

PU SEALANT-147

ONE COMPONENT POLYURETHANE SEALANT

PU 147 is one component polyurethane-based sealant. Resistance to surface movements.

CHARACTERISTICS

- Suitable for outdoor usage
- Medium modulus
- UV resistance
- Paint applicable
- Resistance to different weather conditions (-30°C/+120°C)
- Perfect adhesion
- Create smooth surface

TECHNICAL DATA

Colour	White, Grey
Density	1,35 gr/cm ³
Shore hardness	30-35
Hardness time	24 hours for 2 mm
Skin formation time	60 minutes
Flexibility	>500%
Max.joint edge width	4cm

APPLICATIONS / USES

It is used at interior and exterior expansions joints in buildings, all vertical & horizontal dilatations between refabricate elements in high buildings, towers, terrace dilatations, wood, metal-based joints as a joint waterproofing sealant.

Surface preparation: The joint edges must be clean, all oil, dust, dirt, and any other materials that may be used before must be removed.

Water affects the **PU 147** so joint edges must be dry and **PU 147** must be protected from water unless the chemical hardness occurred. **PU 147** can be applied without primer application. Polyethylene wicks must be used for filling to avoid adhesion of sealant to the bottom of joint edges. This gives ability for two-way movement.

Wick's diameter should bigger than 20-25% of joint edge's diameter. Width and deep of the edge should not be less than 5mm. Up to 15mm; the width size of the edge should be equal to its deep size. For wider joint edges, the deep size adjusted to 20-25mm. For hand applications; place the sealant **PU 147** into the gun and inject the sealant into the joint without causing any air bubble.

Equipment cleaning: Wet sealant can be cleaned with ethyl acetate or other suitable solvents. Dry sealant only removed by mechanical applications.

STORAGE

Storage temperature should be normal room temperature to ensure max shelf life (12 month).

PACKING

600ml sausage

HEALTH & SAFETY

If it touches with skin wash with water and soap. Do not use the empty packages for the storage of nutriment

DISCLAIMER

The information, and, in particular, the recommendations how to use and apply the product, are given in good faith based on our current knowledge and experience of the products when properly stored, handled and applied under normal conditions in accordance with manufacturer's recommendations. All data are mean of numerous tests, assessment and analysis conducted under laboratory ambience. Climatic disparity in temperature, humidity and porosity of substrate may impinge on values. The user of the product must test the product's suitability for the intended application and purpose. MERZ Construction Products Ltd does not give any warranty express or implied as to the suitability of this product for your particular use, because the usage of this product is beyond the control of MERZ Construction Products Ltd. MERZ Construction Products Ltd does not accept any liability either directly or indirectly for any losses suffered in connection with the use or application of the product whether or not in accordance with any advice, specification, recommendation or information given by it.

*All Products are produced for MERZ by OEM Manufacturers