

Product

Seal-it® 120 SPAC-CRYL is a granular, professional and universally paintable sealant, filler and repair product for joints, seams, cracks and holes, that is based on acrylic emulsion technology and cures by evaporation into a durable rubber that retains its plasto-elasticity.

Applications

- Specially developed for durable sealing, filling and repair of joints, seams, splits, cracks, fissures and holes in the same structure as the surface.
- Ideal for new developments, renovations and maintenance in the construction and industrial sectors.
- Seal connecting joints between/along building components adjacent to stucco, spray plaster and other sprayed materials, plasterwork and masonry on façades, ceilings and interior and exterior walls, such as window sills, stairs, skirting boards, decorative frames, mouldings, sections, panels and more.
- Seal peripheral joints around building components such as sections, window and door frames, electrical outlets and penetrations adjacent to stucco, sprayed materials, plasterwork and masonry.
- Seamlessly repair/restore damaged surfaces made from spray plaster, other sprayed materials, stucco, plasterwork and masonry on façades, ceilings and interior and exterior walls. Ideal for filling existing drill, nail and screw holes.

Properties

- Durable, retains plasto-elasticity, maximum movement capacity of 7.5%.
- Excellent adhesion without primer on most surfaces – even moist, porous ones.
- The integrated structural granules are easy to tool/shape in any structure using a suitable dry or moist brush or sponge.
- Excellently paintable after skin formation (approx. 10 min.) with synthetic and emulsion paints.
- Practically odourless curing, **CE**-certified Acrylic Emulsion grout and filler.
- Lasting resistance to discolouration, weather, frost (to -15°C) and ageing.
- Non-corrosive to metals.
- 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-120-9100-310

Other colours and/or packaging on request.



Technical product data

Base	ACRYLIC EMULSION		
Viscosity	mm	ISO 7390	<3
Density	g/ml		1.85
Skin formation time	min.	23°C/55% RH	5-10
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	28
Modulus at 100%	MPa	DIN 53504	0.74
Stretch at breaking point	%	DIN 53504	85

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, highly absorbent surfaces – such as gypsum blocks, sand-lime bricks, stone, aerated and non-aerated concrete and masonry – evenly with 1 part Seal-it® 120 SPAC-CRYL and 2 parts water.
- Finish in any desired surface texture using a suitable dry or water-moistened brush or sponges, before skin formation.

Paintability

Seal-it® 120 SPAC-CRYL 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 tools and surfaces 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 applications are 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+

