



## 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.

**Colours :** white, grey

**Packaging :** 12 cartridges (310 ml)

## 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.

## Technical product data

Property	Value + unit
Viscosity (ISO 7390)	<3 mm
Density	1,67 g/ml
Skin formation time (23°C and 55% R.H.)	10 minutes
Dry matter content	85%
Permissible deformation	7,5%
Temperature resistance once fully cured	from -20°C to +75°C
Mechanical values	2 mm film
Shore A hardness (DIN 53505)	30
Modulus at 100% (DIN 53504)	0,35 MPa
Stretch at breaking point (DIN 53504)	240%
Certifications	EN 15651-1: F-EXT-INT 7,5 P VOC-emission class A+ EMICODE EC1 PLUS
Frost-resistant during transport	to -15°C
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 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.

# 110 UNI-ACRYL

## 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 and 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 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. 2023 12 14