

Technical Documentation

SEAL-IT® 326 GLAZING

Product

SEAL-IT® 326 GLAZING is a high-quality, versatile paintable and excellently workable sealant based on MS-Polymer®. Specifically developed for sealing construction and glazing joints.

Applications

- Suitable for top and/or heel sealing when installing single glazing, insulating glass, safety glass and coated glass.
- Highly versatile and well paintable sealant for sealing construction joints and applications in glazing, construction and façades.
- Suitable for repairing damaged MS Polymer® joints in façade, construction and glazing structures.

Properties

- Excellent processing properties and versatile in use.
- Paintable with dispersion and synthetic paint and lacquer systems.
- Excellent adhesion without primer on virtually all substrates, even damp surfaces.
- Compatible with PVB films, laminated glass and insulating glass edge seals.
- Low odour, bubble-free and shrink-free curing.
- Permanently durable elastic.
- Free of isocyanates, solvents and silicones.
- Very low emission, **EMICODE EC-1 PLUS** certified.
- Durable UV-, weather-, water-, moisture- and ageing-resistant.



Standard assortment

Colour	12 x 290ml cartridge	12 x 600ml foil
Anthracite RAL 7016	SI-326-7016-290	SI-326-7016-600
Grey	SI-326-7103-290	SI-326-7103-600
Brown	SI-326-8142-290	SI-326-8142-600
Cream White RAL 9001	SI-326-9001-290	SI-326-9001-600
White	SI-326-9100-290	SI-326-9100-600
Black	SI-326-9200-290	SI-326-9200-600

Other colours and/or packaging available on request.

Connect Products B.V.

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Technical Product Data

PROPERTY	STANDARD	SPECIFICATION
Base		MS-POLYMER® 1-COMPONENT
Viscosity	ISO 7390	<2 mm
Density	ISO 1183	1,20 g/ml
Skin formation time	+23°C/50% RV	10-15 minutes
Curing after 24 hours	+23°C/50% RV	Approx. 2 mm
Permissible deformation	EN 15651-2: G-CC-20HM	20%
Temperature resistance after full curing		-40/+100°C
Mechanical values		2 mm film
Shore A hardness	DIN 53505	± 30
Modulus 100%	DIN 53504	0,64 MPa
Tensile strength	DIN 53504	1,10 MPa
Elongation at break	DIN 53504	350%
Shrinkage		None



Shelf Life

Store in unopened original packaging in a cool and dry place between +5°C and +25°C.
Shelf life up to 15 months after production date.

Application Conditions

- Processing temperature (environment and substrate) between min. +5°C and max. +40°C.
- On load-bearing, compatible, clean, grease- and dust-free surfaces.
- Apply in the correct joint dimensions, to be able to absorb movements well.
- For correct joint dimensions of glazing joints, in line with applicable glazing standards, use SEAL-IT® 565 PE BAND.
- To ensure the correct joint depth and to prevent three-point adhesion of movement joints, apply SEAL-IT® 540 BACKER ROD FOAM.
- To ensure a correct joint width of movement joints, grind joints using a suitable grinder and/or adjust the construction.
- Completely remove loose components from substrates using a suitable brush.
- Completely degrease greasy surfaces using SEAL-IT® 510 CLEANER.
- SEAL-IT® 326 GLAZING has a broad adhesion spectrum, but highly porous substrates are pre-treated with SEAL-IT® 520 PRIMER. Pre-treat non-porous surfaces with minimal adhesion using SEAL-IT® 525 CLEAN & BOND.
- Apply primer easily, quickly, cleanly, evenly and not excessively using SEAL-IT® 590 PRIMER BOTTLE + BRUSH, under the correct temperature and substrate conditions (see TDS).
- As soon as the primer is dry, apply SEAL-IT® 326 GLAZING as soon as possible.
- Wet finish for skin formation using SEAL-IT® 550 FINISH and smooth immediately afterwards using SEAL-IT® 590 SMOOTHING SPATULA PALU, FINISHING BLOCKS QUARTET or FINISHING STICKS.

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Painting Ability

SEAL-IT® 326 GLAZING can be painted after full curing with synthetic and dispersion paint systems. We recommend that SEAL-IT® 326 GLAZING is always professionally painted in combination with a suitable, durable, high-quality paint system capable of absorbing movement from the elastic sealant substrate, in order to reduce cracking of the applied paint layer. When finishing SEAL-IT® 326 GLAZING wet, always use SEAL-IT® 550 FINISH in the correct quantity and mixing ratio. Excessive use and an incorrect mixing ratio will cause soap residues on the sealant surface and adjacent areas, resulting in increased surface tension, preventing the applied paint/lacquer from flowing and/or adhering properly. Always dry the sealant surface completely using a clean, grease-free, dry, lint-free and absorbent cloth. Thoroughly degrease the substrate using SEAL-IT® 510 CLEANER and paint immediately afterwards. For the best result, we recommend painting SEAL-IT® 326 GLAZING only after full curing, under the correct ambient and substrate temperatures (see paint manufacturer's TDS). Always perform a paint compatibility test beforehand.

Restrictions and Recommendations

SEAL-IT® 326 GLAZING is unsuitable for constant water exposure, aquarium construction, sanitary joints and natural stone joints. Not suitable in combination with PE, PP, PC, PMMA, PTFE, soft plastics, neoprene and bituminous substrates, or in direct contact with foodstuffs and mirror coatings. Edge seals of insulating glass may change in composition without notification from manufacturers, meaning that the compatibility between glazing sealant and edge seal cannot be guaranteed by the sealant supplier. May possibly discolour in combination with chemicals due to migration of substances and applications in dark areas. Always ensure sufficient humidity from the immediate environment/substrate during curing. Do not subject to mechanical, thermal or chemical loads before full curing. Repair with the same product. Joint sealants perform more durably when periodic maintenance and timely repairs are carried out. Always test adhesion and material compatibility beforehand.

Cleaning

Remove fresh, uncured and/or excess material from substrates and tools using SEAL-IT® 510 CLEANER. Clean hands/skin using SEAL-IT® 515 ULTRA WIPES. Cured material can only be removed mechanically using the correct tools.

Safety and Health

Avoid prolonged skin contact. In case uncured material comes into contact with the eyes, rinse immediately with water and consult a physician. Product Safety Data Sheet is available on request.

Warranty and Liability

Connect Products B.V. guarantees that its product, within the shelf life, is in accordance with the specifications. The liability will never exceed what is determined in our general terms and conditions of sale and delivery. In no case is the seller liable for any consequential damage. The information provided is the result of our tests and experience and is of a general nature. However, it does not imply any liability. It is the responsibility of the user to determine by his own tests whether the product is suitable for the application.



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Certifications

EN 15651-1:F-EX-INT-20HM (pending).

EN 15651-2:G-CC-20HM.

EMICODE EC-1 PLUS.



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