

Product

Seal-it® 218 SILICON-CL is a fungicidal and neutral-curing sealant that is available in many colours, for structural, glazing, façade and sanitary joints, that is based on silicone technology and moisture-cures into a durable rubber that retains its elasticity.

Applications

- Specially designed for projects that require joint seals in specific colours for aesthetic reasons.
- Fungicidal joint sealant in sanitary spaces and other spaces with plumbing fixtures, such as bathrooms, showers, toilet rooms, saunas, kitchens, cold storage units, slaughter halls and washing and laundry rooms.
- Seal connecting and dilation joints between building components made from concrete, stone, masonry, stainless steel, plastic, PVC, polycarbonate, steel, coated and anodised aluminium, wood, composite and glass in façade and interior structures.
- Top and bead seals for insulating and laminated glass, in accordance with NEN 3576/NPR 3577.
- Joint sealant for sections, window and door frames, panels, boards and other building components.
- Repair compound for glazing, sanitary, façade and other joints, based on silicone.

Properties

- Durable, retains elasticity, maximum movement capacity of 25%.
- Excellent adhesion and working properties, versatile.
- Neutral, low-odour, acid-free and non-shrink curing, **CE**-certified silicone system.
- For orders starting from 1 cartridge, fast delivery within a few working days, in all NCS and RAL colours.
- Meets requirements for intruder-resistant glass, in accordance with the Secure Home Police Label (the "Politie Keurmerk veilig wonen").
- Fungicidal in accordance with ISO 846.
- Good resistance to discolouration, UV, weather, water, moisture, cleaning products and ageing.
- Non-corrosive to metals.
- Compatible in direct contact with PVB-laminated glass and edge seals on insulating glass.
- Free of solvents and organic plasticisers.
- Very low emission: certified VOC emission class A+.



Standard product line

Colour	310ml cartridge
Available in all NCS and RAL colours	SI-218-XXXX-310

Orders starting from 12 cartridges.

Technical product data

Base	SILICONE OXIME		
Viscosity	mm	ISO 7390	<2
Density	g/ml		1.03
Skin formation time	min.	23°C/55% RH	10-15
Cures in 24 hours	mm	23°C/55% RH	2
Contraction			None
Permissible deformation	%		25
Temperature resistance once fully cured	°C		-40/+120
Mechanical values	2mm film		
Shore A hardness		DIN 53505	18
Modulus at 100%	MPa	DIN 53504	0.35
Tensile strength	MPa	DIN 53504	1.15
Stretch at breaking point	%	DIN 53504	450



Shelf life

In unopened original packaging, stored in a cool dry place between +5°C and +25°C, the product will last up to 15 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® 218 SILICON-CL 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® 218 SILICON-CL 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 aquarium seals or applications in direct contact with natural stone, the silver coating on mirrors or foodstuffs. Not suitable for PE, PP, PTFE, PMMA, PC, soft plastic, neoprene or bituminous surfaces. Ensure adequate humidity in the immediate environment. 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. 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 25LM
EN 15651-2: G-CC 25LM
EN 15651-3: S-XS1
EN 15651-4: PW-EXT-INT-CC 25LM
VOC emission class A+

