



# CLASSIC PU SEAL

## Low Modulus PU Sealant-Expansion Joints

### Product:

Single component polyurethane elastomer. Classification elastomer 1<sup>st</sup> category. Primer omitted on anodized aluminium and mortar.

### Use:

Respect SNJF Professional laws concerning the suitability of the products for tightness of joints.

### Instruction for Use:

#### Surface Preparation:

Surfaces must be clean, dry and free of dust, grease or parting compound. Concrete surfaces must be dry and stable (at least 4 weeks). Users must check that the mastic is compatible with the surface in terms of adhesiveness, staining and chemical compatibility. Correctly size the joint according to SNJF professional laws.

#### Making the Joint:

If necessary, apply a thin layer of the P11 polyurethane primer on the surface. After the primer has dried, press a flexible non-adhesive joint filler on the mastic. The joint filler should be free of holes to ensure that bubbles do not form in the joint. For a better finish, use protection strips. For narrow joints, apply the mastic in one movement. For very wide joints, apply the mastic in three places: the first two on the edges of the joint and the third on the joint filler. Smooth out with soapy water. Press the mastic against the edges and the joint and the joint filler while taking care not to create air bubbles. Remove protection strips. Clean equipment with white spirit before drying. Polymerised mastic can be scraped off. May be painted after polymerization is complete. Use acrylic or vinyl dispersion paints after testing a section.

### Packing:

Available only in 600 gm pack.

### Applications:

Expansion joints used in the building industry. Sealing joint for heavy frontage panels, Curtain-walls, assembling of panels, exterior woodwork. Jointing between frames and preframes, between wood and Stonewood. Adheres on most supports in the building industry: concrete, glass, anodized aluminium, wood,

### Properties:

**Skin Formation time (23°C 50%HR) ----**90-120 sec  
**Polymerised Thickness after 24hrs (23°C, 50%HR) -----**2, 5 mm  
**Resistance to Flow at 23°C-----** <=3mm  
**Resistance to Flow at 50°C-----** <=3mm  
**Application Temperature-----**+5°C 5T5 + 40°C  
**On Polymerised Joint:**  
Hardness, Shore A-----25  
Modulus of Elasticity (at 100%)---0, 25 MPa  
Elongation at break-----250%  
Elastic Recovery----->70%  
Movement Capability-----25%  
Service Temperature----(-20%)<=T<=+80%

### Chemical Resistance:

Water, Cleaning agents, accidental spray oils, Hydrocarbons, and diluted acids and bases. Due to the sensitivity of polyurethane to UV rays, light shades change colour. This change in appearance does not modify their mechanical properties or leak tightness.

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### Variety of Products:

Following are the other similar products from Primadonn Buildtech Pvt. Ltd.

- Classic Acryseal
- Classic Polyseal
- Classic PU Grout
- Classic Remould
- Classic Remould-RTU
- Classic Taccoat
- Classic Taccoat-TS
- Classic ZRP-371



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