



PEGUS P3C-SL SELF LEVELING

DATA SHEET

DESCRIPTION

PEGUS P3C-SL is a self-leveling single component polyurethane based elastomeric sealant. After application, it cures under the effect of moisture, present in the atmosphere or the substrates, to form a flexible and resistant joint presenting very good adhesion on most of the substrates commonly used in the building industry.

PEGUS PC3-SL complies with California regulation for reducing VOC emissions from consumer products.

AREAS OF APPLICATION

PEGUS P3C-SL SELF LEVELING is specially adapted for sealing joints or horizontal expansion joints, indoor or outdoor, in the building industry. It may be used for pavement sealing on materials like concrete or cement screed.

The sealant adheres without primer on substrates commonly used in the building industry, such as wood, glass, anodized aluminum, concrete, baked clay, stone, ceramic tiles and concrete roof tiles.

For difficult materials like polyester, raw aluminum or lacquered metal, perform preliminary tests to determine whether a surface preparation is necessary.

TECHNICAL DATA

Appearance	Pasty
Color	Middle gray (7F231Y)
Viscosity at 20°C	Brookfield RVT 6 / 5 rpm: 25,000 ± 15,000 mPa.s
Density at 20°C	1.16 ± 0.02
Application temperature	5 to 35°C
Skin formation time at 23°C and 50 % RH	Approx. 50 min *
Cure time at 23°C and 50 % RH	> 3 mm after 24h
Shore A hardness (internal method IT-20 after ISO 868 - 3 seconds)	Approx. 15 after 21 days
Modulus at break (ISO 37)	≥ 0.6 MPa
Elongation at break (ISO 37)	≥ 600 %
VOC content (ASTM D2369)	< 3 %
Temperature resistance	-40 to +90°C (on cured sealant)



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Resistance to dilute acids and bases	Average
UV resistance	Good
Water and salt spray resistance	Excellent
Compatibility with paints	On cured sealant: <ul style="list-style-type: none">- water based paints: yes - carry out tests beforehand- solvent based paints: carry out tests beforehand

* this time depends on hygrometry and ambient temperature. In order to ensure a good adhesion, it is mandatory to do the bonding before the product has formed its skin.

INSTRUCTIONS FOR USE

Substrates preparation:

The substrates must be clean, even, dry, dust free and not have any traces of grease or other contaminants that could harm bonding.

If the substrates need to be cleaned, use Pegus 683, methylethylketone (MEK) or acetone. For materials sensitive to ketones, use Pegus 688/1 or ethanol.

Check their compatibility with the substrates.

If necessary, apply a primer. A surface preparation with Pegus PU 2001 is recommended on materials such as wood or concrete in order to reduce or prevent problems of bubbling under severe conditions (high moisture content in the substrates) - contact our technical department if needed.

It is recommended to rub down concrete, particularly cement film residue, with a metal brush. After scraping, remove the dust.

If necessary, rub down metallic surfaces beforehand (especially in presence of oxidation). After rubbing down, clean them with a solvent and allow to dry for at least 10 minutes.

Use a polyethylene backing foam to:

- avoid adhesion of the sealant on the bottom
- observe width / depth ratio defined by the following rule: optimal joint's depth = joint's width / 2, with a minimal depth of 8 mm.

It is possible to realize joints from 10 to 35 mm width with this sealant.

Note: when using solvents, extinguish all sources of ignition and carefully follow the safety and handling instructions given by the manufacturer.

Caulking:

Pegus P3C-SL can be applied by a manual gun. This product should be used within 24 hours after opening the packaging, otherwise, the sealant could cure. Do not apply at a temperature below 5°C. Do not use on recent bituminous substrates because of oil exudation risk. Avoid any contact with non-cured MS, hybrid PU or silicone sealants as well as with alcohols or ammonia during curing.

Cleaning:

Tools can be cleaned with MEK or acetone before the sealant has completely cured. After curing, abrasion is necessary.



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CONSUMPTION

600 ml sausage, according to the diameter of the nozzle:

Tube (mm)	2	3	4	5	6	7	8	9	10
Length of cord (m)	190	85	47	30	21	15	11	9	7

600 ml sausage, according to the joint's width (ensure compliance with the sizing rule specified in the Instructions for use):

Width of the joint (mm)	10	15	20	25	30	35
Length (linear meter)	190	85	47	30	21	15

For information purpose, dependent on the bonding conditions (surface's state, substrates, etc.)

STORAGE AND SHELF LIFE

6 months (drums) and 12 months (sausages) in closed original packaging stored at a temperature below 25°C. In cold weather, store the packaging at about 20°C before use.

PACKAGING

600 ml sausages and 200 L metal drums. Contact us for other packaging options.

SAFETY

Read material safety data sheet before use.

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Our guarantee applies within the context of the statutory regulations and provisions in force, current professional standards and in accordance with the stipulations set out in our general sales conditions.

The information detailed in the present technical data sheet is given by way of indication and is not exhaustive. The same applies to any information provided verbally by telephone to any prospective or existing customer.