



TwinBond Stone

CONSTRUCTION ADHESIVE FOR BRICK SLIPS: HIGH INITIAL GRAB, FAST INSTALLATION

- ✓ High initial grab: the brick slip stays in place when bonded vertically
- ✓ Fast installation: single component, no mixing and no preparation time
- ✓ KOMO-certified adhesive system SKGIKOB.018358.02.NL
- ✓ Fire class B-s1,d0 to NEN-EN 13501-1 in the tested build-up



Technical Info

All properties at 23°C/50% relative humidity.

- Composition: 1-component MS polymer, moisture-curing. Does not contain phthalates, solvents, isocyanates or silicones.
- Form: paste.
- Consistency: dimensionally stable.
- Density: $1,48 \pm 0,05 \text{ g/cm}^3$.
- Shore-A-hardness (DIN 53505): 50.
- Modulus elongation at 100% (DIN 53504 S2): $\pm 1,2 \text{ N/mm}^2$.
- Elongation at break (DIN 53504 S2): $\pm 400\%$.
- Tensile strength (DIN 53504 S2): $\pm 2,2 \text{ N/mm}^2$.
- Shrinkage (DIN EN ISO 10563): $\leq 6\%$.
- Open time: 8 min.
- Curing through:
 - after 24h: $\geq 3,0 \text{ mm}$;
 - after 48h: $\geq 5 \text{ mm}$.
- Consumption with Ten-Way Nozzle:
 - 1 l/m^2 . Approximately 0.29 m^2 per 290 ml cartridge;
 - 0.6 m^2 per 600 ml sausage;
 - 20 m^2 per hobbock.
- Consumption in adhesive beads:
 - 7.5 m per 290 ml cartridge
 - 15 m per 600 ml sausage
- Application temperature: from +5°C up to +40°C.

Product

Characteristics

TwinBond Stone is a one-component MS polymer adhesive for bonding brick slips to backing boards in ventilated facade constructions. Its high viscosity gives the adhesive a high initial grab, which allows brick slips to be bonded vertically without support. Where brick slips are traditionally set in cement-based adhesive, TwinBond Stone requires no mixing and no preparation time. The adhesive remains elastic. Apply in adhesive beads or across the full surface, with a manual or pneumatic gun.

Applications

- Bonding brick slips to fibre cement backing boards in ventilated facade constructions
- Bonding stone strips in ceramic, natural stone and concrete
- Vertical and horizontal bonding of heavy materials: natural stone, ceramic and composite panels

- Application conditions: Relative humidity below 90 per cent; substrate temperature more than 3 °C above the dew point.
- Temperature resistance: -40°C to +90°C.
- VOC content: Directive 2010/75/EU: 0%.
- Shelf life: 18 months, keep dry, cool and frostfree.
- Safety measures: consult the Safety Data Sheet.

Packing

TwinBond Stone black - cartridge 290ml	550354924
TwinBond Stone black - sausage 600ml	550348924
TwinBond Stone grey - drum 180L (on request)	550337924
TwinBond Stone black - drum 180L (on request)	550338924
TwinBond Stone black - hobbock 20L (on request)	550332924
TwinBond Stone grey - hobbock 20L (on request)	550333924

Use

- Consult the detailed processing guidelines at www.twinbond.com
- Work between +5 °C and +40 °C, at a relative humidity below 90 % and with a substrate temperature at least 3 °C above the dew point.
- The substrate must be dry, clean, flat and stable. Clean and degrease with TwinBond Clean or TwinBond Foam. Brush the back of the brick slips clean and remove loose particles.
- Bond the backing boards to one another with TwinBond Panel or TwinBond Stone at a board spacing of 3 mm, to prevent moisture ingress.
- TwinBond Stone is applied with the 10-way nozzle or in adhesive beads. Place the brick slip within the 8-minute open time and press it firmly home.