

Product

Seal-it® 310 MS-EPDM is a durable and professional adhesive sealant with unique adhesion properties on EPDM material, that is based on MS-Polymer® technology and moisture-cures into a durable rubber that retains its elasticity.

Applications

- Specially designed for adhesion and/or sealing of EPDM films in roof, façade, floor and pond structures.
- Adhesion of building materials, such as plastics, stony surfaces, metals, alloys, treated and untreated wood, concrete and coating, lacquer and paint systems.

Properties

- Adheres perfectly to EPDM and most surfaces, even moist ones, without primer.
- Durable, retains elasticity, with high movement capacity.
- Wet-on-wet application.
- Non-shrink and bubble-free.
- Practically odourless curing MS-Polymer® system.
- Good resistance to UV, weather, water, moisture and ageing.
- Non-corrosive to metals.
- Free of isocyanate, solvents and silicone.
- Paintable with water-based and synthetic paint systems.
- Excellent absorption of acoustic and mechanical vibrations.



Standard product line

Colour	24 x 310ml cartridge	20 x 400ml foil packs	12 x 600ml foil packs
		No standard stock	

Other packaging on request.

Technical product data

Base			MS-POLYMER
Viscosity	mm	ISO 7390	<2
Density	g/ml		1.60
Skin formation time	min.	23°C/55% RH	25-30
Contraction			None
Temperature resistance once fully cured	°C		-40/+90
Mechanical values		2mm film	
Shore A hardness		DIN 53505	50
Modulus at 100%	MPa	DIN 53504	1.10
Tensile strength	MPa	DIN 53504	1.75
Stretch at breaking point	%	DIN 53504	520
Tear propagation	N/mm	DIN 53515	22.3



Shelf life

In unopened original packaging, stored in a cool dry place between +5°C and +25°C, the product will last up to 12 months after the production date.

Application conditions

- Application temperature (ambient and surface) between +5°C and +40°C.
- On stable, compatible, dry, uncontaminated, grease-free and dust-free surfaces.
- Use a suitable brush to remove any loose particles from the surface.
- Properly degrease greasy surfaces using Seal-it® 510 CLEANER.
- Seal-it® 310 MS-EPDM has a broad bonding spectrum, but highly porous surfaces should be pre-treated with Seal-it® 520 PRIMER and non-porous surfaces with minimal bonding should be treated with Seal-it® 525 Clean & Bond.
- Use Seal-it® 550 FINISH to apply a smooth and tight finish, before skin formation.

Paintability

Seal-it® 310 MS-EPDM is excellently paintable with emulsion paints. However, synthetic paints may dry slowly.

Cleaning

Remove fresh/uncured material from surfaces and tools using Seal-it® 510 CLEANER. Clean hands/skin with Seal-it® 515 ULTRA-WIPES. Cured material must be removed mechanically.

Limitations & recommendations

Not suitable for continuous water loads or dilation or glazing joints. Not suitable for applications in direct contact with natural stone, foodstuffs or the silver coating on mirrors. Not suitable for PE, PP, PC, PMMA, PTFE, soft plastic, neoprene or bituminous surfaces. Not fungicidal. Ensure adequate humidity in the immediate environment. We recommend testing adhesion and material compatibility in advance.

Health & safety

Avoid long-term contact with skin. If uncured material gets in your eyes, rinse out thoroughly with plenty of water and consult a physician. The product safety data sheet is available on request.

Warranty & liability

Connect Products BV guarantees that its product will meet the specifications during its shelf life. Liability shall never exceed that stipulated in our terms and conditions of sale and supply. Under no circumstances shall the seller be held liable for any consequential damages. The information provided is the result of our testing and experience and is general in nature. However, it does not entail any liability. Users are responsible for performing their own tests to determine whether the product is suitable for the application.

