

Description

Seal-it® 340 CRYSTAL is a high quality, professional and universal sealant and adhesive based on MSP/Hybride technology. After application the sealant cures with atmospheric moisture to form a durable rubber seal.

Application

- Especially for bonding and joint sealing in which the sealant and / or glue should visually be minimized by the brightness of the material, such as glass and various plastics.
- Perfect for connecting joints between or adjoining to clear / transparent building materials and building components in construction, industrial, automotive and marine.
- Ideal for bonding and assembling of many and especially clear / transparent building materials and building components in construction, industrial, automotive and marine.

Properties

- Crystal clear
- Durable elastic, max movement capability 25%
- Universal bonding-, sealing- and assembling sealant, for inside and outside for use on almost all substrates.
- Paintable with water based paints, alkyd resin paint can cause curing inhibition of the paint. Test in advance.
- Fast curing. Wet in wet applicable.
- Free of isocyanates, phtalat, solvents and silicone.
- Tack-free after cure through.
- UV radiation and weather resistant.
- Neutral curing, almost odourless.
- Non corrosive to metals.
- Absorb acoustical and mechanical vibrations.
- Non bubbling and shrinkage nil.

Colours and packaging

24 cartridges à 290ml Clear

Other packaging on request.

Technical Data

Base			MSP
Slump	mm	ISO 7390	<2
Density	g/ml		1,05
Skin formation / open time	min.	23°C/55%RV	10
Curing through (24 hours)	mm	23°C/55%RV	2
Shrinkage			nil
Max. movement capacity	%		25
Temperature resistance after curing	°C		-40 / +100
<i>Mechanical properties</i>		<i>2mm film</i>	
Shore-A hardness		DIN 53505	45
Modulus 100%	MPa	DIN 53504	1,45
Tensile strength	MPa	DIN 53504	2,20
Elongation at break	%	DIN 53504	300

Shelflife

In good closed original packing, stored on a cool and dry place, between +5° C and +25° C; till 12 months after production date.

Frost resistant till -15°C during transport

Application conditions

Application temperature +5°C till +40°C

Surfaces must be dry, clean and solid. Clean surfaces with Seal-it® 510 CLEANER.

In general Seal-it® 340 CRYSTAL adheres perfectly without the use of a primer to various substrates. Porous surfaces if necessary to be pre-treated with Seal-it® 520 PRIMER.

Adhesion tests prior to the application are recommended.

Use Seal-it® 550 FINISH to smooth the joint.

Paintability

Seal-it® 340 CRYSTAL is perfectly paintable with water based paints. We recommend an adhesion and compatibility first. When Seal-it® 340 CRYSTAL will be painted over (not necessary) we recommend to sand the sealant and junction surfaces by means of Scotch-Brite. For an optimal result we recommend to paint within a few days after application.

Limitations

Not suitable for continuous under water applications.

Among others not recommended for PE, PP, Teflon, wax, neoprene and bitumen surfaces, always carry out an adhesion test on the substrate before application.

Not suitable for applications in direct contact with the sealing of isolation glass or in direct contact with PVB foil of coat glass.

Not suitable in combination with natural stone.

Not suitable for vertical movement joints.

Slight discoloration (lighter colours) can occur in certain circumstances.

Safety

Avoid prolonged contact with skin. In the event non-cured material gets into the eyes, flush with water and consult a doctor.

Material Safety Data Sheet available on request.

Warranty

Connect Products BV warrants that its product complies, within its shelf life, to its specification.

The liability shall in no case exceed the amount fixed in our Conditions of Sale. In no event seller is liable for any incidental or consequential damage.

Liability

All supplied information is the result of our test and experience and is of general nature. However, they do not imply any liability.

It is the responsibility of the user to verify by his own tests if the product is suitable for the application.

In conformity with:

ISO 11.600 F25HM

We've got it sealed