

Product

Seal-it® 235 ELASTO-STOP is a high-quality, elastic putty for sealing and filling of heritage glass, based on silicone technology, that cures by moisture into a durable rubber that retains its elasticity.

Applications

- Specially designed as a putty that retains its elasticity, for application of seam seals for single-pane, insulating and heritage glass, in wooden, steel and concrete frame rabbets.
- As a higher-quality substitute for traditional putty in heritage and public buildings, such as canal-side buildings, farmhouses, schools, station buildings, etc.
- As an elastic filler for smoothing/levelling surface damage such as screw and nail holes in glazing beads and other wooden parts.
- Repair putty for damaged seals in seams, based on silicone technology.

Properties

- Durable, retains elasticity, fast moisture-curing.
- Excellent adhesion without primer on practically all surfaces, even when moist.
- Superb workability using a professional caulk gun, due to the special yellow XL spout.
- Easy to shape with a suitable jointing tool (PALU) and/or finishing block.
- Good resistance to UV, weather, water, moisture and ageing.
- Non-corrosive to metals.
- Extremely low-maintenance, does not crack, split, wrinkle or petrify from drying out.
- Compatible in direct contact with edge seals on insulating glass and PVB-laminated glass.
- Isocyanate and solvent free.
- Odourless, adhesive-free, bubble-free and non-shrink fast-curing hybrid system.



Standard product line

Colour	12 x 600 ml foil pack
White	SI-235-9100-600
Black	SI-235-9200-600

Other colours and/or packaging on request.

Technical product data

Basis	SILICONE OXIME		
Viscosity	mm	ISO 7390	<2
Density	g/ml		1.30
Skin formation time	min.	23°C/55% RH	10-15
Cures in 24 hours	mm	23°C/55% RH	+/- 2
Shrinkage			None
Temperature resistance once fully cured	°C		-40 / +120
Mechanical values		2mm film	
Shore A hardness		DIN 53505	35
Modulus at 100%	MPa	DIN 53504	0.60
Tensile strength	MPa	DIN 53504	1.15
Stretch at breaking point	%	DIN 53504	275



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, clean, uncontaminated, grease-free and dust-free surfaces.
- Use a suitable brush to remove any loose particles from the surface.
- Degrease the surface properly using Seal-it® 510 Cleaner.
- Seal-it® 235 ELASTO-STOP 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.
- Minimum dimension of the seam seal (triangular joint): 10 mm x 10 mm.
- Use a professional caulk gun fitted with yellow XL spout, shape using a scraper and/or finishing block.
- Use Seal-it® 550 FINISH to apply a smooth and tight finish, before skin formation.

Paintability

Seal-it® 235 ELASTO-STOP is paintable to a limited extent. We recommend testing paint compatibility in advance. If it will be painted (not necessary), for best results, we recommend lightly sanding the Seal-it® 235 ELASTO-STOP and adjacent parts with a Scotch-Brite® pad, then thorough degreasing with Seal-it® 510 CLEANER and painting immediately after this.

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 movable parts. Not suitable for PE, PP, PC, PMMA, PTFE, soft plastic, neoprene, bituminous or natural stone surfaces. Discolouration may occur under certain conditions, such as due to direct contact with chemicals and/or release of plasticiser from the surface. Ensure adequate humidity in the immediate environment. We recommend testing the adhesion and the material and paint compatibility in advance.

Health & safety

Avoid extensive 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

VOC emission class A+

