

PU-10

Single Component Hybrid
Polyurethane (PU) Sealant

PU-10 advanced PU Hybrid Sealant is a high-strength, neutral-cure all-purpose adhesive based on advanced PU hybrid technology. It exhibits outstanding adhesion, excellent storage stability and very good processing properties.

APPLICATIONS

PU-10 is an all-purpose sealant and can be used for sandwich paneling, structural bonding, assembly adhesive, automotive applications, natural stone, swimming pool areas, container assembly, wind power stations, wood construction, shipbuilding and more.

STANDARDS : ASTM C 920 TYPE S , GRADE NS,CLASS 25

FEATURES

- 100% green sealant
- Solvent, Isocyanate and tin free.
- Odour less
- All-purpose
- Stable at temperatures from -40°C to +80°C.
- Develops strength fast
- Formulated for excellent adhesion to many different surfaces.
- Non-corrosive and paintable.
- Highly resistant to mineral oils, solvents, acids and alkalis.

TECHNICAL SPECIFICATION

Physical Properties	Typical Value
Basis	: One part moisture cure sealant
Specific gravity	: 1.45
Viscosity flow	: Non-sag
Skin Forming time	: 20 minutes
Tack free time	: 30 minutes
Depth cure	: 2mm/day
Application Temperature	: +5°C to 50°C
Elongation	: 250%
Hardness, shore A	: 50

PU-10

Single Component Hybrid
Polyurethane (PU) Sealant

IMPORTANT INFORMATION

While processing, the substrates must be clean and free of dust and grease. The form of application will depend on the type of container chosen and the job in question. The adhesive can be squeezed out through a cartridge nozzle or applied to larger areas with a trowel. It requires moisture in order to cure. The adhesive should therefore be applied in bead form to moisture impermeable substrates or else these should be moistened prior to bonding.

PACKAGING

600ml sausage packing.

COLORS

PU-10 is available in white and grey. Other colors are available up on request.

SAFETY

Safety data sheet available up on request.

STORAGE AND SHELF-LIFE

PU-10 has a shelf life of 12 months when stored in tightly closed original casks, in any place at a temperature between +5°C and +35°C, without direct solar irradiation.

YIELD

The following formula is an approximate guideline to calculate foreseen yield for a standard 600ml sausage of PU-10

$$L = 600 / (W \times D)$$

Where: L = Length of sealant in metres obtained per cartridge.

D = Depth of the joint in mm W = Width of the joint in mm



TECHNICAL SERVICE:

Our Technical Service Department is available at any time to advise you in the correct use of this product or any other Ahlia products.

Note : The information presented herein is based on the best of our knowledge and expertise for which every effort is made to ensure its reliability. Although all the products are subjected to rigid quality tests and are guaranteed against defective materials and manufacture, no specific guarantee can be extended because results depend not only on quality but also on other factors beyond our control.

As all Ahlia Technical Data Sheets are updated on a regular basis, it is the user responsibility to collect most recent issue.