



TILE ADHESIVE 2727

All-rounder tile adhesive

Grip ON Tile Adhesive 2727 is specially formulated for the installation of Large Format Vitrified or Porcelain Homogeneous Tiles (or other tiles) & Marble or Granite Slabs with low water absorption rate. Suitable for both internal & external applications



Packaging Size: 40Kg Bag

Features and Benefits

- Ready to use, only need water for mixing.
- Suitable for indoor and outdoor use
- Excellent adhesion, Low shrinkage
- Useful for bed thickness of 3 to 12 mm
- No curing and hacking required on substrates
- Complies with ISO/EN standards with a C2TE classification.
- Low VOC - Healthy living
- Complies with IS 15477:2019 Type 3T

Recommended Substrate

- Cement Plaster
- Concrete
- Tile on Tile Application
- Cementitious Substrates
- Cement Screed
- External Top terrace

Application Methodology

Surface Preparation

- The surface to be tiled should be sound and thoroughly clean to remove all oil, grease and dirt. Surface should be in level to achieve desire coverage. Wet the surface before Application of Adhesive

Application Methodology

Mixing

- Add three parts of GRIPON tile adhesive 2727 powder to one part of water. The addition of water should be adjusted to attain the desired consistency. Always add powder into water.
- Mixing can be done manually or by low speed stirrer continuously for 5 to 10 min to obtain homogeneous lump free paste.
- After proper mixing leave paste for 5 minutes for polymeric dispersion.
- Use paste within 80-90 min.

Method of Application

- Spread the adhesive with notched trowel, remember to only apply the adhesive paste that can be tiled within 30 minutes,
- Start placing the tiles on the surface to be tiled. Place the tiles properly to ensure complete coverage of the backside of tiles and to eliminate the possibility of any air voids
- Double back buttering of Adhesive is recommended for fixing large format tiles
- Keep joints between two-tiles by using spacers to accommodate for thermal expansion & contractions

Precautions & Limitations

- Do not add more water than recommended
- Do not add cement at site
- Not recommended application on direct gypsum plaster, metal, wood surface and paint.
- If the tile adhesive is dried and skinned, then adhesive should be removed & replaced with fresh adhesive

Technical standards and performance

Appearance	Cement Grey Powder
Mix ratio	Approx. 3 Powder: 1 part of water (by vol.)
Open time	15-20 Minutes
Adjustment Time	20-25 Minutes
Potlife	80-90 Minutes
Coverage	22-25 Sq.ft/ 20 Kg Bag at 6 mm thickness 50-55 Sq.ft / 20 Kg Bag at 3 mm thickness
Foot Trafficable	24hrs
Applicable standard	ISO 13007/EN 12004/ IS15477, C2TE classification
Tensile adhesion strength	≥1 Mpa @ 28 days

Properties as per EN 12004: 2017 (C2TE)

Properties with Test Method	Requirements	Value range
Tensile Adhesion Strength (Clause 8.3)		
Initial	≥ 1.00 N/mm ²	1.20 – 1.40 N/mm ²
After water immersion	≥ 1.00 N/mm ²	1.10 – 1.30 N/mm ²
After heat aging	≥ 1.00 N/mm ²	1.00 – 1.30 N/mm ²
Open Time @ 30 Minutes: Tensile Adhesion Strength (Clause 8.1 & 8.3)	≥ 0.50 N/mm ²	0.55 - 0.65 N/mm ²
Slip (T) (Clause 8.2)	≤ 0.50 mm	0.25 - 0.35 mm

Properties as per IS 15477: 2019 (Type 3T)

Properties with Test Method	Requirements	Value range
Tensile Adhesion Strength (As per annexure A) Dry Condition Wet Condition	$\geq 1.50 \text{ N/mm}^2$ $\geq 1.00 \text{ N/mm}^2$	1.50–1.70 N/mm^2 1.10–1.30 N/mm^2
Shear Adhesion Strength (As per annexure B) Dry Condition Heat Aging Condition Wet Condition	$\geq 1.50 \text{ N/mm}^2$ $\geq 1.00 \text{ N/mm}^2$ $\geq 1.00 \text{ N/mm}^2$	1.50–1.80 N/mm^2 1.20–1.40 N/mm^2 1.10–1.20 N/mm^2
Open Time(As per annexure C)	As per Manufacturer	30 Minutes
Adjustment Time (As per annexure D)	As per Manufacturer	20 Minutes
Slip (As per annexure E)	$\leq 0.50 \text{ mm}$	0.25 - 0.35 mm

Packaging - Available in 40kg bag

Storage

- GripON Tile Adhesive 2727 has a shelf life of 12 months when stored in unopened bag under normal warehouse conditions.

Caution

- For Health & Safety Gloves should be worn during application. Any splashes on the skin or eyes must be washed off with clean water. In case of prolonged irritation medical advice should be sought.