

## Product

SN110 – Professional Construction Silicone is a high-quality, neutral-curing adhesive sealant that is particularly suited for fungicidal joint seals. It 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, 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+.
- 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	24 x 310ml cartridge	20 x 400ml foil pack	12 x 600ml foil pack
Transparent	SI-216-0000-310		SI-216-0000-600
Transparent/grey	SI-216-0070-310	SI-216-0070-400	
Anthracite	SI-216-7016-310	SI-216-7016-400	
Manhattan		SI-216-7101-400	
Silver/grey	SI-216-7106-310	SI-216-7106-400	
Basalt grey		SI-216-7120-400	
Buxy	SI-216-7130-310		
Sanitary grey	SI-216-7160-310	SI-216-7160-400	
Linsey grey	SI-216-7168-310	SI-216-7168-400	
Anthracite grey		SI-216-7247-400	
RAL 9002			SI-216-9002-600
White	SI-216-9100-310	SI-216-9100-400	
Pergamon	SI-216-9110-310	SI-216-9110-400	
Off-white	SI-216-9113-310	SI-216-9113-400	
Jasmine	SI-216-9114-310		
Black	SI-216-9200-310	SI-216-9200-400	

Other colours and/or packaging on request.

## Technical product data

- 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.
- Base: SILICONE ALCOXY
- Viscosity (mm, ISO 7390): <2
- Density (g/ml): 1.01
- Skin formation time (min., 23°C/55% RH): 15 – 25
- Cures in 24 hours (mm, 23°C/55% RH): 2
- Contraction: None
- Permissible deformation (%): 25
- Temperature resistance (once fully cured): -40/ C to +150 C

## Mechanical values (2mm film)

- Shore A hardness (DIN 53505): 22
- Modulus at 100% (MPa, DIN 53504): 0.34
- Tensile strength (MPa, DIN 53504): 0.95
- Stretch at breaking point (% DIN 53504): 400

## 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 Cleaner.
- SN110 has a broad bonding spectrum, but highly porous surfaces should be pre-treated with Seal-It Primer and non-porous surfaces with minimal bonding should be treated with Seal-It Clean & Bond.
- Use Seal-It Finish to apply a smooth and tight finish, before skin formation.

## Paintability

SN110 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 Cleaner. Clean hands/skin with Seal-It 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

Contra Tech 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 12,5E
- VOC EMISSION CLASS A+
- ISEGA FOOD APPROVAL
- EMICODE EC1 PLUS

