Product Information:

Cool Tack 286



Construction adhesive able to cure in temperatures down to -15 ºC.

General description and application:

Cool Tack 286 is a neutral, odourless, moisture curing adhesive, free of solvents and phthalates. Forms a strong but still elastic joint that can absorb movements between building sections.

Cool Tack 286 can be used in- and outdoors, on the wall, roof and floor. Suitable for mounting of mirrors, panels and different types of construction boards. Adheres to a wide selection of materials; wood, glass, concrete, bricks, fibre glass, painted surfaces, Perspex, PVC and most types of metal and rubber.

Cool Tack 286 is particularly suitable for bonding of roof tiles.

Cool Tack 286 cures thanks to its Cool Cure Technology at temperatures down to -15 ºC.

Cool Tack 286 has an excellent resistance to climatic influence.

The product is registered in the database for construction products that can be included in the Nordic Ecolabelled construction.

Physical / chemical properties:

Adhesive:

Type: Moisture curing, neutral Silane Modified Polymer (SMP), 1-component
Contains fungicide: No
Consistency: Thixotropic
Shelf life: 24 months in tightly closed packing if stored cool.
Packaging:

Item no.	Size	Colours
28922	290 ml	White
28923	290 ml	Gray
28925	290 ml	Black
28926	290 ml	Red
28962	600 ml	White

Cured adhesive:

Paintable: Yes.
Hardness: Approximately 60 Shore A (ISO 868)
Tensile strength: 1.9 N/mm^2 (ISO 8339)
Secant- modulus (50%elongation): 2.1 N/mm^2 (ISO 8339)
Elasticity: +/- 20%
Resistance: Temperature: approx. -40 °C to +90 °C
Climatic ageing: Good
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Directions for use:

Preparation:	*All surfaces must be clean, dry, free of grease, dust and loose particles as well as snow and frost. The cartridge needs to be at room temperature when used. Cool Tack 286 can be used on surfaces like bricks, concrete, wood, glass, most painted surfaces and several types of metal, plastic and rubber.* *In practice, variations can occur in the different materials, therefore it is always recommended to carry out sufficient bonding tests before starting – particular in larger applications.* *Bonding of Clay tiles (standard and engobated):* *The tiles must be cleaned from dust and loose particles and primed with Primer 963.When the primer is completely dry after approx. 30-60 minutes the adhesive Cool Tack 286 is applied. Special notice must be taken when bonding wing-shaped tiles.*
Applications temperature:	*Can be applied at temperatures from -1**5 °C to +40 °C.***
Application:	*Cool Tack 286 is applied in lines at the substrate or at the materials to be bonded, in distances of 5-20 cm, depending on the required strength. Some applications might require special techniques, always follow the instructions from the supplier.*
Yield:	*2 – 3 m²/cartridge, depending on dimensions and required strength.*
Assembling time:	*2 - 5 minutes, depending on the type of substrate, materials and temperature.*
Assembling:	*The materials are pressed carefully to the substrate.*
Curing:	*Curing time: approx. 2 mm/ day, depending on moisture and temperature.*
Cleaning:	*Uncured adhesive can be removed with wipes.* *Cured adhesive can only be removed mechanically.* *Hands should be washed with water and soap.*

Health and Safety:

For further information on safety, please refer to product safety datasheet.

The information and data contained in this Product Information sheet are based on extensive laboratory testing and our practical experiences and are meant for helping the user to find optimum working methods. As the conditions at the user are beyond our control, we make no warranties concerning the results, achieved by the products. The information's in this Product Information sheet are typical values, intended as a guideline. They should not be regarded as product specifications. Please also refer to our standard sales conditions and terms of delivery.

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