

Technical Product Information



ADiNO® PUR 5880.0

1-C PUR Surface Adhesive

Application

- Flat-bonding on various board materials
- Manufacture of sandwich / composite elements
- Manufacture of special elements, such as steel doors
- Particular materials such as PVC-hard, WPC, GRP (ground), pre-treated aluminium, steel, recycled materials, HPL, etc.
- Diverse insulating materials such as PU and PS/XPS foams, mineral wool
- Construction materials such as fibre cement, stone and ceramic, etc.
- Also suitable for wood-bonding

Characteristics

- 1-component moisture curing
- Tough-hard glue line
- Low flame-spread characteristics when hard-dry
- Low penetration into mineral wool
- High bonding strength at heat
- Good weather proofness
- Formaldehyde free
- Foaming during crosslinking process
- Can be painted over when hard-dry

Technical Data

Basis	:	Polyurethane
Viscosity	:	approx. 5,000 mPa.s
Density	:	approx. 1.47 g/cm ³
Colour	:	beige
Open time – dry (at 20°C/50%RH)	:	approx. 30 minutes
Open time - wet (at 20°C/sprayed with water)	:	approx. 27 minutes
Pressing time (at 20°C)	:	approx. 70 minutes
Setting time	:	approx. 72 hours
Application amount	:	80-150 g/m ² depending on the materials

Instruction for Use

Stir the adhesive in the original container before use. Apply the adhesive on one side with a suitable automatic nozzle system or manual with spatula or hand-held applicator.

The surfaces must be clean and dust-free. For plastic and metal we recommend to use primer for an improved bonding quality. Aluminium and Polyolefin (e.g. PE, PP) must be pre-treated! If bonding non-absorbent materials or wood with a moisture content below 8% the materials to bond must be fogged with water.

Open time, joining times as well as following processing times can only be determined accurately by self-test, as they depend on material, temperature, humidity, applied quantity and other criterions

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

Packaging / Storage

1,300 kg IBC tank, 280 kg drum / 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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