

# **Swellseal Adhesive S**

1-component contact adhesive for installation of Swellseal 3V/8V Type S waterproofing strips to dry to lightly moist substrates.



**• field of application**

Installation of rubber hydroswellings strips on dry to slightly moist concrete precast elements and other dry to slightly moist surfaces.

**• advantages**

- Very strong adhesion.
- Fast drying.
- Can be used with single application to the substrate surface.
- Applicable by brush, comb or airless spray.
- Toluene-free.

**• description**

1-component, ready to use thixotropic contact adhesive based on polychloroprene for installation of Swellseal 3V/8V Type S waterproofing strips on dry to slightly moist substrates.

**• application**

**1.Preparation**

- The substrate surface and the Swellseal 3V/8V Type S 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**

- Apply Swellseal Adhesive S by brush or fine comb to the substrate surface. It is recommended to unroll and pre-cut the Swellseal 3V/8V Type S strip to the required length.
- It is recommended to apply Swellseal Adhesive S in 2 coats, the first coat to impregnate the surface, the second to assure complete cover. The application of the second coat is immediately after application of the first coat.
- Let the adhesive cure for a minimum of 10 to 15 minutes to obtain an initial curing of the adhesive.
- Apply the Swellseal 3V/8V Type S strip to the substrate and apply a constant pressure. The force of the pressure is more important than the duration.
- Finish the installation by lightly tapping the strip with a rubber hammer without displacing the Swellseal 3V/8V Type S strip.

• **technical data/properties**

**3.Cleaning**

- Fresh Swellseal Adhesive S can be cleaned with solvent MEK. Cured product needs to be removed by mechanical means.

| Property       | Value   |
|----------------|---|
| Form           | Thixotropic liquid                                    |
| Density        | 0,88 kg/dm <sup>3</sup>                               |
| Viscosity      | Approx. 2200 mPas in use<br>Approx. 7200 mPas in rest |
| Polymerisation | Physical and cristallisation                          |
| Open time      | 10 to 15 minutes                                      |

• **appearance**

Black thixotropic gel.

• **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 design consumption on a smooth concrete surface can be calculated by multiplying the strip or rebate width in mm by 1,45 to obtain the consumption in g/m.

For example : 20 mm wide strip = 20 x 1,45 = 29 g/m Swellseal Adhesive S.

• **packaging**

15 kg metal pails.

24 pails per pallet.

1 pallet = approx. 360 kg net / approx. 390 kg gross.

• **storage**

Swellseal Adhesive S needs to be stored in a dry and conditioned area. Storage temperature needs to be between 5°C and 25°C.

Shelf life : 1 year in the original closed packaging.

• **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.