

Product Information:

Turbo Tack 291

Fixates heavy parts on wall and ceiling without support

General description and application:

Turbo Tack 291 is a neutral, odorless, moisture curing adhesive, free of solvents and phthalates. Forms a strong elastic joint that can absorb any movements between building sections.

Turbo Tack 291 can be used indoors and outdoors on wall, roof and floor. Suitable for tasks where fast adhesion is required, e.g. for mounting mirrors, panels and different types of construction boards without support.

Turbo Tack 291 adheres to a wide selection of materials; wood, glass, concrete, bricks, fibre glass, most metals, painted surfaces, Perspex, PVC and some types of rubber.

Turbo Tack 291 has an excellent resistance to climatic influences.

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 unopened packing if stored cool.*
Notice: Shelf life for tube quality: 12 months.

Packaging:

Item no.	Size	Colours
29175	75 mL tube	White
29132	290 mL cartridge	White
29162	600 mL foilbag	White

Cured adhesive:

Paintable: *Yes.*
 Hardness: *60-65 Shore A (ISO 868)*
 Tensile strength: *ca 2.8 N/mm² (ISO 37)*
 Elongation: *ca 300 % (ISO 37)*
 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. Turbo Tack 291 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 – particular in larger applications.*
- Applications temperature:** *Can be applied at temperatures from **+5 °C to +40 °C**.*
- Application:** *Turbo Tack 291 is applied in lines at the substrate or at the materials to be bonded, in distances of 3 - 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:** *5 - 10 minutes, depending on the type of substrate, materials, and temperature.*
- Assembling:** *The materials are pressed carefully to the substrate.*
- Load carrying capacity on wall without support corresponds to a part with a size of 10 x 10 cm and a weight of 1 kg which needs approximately 75% of its back side covered by glue. The numbers shall be regarded as a rough measure and the required consumption of glue should be based on experience.*
- Curing:** *Curing time: approx. 2 mm/ day, depending on moisture and temperature.*
- Cleaning:** *Tools can be cleaned, and adhesive removed e.g. heptane, white spirit or Wipes Sensitive 915. Cured adhesive can only be removed mechanically. Hands should be washed with water and soap.*

Health and Safety:

For further information on safety, 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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