Fast Tuile

PU sealant for under-tile bonding quick curing. High-performance, single-component elastic polyurethane adhesive, specific for under-tile bonding.

GREENBUILDING RATING
REF. GBR DATA REPORT 06.24
APPROVED

Rating 1

- × Regional Mineral ≥ 30%
- × VOC Very Low Emission
- × Solvent ≤ 5 g/kg
- ✓ Low Ecological Impact
- × Health Care

1. Quick curing
2. Strong adhesion to tiles, under-tile slabs, treated or untreated wood
3. For flexible, elastic bonding
4. Ensures a perfect seal
5. Lasting performance

kerakoll

Areas of application

→ Rapid fastening together of terracotta tiles (CANAL tiles), bonding of tiles to under-tile slabs or to slats and rafters.
Component for interlocking under-tiles.
Fast, very strong and flexible bonding.
Compliant with NF P 85-610 standard.

Instructions for use

→ Substrate preparation
The substrates must be cohesive, dry, even, free from grease, dust and loose particles. The fitter is responsible for checking that the sealant is compatible with the substrate in terms of the risk of adhesion and staining. This product is not recommended for underwater uses, on PP/PE, Teflon, PVC or bitumen surfaces.

→ Application
Apply with a spray gun. Comply with current professional rules.
Create sealant points between 1 and 1.5 cm^3
Apply without waiting for the tile and press the sealant points to a thickness of 3 mm in order to obtain a contact surface of a diameter corresponding to a 1-euro coin.
Single-tile laying (cover tile) on under-tile slabs: create 2 adhesion points between the tile and the slab and 2 points between the 2 interlocking tiles, giving a total of 4 points for every tile laid.
2-tile laying (cover tiles and pan tiles) on under-tile slabs or slats and rafters (fr: liteaux et voliges): create 2 adhesion points between the pan tile and the under-tile slab or on the slats/rafters, 2 points between the 2 interlocked pan tiles, 2 points between the cover tile and the pan tile and 2 points between the 2 interlocked cover tiles, giving a total of 8 points for 2 tiles (1 pan + 1 cover) = 4 points for every tile laid.
Bonding is optimal after 24 hours of curing.
Fastening of under-tiles by flexible bonding is permitted in case of a slope of between 9 and 60%. Comply with the Unified Technical Document (NF DTU) in force. Fastening of certain tiles (first row, edge, drainage tiles...) must be completed by a tie or hook in certain cases, as indicated by the DTU. Bonding of under-tiles on slats and rafters is a laying common practice not yet listed in the DTU.
The adhesive sealant can be used equally well as a fastening complement for interlocking under-tiles and especially the Canal mechanical interlocking under-tiles.

Certificates and marks

FABRIQUÉ EN FRANCE

CONFORME NF P 85-610

FDES VÉRIFIÉE inies

ÉMISSIONS DANS L'AIR INTÉRIEUR* A+ (A+ A B C)

** Émission dans l'air intérieur Information sur le niveau d'émission de substances volatiles dans l'air intérieur, présentant un risque de toxicité par inhalation, sur une échelle de classe allant de A+ (très faibles émissions) à C (fortes émissions).*

Technical Data compliant with Kerakoll Quality Standard		
Film formation time	≈ 45‘ – (+23 °C, +50% R.H.)	
Curing rate	≈ 1.6 mm / 4 h – (+23 °C, +50% R.H.)	
Curing rate	≈ 4 mm / 24 h – (+23 °C, +50% R.H.)	
Resistance to flow at +23 °C	≤ 3 mm	ISO 7390
Resistance to flow at +50 °C	≤ 3 mm	ISO 7390
Application temperature	+5 °C / +40 °C	
Specific weight	1,4 g/cm^3	
Shelf life	≈ 12 months in the original packaging, sealed and protected against damp	
Packaging:		
- 300 ml Cartridge	12 per box / 108 boxes per pallet	
- unipack 400 ml	40 per box / 36 boxes per pallet	

Values taken at +23 °C, 50% R.H. and no ventilation. Data may vary depending on specific conditions at the building site, i.e.temperature, ventilation and absorbency level of the substrate and of the materials laid.

Performance		
HIGH-TECH		
Shore A Hardness	30 - 40	ISO 868
Modulus of elongation at 100%	0,55 - 0,65 MPa	ISO 8339
Elongation at break	> 100%	ISO 8339
Elastic recovery	> 70%	ISO 7389
Application temperature range	-20 °C / +80 °C	
Shrinkage	≤ 10%	ISO 10563

Chemical resistance (information purposes only): to water, cleaning agents, accidental spillage of oils and hydrocarbons, acids, diluted alkalis. Due to polyurethane's sensitivity to UV light, pale colours may change over time. This change is merely aesthetic and has no influence on the mechanical properties of the cured products.

Coverage

≈ 200 – 300 points (equal to 50 – 75 under-tiles) with 1 cartridge (300 ml)

≈ 270 – 400 points (equal to 60 – 100 under-tiles) with 1 unipack (400 ml)

Chemical resistance (information purposes only): to water, cleaning agents, accidental spillage of oils and hydrocarbons, acids, diluted alkalis.

colour chart

brown 8011	
tile colour	

Shades shown are purely indicative.

Warning

→ Product for professional use
→ store in a well ventilated room at a maximum temperature of +30 °C
→ see the safety data sheet
→ for any other issues, contact the Kerakoll Worldwide Global Service +33 (0) 4 72 89 06 80 - globalservice@kerakoll.com

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