

## ADiNO<sup>®</sup> 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
- Weathering resistance according to EN 204 – D4
- 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	:	pasty
Density	:	approx. 1.52 g/cm <sup>3</sup>
Open time (20°C/50%RH)	:	approx. 45 minutes
Functional strength (20°C/50%RH)	:	approx. 90 minutes
Setting time	:	approx. 72 hours
Application amount	:	80-200 g/m <sup>2</sup> 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<sup>®</sup> 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.*