

ADiNO® PowerNail K2

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
- Semi-hard adhesive joint
- Thixotropic, does not drop off
- Very high wet tack and fast developing green strength
- Long open time
- Solvent free, formaldehyde free
- Foaming during crosslinking process
- High bonding strength at heat
- Can be painted over when hard-dry
- Can subsequently be powder-coated (30 min/+200 °C)

Technical Data

Basis	:	Polyurethane
Solid content	:	approx. 100 %
Viscosity (Brookfield)	:	pasty
Density	:	approx. 1.52 g/cm ³
Open time (20°C/50%RH)	:	approx. 60 minutes
Functional strength (20°C/50%RH)	:	approx. 240 minutes
Setting time (20°C/50%RH)	:	5-7 Tage
Application amount	:	80-200 g/m ² depending on material

Instruction for Use

Apply the adhesive directly from the cartridge/tube-bag to one side of the surface. The surface must be clean and free of dust, dirt, oil and grease. Join the workpieces within the open time and min. press until functional strength is achieved.

For plastic and metal, we recommend using a primer for improved adhesion; aluminum and polyolefins (e.g. PE, PP) must be pre-treated (corona and/or primer).

When bonding non-absorbent materials or materials with moisture content < 8% together, the substrate should be slightly moistened with water prior to bonding.

Open time, curing time and subsequent processing time can only be determined precisely through own tests, as they depend on materials used, temperature, humidity, (ambient conditions), application amount and other criteria.

For cleaning fresh adhesive, we recommend using ADiNO® CL 4955.0 cleaner; cured/hardened adhesive can only be removed mechanically.

Packaging / Storage

310 ml cartridge, 600 ml alu tubular bag / shelf-life 12 months after production date.

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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