

ADiNO® PUR 5806.0

2-C PUR Surface Adhesive

Application

- Manufacture of sandwich / composite elements in the building, refrigerated vehicle, and furniture and interior industry.
- Surface bonding like rigid PVC, GRP (glass fibre reinforced plastics), Alu, HPL etc on diverse core and insulating materials like WPC (wood plastic composite), PU and PS/XPS foams, mineral wool etc.

Characteristics

- 2-component reaction curing
- Elastic adhesive joint
- Good weather proofness
- Formaldehyde free
- Can be painted over when hard-dry

Technical Data – Mixture (Component A ADiNO® PUR 5806.0 + Component B ADiNO® H 1106.0)

Basis	:	2-Component Polyurethane
Viscosity @ 20°C (Brookfield)	:	approx. 3,100 mPa.s
Density	:	approx. 1.51 g/cm ³
Colour	:	beige
Mixing ratio – parts by weight	:	A : B = 100 : 16
Mixing ratio – parts by volume	:	A : B = 5 : 1
Pot life (100g batch at + 20 °C)	:	approx. 480 minutes
Processing time (in roller at 20 °C)	:	approx. 80 minutes
Functional Strength (20°C/50%RH)	:	approx. 16 hrs
Open time (20°C/50%RH)	:	approx. 30 minutes
Setting time (20°C/50%RH)	:	approx. 72 hours
Application amount	:	80-200 g/m ² depending on the materials

Instruction for Use

Component A must be agitated before taken out. Component A is mixed with Component B in the specified mixing ratio to be homogenous. Apply the glue on one side manually with spatula or hand-held applicator, or with a suitable automatic nozzle systems or roller applicator.

The surfaces must be clean and dust-free. For plastic and metal we recommend to use primer for an improved bonding quality. Aluminium, brass, copper and Polyolefin (e.g. PE, PP) must be pre-treated!

Pot-life, processing times and pressing times are influenced by temperature, material characteristics applied quantity and other factors. Therefore self-tests are necessary to determine accurate application parameters.

Cleaning of wet glue with cleaner ADiNO® CL 4955.0, hardened glue can only be cleaned mechanically.

Packaging / Storage

Component A - ADiNO® PUR 5806.0: 1,000 ltr container, net weight 1,500 kg

Component B - ADiNO® H 1106.0: 200 ltr bung hole drum, net weight 250 kg

Shelf-life 12 months after production date.

Keep in a cool and dry place

All information based on internal tests and many years of practical experience.

The variety of materials used and different work conditions, which lie beyond our control, preclude any claims based on this data.

We recommend performing sufficient test and pilot run that our technical service team gladly support.

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