

Technical Documentation

SEAL-IT® 680 DISPABOND EPDM

Product

The Seal-it® 680 DISPABOND EPDM, is a dispersion of high-performance polymers with water, resulting in a high-quality water-based EPDM adhesive without VOCs. To bond EPDM quickly, safely and in an environmentally friendly way. Suitable for most common surfaces.

Applications

The Seal-it® 680 DISPABOND EPDM is suitable for bonding EPDM to all kinds of absorbent materials, especially wooden boards, beams and roof boarding. Thanks to the PSA properties of the adhesive, it is even possible to obtain adhesion on non-absorbent surfaces. Aluminium or fleece laminated insulation boards and other substrates must be processed on both sides. The adhesive is suitable for manual processing with a brush, brush or roller.



Properties

- Very easy to process.
- Suitable for absorbent and non-absorbent surfaces.
- Strong tack.
- Can also be used on both sides.
- Very flexible
- Can be applied to most EPDM membranes.
- Long installation time
- Water-based glue
- Very environmentally friendly; VOC-free
- Pressure sensitive; PSA (Pressure Sensitive Adhesive)
- Good flow behavior

Standard assortment

Colour	1L jerrycan*	2,5L jerrycan*	5L jerrycan*
White	SI-680-0000-001	SI-680-0000-002	SI-680-0000-005

*Not kept in standard stock. Also available in 10L upon request.

Technical Product Data

PROPERTY	STANDARD	SPECIFICATION
Base		POLYMER® DISPERSION
pH	ISO 976	4,0 – 5,5
Viscosity	Brookfield RVT Spindel 5 20 rpm	8.000 – 1.000
Solids content	ISO 3251	61 – 65
Density	105°C 90min 1,5gr	+/- 1,06 kg/l

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Shelf Life

In unopened original packaging, store in a cool and dry place, between +5°C and +30°C, preferably between 15°C and 25°C, protected from the sun and high humidity. A low temperature will affect the viscosity, which will be higher. Shelf life of up to 12 months, after production date.

Application Conditions

- The surface must be dry – dust and grease-free. Processing temperature between +15°C and +25°C Stir / shake the product well and do not dilute. Apply the glue to the surface thick enough (this can be done with a brush or roller), then apply the EPDM membrane. Then press well. Allow enough time for drying. Only apply at an ambient temperature of 4°C or more and if there is no risk of frost in the next 24 hours.
- With a single-sided bonding it is necessary to apply sufficient glue, the foil can be applied in a wet adhesive layer. The foil can then still be repositioned. Roll the EPDM well after the glue has partly dried.
- With a double-sided bonding, it is important that the applied adhesive is dry before both sides are joined. This prevents moisture from being trapped under the membrane. As soon as both sides are dry, apply the membrane and press down.



Restrictions and Recommendations

Plasticizer, oil, and bitumen-containing materials should be tested in advance for suitability. Oil and solvent-based cleaner, paint, varnish, stain can affect the adhesive. It is advisable to test the material to be processed in advance for suitability. Only apply at an ambient temperature of 4°C or more and if there is no risk of frost for the next 24 hours. EPDM foil is available in various shapes and sizes, depending on the 'contamination' of the membrane, this can have consequences for the bonding. The adhesive adheres optimally to a clean, grease and dust-free surface, a soiled surface can have adverse effects on the adhesion.

Cleaning

Remove fresh, uncured and/or excess material from substrates and tools using SEAL-IT® 510 CLEANER. Clean hands/skin using SEAL-IT® 515 ULTRA WIPES. Cured material can only be removed mechanically, using the right tools.

Safety and Health

Avoid prolonged skin contact. In case of contact with uncured material in the eyes, rinse immediately with water and consult a doctor. Product safety data sheet is available upon request.

Warranty and Liability

Connect Products B.V. guarantees that its product, within the shelf life, is in accordance with the specifications. The liability will never exceed what is determined in our general terms and conditions of sale and delivery. In no case is the seller liable for any consequential damage. The information provided is the result of our tests and experience and is of a general nature. However, it does not imply any liability. It is the responsibility of the user to determine by his own tests whether the product is suitable for the application.

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