

Product Information:

Turbo Tack 291

Fixates heavy parts on wall and ceiling without support

General description and application:

Turbo Tack 291 is a neutral curing 1-component adhesive with an high initial tack.

Turbo Tack 291 is phthalatefree and forms a strong elastic joint that can absorb any movements between building sections.

Turbo Tack 291 can be used for in- and outdoors on wall, roof and floor and has an excellent resistance to climatic influences.

Turbo Tack 291 contains neither acid, solvent, silicone nor isocyanate and is suitable for mounting of mirrors, panels and various types of insulation and construction boards, often without the need of support.

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

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
29135	290 mL cartridge	Black

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.
Turbo Tack 291 is not suitable for plastics like PP, PE, PTFE and nylon, as well avoid gluing on bitumen-based products.*
- 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 glue strings to the substrate or on the materials to be bonded, at a mutual distance of 3 - 20 cm, depending on the required strength. Some applications might require special techniques, always follow the instructions from the supplier, it might be necessary to support the materials during the curing process.*
- 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:** *Uncured adhesive can be removed white wipes.
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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