

## 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.
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## 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 EMI CODE 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.



## Standard product line

Colour	24 x 290ml cartridge
Transparent	SI-340-0000-290

Other packaging on request.

## Technical product data

<b>Base</b>			MS- POLYMER®
<b>Viscosity</b>	mm	ISO 7390	<2
<b>Density</b>	g/ml		1.05
<b>Skin formation time</b>	min.	23°C/55% RH	10
<b>Cures in 24 hours</b>	mm	23°C/55% RH	+/- 2
<b>Contraction</b>			None
<b>Permissible deformation</b>	%		25
<b>Temperature resistance once fully cured</b>	°C		-40/+100
<b>Mechanical values</b>		2mm film	
<b>Shore A hardness</b>		DIN 53505	45
<b>Modulus at 100%</b>	MPa	DIN 53504	1.15
<b>Tensile strength</b>	MPa	DIN 53504	2.40
<b>Stretch at breaking point</b>	%	DIN 53504	250



## 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 +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.
- 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.

## 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 & 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 & 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.

## 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-INT  
EUROFINS LEED®  
BREEAM  
VOC emission class A+  
EMICODE EC1 PLUS

