



FACING SYSTEMS

WILD STONE LM

Flexible cement tile adhesive - C2TE S1, for bonding polystyrene, mineral wool and trowel coating

Properties

- Type C2TE S1 according to EN 12004:2001
- Highly flexible
- For walls and floors
- Water and frost resistant
- With reduced slip
- For interior and exterior
- High tensile and compressive strength
- Excellent adhesion and workability

Fields of application

The WILD STONE LM adhesive is designed for bonding all types of tiles in both indoor and outdoor environments, including extremely non-absorbent elements. Designed for bonding to highly stressed (cars, trucks) floors, sunlit outdoor areas and floors with built-in heating, to old tiles, waterproofing materials (TH 480 interior, HI 180 exterior). When using Bralep PE 280H or Bralep 280 (1:1) bonding primer, it is possible to bond on anhydrite screeding and screeds. Also suitable for wood and chipboard substrates using an adhesive bridge.

Composition

A mixture of Portland cement, aggregates, fillers and refining additives.

Specifications

initial tensile adhesion	at least 1 MPa (ČSN EN 1348)
tensile adhesion after immersion in water	at least 1 MPa (CSN EN 1348)
tensile adhesion after freeze/defrost cycles	at least 1 MPa (ČSN EN 1348)
tensile adhesion after exposure to	at least 1 MPa (ČSN EN 1348)
setting time: tensile adhesion after not less than 30 minutes	at least 0.5 MPa (CSN EN 1346)
lateral deformation (deflection)	at least 2.5 mm (CSN EN 12002)
slip	maximum 0.5 mm (CSN EN 1308)
granularity	0-0.5 mm
workability	about 3 hours
bulk density of fresh mortar	1,500 kg/m ³
amount of mixing water	280 ml/1 kg
consumption	
tiles up to 20x20 cm	tooth height 6 mm: 2.5-3.1 kg/m ²
size up to 35x35 cm	tooth height 8 mm: 3.4-4.5 kg/m ²
larger tiles and floor tiles	tooth height 10 mm: 4.2-6.3 kg/m ²
packing	9 kg, 25 kg

Store in a closed container, in dry area, protected from moisture. Under these conditions, it retains the declared properties for 12 months from the date of manufacture.

Substrate preparation

The substrate must be pre-levelled, matured, dry, free of dirt, adhesive residues, grease, incoherent coatings and dust. Very absorbent substrates should be primed with WILD STONE PN to avoid the shortening of the open time. Thorough penetration must be carried out before bonding to plasterboard and cement-bonded particleboards and anhydrite substrates. Non-absorbent, wood and chipboard substrates must be provided with an adhesive bridge in a thin layer (0.5mm) 24 hours before bonding. The adhesive bridge is any adhesive of the BRALEP OL series in a thin consistency, for which the BRALEP PE 280 penetration substance is used for its dilution instead of water.

Working process

The dry mixture is mixed into clean cold water at the prescribed ratio (280 ml/1 kg) and mixed thoroughly with a stirrer to produce a homogeneous lump-free mass. Allow to stand for 5 minutes and then mix again briefly. The sealant prepared in this way is spread onto the substrate by means of the smooth side of the stainless steel trowel, and the resulting adhesive layer is then brushed by the toothed side to provide the required amount of adhesive. The tiles are pressed down firmly or tapped with a rubber hammer into the adhesive bed. If the tiles cannot be laid within 20 minutes, the applied adhesive must be removed. It is not necessary to pre-soak the tiles in water! When bonding large-format tiles, bonding to uneven substrates or bonding highly stressed surfaces, the adhesive must also be applied in a thin layer to the back of the tile. The prepared sealant in the container is workable for about 3 hours (depending on the ambient temperature); do not dilute the solidified mixture and do not process it. Tiling, substrate and ambient temperatures must be in the range of 5-25°C when applied. Do not use in expected frost. High temperatures shorten the open time, the wet substrate increases the cure time. The used tools and adhesive can be washed with water before solidification; remove the hardened adhesive mechanically and then clean it with diluted vinegar or special agents used to remove cement coatings. Joining can be done in 24-48 hours; it can be fully loaded after 3 days.

Safety measures

First aid:

In case of contact with skin, wash it with soap and water, in case of contact with eyes, rinse them with water for 10-15 minutes, if accidentally swallowed, rinse mouth with water and drink about half a litre of water. Do not induce vomiting. In all serious cases of health damage seek medical attention.

Waste disposal:

Unused material residues are disposed of by using normal procedures (incinerators, landfills). Avoid the product from entering soil, sewage systems and groundwater. Cured residues according to Waste Catalogue, catalogue no. 17 09 04 and category O. Take the empty packaging to separate waste collection points for recycling. According to Waste Catalogue, catalogue no. 15 01 01 and category O.

Xi	Irritant
R36/37/38	Irritating to eyes, respiratory system and skin.
R41	Risk of serious damage to eyes.
R43	May cause sensitisation by skin contact.
S2	Keep out of the reach of children.
S22	Do not breathe dust.
S25	Avoid contact with eyes.
S26	In case of contact with eyes, rinse immediately with plenty of water and seek medical attention.
S36/37/39	Wear suitable protective clothing, gloves and goggles or a face shield.
S46	If swallowed, seek medical advice immediately and show this container or label.

Certificates

WILD STONE LM assessed by TZUS PRAHA s.p. (NO 1020) Protocol No. 1020-CPD-016160 of 25 February 2008, and STO No. 020-028732 of 18 December 2012

Warning: The manufacturer fully guarantees the quality of the product as set out in PN 301807. Because it does not affect the conditions of processing and professional execution of the work, it cannot assume responsibility for the final quality of the work. Under the given conditions, it is recommended to carry out a practical test in advance. The manufacturer reserves the right to change the text. With this version, all previous texts expire.