

Product

Seal-it® 226 SILICON-CS is a high-quality, neutral-curing adhesive sealant that is particularly suited for expansion joints in construction, façades and glazing, is based on silicone technology and moisture-cures into a durable rubber that retains its elasticity.

Applications

- Particularly suited for sealing of expansion joints (dilation, connecting, mechanical and peripheral joints) between concrete, stone, masonry, stainless and other steel, coated and anodised aluminium, plastic, PVC, wood and glass in construction, façades and glazing.
- Joint seals in façades, floors, galleries, balconies, landings, terraces, staircases, storage rooms, parking garages, platforms, tunnels and roadway and bridge components.
- Apply a durable elastic seal at connections along windows, door and window frames, sections, panels, board materials, profiles, frames and prefab and other construction, façade and glazing components.
- Top and bead seals in glazing structures, in accordance with NEN 3576/NPR 3577.
- Repair compound for glazing, façade and construction joints, based on silicone.
- Ideal for sealing PMMA and polycarbonate sheet materials.

Properties

- Durable, retains elasticity, maximum movement capacity of 25%.
- Broad bonding spectrum, both porous and non-porous surfaces, without primer.
- Excellent workability, smooth application, full body, slow skin formation.
- Matt sealing surface, not glossy.
- Neutral, MEKO-free, acid-free and non-shrink curing, **CE-certified** silicone system.
- Non-corrosive to metals.
- Meets requirements for intruder-resistant glass, in accordance with the Secure Home Police Label (the "Politie Keurmerk veilig wonen").
- Free of solvents and organic plasticisers.
- Very low emission: certified VOC emission class A+.
- Good resistance to discolouration, UV, weather, water, moisture, cleaning products and ageing.
- Compatible in direct contact with PVB film on laminated glass and edge seals on double glazing.

Standard product line

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

Other colours and/or packaging on request.



Technical product data

Base	SILICONE ALCOXY		
Viscosity	mm	ISO 7390	<2
Density	g/ml		1.38
Skin formation time	min.	23°C/55% RH	10 – 15
Cures in 24 hours	mm	23°C/55% RH	2-3
Contraction			None
Permissible deformation	%		25
Temperature resistance once fully cured	°C		-50/+150
Mechanical values	2mm film		
Shore A hardness		DIN 53505	25
Modulus at 100%	MPa	DIN 53504	0.40
Tensile strength	MPa	DIN 53504	1.40
Stretch at breaking point	%	DIN 53504	590



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, clean, uncontaminated, grease-free and dust-free surfaces.
- Ensure proper joint dimensions, for proper absorption of any movements.
- Use a suitable brush to remove any loose particles from the surface.
- Degrease the surface properly using Seal-it® 510 CLEANER.
- Seal-it® 226 SILICON-CS 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® 226 SILICON-CS is not paintable. We recommend taping off joint edges to prevent silicone contamination on unpainted adjacent surfaces.

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 natural stone or aquarium applications. Not suitable for PE, PP, PTFE, neoprene or bituminous surfaces. Discolouration may occur under certain conditions, such as due to direct contact with chemicals, applications in dark rooms/spaces or release of plasticiser from the surface. 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. Use in well ventilated spaces and/or locations. 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.

Certifications

EN 15651-1: F-EXT-INT-CC
EN 15651-2: G-CC
VOC EMISSION CLASS A+

