

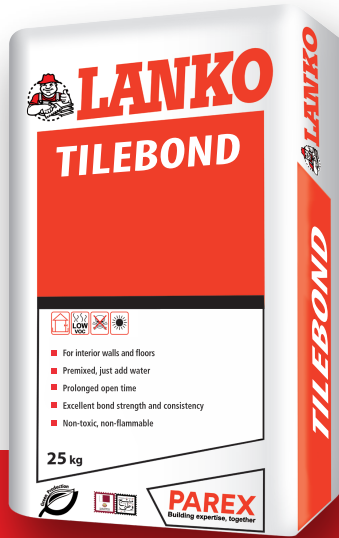


LANKO

TILEBOND

GENERAL PURPOSE CEMENT-BASED TILE ADHESIVE

T I L I N G A N D G R O U T I N G



CHARACTERISTICS

- For interior walls and floors.
- Premixed, just add water.
- Prolonged open time.
- Excellent bond strength and consistency.
- Non-toxic, non-flammable.
- Water-resistant.
- VOC - None (<10µg/l)

COVERAGE

3.5 to 4 kg/m² using a 6mm x 6mm notched trowel.

SHELF LIFE

Up to 12 months in unopened original container.

STORAGE

Store in an elevated, cool dry place.

PACKAGING

25 kg bag.

DESCRIPTION

TILEBOND is a cement-based tile adhesive specially designed for internal and external floor and wall tiling. It is ideal for installing mosaics, ceramic and homogeneous tiles.

APPLICATION RANGE

- For the installation of absorptive and non-absorptive wall and floor tiles for interior and exterior surfaces.
- Suitable for tiling on concrete, rendered brickwork and blockwork.

TECHNICAL DATA

- Appearance : Grey/white powder
- Water/powder ratio : 0.22 - 0.24 (or 5.5 - 6.0 litres of water per 25 kg bag)
- Open time (23°C) : Approx. 15 minutes
- Adjustability : 15 - 20 minutes
- Recommended thickness : 3 - 6 mm depending on the size and type of tiles.

Pull off strength test: BS 1881 Part 207

28 days >1 N/mm²

Working time: ATM C 308

60 minutes

Tensile Adhesion - EN 1346:2007

28 days @ 5 minutes 1.0 N/mm²

EN 12004: 2007 Test Analysis

Tensile Strength EN 1348 :2007

@28 Days (Heat Ageing) - 0.70 N/mm²

@28 Days (Water Immersion) - 0.80 N/mm²

@28 Days (Water Immersion&Freez/Thaw) - 0.60 N/mm²

@28 Days (Standard Conditions) - 1.00 N/mm²

Shear Strength ANSI A 118.4

@7 Days - 0.75 N/mm²

@28 Days - 1.10 N/mm²

APPLICABLE STANDARDS

BS 5950: 1980 as clause A Type 1

BS EN 12004:2007, ANSI 118.4

EN 1348 , EN 1346:2007

WORK INSTRUCTIONS

Substrate preparation

- The substrate must be sufficiently aged before tile installation.
- The substrate must be free of all traces of dust, oil, grease, wax and loose materials.
- Expansion joints must not be tiled over.
- Newly rendered surfaces must be allowed to cure for at least 7 days.
- Steel-trowel finished concrete must be acid-etched or wire brushed prior to tiling.
- Painted surfaces must be scrapped to expose the original substrate.
- Highly absorbent substrates should be dampened before spreading TILEBOND.
- Defective and unsound substrates should be repaired prior to tile installation.
- Ensure that the backs of the tiles are not dusty.

Product preparation

- Add one 25kg bag TILEBOND to 5.5 - 6.0 litres of clean water, mixing thoroughly using a power mixer until a homogeneous (lump-free) mixture is achieved.
- Allow the mixture to stand for 10 minutes and remix prior to use.

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Application

- Using a notched trowel, spread TILEBOND onto the substrate or onto the backface of the tiles. Both methods can be adopted when laying big tiles and tiles with deep grooves or ridges.
- To ensure good bonding, spread a thin coat of TILEBOND onto the surface using a straight edge trowel and then notch immediately with the correct thickness, using the suitable notched trowel depending on the type and size of the tiles.
- After applying TILEBOND, the tiles should be firmly pressed and knocked into position. Adjustment of tiles should be done within 15 minutes after installation.
- Do not spread more than 1m² of adhesive at one time and ensure that the adhesive is wet when the tiles are laid.
- Do not allow the adhesive to skin over prior to filling. If this occurs, it should be retrowelled to produce a fresh surface for receiving tiles.
- Ensure that there are no voids under the tiles by tapping tiles into position in order to ensure positive contact with the adhesive.

Grouting after tile installation

- Grouting should be carried out preferably at least 24 hours after the completion of tiling.
- For grout joints of up to 5 mm wide use SANITIZED COLOURED GROUT.

PRECAUTIONS

- Temperature range for use : +5°C to +45°C
- Apply only to clean, sound, resistant substrates, free of loose material.
- Clean tools and equipment with water before product dries.
- This product contains cement which may cause dermatitis. The use of protective gloves and goggles during handling is recommended. If skin irritation occurs seek medical attention promptly.

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