



Product

Seal-it® 325 PRO-PAINT is a KOMO-certified, top quality, superbly paintable sealant for building structures and glazing structures, that is based on MS-Polymer® technology and moisture-cures into a durable rubber that retains its elasticity.

Applications

- Specially developed as a highly paintable glazing compound for top and bead seals for installation of laminated, self-cleaning and insulating glass, in accordance with NEN 3576/NPR 3577.
- Seal windows, window and door frames, sections, panels, boards and other façade and building components.
- Construction compound for joints and connections to be painted later.
- Repair compound for maintenance on structural and glazing joints based on MSP hybrid.

Colours and packaging:

Colours: white, brown, RAL 9001, grey, RAL 7016, black
12 cartridges (290 ml)
12 sausages (600 ml)

Properties

- Optimal paintability with water-based and synthetic paint systems.
- Durable, retains elasticity, maximum movement capacity of 25%.
- Excellent adhesion without primer on practically all surfaces, even moist ones.
- User-friendly and versatile applications in structural and glazing joints.
- 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 isocyanate, solvents and silicone.
- Very low emission: certified EMICODE EC1 PLUS.
- Good resistance to discolouration, UV, weather, water, moisture and ageing.
- Odourless, bubble-free and non-shrink curing CE and KOMO-certified MS-Polymer® system.

Application conditions

- ✓ Application temperature (ambient and surface) between +5°C and +40°C.
- ✓ On stable, compatible, 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.

Technical product data

Property	Value + unit
Viscosity (ISO 7390)	< 2 mm
Viscosity	1,20 g/ml
Skin formation time (23°C and 55% R.H.)	18 minutes
Cures in 24 hours (23°C and 55% R.H.)	± 2 mm
Contraction	Nihil
Permissible deformation	25%
Temperature resistance once fully cured	-40°C to +100°C
Mechanical values	2 mm film
Shore A hardness (DIN 53505)	35°
Modulus at 100% (DIN 53504)	0,45 MPa
Tensile strength (DIN 53504)	1,34 MPa
Stretch at breaking point (DIN 53504)	300%
Certifications	- EN 15651-2: G-CC20LM - EMICODE EC1 PLUS - KOMO CERTIFICATE NR. 33344/17
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

- Seal-it® 325 PRO-PAINT 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.

325 PRO-PAINT

Paintability

After skin formation, Seal-it® 325 PRO-PAINT is superbly paintable with synthetic and emulsion paints. If Seal-it® 325 PRO-PAINT will be painted (not necessary), for the best results we recommend lightly sanding the Seal-it® 325 PRO-PAINT and adjacent parts with a Scotch-Brite® pad and then degreasing thoroughly with Seal-it® 510 CLEANER. Apply a wet finish with Seal-it® 550 FINISH, in the correct mixing ratios: improper mixing ratios will cause soap residues on the Seal-it® 325 PRO-PAINT. This increases surface tension, resulting in poor paint flow and/or in paint adhesion. Dry the sealant surface thoroughly with a clean, grease-free, dry, absorbent and lint-free cloth. For best results, paint Seal-it® 325 PRO-PAINT within a few days of application. During painting, always work under the proper application conditions. See the application instructions of the relevant paint manufacturer beforehand. Because Seal-it® 325 PRO-PAINT offers lasting resistance to ageing and weather, it is not necessary to paint Seal-It® 325 PRO-PAINT. We recommend not painting elastic deformable sealants with paint systems that cannot absorb movements in the surface, as this may result in cracking in the applied coat of paint in the future.

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 continuous water loads, dilation joints or direct contact with foodstuffs. Not suitable for PE, PP, PC, PMMA, PTFE, soft plastic, neoprene or bituminous surfaces. Not fungicidal. Discolouration may occur under certain conditions, such as due to direct contact with chemicals, release of plasticiser from the surface and/or application in dark rooms/spaces. Ensure adequate humidity in the immediate environment. We recommend testing the adhesion and the material and paint 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. 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: 2017 09 05

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