SANBOND

TECHNICAL DATA SHEET

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CLAD FIX 3003

High polymer-modified, quick-set tile adhesive for heavy-duty fixing of large tiles, slabs and natural stone, interior and exterior.

Tile adhesive for wall & floor · Grey & white · 20 kg · C2TES1



C2TES1	55–60 sq ft	Zero slip	5–6 L
IS 15477 Type 3	Coverage / 20 kg @ 3 mm	With extended open time	Water per 20 kg

01 PRODUCT DESCRIPTION

Sanbond Clad Fix 3003 is a high polymer-modified, cement-based, quick-set tile adhesive specially designed for heavy-duty applications, for fixing ceramic and vitrified tiles, slabs, natural stone and large-size tiles on interior and exterior walls and floors. It is highly recommended for exterior areas as it resists thermal expansion. It meets the C2TES1 standard: a regular tile adhesive with zero slip and extended open time.

02 RECOMMENDED USE

Suitable mainly for tiles and stone tiles on exterior wall substrates such as plaster or concrete, including ceramic, clay, basalt, vitrified, glass mosaic and porcelain tiles and all natural stone tiles.

03 USES

- Suitable for various tiles, marble, granite and other stones.
- Ideal for big-size slabs.
- Polymer-based, for interior and exterior application.
- Bonds to various substrates.
- Economical and easy to use.

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 **5–6 litres** of clean water to 20 kg of Sanbond Clad Fix 3003 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. **Allow tiling to set for 24 hours before filling joints.**

06 APPLICATION

Apply Sanbond Clad Fix 3003 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, it can also be applied to the back of the tiles to ensure full adhesion over the entire surface.

07 TECHNICAL DATA

Property	Value
Pack size	20 kg
Appearance	Grey & white powder
Standard	IS 15477 Type 3 adhesive (C2TES1)
Coverage	55 – 60 sq ft / 20 kg at 3 mm bed
Water demand	5 – 6 L per 20 kg
Shelf life	24 months in original packing, dry environment

08 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.

09 FEATURES & BENEFITS

- Very good adhesion
- Very easy to apply
- Resists thermal expansion – ideal for exteriors
- 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

10 SUITABLE SUBSTRATES

- Concrete
- Ceramic tile and stone
- Cement plaster
- Cement terrazzo
- Gypsum wallboard
- Cement mortar beds
- Concrete masonry
- Brick masonry
- Precast terrazzo
- Glass mosaic tiles

11 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.

12 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.

13 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.

14 NOTES

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SANBOND
STC Marketing
Vettukad, Malappuram, Kerala 673638, India

CALL +91 7736 555 666
E-MAIL info.sanbond@gmail.com
WEB www.sanbond.in