



# PEGUS P1C NON-SAG

## DATA SHEET

### DESCRIPTION

PEGUS P1C NON-SAG is a one-component, multipurpose polyurethane sealant. It's LVOC, remains permanently flexible and cures in the presence of atmospheric humidity.

### AREAS OF APPLICATION

PEGUS P1C NON-SAG forms a flexible and resistant bond to a wide variety of materials with dissimilar coefficients of expansion. It can be used for heavy and light precast panel expansion joints, wood, aluminum and PVC seams. It's highly recommended for vertical and horizontal expansion joints in concrete, masonry and baked clay. This sealant also has good adhesion without primer on other materials, such as glass and ceramic tiles.

**TABLE 1 – PROPERTIES AS SUPPLIED**

Consistency	Pasty
Sagging	None
Compatibility with paints	Water based : yes Solvent based : carry out tests beforehand
Application temperature	5 to 35 °C
Skin formation, superficial curing at 23 °C and 50 % RH	90 min
Curing at 23 °C and 50 % RH	3 mm/24 h
Extrusion Rate (grams/minute)	400
VOC content	< 3%

**TABLE 2 – PROPERTIES WHEN CURED**

Final Shore A hardness	25
Modulus at 100 % elongation	Ca. 0.3 MPa
Elongation at break	> 500 %
Tear strength	Approx 7.0 N/mm
Resistance to dilute acids and bases	Average
Resistance to UV radiation	Good
Water and salt spray resistance	Excellent
Temperature resistance	-40 to +80 °C

### INSTRUCTIONS FOR USE

#### ***Substrate preparation :***

The key to long-term sealant and adhesive performance is proper substrate preparation. The substrates must be clean, even, dry, free of dust, oil, grease and any contaminants that could interfere with bonding. Clean the substrates with methylethylketone (MEK), acetone or degreaser Pegus C1. Check the compatibility of the solvent used with the substrates. When using solvents, extinguish all sources of ignition and carefully follow the safety and handling instructions given by the manufacturer or supplier.



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If necessary, rub down metal surfaces beforehand. Clean them after rubbing down. Allow the substrate to dry after degreasing. If necessary, apply a primer. We recommend to clean concrete with a metal brush.

### ***Application:***

PEGUS P1C NON-SAG can be applied by a manual or pneumatic gun. Avoid applying sealants below 5°C. Also avoid applying sealants when threat of rain is imminent. If ambient temperature exceeds 29°C and particularly when substrates are exposed to direct sunlight, check surface temperatures to be sure they don't exceed the maximum recommended of 60°C. In cold weather, store the unopened packages at about 20°C before use. Tool joint with clean water or dry.

### ***Cleaning :***

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

## **PACKAGING**

300 ml cartridges and 600 ml sausages

## **STORAGE AND SHELF LIFE**

12 months in the original, hermetically sealed cartridges or sausages between 5 and 25 °C.

## **SAFETY**

Not classified as hazardous. Read the material safety data sheet before use.

### **Note :**

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