



Product

Seal-it® 340 CRYSTAL is a crystal-clear, high-quality, professional adhesive sealant for light adhesion and sealing of connecting joints that is based on MS-Polymer® technology and moisture-cures into a durable rubber that retains its elasticity.

Applications

- Crystal-clear sealing, adhesion and installation on practically any surface/material.
- Seal connecting joints on many building components, especially transparent ones, such as glass, polycarbonate and acrylic.
- Light adhesion and installation of many building components, especially transparent ones, such as glass, polycarbonate and acrylic.

Colour: transparant (cristal clear)

Packaging: 12 cartridges (290 ml)

Properties

- ✓ Crystal-clear, blends seamlessly with translucent/transparent components.
- ✓ Durable, retains elasticity, maximum movement capacity of 25%.
- ✓ Versatile and user-friendly: glue, install and seal almost anything, both indoors and out.
- ✓ Excellent adhesion without primer on many surfaces, even moist ones.
- ✓ Paintable with water-based and synthetic paint systems.
- ✓ Usable wet-on-wet, repair with the same material, short tack-free time after skin formation.
- ✓ Free of isocyanate, solvents and silicone.
- ✓ Very low emission: certified EMICODE EC1 PLUS.
- ✓ Good resistance to weather, water, moisture and ageing.
- ✓ Non-corrosive to metals.
- ✓ Odourless, bubble-free and non-shrink fast-curing 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.
- Use a suitable brush to remove any loose particles from the surface.
- Degrease the surface properly using Seal-it® 510 CLEANER.
- Seal-it® 340 CRYSTAL 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.

Technical product data

Property	Value + unit
Viscosity (ISO 7390)	< 2 mm
Viscosity	1,05 g/ml
Skin formation time (23°C and 55% R.H.)	10 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)	45°
Modulus at 100% (DIN 53504)	1,15 MPa
Tensile strength (DIN 53504)	2,40 MPa
Stretch at breaking point (DIN 53504)	250%
Certifications	EN 15651-1: F-INT EUROFINS LEED® BREEAM VOC-emission class A+ EMICODE EC1 PLUS
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

- ✓ For adhesive applications, apply material vertically (ventilated) in beads spaced between a minimum of 10 cm and a maximum of 20 cm apart. Do not apply in dabs! It is recommended to use double-sided adhesive SEAL-IT® 560 PANELTAPE to support adhesion during the curing process and to achieve the correct adhesive thickness.
- ✓ Use Seal-it® 550 FINISH to apply a smooth and tight finish, before skin formation.

340 CRYSTAL

Paintability

After skin formation, Seal-it® 340 CRYSTAL is superbly paintable with emulsion paints. However, synthetic paints may dry slowly. If it will be painted (not necessary), for best results, we recommend lightly sanding the Seal-it® 340 CRYSTAL 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 and recommendations

Not suitable for continuous water loads or glazing or dilation joints. Not suitable for direct contact with the silver coating on mirrors, foodstuffs or natural stone. Not fungicidal. Not suitable for PE, PP, PC, PMMA, PTFE, soft plastic, neoprene or bituminous surfaces.

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 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