EPDM-Sealer

Elastic adhesive and sealant for EPDM-foils and membranes

TDS: EPDM-Sealer 2302EN

Elastic adhesive and sealant for bonding EPDM-foils and membranes on roofs and façades. Meets ISO11600F 25LM. EPDM-Sealer is SKH/KOMO certified.

Applications

- Bonding EPDM foils and membranes on roofs and facades
- Horizontal and vertical applications
- Application on metals, powder-coated, varnished, galvanized, anodized, chromed or hot zinc dipped surfaces, various plastics, ceramics, concrete, wood, etc. Connections are permanently elastic and waterproof

Features and benefits

- Provides adhesion on EPDM foils and suitable substrates
- Wide adhesion range to most building materials
- Simple processing at long processing time
- High elasticity (ISO11600-25LM)
- Resistant to ageing, UV radiation, weather influences, high and low temperatures
- Free of solvents, isocyanates and silicones
- Contributes to a healthy living environment

Testing and Certifications

- ISO11600 F25LM, Classification elastic joint sealant
- CE-Marking, EN15651-1: F Ext-Int CC 20LM
- SKH/KOMO Certification Nr. 33024
- Indoor Air Comfort GOLD, Emicode EC1-Plus, VOCA+ Regulation, BREEAM, Blue Angel, LEED v4.

Explanation: Indoor Air comfort Gold Certification confirms that the product meets the low EU emission requirements and is a sign that the applicant is focused on quality and contributes to a healthy environment.

Processing

Substrates should be clean, dry, sound and free off oil, grease or any sharp parts. Overlaps should have 50 mm width depending on the application. Cut off the nozzle at Ø 7mm and apply EPDM Sealer in 2 beads. After extruding a few meters, close the foil and spread the seams in between with a roller up to 1 mm thickness. EPDM Sealer is unsuitable for bonding to polystyrene foam. When in doubt please perform adhesion tests and/or consult our primer list.

Technical data at 20ºC and 60% RH

Processing temperature:	+5ºC to 40ºC
Temperature resistance:	-40ºC to 90ºC
Skin formation:	30 min.
Curing speed / 24 hrs:	2 mm
Hardness, ISO868:	24º Shore-A
Density:	1,4 g/ml
Modulus 100%, ISO 8339:	2,8 N/mm²
Tensile strength, DIN 53504 S2*:	0,7 N/mm²
Elongation at break, DIN 53504 S2*:	500%
Movement capability:	25%
Volume Change, ISO10563:	< 3%

*** This data are based on measurements after 7 days, 23°C and 50%RH**

Standard color

Black

How to use the product

Extrude with a standard caulking gun. Prior to skin formation, smoothen sealant surface using a spatula and Bloem Jointing Finisher. Remove spilled finishing fluid immediately after sealing. Cured sealant can only be removed mechanically.

Chemical resistance

- Strong against water, salt water, aliphatic solvents, oils, grease, diluted inorganic acids and alkalis.
- Moderate against esters, ketone and aromatics.
- Not resistant against concentrated acids and chlorinated hydrocarbons.

Packaging

290 ml cartridges and 600 ml sausages.

Storage and shelf life

Store in a cool and dry place (+5ºC < +25ºC.). Can be stored for at least 12 months in original unopened packaging.

Safety measures

Keep out of reach of children. May cause an allergic reaction. In general, long term skin contact should be avoided. Aerate the workplace properly. Prevent contact with food and other consumption products until the sealant has vulcanized. After contact with eyes, flush with plenty of water and consult a doctor if necessary. When used according to its intended purpose, the vulcanized product does not pose any risk. See MSDS (material safety data sheet) for additional info.

Transportation classification

Not applicable; no special measures required.

Bloem Sealants BV | Westvlietweg 69 | NL 2495AA Den Haag | Tel.: +31 (0)70 329 66 01 | info@bloemsealants.com | www.bloemsealants.com