



## S95 SEALING POLYURETHANE

### DESCRIPTION

Polyurethane-cement sealant for flooring, in three components, for repairing and renovating floors. Suitable for aggressive areas where a jointless finish is required and maximum hygiene is essential.

### ADVANTAGES

Mainly used as a repair and sealing layer to improve the final appearance of the floor. Final layer in a multi-layer polyurethane-cement system.

Application time: 10 minutes.

Light foot traffic: 24 hours

Heavy traffic: 48 hours

Adhesion:  $>1.5\text{N/mm}^2$  ( )

Compression resistance:  $52\text{N/mm}^2$

Consumption:  $250\text{ g/m}^2$ ; multi-layer  $500\text{ g/m}^2$

### RECOMMENDED USES

#### PREPARATION OF THE SUBSTRATE

The substrate must be hard, solid and free of dust and other loose particles such as paint, lime residue, mortar, plaster, adhesive residue, etc., which could compromise adhesion to the substrate. Prior to mechanical preparation, remove any varnish, wax, grease, oil and similar contaminants. Concrete surfaces must be mechanically treated, either by intensive shot blasting or milling, and then thoroughly vacuumed. Any joints or cracks in the concrete substrate where differential movement is expected, e.g. expansion joints, must be raised to the finished surface and sealed appropriately. The tensile strength must not be less than  $1.5\text{ N/mm}^2$ . If in doubt, apply a test area first.

## **APPLICATION**

Mixing process:

First, mix parts A and B of the POLIURETANO S80 components for 1 minute using a suitable mixer in an appropriately sized container. Then add the contents of part C, the powder component, to the resin mixture and mix everything together for a further 2 minutes to obtain a homogeneous mass. One or more sets can be mixed at the same time.

Mixing ratio:

Component A: 2.50 kg

Component B: 2.70 kg

Component C: 4.5 kg

## **SURFACE PREPARATION**

Before application, confirm the moisture content of the substrate, the relative humidity and the dew point.

For floor coating applications, the mixed material should be applied immediately to the prepared and primed surface using a spreader and/or trowel to smooth it. As soon as the product has been spread and depending on the progress of the work, a spiked roller should be passed gently over the surface to achieve a flat appearance. The spiked roller should not be passed over the surface a second time.

All expansion joints in the substrate must be raised to the screed and sealed appropriately. Construction joints and cracks that are not subject to movement can be filled, but if the substrate moves despite this, these defects will show through the coating. Insulation joints must be made in areas where severe thermal shocks are expected, e.g. around stoves and freezers.

## **TECHNICAL CHARACTERISTICS**

It should be applied at temperatures above +10°C and below +30°C and in places where the relative atmospheric humidity (RH) is below 90%. Moisture content < 6%; if the floor has higher residual moisture, it must be treated with vapour barriers. Slope: Maximum 25 mm/m. Tensile strength: 1.5 MPa.

Colour stability:

Colour uniformity may vary slightly between production batches. Take care when using different batch numbers, as these should be applied to different or predefined areas as they may undergo colour changes or yellowing under the effects of ultraviolet light, depending on the intensity and duration of exposure, which will be more visible the lighter the colour of the mortar.

## CONSERVATION

Store in a dry place between +5°C and +30°C. Protect from frost and direct sunlight. The shelf life is 6 months in the original sealed packaging.

Chemical resistance:

S95 Sealing Polyurethane is resistant to a wide range of liquids and chemicals. For more specific information, please consult the PINAY Technical Department.

Product protection/curing:

Wait for the product to cure completely to achieve the stated performance of the material. During application and hardening of the products, do not carry out any work or activities that could damage the mortar; this applies until the product has completely cured.

### SAFETY

Consult the label and Safety Data Sheet.



Pinturas Ayelenses s.l.  
P.I. San José, s/n / 46812  
Ayelo de Malferit / Valencia / Spain  
t. 96 236 02 92 / f. 96 236 06 01  
pinturaspinay.com  
info@pinturaspinay.com