

## Product

Seal-it® 214 SILICON-AW is a superbly weather-resistant, durable and neutral-curing sealant that is specially developed for general glazing and sealing of curtain walls and other façades, is based on silicone technology and moisture-cures into a durable rubber that retains its elasticity.

## Applications

- Specially developed for expansion joints in glazing structures.
- A durable and superbly weather-resistant sealant for façade construction, such as in curtain wall structures.
- Highly elastic seal for expansion joints in building structures and glazing structures.
- Seal peripheral joints around sections, windows, door and window frames, panels, boards and prefab and other building components.
- Glazing compound for top and bead seals in glazing systems in buildings, in accordance with NEN 3576/NPR 3577.
- Repair compound for damaged silicone joints in façade, building and glazing systems.
- Suitable for use without primer on coated glass, powder coatings, galvanised steel, stainless steel, coated and anodised aluminium, copper, PVC, PMMA, PC, concrete, masonry and on most other porous and non-porous surfaces.

## Properties

- Durable, retains elasticity, maximum movement capacity of 25%.
- Excellent weather-resistance, practically unaffected by sunlight, rain, snow, ozone and extreme temperatures, resulting in lasting resistance to ageing.
- Superior adhesion without primer on all types of building materials.
- Neutral, acid-free and practically odourless curing, **CE**-certified silicone system.
- Meets requirements for intruder-resistant glass, in accordance with the Secure Home Police Label (the "Politie Keurmerk veilig wonen").
- Non-corrosive to metals.
- Compatible in direct contact with PVB-laminated glass and edge seals on insulating glass.
- Free of organic plasticisers and solvents.
- Easy to work with, smooth application at low temperatures and limited stringing.
- Excellent rheology.



## Standard product line

Colour	12 x 600ml foil pack
Black	SI-214-9200-600

Other colours and/or packaging on request.

## Technical product data

Base	SILICONE ALCOXY		
Viscosity	mm	ISO 7390	<2
Density	g/ml		1.52
Skin formation time	min.	23°C/55% RH	15
Cures in 24 hours	mm	23°C/55% RH	1-2
Contraction			None
Movement capacity	%		+/-50
Temperature resistance once fully cured	°C		-50/+150
Mechanical values	2mm film		
Shore A hardness		DIN 53505	30
Modulus at 100%	MPa	DIN 53504	0.40
Tensile strength	MPa	DIN 53504	0.75
Stretch at breaking point	%	DIN 53504	460



## 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 +50°C.
- On clean, uncontaminated, dry, stable, compatible, 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® 214 SILICON-AW 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® 214 SILICON-AW 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 applications, PE, PP, PTFE, neoprene or bituminous surfaces. Not suitable for applications in direct contact with foodstuffs or natural stone. Discolouration may occur (lighter colours) under certain conditions, such as due to direct contact with chemicals, applications in dark rooms/spaces or release of plasticiser from the surface. Not fungicidal. 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. 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

