

Product

A 1-component adhesive and sealant based on MS-Polymer® technology, which cures under the influence of humidity to a durable elastic rubber.

Application examples

Especially formulated for bonding and sealing various EPDM materials and synthetic sealing membranes to most common building materials, such as:

- aluminum (untreated, anodized, powder-coated)
- mineral substrates (concrete, stone, clinker, plaster)
- PVC windows
- steel (galvanized, powder coated)
- wood (test in advance)
- overlaps between EPDM membranes

Colour : black

Packaging : Foil packaging of 600 ml

Advantages/properties

- ✓ Excellent adhesion to many commercial EPDM qualities
- ✓ Permanently elastic
- ✓ Shrink-free
- ✓ High mechanical resistance
- ✓ No edge zone contamination for marble and natural stone
- ✓ neutral curing
- ✓ no blistering
- ✓ practically odourless
- ✓ Isocyanate-, solvent- and silicone-free

Application method

The supporting substrates must be clean, dry, stable and grease-free. The application of CS-EPDM Foil Primer is recommended on highly absorbent or damp substrates or at temperatures between +5°C and -10°C.

No primer is required on substrates such as glass, metal, mirrors, ceramics and non-porous substrates in general and various types of plastics. Due to the wide variety of substrates, a test beforehand is strongly recommended.

Safety in general

Avoid long-term contact with skin. If uncured material gets into eyes, rinse with plenty of water and consult a physician.

Restrictions

Among other things, not suitable for continuous underwater application and not for aquariums, PE, PP, Teflon, and bituminous substrates.

CS-EPDM FOIL BOND 00



Membrane n° 22003
Classe : B-C



Technical properties

Property	Value + unit
Base	MS-Polymer
Resistance to flow (ISO 7390)	< 2
Density	1,60 g/ml
Shore A hardness (DIN 53505)	50
Temperature resistance after complete curing	-40°C to +90°C
Application temperature	+5°C to +40°C
Skin formation (23°C/55%RV)	25-30 minutes
Tensile strength (DIN 53504)	1,75 MPa
Mechanical values	2 mm film
Elongation at break (DIN 53504)	520 %
Tear strength (DIN 53515)	22,3 N/mm
Modulus 100% (DIN 53504)	1,10 MPa
Shrinkage	nihil
Shelf life	In the unopened, original packaging, store cool and dry between +5°C and +25°C, can be stored for up to 18 months after production date

Use a hard pressure roller to press the sealant firmly onto the joinery / structure.



General information

The information contained in this document is provided in good faith and is believed to be correct. However, we have no influence on the conditions in which these products are used or the methods by which they are used. Therefore, this information is not a substitute for tests which the customer must perform himself/herself in order to ensure that the products are safe, effective and achieve the intended purposes. Suggestions regarding the use of the product must not be used as grounds for infringement of any patent whatsoever. The only guarantee Castelein Sealants offers is that this product complies with the Castelein Sealants terms and conditions of sale in force at the time of shipment. Your only remedy in the event of a breach of this guarantee is the refund of the purchase price or the replacement of the product that does not comply with the guarantee.

Technical data of supplier: 02 2022

The producer reserves the right to make changes. 2023 09 21