

ADiNO[®] PowerNail MS White

1-C MS Adhesive

Application

- Universal assembly bonding and sealing
- Glass and mirror bonding in furniture manufacturing
- Bonding and sealing in automotive and vehicle body manufacturing
- Skirting, laying of laminate floor and cable ducts
- Bonding of sandwich elements
- Solar systems and wind power plants
- Fixation of signs
- Joint sealing in construction works, e.g. window and door installation
- Diverse industrial fields

Characteristics

- 1-component moisture curing
- Elastic adhesive joint
- Solvent free, formaldehyde free
- Very low emission
- Not foaming
- Low shrinkage
- Good weathering resistance in exterior applications
- Good UV stability
- Salt water resistant as per EN ISO 9227
- Compatible with mirror rear sides as per EN 1306
- Can be painted over when hard-dry

Technical Data

Basis		: MS
Solid content		: approx. 100 %
Viscosity	(Brookfield)	: pasty
Density		: approx. 1.54 g/cm ³
Open time	(20°C/50%RH)	: approx. 12 minutes
Functional strength	(20°C/50%RH)	: approx. 45 minutes
Setting time	(20°C/50%RH)	: approx. 7 days
Hardness	(shore A as per DIN 53505)	: approx. 55

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

300 ml cartridge / shelf-life 18 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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