

DESCRIPTION

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.

APPLICATION

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.

INSTALLATION

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

PU-10 has a shelf life of 12 months when stored in tightly closed original casks, in a dry 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

PROPERTIES

PHYSICAL PROPERTIES	TYPICAL VALUES
BASIS	ONE PART MIOSTURE CURE SEALANT
SPECIFIC GRAVITY	1.45
VISCOSITY FLOW	NON-SAG
SKIN FORMING TIME	20 MINUTES
TACK FREE TIIME	30 MINUTES
DEPTH CURE	2mm/day
APPLICATION TEMP	+5 ⁰ c to 50 ⁰ c
ELONGATION	250 %
HARDNESS, SHORE A	50



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.

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