

## ADiNO<sup>®</sup> PUR 5890.0

### 1-C PUR Adhesive

#### Application

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

#### Characteristics

- 1-component moisture curing
- Weathering resistance according to EN 204 – D4
- Solvent free, formaldehyde free
- Controlled foam volume.
- Especially long open time
- Meets the requirements as per DIN EN 14257 (WATT 91)
- Can be painted over when hard-dry

#### Technical Data

|                            |   |  |
|----------------------------|---|--|
| Basis                      | : | Polyurethane                                       |
| Solid content              | : | approx. 100 %                                      |
| Viscosity @ 20°C           | : | approx. 4,700 mPa.s                                |
| Density                    | : | approx. 1.14 g/cm <sup>3</sup>                     |
| Colour                     | : | brown  |
| Open time (20°C/50%RH)     | : | approx. 120 minutes                                |
| Pressing time (20°C/50%RH) | : | 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 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 criterions.

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

#### Packaging / Storage

1000g bottle; 220 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.*

**November 2023, Adino GmbH.** Email: [info@adinoklebstoffe.de](mailto:info@adinoklebstoffe.de) – [www.adinoklebstoffe.de](http://www.adinoklebstoffe.de)  
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