

Technical Documentation

SEAL-IT® 115 TOP-ACRYL

Product

SEAL-IT® 110 UNI-ACRYL is a high-quality, universally paintable sealing, filling and repair kit based on acrylic dispersion. Specifically developed for paintable seals.

Applications

- Specifically for outdoor applications, due to fewer restrictions regarding precipitation.
- Sealing connection joints between skirting boards, stairs, windowsills, walls and ceilings.
- Sealing shrinkage (seams), cracks and crevices in walls, facades, ceilings and partitions.
- Filling and repairing drill, screw and nail holes in walls, facades, ceilings and partitions.
- Sealing perimeter joints along facades, window frames, sockets and pipe penetrations.
- Sealing connections in air ducts, bodywork, trailer, ship and container construction.
- Versatile for outdoor and indoor use, in combination with most surfaces/building materials.
- Ideal for applications in new construction, renovation and maintenance projects.

Properties

- Hardens through water evaporation.
- Durable permanent plasto-elastic.
- Quickly rainproof.
- Excellent adhesion without primer on most, even damp and porous surfaces.
- Quickly and universally overpaintable with dispersion and synthetic paints and lacquers.
- User-friendly exterior and interior sealing, filling and repairing.
- Non-corrosive with metals.
- Very low emission, **VOC A+** and **EC-1 PLUS** certified.
- Durable colourfast, UV, weather and ageing resistant.

Standard Range

Colour	12 x 310ml tube
White	SI-115-9100-310

Other colors and/or packaging on request.



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Technical Product Data

PROPERTY	STANDARD	SPECIFICATION
Basis		ACRYLATE DISPERSION 1-COMPONENT
Standing capacity	ISO 7390	<3 mm
Density	ISO 1183	1,55 g/ml
Skin formation time	+23°C/50% RH	10-15 minutes
Dry matter content		88%
Permissible deformation	EN 15651-1: F-EXT-INT	12,5%
Temperature resistance after full curing		-20/+75°C
Mechanical values		2 mm film
Shore A hardness	DIN 53505	17
Modulus 100%	DIN 53504	0,35 MPa
Elongation at break	DIN 53504	350%



Shelf Life

In unopened original packaging, store cool and dry between +5°C and +25°C.
Frost resistant to -15°C during transport. Shelf life: maximum 12 months after production date.

Application Conditions

- Processing temperature (environment and substrate) between min. +5°C and max. +40°C.
- Apply to load-bearing, clean, grease- and dust-free surfaces. Porous, absorbent or open surfaces do not have to be completely dry.
- Remove loose components from surfaces using a suitable brush.
- Degrease greasy surfaces using SEAL-IT® 510 CLEANER.
- Very porous and highly absorbent surfaces, such as gypsum blocks, (lime sand) brick, (aerated) concrete and masonry must be pretreated. For this purpose, a homogeneously prepared mixture of one part SEAL-IT® 115 TOP-ACRYL and two parts water can be used. Apply evenly using a brush.
- Apply sealant in the correct joint dimensions to properly absorb movements.
- Wet finish before skin formation using a moistened SEAL-IT® 590 FINISHING SPATULA, FINISHING JOINT QUARTET or FINISHING WOODS or putty knife.

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Painting Ability

SEAL-IT® 115 TOP-ACRYL is excellently universally paintable with dispersion and synthetic paints and lacquers. SEAL-IT® 115 TOP-ACRYL is best painted over after complete curing, due to material shrinkage. If painted over earlier, the applied paint layer can crack/burst (crazing) more quickly. Crazing is also more likely to occur in combination with highly filled dispersion paints. Joints that are subject to more movement/deformation than the paint system can absorb are a bad combination. That is why we always recommend using a suitable, durable, high-quality paint system that can sufficiently absorb movements from the elastic substrate to reduce crazing in the paint layer. Always apply paint systems professionally and at the correct ambient and substrate temperature (see TDS paint manufacturer). Always perform a paint compatibility test beforehand.

Restrictions and Recommendations

SEAL-IT® 115 TOP-ACRYL is not suitable for long-term and permanent water exposure, applications underground, sanitary, glazing, natural stone and expansion joints and in combination with PE, PP, PC, PTFE, PMMA, soft plastics, neoprene and bituminous substrates. Product shrinks slightly during curing. Outdoor applications are only possible if there is no heavy precipitation (driving rain/hail) for skin formation. May discolour in combination with chemicals and by migration of substances. Do not mechanically, thermally or chemically load, for complete curing. Repair with the same product. Sealant joints function more sustainably if periodic maintenance and timely repairs are carried out. Always test the adhesion and material compatibility in advance.

Cleaning

Remove fresh, uncured and/or excess material from surfaces and tools using water. Clean hands/skin using SEAL-IT® 515 ULTRA-WIPES or soapy water. Cured material can only be removed mechanically using the correct tools.

Safety and Health

Avoid prolonged skin contact. If uncured material comes into contact with eyes, rinse immediately with water and seek medical advice. Safety data sheet available on request.

Warranty and Liability

Connect Products B.V. guarantees that its product, within the shelf life, is in accordance with the specifications. The liability will never exceed what is determined in our general terms and conditions of sale and delivery. In no case is the seller liable for any consequential damage. The information provided is the result of our tests and experience and is of a general nature. However, it does not imply any liability. It is the responsibility of the user to determine by his own tests whether the product is suitable for the application.



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Certifications

EN 15651-1: F-EXT-INT 12.5 P.

VOC emission class A+.

EMICODE EC-1 PLUS.



Disclaimer

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