

Swellseal Adhesive P

1-component spray applied contact adhesive for installation of Swellseal 3V/8V waterproofing strips to dry to moist precast elements.



• field of application

Installation of Swellseal 3V/8V hydroswelling strips on dry to moist concrete precast elements.

• advantages

- Fast application by airless spray.
- Very strong adhesion.
- Fast drying.
- Low consumption
- Toluene-free

• description

1-component ready to use polychloroprene contact adhesive for installation of Swellseal 3V/8V hydroswelling strips to dry or moist concrete precast elements. Swellseal Adhesive P can be spray or brush applied.

• application

1. Preparation

- The substrate surface and the Swellseal 3V/8V strip need to be clean, dry to slightly moist and free from grease, oil, dust and other substances which can have a negative influence on the adhesion to both surfaces.
- In case the surface is contaminated, clean and degrease by dry compressed air or by cleaning with a cloth and solvent. Do not use water or water based detergents.

2. Application

Preparation of the Swellseal 3V/8V strip

- It is recommended to unroll and pre-cut the Swellseal 3V/8V strip to the required length.
- In case the Swellseal 3V/8V strip is supplied on roll, do not start the installation of the strip at a corner. Take care to install both roll ends correctly onto the surface and press firmly together.
- If the Swellseal 3V/8V strip is premade into a joint ring, position the ring above the installation position or rebate on the element. Take care not to twist the joint.

Application of Swellseal Adhesive P

- For spray application of Swellseal Adhesive P, use a pressure vessel with an airless spray gun. The pressure vessel needs to be hermetically sealed.
- The compressed air pressure is maximum 3 bars. The spray pressure can vary according to the application conditions and the surface to be covered.
- Swellseal Adhesive P is ready to use, pour the required quantity in the pressure vessel.

• technical data/properties

- Adjust the spray pressure to obtain correct spray of Swellseal Adhesive P on the application surface.
- Apply Swellseal Adhesive P to both application surfaces.
- It is recommended to brush disperse the coat of Swellseal Adhesive P to avoid run-down of the adhesive.
- Before installation of the Swellseal 3V/8V strip, let Swellseal Adhesive cure for approximately 15 minutes depending on the ambient conditions. The adhesive has to be touch-dry.
- Position the Swellseal 3V/8V strip in the glue and press down firmly. Observe the correct position of the Swellseal 3V/8V strip in the rebate.
- Finish the installation by gently tapping down the strip with a rubber mallet without displacing the joint.

| Property | Value |
|-------------------------|-------------------------|
| Form | Liquid |
| Solids | Approx. 19 % |
| Viscosity | Approx 600 mPas |
| Density | 0,82 kg/dm ³ |
| Application temperature | 10 – 30°C |
| Temperature resistance | 100°C |
| Open time | 10 to 15 minutes |

• appearance

Transparent liquid.

• consumption

Consumption depends on the roughness of the surface and needs to be estimated by the applicator. A total coverage of the adhesion face needs to be obtained.

Typical consumption for a 20 mm wide strip is 15 to 20 g/lm.

• packaging

25 l metal pails = approx 20,5 kg net.

24 pails per pallet.

1 pallet = approx. 492 kg net/approx. 522 kg gross.

• storage

Swellseal Adhesive P needs to be stored in a dry and conditioned area in the original unopened pails. Storage temperature needs to be between 5 and 25°C.

Shelf life: 9 months.

• health & safety

Always wear correct and suitable personal protection equipment. Full covering overalls gloves and safety goggles. Avoid breathing in vapour. Provide sufficient ventilation. When working in confined areas, wear suitable respiratory protection. In case of contact with eyes and skin, rinse abundantly with water. If the irritation persists, contact a doctor. For more information please consult the respective Material Safety Data Sheet.