

Product

Seal-it® 110 UNI-ACRYL is a high-quality, professional and universally paintable sealant, filler and repair product based on acrylic emulsion technology that cures by evaporation into a durable rubber that retains its plasto-elasticity.

Applications

- Specially developed as a universally paintable joint sealant, filler and repair product for sealing, filling and repairing joints, seams, splits, cracks, fissures and holes.
- Specially designed for indoor use, but also excellent for outdoor use, with 5 hours of dry weather after application.
- Seal peripheral joints around sections, door and window frames, electrical outlets and penetrations.
- Seal connecting joints between/along skirting boards, window sills, masonry, plasterwork, spray plaster, plasterboard, aerated or non-aerated concrete slabs, sand-lime brick, stone, stairs, sections, slats, decorative frames, mouldings, panels, parapets, wood panelling, decorations and more.
- Seal connections between metal parts, such as in construction of air ducts, bodywork, trailers, ships and containers.
- Fill and repair cracks, splits, seams, fissures and drill, nail and screw holes, in façades, ceilings and interior and exterior walls.
- Suitable for most surfaces, such as wood, plywood, hardboard, softboard, insulation materials, paint and lacquer systems, plaster, stucco, sprayed textures, masonry, aerated and non-aerated concrete, sand-lime brick, stone, plasterboard, metals and more.



Properties

- Durable, retains plasto-elasticity, maximum movement capacity of 7.5%.
- Excellent adhesion without primer on most surfaces – even moist, porous surfaces.
- Ideal workability, highly versatile: fill, seal and repair with the same material.
- Excellently paintable after skin formation (approx. 10 min.) with synthetic and emulsion paints.
- Practically odourless curing, **CE**-certified Acrylic Emulsion grout and filler.
- Non-corrosive to metals.
- Lasting resistance to discolouration, weather, frost (to -15°C) and ageing.
- Very low emission: certified VOC emission class A+.
- Versatile, both indoors and out, with 5 hours of dry weather needed after outdoor application.

Standard product line

Colour	24 x 310ml cartridge
White	SI-110-9100-310

Other colours and/or packaging on request.

Technical product data

Base	ACRYLIC EMULSION		
Viscosity	mm	ISO 7390	<3
Density	g/ml		1.67
Skin formation time	min.	23°C/55% RH	10
Dry matter content	%		85
Permissible deformation	%		7.5
Temperature resistance once fully cured	°C		-20/+75
Mechanical values	2mm film		
Shore A hardness		DIN 53505	30
Modulus at 100%	MPa	DIN 53504	0.35
Stretch at breaking point	%	DIN 53504	240

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. Frost-resistant to -15°C during transport.

Application conditions

- Application temperature (ambient and surface) between +5°C and +40°C.
- On stable, compatible, clean, uncontaminated, grease-free and dust-free surfaces; porous/absorbent/open surfaces do not need to be completely dry.
- Ensure proper joint dimensions, for proper absorption of any movements.
- Use a suitable brush to remove any loose particles from the surface.
- Degrease the surface properly using Seal-it® 510 CLEANER.
- Use a brush to prime highly porous/absorbent surfaces – such as gypsum blocks, sand-lime bricks, stone, aerated and non-aerated concrete and masonry – evenly with 1 part Seal-it® 110 UNI-ACRYL and 2 parts water.
- Use water to apply a smooth and tight finish, before skin formation.

Paintability

Seal-it® 110 UNI-ACRYL is superbly paintable with synthetic and emulsion paints. For best results, paint after fully cured, due to material contraction. Painting before full curing may result in cracks or splits in the paint in the future. Using highly filled emulsion paints may also result in cracks/splits in the paint.

Cleaning

Remove fresh/uncured material from surfaces and tools using water. Clean hands/skin with Seal-it® 515 ULTRA-WIPES and/or soapy water. Cured material must be removed mechanically.



Limitations & recommendations

Not suitable for long-term and/or permanent water loads. Not suitable for PE, PP, PC, PTFE, PMMA, soft plastic, neoprene or bituminous surfaces. Outdoor application is only possible under good weather conditions for drying and/or with 5 hours without rain/precipitation after application. Discolouration may occur under certain conditions, such as due to direct contact with chemicals and/or release of plasticiser from the surface. 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

EN 15651-1: F-EXT-INT 7.5 P
VOC emission class A+
EMICODE EC1 PLUS

