



Product

Seal-it® 331 HYBRI-COAT is an elastic, airtight, durable and high-quality seal coating that can be smoothed with a brush, is based on hybrid technology and moisture-cures into a durable non-shrink membrane with high mechanical strength.

Applications

- Particularly suited for durable airtight and watertight sealing of connections and surfaces.
- Suitable for both indoor and outdoor applications.
- Ideal for sealing structural connections and joints in the shell construction stage.
- Application of a watertight membrane on walls and floors in sanitary spaces and other spaces with plumbing fixtures, before tiling.

Colour: anthracite (RAL 7016), white

Packaging: 12 sausages (600 ml)

Properties

- Durable, retains elasticity, high movement capacity.
- Excellent adhesion without primer on practically all surfaces, even moist ones.
- User-friendly and versatile.
- Resistant to UV, weather, water, moisture and ageing.
- Low viscosity.
- Excellent workability with a brush and/or roller.
- Non-corrosive to metals.
- Fast-curing, non-shrink and bubble-free.
- Paintable with water-based paint systems.
- Free of isocyanate, solvents and silicone.
- Very low emission: certified EMICODE EC1 PLUS

Application conditions

- ✓ Application temperature (ambient and surface) between +5°C and +40°C.
- ✓ On clean, uncontaminated, dry, stable, compatible, dust-free and grease-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® 331 HYBRI-COAT 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.
- ✓ Use Seal-it® 550 FINISH to apply a smooth and tight finish, before skin formation

Paintability

Seal-it® 331 HYBRI-COAT is excellently paintable with emulsion paints. However, synthetic paint systems may dry slowly. When it will be painted (not necessary), for best results, we recommend lightly sanding the Seal-it® 331 HYBRI-COAT and adjacent parts with a Scotch- Brite® pad, then thorough degreasing with Seal-it® 510 CLEANER and painting immediately after this.

Technical product data

Property	Value + unit
Viscosity (ISO 7390)	< 2 mm
Viscosity	1,46 g/ml
Skin formation time (23°C and 55% R.H.)	16 minutes
Cures in 24 hours (23°C and 55% R.H.)	± 2 mm
Contraction	nihil
Temperature resistance once fully cured	-40°C to +90°C
Mechanical values	2 mm film
Shore A hardness (DIN 53505)	30°
Modulus at 100% (DIN 53504)	0,45 MPa
Tensile strength (DIN 53504)	1 MPa
Stretch at breaking point (DIN 53504)	450%
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.

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. Not suitable for PE, PP, PTFE, PC, PMMA, PTFE, soft plastic, neoprene or bituminous surfaces. Discolouration may occur under certain conditions, such as due to direct contact with chemicals, applications in dark rooms/spaces or release of plasticiser from the surface. Not fungicidal. 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: 2018 02 08

The producer reserves the right to make changes. 2020 04 01