

**Product Information:**

# Construction Extra 292

**Phthalatefree construction adhesive**

**General description and application:**

Construction Extra 292 is a neutral curing 1-component adhesive, free of solvents and phthalates. Forms a strong but still elastic joint that can absorb any movement between building sections.

Construction Extra 292 can be used for in- and outdoor application on wall, roof and floor. Suitable for mounting of mirrors, panels and different types of construction boards.

Construction Extra 292 adheres to a wide selection of materials, wood, glass, concrete, bricks, fibre glass, painted surfaces, Perspex, PVC and most types of metal and rubber.

Construction Extra 292 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 and dry.  
 Packaging:

Item no.	Size	Colours
29232	290 mL cartridge	White
29233	290 mL cartridge	Grey
29235	290 mL cartridge	Black
29262	600 mL foilbag	White
29263	600 mL foilbag	Grey
29265	600 mL foilbag	Black

**Cured adhesive:**

Paintable: Yes.  
 Hardness: Approx. 60 Shore A (ISO 868)  
 Tensile strength: 3,0 N/mm<sup>2</sup> (ISO 37)  
 Elongation: 200 % (ISO 37)  
 Elasticity: +/- 20%  
 Resistance: Temperature: approx. -40 °C to +90 °C  
 Climatic ageing: Good



## Directions for use:

- Preparation:** *All surfaces must be clean and dry, free of grease, dust and loose particles. Construction Extra 292 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 commencing – particular in larger applications.*
- Applications temperature:** *Can be applied at temperatures from +5 °C to +40 °C.*
- Application:** *Construction Extra 292 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 m<sup>2</sup>/cartridge, depending on dimensions and required strength.*
- Assembling time:** *Within 4 - 8 minutes after application of glue strings*
- Assembling:** *The materials are pressed carefully to the substrate.*
- When mounting heavy materials, or for special applications, it might be necessary to support the materials during the curing process.*
- Mounting of mirrors:** *The adhesive is applied in vertical strings with approx. 10 cm distance. The mirror should be supported for 2 days after mounting.*
- Mounting of acoustic boards:** *Construction Extra 292 is applied in strings at the backside of the board. The board is mounted with a firm pressure. Normally additional support is not necessary.*
- 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, 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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