

ADiNO[®] PowerNail K5

1-C PUR Adhesive

Application

- Universal elastic bonding application of common materials used in the furniture and construction industry. E.g. assembly of frames, acoustic ceiling tiles, decorative profiles on furniture parts, metal legs for raised floorings, etc.
- Sealing of joints in concrete and stone, as well as in the vehicle industry, container and liquid tanks / silos manufacture

Characteristics

- 1-component moisture curing
- Elastic glue-line
- Non-foaming during curing process
- Bonds and seals at the same time
- Highest water and heat resistance, UV resistance, salt-water resistance
- Resistant against many chemical substrates and oils
- Solvent free, formaldehyde free
- Can be painted over when hard-dry

Technical Data

Basis	:	Polyurethane
Color	:	grey, white, black
Solid content	:	approx. 100 %
Viscosity (Brookfield)	:	pasty
Density	:	approx. 1.3 g/cm ³
Open time (20°C/50%RH)	:	approx. 25 minutes
Functional strength (20°C/50%RH)	:	approx. 45 minutes
Setting time (20°C/50%RH)	:	approx. 72 hours
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 9 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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