

Product

Seal-it® 215 SILICON-NF is a fungicidal, high-quality, neutral-curing sealant for building, sanitary, façade and glazing joints that is based on silicone technology and moisture-cures into a durable rubber that retains its elasticity.

Applications

- Particularly suited for fungicidal joint sealing between components in sanitary spaces and other spaces with plumbing fixtures, such as sinks and shower trays and enclosures, bathtubs, tiles, panels, toilets, worktops, steam rooms, refrigerators, freezers and more.
- In bathrooms, toilet rooms, kitchens, shower rooms, laundry rooms, saunas, slaughter halls and cold storage units.
- Seal connecting and dilation joints between concrete, stone, masonry, plastic, PC, PVC, PMMA, metal, stainless steel, wood, coated and anodised aluminium, composite and glass in façade, floor, ceiling, roof and interior and exterior wall structures.
- Top and bead seals in glazing systems, in accordance with NEN 3576/NPR 3577.
- Apply a durable elastic seal on windows, door and window frames, sections, panels, board materials, profiles, mouldings and prefab and other façade and building components.
- Repair compound for glazing, façade, sanitary and other joints, based on silicone.

Properties

- Durable, retains elasticity, maximum movement capacity of 25%.
- Excellent workability, smooth application, full body, slow skin formation.
- Superb adhesion without primer on most porous and non-porous surfaces.
- Neutral, low-odour, acid-free and non-shrink curing, **CE**-certified silicone system.
- Fungicidal in accordance with ISO 846.
- 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+ and EUROFINs LEED®.
- Good resistance to discolouration, UV, weather, water, moisture, cleaning products and ageing.
- Compatible in direct contact with foodstuffs, PVB film on laminated glass and edge seals on insulating glass.



Standard product line

Colour	20 x 400ml foil pack	12 x 600ml foil pack
Transparent/grey	SI-215-0070-400	
Silver/grey	SI-215-7106-400	
Sanitary grey	SI-215-7160-400	
RAL 9001	SI-215-9001-400	
Off-white	SI-215-9113-400	
Black		SI-215-9200-600

Other colours and/or packaging on request.

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 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® 215 SILICON-NF 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® 215 SILICON-NF 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 25LM
EN 15651-2: G-CC 25LM
EN 15651-3: S-XS1
EN 15651-4: PW-EXT-INT-CC 25LM
EUROFINS LEED®
VOC EMISSION CLASS A+
ISEGA FOOD APPROVAL

