

## ADiNO<sup>®</sup> PUR 5885.0

### 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, composite honeycomb, etc.
- 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-elastic glue line
- Good weather proofness
- Solvent free, formaldehyde free
- Foaming during crosslinking process
- High bonding strength at heat
- Very long open time
- Can be painted over when hard-dry

#### Technical Data

Basis	:	Polyurethane
Solid content	:	approx. 100 %
Viscosity	:	approx. 6,500 mPa.s
Density	:	approx. 1.12 g/cm <sup>3</sup>
Colour	:	brown
Open time – dry (at 20°C/50%RH)	:	approx. 110 minutes
Open time - wet (at 20°C/sprayed with water)	:	approx. 40 minutes
Pressing time (at 20°C)	:	approx. 240 minutes
Setting time	:	approx. 72 hours
Application amount	:	80-150 g/m <sup>2</sup> depending on the materials

#### Instruction for Use

Apply the glue on one side manual with spatula or hand-held applicator or with a suitable automatic nozzle systems. 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<sup>®</sup> CL 4955.0, hardened glue can only be removed mechanically.

#### Packaging / Storage

200 kg drum; other packing units on request / 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.*

**January 2025, Adino GmbH.** Email: [info@adinoklebstoffe.de](mailto:info@adinoklebstoffe.de) – [www.adinoklebstoffe.de](http://www.adinoklebstoffe.de)  
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