

ADiNO[®] PUR 5820.0

1-C PUR Adhesive

Application

- Manufacture of sandwich and composite elements
- Insulating materials such as PU and PS/XPS foams
- Particular materials such as PVC-hard, GRP (ground), pre-treated aluminium, recycled materials, HPL, etc.
- Construction materials such as fibre cement, stone and ceramic, etc
- Bonding of soft, hard and tropical wood species and all kind of wood-based materials, HPL, etc.

Characteristics

- 1-component moisture curing
- Weathering resistance according to EN 204 – D4
- Solvent free, formaldehyde free
- Controlled high foam volume
- Short pressing times
- Achieves heat resistance as per DIN EN 14257 (WATT 91) of 8.5N/mm²
- Can be painted over when hard-dry

Technical Data

Basis	:	Polyurethane
Solid content	:	approx. 100 %
Viscosity @ 20°C	:	approx. 4,900 mPa.s
Density	:	approx. 1.14 g/cm ³
Colour	:	brown
Open time (20°C/50%RH)	:	approx. 20 minutes
Pressing time (20°C/50%RH)	:	approx. 50 minutes
Setting time	:	approx. 72 hours
Application amount	:	80-150 g/m ² depending on the materials

Instruction for Use

Apply the glue on one side manual with spatula or hand-held applicator or with suitable automatic nozzle system. 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 criteria.

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

Packaging / Storage

1.000g bottle, 220 kg drum / shelf-life 18 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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Eysseneckstraße 4, 60322 Frankfurt/Main, Germany