

Alsibond K

Mineral thin-bed adhesive C1 TE in accordance with DIN EN 12004 as adhesive for ceramic cladding and glass mosaics.

AREAS OF APPLICATION

Thin-bed adhesive for cleaving tiles, clinker brick slips, ceramic tiles / panels and glass mosaics installed as part of an alsecco façade system with hard cladding.

Bonding of ceramic cladding to suitable, sound, mineral substrates.

PRODUCT PROPERTIES

- Extremely easy to apply
- Strong adhesive power
- High level of stability
- For interior and exterior application
- Deformable

TECHNICAL DATA

Binder base	Mineral binding agent according to DIN EN 197-1 Resin dispersion powder
Apparent density of set mortar	approx. 1,5 g/cm ³
Type / Class	C1 TE according to DIN EN 12004-1
Adhesive pull strength	≥ 0,5 N/mm ² in accordance with DIN EN 1348 after dry storage ≥ 0,5 N/mm ² in accordance with DIN EN 1348 after immersion in water ≥ 0,5 N/mm ² in accordance with DIN EN 1348 after heat ageing ≥ 0,5 N/mm ² in accordance with DIN EN 1348 after freeze-thaw cycles ≥ 0,5 N/mm ² at least 30 minutes in accordance with DIN EN 1348 Extended open time
Fire behavior	A2-s1, d0 according to DIN EN 13501-1
Slippage	T (≤ 0,5 mm) according to DIN EN 12004-2

APPLICATION INSTRUCTIONS

DIN 18515-1 must be observed when installing tiles and panels on façades.

To ensure that the joints between mosaic tiles are properly sealed and spotless, the bedding mortar must first be removed from the grout joints to a uniform depth, even when fixing paper-faced mosaic tiles.

Substrate pre-treatment	All substrates must be sound, even, clean and free from adhesion-reducing residue. The tiling surface must be true and plumb in compliance with DIN 18202.
Mixing	25 kg of material (one sack) in approx. 7,0 - 7,5 l of water Mix with electric mixer or compulsory mixer.
Application	Fix the ceramic cladding in position using the combined method (floating-buttering method) in accordance with DIN EN 12004-1. Apply adhesive to the substrate with a notched trowel and also spread an even, thin layer on the back of the tiles. Slide the tiles in position and press into the wet adhesive.

Hard cladding	Recommended notched trowel
Glasmosaik	6 mm comb and smooth over
Keramik	8 mm comb
Spaltklinker	10 mm comb
Klinkerriemchen	10 mm comb

Only ever apply as much adhesive as can be covered with cladding before a skin is formed.

Consumption	approx. 3,5 - 6kg/m ² depending on the notch size of the selected notched trowel Determine the precise material requirements by means of a trial coating on the object.
Information about the weather	Temperatures below +5 °C may not arise during application and drying. Do not apply in direct sunlight. In the case of wind, please observe shorter setting times.
Drying time	approx. 2 - 3 days Dependent on temperature and relative humidity.
Cleaning of tools	In a fresh state with water.

STORAGE

Dry, protected against moisture, cool, shelf life in original sealed packaging of at least 1 year.

