

Technical Documentation

SEAL-IT® 335 HYBRI-STOP

Product

Seal-it® 335 HYBRI-STOP is a high-quality, elastic and universally paintable putty for sealing and filling of heritage glass, that is based on hybrid technology and moisture-cures into a durable rubber that retains its elasticity.

Applications

- Specially designed as a putty that retains its elasticity, for application of seam seals for single-pane, insulating and heritage glass, in wooden, steel and concrete frame rabbets.
- As a higher-quality substitute for traditional putty in heritage and public buildings, such as canal-side buildings, farmhouses, schools, station buildings, etc.
- As an elastic filler for smoothing/levelling of surface damage, such as screw and nail holes, splits, cracks, etc., in glazing beads and other wooden parts.
- Repair putty four damaged seals in seams, based on hybrid technology.

Properties

- Durable, retains elasticity, fast moisture-curing.
- Optimal paintability with water-based and synthetic paints.
- Excellent adhesion without primer on practically all surfaces, even moist ones.
- Superb workability using a professional caulk gun, due to the special yellow XL spout.
- Easy to shape with a suitable jointing tool (PALU) and/or finishing block.
- Good resistance to UV, weather, water, moisture and ageing.
- Non-corrosive to metals.
- Extremely low-maintenance, does not crack, split, wrinkle or petrify from drying out.
- Compatible in direct contact with edge seals on insulating glass and PVB-laminated glass.
- Free of isocyanate, solvents and silicone.
- Very low emission: certified EMICODE EC1 plus.
- Odourless, adhesive-free, bubble-free and non-shrink fast-curing hybrid system.



Standard product line

Colour	12 x 600ml foil pack
RAL 7004*	SI-335-7004-600
White	SI-335-9100-600
Black	SI-335-9200-600

Other colours and/or packaging on request.

* No standard stock. Available per pallet on request.

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Technical product data

Base			HYBRID
Viscosity	mm	ISO 7390	<2
Density	g/ml	ISO 1183	1,28
Skin formation time	min.	+23°C/50% RH	18
Cures in 24 hours	mm	+23°C/50% RH	2
Contraction			None
Permissible deformation	%		25
Temperature resistance once fully cured	°C		-40 / +100
Mechanical values		2 mm film	
Shore A hardness		DIN 53505	35
Modulus at 100%	MPa	DIN 53504	0,55
Tensile strength	MPa	DIN 53504	0,95
Stretch at breaking point	%	DIN 53504	275

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® 335 HYBRI-STOP 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.
- Minimum dimension of the seam seal (triangular joint): 10 mm x 10 mm.
- Use a professional caulk gun fitted with yellow XL spout, shape using a scraper and/or finishing block.
- Use Seal-it® 550 FINISH to apply a smooth and tight finish, before skin formation.

Paintability

After skin formation, Seal-it® 335 HYBRI-STOP is superbly paintable with synthetic and emulsion paints. If it will be painted (not necessary), for best results, we recommend lightly sanding the Seal-it® 335 HYBRI-STOP and adjacent parts with a Scotch-Brite® pad, then thorough degreasing with Seal-it® 510 CLEANER and painting immediately after this.



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Limitations & recommendations

Not suitable for continuous water loads or expansion joints. Not suitable for PE, PP, PC, PMMA, PTFE, soft plastic, neoprene, bituminous or natural stone surfaces. Discolouration may occur under certain conditions, such as due to direct contact with chemicals and/or release of plasticiser from the surface. Ensure adequate humidity in the immediate environment. We recommend testing the adhesion and the material and paint compatibility in advance.

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.

Health & 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.

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

EMICODE EC-1 PLUS.

