

STRONG BOND-GOLD Type-1 Tile Adhesive



Polymer based Tile adhesive for fixing small to medium format ceramic tiles and small format natural stone on dry areas of interior floor & interior wall.

Features / Benefits

- Single component, just add water
- Interior applications, polymer based
- Economical & Easy to use
- Can be used up to Maximum 12 mm bed thickness
 - Exceeds ANSI A118.1t shear bond strength
 - Complies with EN/ISO with a C1T Classification
 - Exceeds IS 15477:2019-Type 1T Adhesive standards.
- Can be fortified with latex admix for external use

• Concrete • Concrete

Masonry • Cement Mortar
Beds • Cement Plaster •
Ceramic Tile* • Brick Masonry
• Cement Terrazzo • Existing
Natural Stone*

* Surface to be cleaned and roughened before installation of tiles or stones.

Application

Designed especially for dry areas of interior floor and interior wall installations of all types of ceramic tile, semi-vitreous tile, precast terrazzo and small format natural stones over concrete and on a variety of cement-based substrates.

TECHNICAL DATA

Performance Properties:

STRONG BOND-GOLD Adhesive mixed with Water

Applicable Standards:

ISO 13007;
IS15477:2019

IS Data		
Property: Test method	Requirement	Typical Values
Tensile Adhesion		
Dry Condition – Annex A (Clause 5.1)	Minimum 0.50 N/mm ²	0.60-0.70 N/mm ²
Shear Adhesion		
Dry Condition – Annex B (Clause 5.2)	Minimum 1.00 N/mm ²	1.05-1.15 N/mm ²
Slip Resistance		
Slip resistance – Annex E (Clause 5.5)	≤0.5mm	0.1-0.2 mm
ISO Data		
Property: Test Method	Requirement	Typical Values
Open Time IS 15477:2019	≥0.50 N/mm ²	0.65 – 0.68 N/mm ²
Slip Resistance IS 15477:2019	≤0.50 mm	0.30 - 0.40 mm
Tensile Adhesion Strength		
Dry Condition IS 15477:2019	≥0.50 N/mm ²	0.55 – 0.65 N/mm ²

Coverage will vary depending on trowel notch size, type and size of tile and substrate smoothness and evenness.

Specifications subject to change without notification. The results shown are typical but reflect test procedures used. Actual field performance will depend on installation methods and site conditions.

Working Properties at 70° F (21° C) STRONG BOND-GOLD Adhesive mixed with Water

Pot Life	3 - 4 hours
Time to Heavy Traffic	16 - 24 hours

Packaging:

20 kg bag

Colour:

Grey

Coverage: Approx. 55-60 Sft per 20 kg pack using 1/4x 1/4 (6mm x 6 mm) square notched trowel for a bed of 3mm.

INSTALLATION

Surface Preparation: All surfaces should be between 40° F (4 °C) and 104° F (40 °C) and structurally sound, clean and free of all dirt, oil, grease, loose peeling paint, laitance, concrete sealers or curing compounds.

Check the surface to be true to plumb. Rough or uneven

concrete surfaces

should be made smooth with STONGBOND SCREED/PLASTER Dry, dusty concrete slabs or masonry should be dampened, and excess water swept off.

Installation may be made on a damp surface.

New concrete slabs shall be damp cured and 28* days old before application.

*No minimum cure time for concrete slabs when thin-set mortar is mixed with latex additive.

Expansion joints shall be provided through the tile work from all construction or expansion joints in the substrate. Do not cover expansion joints with thin set mortar.

Mixing:

Place clean, potable water into a clean mixing bowl. Add STRONG BOND-GOLD TILE ADHESIVE powder into the mixing bowl.

approximately

4.6 – 5.4 L of water for 20 kg of

* Contact STRONG BOND technical services for large format tile or stone installations on exterior surfaces.

APPLICATION:

Apply adhesive to the substrate with the flat side of the trowel, pressing firmly to work into surface. Comb on additional adhesive with the notched side. Use the proper sized notched trowel to ensure full bedding of the tile. Spread as much adhesive as can be covered with tile in 10 minutes. Back butter large format tiles (> 12"x12") to provide full bedding and firm support. Place tiles into wet, sticky adhesive and beat in using a beating block and rubber mallet to imbed tile and adjust level. Check the adhesive for complete coverage by periodically removing a tile and inspecting bedding adhesive transfer onto back of tile. Use of STRONG BOND spacers is recommended to provide grout joints between tiles / stones. The joint width shall be as per the recommendation of architect / engineer. Remove the spacers when the adhesive is set firm.

Customer Care:

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