



## 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 for damaged seals in seams, based on hybrid technology.

**Colours:** white, black, RAL 7004

**Packaging:** 12 sausages (600 ml)

## 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.

## 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.

## Technical product data

Property	Value + unit
Viscosity (ISO 7390)	< 2 mm
Viscosity	1,28 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)	0,55 MPa
Tensile strength (DIN 53504)	0,95 MPa
Stretch at breaking point (DIN 53504)	275%
Certifications	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

- 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.

# 335 HYBRI-STOP

## 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.

## 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 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.

## 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. 2020 04 01