

Description of BS Tileasy-F

BS Tileasy-F is a quick-setting, easy-to-use, polymer-modified cementitious tile adhesive designed for tropical conditions. It provides strong adhesion for tiles or stone cladding on plastered surfaces, precast walls, AAC blocks, and brickwork up to 3 m height. Suitable for ceramic, glazed, semi-vitrified tiles, terrazzo, and mosaics, it meets IS 15477:2019 Type 1T standards.

Advantages of BS Tileasy-F

1. **Thin or thick-bed application:** Mortar thickness from 5 mm to 8 mm
2. **High-grade bonding:** Suitable for indoor tiles up to 2x2 ft
3. **Waterproof:** Ideal for showers and kitchens
4. **Anti-slip performance:** Designed for vertical applications on walls or covered facades

Recommended Application of BS Tileasy-F

BS Tileasy-F may be used for fixing small to medium format tiles even on various substrates and even less-porous tiles (<3% and > 0.08%) and can be used with confidence in all wet process applications.

Typical Applications Include:

- Showers, bathrooms Commercial food processing zones
- Podium and commercial spaces
- Hospital, Laboratories & Hotels
- Granite fixing for flooring with limited wall application

Application of BS Tileasy-F

Surface Preparation

- The surface must be sound, clean, and free from dust, grease, paint, or loose material.
- Remove bond barriers by grinding/chiselling.
- Newly cast screeds must be fully cured.
- Pot life: 2–3 hrs at 25°C
- Foot traffic after 24 hrs

Surface Levelling / Priming

- Apply on smooth, level plaster (no broom finish required).
- Rough plaster: level using cement plaster with 4% BS SmartBond 100 (by cement weight); cure 48 hrs.
- Highly absorbent surfaces (AAC / green concrete): seal with 1–2 coats BS SmartBond 100, 4 hrs apart; dry 8–12 hrs

Mortar Mixing

- Mix 3.5–4.5 L potable water with 20 kg BS Tileasy-F.
- Add powder to water and mix to lump-free plastic consistency.

Application

- Use a 10 mm notched trowel (for ~5 mm bed).
- Apply ~6 mm mortar with plain side, then comb with notched side.
- Apply mortar perpendicular to tile back grooves.
- Open time: 20 minutes. Do not re-temper dried mortar.

Tile Fixing

- Tiles >4 sq.ft must be back-buttered for full contact.
- Press tiles firmly; adjustment possible within 20 minutes.
- Clean excess adhesive before setting.
- Maintain minimum 2 mm joints using spacers.
- Grout after 24 hrs.

Recommendations

- Non-absorbent surfaces: modify with 2% BS SmartBond 100 (by volume) after trial.
- Provide movement joints as per BS 5385 / local standards.
- Application temperature: 5°C–40°C (work early / cool water in summer).
- Do not reuse hardened mortar.
- Max thickness: 12 mm (horizontal), 8 mm (vertical).

Properties of BS Tileasy-F

Appearance	Freely flowing grey powder with minute aggregates
Water to Powder Ratio by wt.	0.190 – 0.230
Fresh wet density	1.70 Kg / Litre
Open Time	> 0.5 N/mm ² (For 20 mins)
Tensile Adhesion at ambient temperature as per EN 1348	> 0.4 N/mm ²
Slip Resistance as per EN 1308	≤ 0.6 mm
Tensile Adhesion under water as per EN 1348	> 0.4 N/mm ²
Heat Ageing as per EN 1348	0.4 N/mm ²

TECHNICAL DATA FOR BS TILEASY-F
Adhesive Mortar for fixing Wall/Floor Tile 2by2, Indoor

Allow Foot traffic & Grouting	After 24 Hours at 250C
Chloride content	Less than 0.2%
* Note: Above properties are checked at water to powder ratio of 0.210.	



Notched Trowel for BS Tileasy-F Application.



Apply Adhesive using Plain Side of Trowel



Use the Notch sized to control adhesive application as needed.



Application of BS Tileasy-F on Wall over smooth levelled / plastered surface.

Consumption for BS Tileasy-F 20Kg Pack

Trowel Notch Size*	Area Covered by Mortar
6mm by 6mm	5.1–5.6 m ² per 20 kg bag
10mm by 10mm	2.3–2.8 m ² per 20 kg bag

*Consumption rates may vary due to variance in surface roughness, the surface profile behind the tile, if the tiles are back buttered & skill of the applicator.

Packaging

BS Tileasy-F is available in **20 Kg** moisture-resistant, lined sack packaging.

Storage and Shelf Life

Store in a **cool, well-ventilated area**, away from direct sunlight. **Shelf life:** 12 months from the date of manufacture when stored as recommended.

Safety and Handling

Wear **protective gloves, safety goggles**, and use **barrier cream** to prevent skin contact. Ensure **adequate ventilation** during application. For detailed safety guidance, please refer to the **Material Safety Data Sheet (MSDS)**.

Disclaimer

The information in this sheet is provided for general guidance and is based on current knowledge and experience. Due to the variety of possible application methods and site conditions, no responsibility is assumed for results obtained under specific circumstances.