

# BLUSKY™ POLICAULK PU

## Single Component PU Sealant

### Description

**BLUSKY™ POLICAULK PU** is a one pack polyurethane sealant for horizontal (self-leveling, type-S) and for Vertical construction (non-sag, type –NS).

### Indicative Characteristics

Form	Paste
Specific Gravity@ 30°C	1.4± 0.1
Curing method	Moisture cure
Tack free time	~6 hrs.
Full cure	7 days
Joint movement accommodation	±25%
Hardness, Shore A	~50
Elongation, %	>500%

### Domains of Application

- Metal frame circumference sealing
- Various joint sealing of concrete structures
- Repairing of cracks
- Joint sealing of roads and factory floors.

### Method Of Application

#### Joint Design

The maximum permanent expansion must not be more than ± 25% of the joint width. For joints below 12mm width the permanent joint movement must not be more than ± 20%.

#### Joint Preparation

Surfaces must be dry, sound and free from dirt, grease and other loose foreign matter. Use Backer Rod to adjust joint width to depth ratio of 2: 1. For joints below 12mm width the ratio if 1: 1. The minimum depth not to be less than 8mm. Do not apply sealant to oily surfaces, bitumen or tar impregnated materials. Cover edges of joint with masking tape.

### Advantages

- Quick initial cure to minimize down time.
- Resistant to wide range of chemicals, water, U.V., oils and solvents.
- Excellent tensile strength and elongation
- Economical.

### Shelf Life & Storage

6 months from the date of manufacturing when stored in un-opened, original sealed and dry condition at a temperature range from +5°C to 40°C

### Packing

600ml sausage

### Precautions

- Preferably store in sealed conventional containers, protected from extreme weather conditions.
- Clean all tools and application equipment with solvent before it set. Clean immediately after use. Hardened / cured material can only be mechanically removed.

### Safety

- Wear hand gloves, safety shoes and safety goggles while using and handling the product.
- In case eyes or mouth are affected wash with plenty of clean water and seek medical treatment immediately.

Before use, refer to the Material Safety Data Sheet. The MSDS is available on [www.bluskyscpl.com](http://www.bluskyscpl.com)

The information contained in this technical data sheet is given to the best of our knowledge and the results from extensive testing in order to remain as objective as possible. However, it cannot, in any case be considered as a warranty involving our liability in case of misuse or any different use of our products from the “Application” paragraph of this technical data sheet. Some application tests should be carried out before using the product to ensure that the methods of use and conditions of application of the product are satisfactory. Our technical assistance is at the disposal of the users Consult the latest update of the technical data sheet on our website [www.bluskyscpl.com](http://www.bluskyscpl.com)