

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.

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.



Standard product line

Colour	12 x 600ml foil pack
RAL 7016	SI-331-7016-600
White	SI-331-9100-600

Other colours and/or packaging on request.

Technical product data

Base			HYBRID
Viscosity	mm	ISO 7390	<2
Density	g/ml		1.46
Skin formation time	min.	23°C/55% RH	16
Cures in 24 hours	mm	23°C/55% RH	+/- 2
Contraction			None
Temperature resistance once fully cured	°C		-40/+90
Mechanical values		2mm film	
Shore A hardness		DIN 53505	30
Modulus at 100%	MPa	DIN 53504	0.45
Tensile strength	MPa	DIN 53504	1.00
Stretch at breaking point	%	DIN 53504	450

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 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.

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. 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 & 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 EC1 PLUS

