SANBOND

TECHNICAL DATA SHEET

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TILE FIX 1001

Polymer-based cementitious tile adhesive for fixing small and medium ceramic and vitrified tiles on interior floors and walls.

Tile adhesive for wall & floor · Grey · 20 kg · IS 15477 Type 2 (C2)



45 min	24 h	55–60 sq ft	4–5 L
Adjustability	Foot traffic & grouting	Coverage / 20 kg @ 3 mm	Water per 20 kg

01 PRODUCT DESCRIPTION

Sanbond Tile Fix 1001 is a cementitious, polymer-based powder containing Portland cement and sand. Mixed with water, it is used for installing small and medium-size ceramic and vitrified tiles on interior floors and walls.

02 USES

- Fixing ceramic and vitrified tiles on floors, up to 6 ft × 4 ft.
- Fixing ceramic and vitrified tiles on walls, up to 2 ft × 4 ft.
- Tile-on-tile application on floors.
- Glazed tiles for floors and walls.
- Single component – just add water.
- Polymer-based, for interior application.

03 SUITABLE SUBSTRATES

- Cement mortar beds
- Brick masonry
- Cement plaster
- Cement terrazzo

04 SURFACE PREPARATION

The surface must be cleaned and roughened before installing tiles and stones. Old surfaces must be free from grease, oil, wax, etc.

05 MIXING

Add **4–5 litres** of clean water to 20 kg of Sanbond Tile Fix 1001 and stir well until a lump-free compound is achieved. Adjust the water at site to attain the desired consistency and mix thoroughly until a homogeneous paste is obtained.

06 APPLICATION

Apply Sanbond Tile Fix 1001 evenly on the substrate, using a notched trowel to achieve a uniform thickness of 3 mm minimum. Place the tiles on the substrate and press them firmly, making sure the paste does not slip from the tile sides.

Where exceptional performance is required, Sanbond Tile Fix 1001 can also be applied to the back of the tiles to ensure full adhesion over the entire surface.

Allow tiling to set for 24 hours before filling joints.

07 TECHNICAL DATA

Property	Value
Pack size	20 kg
Appearance	Grey powder
Application temperature	+5 °C to 50 °C
Adjustability	45 minutes
Foot traffic	24 hours
Grouting	24 hours
Tensile adhesion	≥ 0.5 N/mm²
Shear adhesion (dry)	1.0 N/mm²
Standard	IS 15477 Type 2 adhesive (C2)
Coverage	55 – 60 sq ft / 20 kg at 3 mm bed
Shelf life	24 months in original packing, dry environment

08 FEATURES & BENEFITS

- Very good adhesion
- Very easy to apply
- Smooth, creamy texture
- Dual purpose for wall and floor
- Strong and durable
- Anti-bacterial
- Temperature resistant
- Non-toxic
- Water clean-up of uncured adhesive
- Ideal for new floor and wall tiling
- Economical

09 CONSUMPTION

Bed thickness	Consumption
3 mm	55 – 60 sq ft per 20 kg

The data given is for guidance only. Physical values are subject to normal manufacturing tolerances, colour and testing variances. Coverage and consumption figures are theoretical and do not allow for additional material required due to surface porosity, surface profile, variations in level, wastage, etc.

10 ANNOTATIONS

- The surface must be structurally sound, stable and rigid enough to support ceramic or stone tile, thin brick and similar finishes.
- During cold weather, protect finished work from traffic until fully cured.
- When using tools such as spray pumps, low hand-pressure pumps, water jets, mixers or grinding machines, clean their inner and outer surfaces to avoid any damage to the surface and the material.
- Substrate deflection under all live, dead and impact loads, including concentrated loads, must be kept within acceptable limits.
- Always use a good quality brush, sponge, scrubber or white cotton cloth during application to avoid damaging the surface through decolourisation.

11 STORAGE & SHELF LIFE

24 months from the manufacturing date in the original, unopened packaging, kept under cover in dry conditions, away from humidity, and protected from extreme temperatures and direct sunlight.

12 HEALTH & SAFETY

PRECAUTIONS

- Wear protective clothing, gloves and eye goggles during application. Avoid contact with eyes and skin.
- Keep out of reach of children.
- Not for internal consumption.
- Apply between 5 °C and 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.
- On skin contact, wash skin with water and remove contaminated clothing.
- On eye contact, hold the eye open, flood with water for at least 10 min and contact a physician.

13 NOTES

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