

# Technical Documentation

## SEAL-IT® 120 SPAC-ACRYL

### Product

SEAL-IT® 120 SPAC-ACRYL is a high-quality, granular sealing, filling and repair sealant based on acrylate dispersion. Specifically developed for structured surfaces.

### Applications

- Specifically for sealing connection joints in exactly the same surface structure as spack, stucco, spray, plaster and masonry on walls, partitions, facades and ceilings.
- Seal connection joints between skirting boards, stairs, window sills, walls, ceilings.
- Seal shrinkage (seams), cracks and tears in walls, facades, ceilings and partitions.
- Fill and repair drill, screw and nail holes in walls, facades, ceilings, partitions.
- Seal perimeter joints along facades, window frames, sockets and pipe penetrations.
- Versatile indoor and outdoor 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..
- Provided with built-in structure grains.
- Excellent adhesion without primer on most, even damp and porous surfaces.
- Quickly universally paintable with dispersion and synthetic paints and lacquers.
- Perfectly modulateable in any structure using a dry or damp sponge and/or brush.
- User-friendly sealing, filling and repairing.
- Non-corrosive in combination with metals.
- Low-emission, **VOC A+** certified.
- Durably colourfast, UV, weather and ageing resistant.



### Standaard Range

| Colour | 12 x 310ml tube |
|--------|-----------------|
| White  | SI-120-9100-310 |

Other colours and/or packaging on request.

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## SEAL-IT® 120 SPAC-ACRYL

### Technical Product Data

| PROPERTY                                        | STANDARD              | SPECIFICATION                          |
|-------------------------------------------------|-----------------------|----------------------------------------|
| Basis                                           |                       | ACRYLATE<br>DISPERSION 1-<br>COMPONENT |
| Standarity                                      | ISO 7390              | <3 mm                                  |
| Density                                         | ISO 1183              | 1,85 g/ml                              |
| Skin formation time                             | +23°C/50% RV          | 5-10 minutes                           |
| Dry matter content                              |                       | 85%                                    |
| Permissible deformation                         | EN 15651-1: F-EXT-INT | 7,5%                                   |
| Temperature resistance after<br>complete curing |                       | -20/+75°C                              |
| Mechanical values                               |                       | 2 mm film                              |
| Mechanical values                               | DIN 53505             | 28                                     |
| Modulus 100%                                    | DIN 53504             | 0,74 MPa                               |
| Elongation at break                             | DIN 53504             | 85%                                    |



### Shelf Life

In unopened original packaging, store cool and dry between +5°C and +25°C.  
Frost-resistant up to -15°C during transport. Shelf life: maximum 18 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.
- Completely degrease greasy surfaces using SEAL-IT® 510 CLEANER.
- Very porous and highly absorbent substrates, 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® 120 SPAC-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.

## SEAL-IT® 120 SPAC-ACRYL

### Painting Ability

SEAL-IT® 120 SPAC-ACRYL is excellently universally paintable with dispersion and synthetic paints and lacquers. SEAL-IT® 120 SPAC-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. Cracking 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 cracking 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® 120 SPAC-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 possible, provided that no precipitation falls within 5 hours after application. May discolour in combination with chemicals and due to 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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## SEAL-IT® 120 SPAC-ACRYL

### Certifications

EN 15651-1: F-EXT-INT 7.5 P.  
VOC-EMISSION CLASS A+.



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