

Technical Documentation

SEAL-IT® 380 FOIL-BOND

Product

SEAL-IT® 380 FOIL-BOND is a high-quality, highly adhesive MS-Polymer-based® mounting adhesive. Specifically for bonding various plastic films and vapour barriers.

Applications

- Specially developed for bonding plastic films (PE, PVC, EPDM, DPC) to stone, concrete, plaster, metal and wood.
- For bonding and the watertight and airtight finish of synthetic films.
- Suitable for bonding the most common underlay membranes and vapour barriers.
- Bonding of PP foils around wood and carpentry, aluminium foils and almost all other building and insulation materials.

Properties

- Low-odour, shrink-free and blister-free curing.
- Durable, permanently plasto-elastic.
- Sublime adhesion without primer on almost all, even damp surfaces.
- Unique and strong adhesive properties on all plastic and aluminium foils and almost all other building and insulation materials.
- High thermal insulation value; Seals water and air leaks and reduces energy costs.
- Excellent processing properties.
- Plasticizer, phthalate, isocyanate, solvent and silicone free.
- Low emission, **VOC A+** certified.
- Permanently resistant to UV, weather, water, moisture and ageing.



Standard assortment

Color 12 x 600ml foil pack

Black SI-380-9200-600

Other colours and/or packaging on request.

Technical product data

PROPERTY	STANDARD	SPECIFICATION
Base		MS-POLYMER® 1-COMPONENT
Standing power	ISO 7390	<2 mm
Density	ISO 1183	1.22 g/ml
Shrinkage		None
Temperature resistance after complete curing		-40/+100°C

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Shelf life

Store in unopened original packaging, in a cool and dry place, between +5°C and +25°C. Shelf life for up to 15 months after production date.

Application conditions

- Processing temperature (ambient and substrate) between min. +5°C and max. +40°C.
- Material vertical (ventilating) and in sufficient thickness of approx. 7mm. Apply in grooves at a distance of min. 10cm and max. 20cm. Do not apply in dots!
- On clean, clean, compatible, load-bearing, grease- and dust-free surfaces.
- Completely remove loose components from surfaces using a suitable brush.
- Completely degrease greasy surfaces using SEAL-IT® 510 CLEANER.
- SEAL-IT® 380 FOIL-BOND has a broad adhesion spectrum, but highly porous surfaces can be pre-treated with SEAL-IT® 520 PRIMER. Pre-treat non-porous surfaces with minimal adhesion using SEAL-IT® 525 CLEAN & BOND.
- Apply primer easily, quickly, cleanly, evenly and not excessively using SEAL-IT® 590 PRIMER BOTTLE + QUALS, under the correct temperature and substrate conditions (see TDS).
- As soon as the primer is dry, apply SEAL-IT® 380 FOIL-BOND as soon as possible.

Paintability

SEAL-IT® 380 FOIL-BOND is excellent for repainting with emulsion paint systems. However, synthetic paint systems can slow down in drying. When SEAL-IT® 380 FOIL-BOND is painted over, this is always carried out professionally, in combination with a durable high-quality paint system that can sufficiently absorb movements from the elastic adhesive surface. This is to reduce cracking in the applied paint layer. Always apply paint systems under the correct ambient and substrate temperatures (see TDS of paint manufacturer). Always carry out a paint compatibility test beforehand.

Limitations and recommendations

SEAL-IT® 380 FOIL-BOND is not suitable for joint sealing and in combination with PC, PMMA, PTFE, neoprene and bituminous substrates. Do not load mechanically, thermally and chemically, for complete curing. Repair with the same product. Adhesive and joint sealants function more sustainably if they are periodically maintained and repaired in a timely manner. Always test adhesion and material compatibility beforehand.

Clean

Fresh, uncured and/or excess material removal from surfaces and tools using SEAL-IT® 510 CLEANER. Cleaning hands/skin using SEAL-IT® 515 ULTRA WIPES. Cured material can only be removed mechanically, with the right tools.

Health and safety

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



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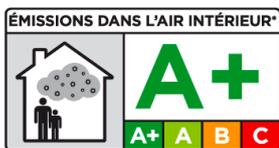
SEAL-IT® 380 FOIL-BOND

Warranty and Liability

Connect Products B.V. guarantees that its product is in accordance with the specifications within the shelf life. The liability will never exceed what is stipulated in our general terms and conditions of sale and delivery. Under no circumstances shall the Seller be liable for any consequential damages. The information provided is the result of our testing and experience and is of a general nature. However, it does not imply any liability. It is the user's responsibility to determine whether the product is suitable for the application through their own testing.

Certifications

VOC emission class A+.



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