

**Product Information:**

# Vapour Foil Adhesive 298

**Water based adhesive for vapour barriers**

**General description and applications:**

Vapour Foil Adhesive 298 is a water-based dispersion adhesive, specially developed for bonding and sealing of joints between building parts and vapour barriers.

The Vapour Foil Adhesive 298 is tested according to EN 1026 (airtight up to 600 Pa) after wind impact according to EN 12211 (shifting pull & pressure of 1000 Pa, and also a stepwise pressure up to 2000 Pa), and takes part of the total construction to insure windproof buildings, and thereby the energy demands of the Danish building regulations.

The Vapour Foil Adhesive 298 secures a fast and closed bonding of the foil and building materials as stone, wood, plaster, concrete.

Vapour Foil Adhesive 298 is easy to apply, odourless and does not contain organic solvents, isocyanates or silicone.

The adhesive **must not** be used in the sanitary sector, on marble/natural stone, in underground applications, on bituminous substrates and in joints in constant contact with moisture, e.g. concrete surfaces in contact with soil.

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



**Physical / chemical properties:**

**Adhesive:**

- Type: Water based 1-component dispersion
- Colour: Blue
- Consistency: Tixotropic
- Contains Fungicide: No
- Specific Gravity: Approx. 1,2 kg/L
- Shelf life: Minimum 12 months in unopened packing, if stored cool and dry.

**Packaging:**

Item no	Size
53839	300 mL cartridge
53840	600 mL foilbags

**Cured adhesive:**

- Colour: Blue
- Resistance: Temperature: approx. -25 °C to approx. +80 °C,
- Paintable: Yes



## Directions for use:

- Preparation:** *All surfaces must be clean, dry, free of grease, dust and loose particles. The adhesive can if necessary be used on slightly moisturised surfaces.*
- 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.*
- The adhesive **must not** be used in the sanitary sector, on marble/natural stone, in underground applications, on bituminous substrates and in joints in constant contact with moisture, e.g. concrete surfaces in contact with soil.*
- For choosing and application of foil and construction build-up, please refer to foil supplier and existing regulations.*
- Application temperature:** *Can be applied at temperatures from +5 °C to +40 °C.*
- Application:** *The tip of the cartridge is cut off with a keen knife after which the tip is cut with an inclined cut, which is a little smaller than the width of the joint. The sealant is applied by means of a hand- or pneumatic gun.*
- The Vapour Foil Adhesive 298 is applied as a 8 mm continuous bead on one side. Subsequently the foil is attached to the construction by slight pressing, leaving a 16 mm wide joint.*
- The Vapour Foil Adhesive 298 is recommended for bonding foil to absorbent building parts, e.g. squeezed joints, depending on the demand of strength. For bonding against non-absorbent building part and when overlap, please use a special tape.*
- Yield:** *approx. 7 running meters when applying 8 mm bead.*
- Curing:** *The curing time varies depending on the ambient conditions (temperature and humidity) and on the materials used, because the adhesive undergoes drying simply by release of water.*
- The adhesives consistency and tack secure fast a certain initial strength of the joint, but the bonding will only after 15 days have sufficient strength for a pressure test.*
- Treatment:** *After curing the adhesive can be painted with most types of paint. Because of the many different products in the marked, we recommend tests to be carried out.*
- Cleaning:** *uncured adhesive can be removed with a damp/wet cloth. Clean tools with water immediately after use. Secondary cleaning should be affected using a cleaning alcohol, e.g. isopropanol, so as to completely remove any residues of adhesive. Cured adhesive must be removed mechanically. Remaining residues can be softened with isopropanol and wiped off some time later.*

## 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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