

ADiNO[®] PowerNail K1

1-C PUR Adhesive

Application

- Universal assembly bonding of common materials used in the furniture and construction industry
- Mortise and tenon, doweling and general wood assembly
- Decorative profiles, ornaments on coated surfaces
- Bonding of skirting, decorative profiles at construction sites
- Window and door manufacturing, corner angles bonding
- Fixation of signs
- Fixation of struts for double-flooring.

Characteristics

- 1-component moisture curing
- Tough-elastic adhesive joint
- Thixotropic, does not drop off
- Very high wet tack and fast developing green strength
- Particularly fast reaction time, very short pressing times
- Weathering resistance according to EN 204 – D4
- Solvent free, formaldehyde free
- Foaming during crosslinking process
- High bonding strength at heat (WATT 91 approx. 8 N/mm² at 80 °C)
- Can be painted over when hard-dry

Technical Data

Basis	:	Polyurethane
Solid content	:	approx. 100 %
Viscosity	:	pasty
Density	:	approx. 1.52 g/cm ³
Open time (20°C/50%RH)	:	approx. 5 minutes
Functional strength (20°C/50%RH)	:	approx. 12 minutes
Setting time	:	approx. 72 hours
Application amount	:	80-200 g/m ² depending on material

Instruction for Use

Apply the glue on one side manually directly from the cartridge in lines or glue dots.

The surfaces must be clean and dust-free, aluminium as well as Polyolefins (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 subsequent 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 60, hardened glue can only be cleaned mechanically.

Packaging / Storage

300 ml cartridge, 600 ml alu tubular bag / 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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