 15477:2019 - Type IT Adhesive standards.
- Can be fortified with M44 admix for external use

Suitable Substrates

- Concrete & Concrete Masonry, Cement Mortar Beds
- Cement Plaster
- Brick Masonry
- Cement terrazzo
- Ceramic Tile

Packaging 20Kgs

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 G11 - Standard Tile Adhesive carries as help 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 G11 mixed with water

Test	Result
Tensile Adhesion (Dry Condition 28 days)	0.63 Mpa
Shear Adhesion (Dry Condition 28 days)	1.14 Mpa
Slip Resistance	0.31 mm

Working Properties

Insta-BOND G11 mixed with water (70°F (21°C))

Test	Result
Pot Life	>60Minutes
Open Time	>20 Minutess
Adjustable time	>25 Minutes
Final Setting Time	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 G11- Standard 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 Grey 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 G11 Standard 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.