

GECO



TILEBOND

POLYMER MODIFIED TILE
& STONE ADHESIVE



SELF
CURING



EXCELLENT
ADHESION



FASTER
INSTALLATION



ECONOMICAL



Conforms to
IS 15477:2019

TYPE 1

Tilebond

GECO TILEBOND is a polymer-modified grey cement-based economy adhesive designed for fixing tiles and natural stones of regular sizes. It delivers good adhesion, and its self-curing property doesn't leave any air pockets resulting in stronger anchoring of tiles and stones.

Features



Self-curing

Retains moisture allowing the mix to cure properly, ensuring consistent strength and bonding.



Excellent Bonding Strength

Ensures tiles stay firmly in place for years, preventing cracks and loosening.



Faster Installation

Ready-mix formulas speed up the tiling process and save labour time.



Reduced Shrinkage

Minimises the risk of hollowness, cracks, and tile popping.



Better Coverage & Efficiency

Spreads smoothly for uniform application, reducing material wastage.



Economical

Offers reliable bonding performance at an affordable price, making it the ideal solution for budget-friendly tiling projects.

Areas of Application

GECO TILEBOND can be used:

- for fixing clay and ceramic tiles up to 300 x 300 mm in size and small format natural stones
- on interior floors in dry areas

Compliance

GECO TILEBOND conforms to IS 15477:2019 – Type 1 Adhesive standards.

Application Procedure

Surface Preparation

1. Ensure the substrate is properly cured, is flat without any undulations and has normal absorption.
2. Correct the undulations/damages on the substrate at least 48 hours before the application of TILEBOND.
3. Clean the substrate of dust, wax and any bond inhibiting compound.

Mixing

1. Gradually add TILEBOND to water as per the prescribed mixing ratio and mix until a workable paste is obtained. The total quantity of water may be slightly adjusted to achieve the required consistency.
2. After mixing, allow the paste to stand for 2 minutes for it to mature.

Fixing

1. Apply the mix on the substrate using the straight edge of the notched trowel and comb the applied adhesive using the notched side of the trowel to achieve the desired thickness.
2. Place the tiles firmly on the adhesive bed with a twisting motion, ensuring good initial bonding and eliminating the possibility of any air voids.
3. Tiles/stones should be fixed within 15 minutes of adhesive being applied.
4. To achieve a uniform thickness, at least 3 mm bed is needed for thin-bed application.
5. While fixing ceramic tiles, uniform minimum spacing of at least 2 mm should be left around each tile for effective grouting.
6. Clean off surplus adhesive from the tile face and between joints.
7. Joint grouting can commence after 24 hours with GECO JOINTFILL.

Working Properties

Appearance	Cement grey powder
Mixing Ratio	1 (Water) : 3 (TILEBOND)
Bed Thickness	2 to 6 mm
Pot Life	1 hour
Open Time	40 mins.
Adjustability	45 mins.
Foot traffic/ grouting	After 24 hours
Coverage	3.5 sq.ft./kg at 3 mm bed thickness

Note: Values will vary depending on service and surface conditions.

Technical Properties

Property	TILEBOND	Requirement as per IS 15477:2019 Type 1
Tensile Adhesion Strength		
Dry Condition	0.55 N/mm ²	>0.5 N/mm ²
Shear Adhesion Strength		
Dry Condition	1.05 N/mm ²	>1.0 N/mm ²
Slip Resistance	0.25	<0.5
Setting Time		
Initial Setting Time	3 to 4 hours*	
Final Setting Time	5 to 6 hours*	

*Setting time will vary depending on the service conditions such as surface temperature, humidity and wind

Packaging

GECO TILEBOND is available in 5 and 20 kg packaging.




Shelf Life & Storage

Shelf life is 12 months from the date of manufacturing, if stored in unopened and original packaging. Store in dry place away from direct sunlight.

Cautions

- Always add powder to water & never water to powder.
- Do not attempt to increase pot life by adding water.
- Do not add sand & cement at side.

Product Selection Chart

Product	Tiles & Stones Types	Size	Usage Areas
<p>Tilebond</p>  <p>IS 15477:2019 TYPE 1</p>	<ul style="list-style-type: none"> • Clay Tiles • Non-vitrified Ceramic Tiles • Small Format Natural Stones 	<p>Not more than 300 x 300 mm</p>	<ul style="list-style-type: none"> • Dry Interior Floors
<p>Tilebond Plus</p>  <p>IS 15477:2019 TYPE 2T</p>	<ul style="list-style-type: none"> • Clay Tiles • Ceramic Tiles • Vitrified & Non-vitrified Tiles • Glass Mosaic Tiles • Stone Tiles • Natural Stones 	<p>Up to 600 x 600 mm</p>	<ul style="list-style-type: none"> • Interior Floors & Walls • Exterior Floors • Wet & Submerged Areas
<p>Tilebond Classic</p>  <p>IS 15477:2019 TYPE 2T</p>	<ul style="list-style-type: none"> • Clay Tiles • Ceramic Tiles • Vitrified & Non-vitrified Tiles • Glass Mosaic Tiles • Stone Tiles • Natural Stones • Ideal For Light Coloured Tiles & Stones 	<p>Up to 600 x 600 mm</p>	<ul style="list-style-type: none"> • Interior Floors & Walls • Exterior Floors • Wet & Submerged Areas

Disclaimer: The product information and applications details given in this data sheet is meant to serve as a general guideline only. Users are advised to undertake a trial for product suitability prior to full-scale usage. There is no express or implied guaranty/warranty for the results. The company does not assume any liability or consequential damage for unsatisfactory results, arising from the use of our products.