

Product Information:

Cool Tack 286

Construction adhesive able to cure in temperatures down to -5°C.

General description and typical applications:

Cool Tack 286 is a neutral adhesive, curing by humidity from air. The adhesive is free of solvents and phthalates. Forms a strong but still elastic joint which can take up movements from joining building sections.

Cool Tack 286 is odourless, fast curing, and has a remarkable resistance to climatic influence.

Cool Tack 286 is suitable for in and outdoor, on the wall, roof and floor. Thanks to the Cool Tack Technology it is able to cure at temperatures down to -5°C. Good when mounting of mirrors, panels and different types of construction boards shall be fast and safe. Adheres to a wider selection of materials; wood, glass, concrete, bricks, fibre glass, painted surfaces, Perspex, PVC and some types of rubber.

Cool Tack 286 is also particular usefull to bond roof tiles.



Physical / chemical properties:

Adhesive:

Type: Humidity 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
29922	290 ml	White
28925	290 ml	Black
28926	290 ml	Red

Cured adhesive:

Paintable: Yes.
 Hardness: Approximately 60 Shore A (ISO 868)
 Tensile strength: 1.9 N/mm² (ISO 8339)
 Secant- modulus (50%elongation): 2.1 N/mm² (ISO 8339)
 Elasticity: +/- 20%
 Resistance: Temperature: approx. -40 °C to +90 °C
 Climatic ageing: Good



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 metals, most painted surfaces and several plastic and rubber-types.*
- In practice, variations can occur in the different materials, therefore it is always recommended to carry out sufficient bonding tests before starting – in particular larger – applications.*
- Bonding of Clay tiles (standard and engobated):**
The tiles must be cleaned from dust and loose particles and primed with Primer 961. 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 -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.*
- It can be possible to mount an object of 10 x 10 cm with a weight of 1 kg without support if approx. 75% of the surface is covered in glue. These numbers are only rough estimates and usage needs to be evaluated separately for every assignment.*
- The adhesive will cure at a speed of approx. 2 mm/ day, depending on moisture and temperature.*
- Cleaning:** *Tools can be cleaned – and adhesive removed – f.ex. heptane, white spirit or Wipes 915. Cured adhesive can only be removed mechanically. Hands should be washed with water and soap.*

Safety:

Hazard symbols: None

For further information, please refer to 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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