

Technical characteristics

SEALANT S is a high quality polyurethane elastomer specially indicated to respond to the technical requirements of the Signapool system: adhesion, watertightness, durability and resistance to pool water. These characteristics also make it an ideal idea for sealing expansion joints subjected to extreme stress: cold storage rooms at -30°C, radiant floors, façades exposed to hot summers and bitterly cold winters, etc..



WARNING

Do **not** use SEALANT S

- × On wet or dirty substrates or substrates impregnated with grease or repellents.
- × On plaster or plasterboard panels without first conducting preliminary tests.
- × SELLADOR S1 contains isocyanates, and must therefore be kept out of the reach of children.
- × On absorbent substrates without first applying PRIMER SEALANT S.

Fields of application

- 1) Perfect, super-elastic sealing in expansion joints.
- 2) Safe sealing of Signapool waterproofing systems: watertightness, adhesion and maximum flexibility.
- 3) Ideal for use in extreme cases: radiant floors, cold storage rooms at -30°C, façades exposed to heat, cold and damp, etc.
- 4) Ideal for sealing PVC wall ducts in public or private pools.
- 5) Ideal for sealing fissures in concrete in pools, tanks, etc.
- 6) Also suitable for use in aluminium carpentry, glazing and wooden carpentry.
- 7) Its extremely low modulus makes it highly elastic and perfect for application in interiors and exteriors, even those subject to strong vibrations.
- 8) It is resistant to oil and grease and does not corrode surfaces; waterproof and prevents the development of fungus.

Consumptions

PRIMER SEALANT S	0,2 lts/m ² ~ 0,004 lts/ml
SEALANT S:	Pool* 100m ² : 1 tube <i>*Considering approximately 1 skimmer, 1 light y 4 water exits</i>

How to use

SUBSTRATE:

All contact substrates must be resistant, solid, free from powder, paint, wax, oil and grease and perfectly hardened (on concrete: 4 weeks)

APPLYING THE PRIMER:

El SEALANT S can be applied to NON-absorbent substrates without applying a primer (aluminium, glass...), and ABSORBENT substrates after first applying the PRIMER SEALANT S product (on concrete, mortar, wood, tiles and bricks).

Apply with a brush until the substrate is completely saturated. It is ESSENTIAL to perform this operation EFFICIENTLY.

APPLYING THE FILLER:

Allow PRIMER SEALANT S to dry from 1 to up to 4 hours.

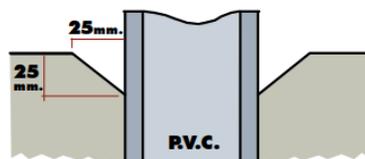
Cut the tip of the tube with a pair of scissors and place the tube inside the special gun for this type of container.

Cut the pipe to the required diameter and inclination.

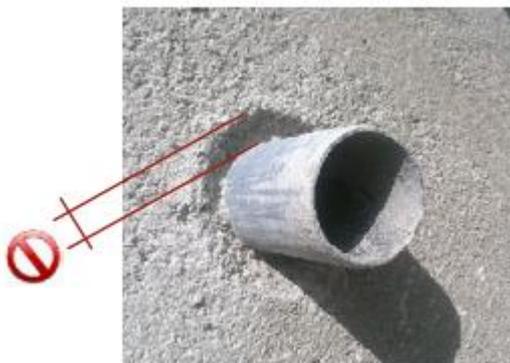
Apply the product, ensuring it penetrates well and that it comes into contact with the sides of the joint, concrete or fissure, etc. that is to be sealed.

Other useful tips:

- If the joint is very wide, apply the filler in three successive applications: the first two near the sides of the joint and the third, in the centre.
- It can be smoothed using a suitable tool and a little soapy water.
- It is advisable to use bodywork tape to ensure the perfect finish of the joint. Remove the tape while the filler is still soft.



Open the area around the pipe in a "V" shape.



This width is insufficient.



This width and this depth are correct.



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TECHNICAL SPECIFICATIONS

SEALANT S

Standards: EN 15651-1 y EN 15651-4

Product

TYPE	F-EX-T-INT y PW-INT A highly elastic polyurethane elastomer-based filler
DENSITY	1,2 g/cm ³
TOXICITY	Contains isocyanates: avoid contact with skin. If the product enters the eyes, wash them immediately with water

Application

APPLICATION TEMPERATURE	+ 1°C a + 30°C
"SKIN"-FORMING TIME	15 min (+20°C-65%hr)
POLYMERISATION SPEED	1,5mm every 24h. (+20°C-65%hr)

Final performance

SHORE A HARDNESS	14 ± 5
ELASTICITY MODULE	0,1-0,2 N/mm ² (DIN53504)
LENGTHENING UP TO BREAKAGE	> 800%
ELASTIC RECOVERY	> 80%
MOVEMENT CAPACITY	25%
PERMITTED TEMPERATURE RANGE	de -30°C a +90°C.
CHEMICAL RESISTANCE	To water, clearing agents, occasional contact with oil, hydrocarbons, acids or diluted alkalis.
RESISTANCE TO UV RADIATION	The sensitivity of polyurethane to UV radiation causes a slight deepening of the "color" of the joint, but without modifying its physical properties.

Storage

In a dry, ventilated place at temperatures of between +5°C and +25°C (never below +0°C)

- 12 months from the date of manufacture

Presentation

Supplied in: 600ml tubes in cement grey.



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PRIMER SEALANT S

Product

TYPE	Clear polyurethane liquid
DENSITY	1,03 g/cm ³
TOXICITY	Toxic for aquatic organisms. Do not breathe in.

Storage

In a dry, ventilated place at temperatures of between +5°C y +25°C: 12 months.

Presentation

Supplied in 500cm³ containers.



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