



Product

Seal-it® 216 SILICON-SA is a high-quality, neutral-curing adhesive sealant that is particularly suited for fungicidal joint seals, 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.

Packaging and colours

- 12 cartridges (310 ml):
transparant, transp/grey, silver grey, sanitary grey, white, off white, black
- 20 sausages (400 ml):
transp/grey, anthracite, manhattan, silver grey, sanitary grey, linsey grey, anthracite grey, white, off white
- 12 sausages (600 ml):
transparant, ral 9002

Other colours and/or packaging on request.

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, MEKO-free, 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+.

Technical product data

Property	Value + unit
Viscosity (ISO 7390)	<2 mm
Viscosity	1,01 g/ml
Skin formation time (23°C and 55% R.H.)	15-25 minutes
Cures in 24 hours (23°C and 55% R.H.)	2 mm
Contraction	nihil
Permissible deformation	25%
Temperature resistance once fully cured	from -40°C to +150°C
Mechanical values	2 mm film
Shore A hardness (DIN 53505)	22°
Modulus at 100% (DIN 53504)	0,34 MPa
Tensile strength (DIN 53504)	0,95 MPa
Stretch at breaking point (DIN 53504)	400%
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 12,5E VOC-EMISSION CLASSA+ ISEGA FOOD APPROVAL
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.

Properties

- 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.

216 SILICON-SA

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® 216 SILICON-SA 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® 216 SILICON-SA 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 and 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 and 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.

General information

The information contained in this document is provided in good faith and is believed to be correct. However, we have no influence on the conditions in which these products are used or the methods by which they are used. Therefore, this information is not a substitute for tests which the customer must perform himself/herself in order to ensure that the products are safe, effective and achieve the intended purposes. Suggestions regarding the use of the product must not be used as grounds for infringement of any patent whatsoever. The only guarantee Castelein Sealants offers is that this product complies with the Castelein Sealants terms and conditions of sale in force at the time of shipment. Your only remedy in the event of a breach of this guarantee is the refund of the purchase price or the replacement of the product that does not comply with the guarantee.

Technical data of supplier: 2019 10 10

The producer reserves the right to make changes. 2023 12 14