

ADiNO[®] HM PU 9028.0

Flat Lamination Hotmelt Adhesive

Application

- Especially suitable for the manufacturing of parquet flooring, doors and other sandwich elements
- Manufacturing of composite panels of various materials such as foam materials and honeycombs with wood, metal and plastics
- Flat lamination of wood-based or other commonly used board materials (e.g. WPVC) with HPL and other sheet materials

Characteristics

- Highest heat, water and solvent resistance
- Highest green strength / initial tack
- Low consumption
- Short open time

Technical Data

Basis	:	PU
Colour	:	.0 = natural
Viscosity @ 140°C (Brookfield)	:	approx. 10,000 mPa.s
Density	:	approx. 1.08 g/cm ³
Softening Point (R&B)	:	approx. 130°C
Application Temperature	:	140-160°C
Open time	:	approx. 90 seconds
Curing time* (depending on temperature and humidity)	:	approx. 5 days

*= Internal test method

Instruction for Use

Use special air-tight melting equipment for reactive PUR-based hotmelt and apply the adhesive using slot nozzle or roller applicator. Suitable for use in automatic hotmelt application equipment at the recommended working temperature. During longer machine downtimes, we recommend reducing the temperature of the application system to <80°C.

Thermoplastic materials and aluminium shall be pre-treated (corona and/or primer). It's recommended that the ambient temperature shall be above 15 °C, the application surface shall be clean from dust, dirt and grease.

In case of long-term stop of the machine, we recommend cleaning the roller applicator with the powder cleaner ADiNO[®] CL 9902.0. For flushing the melting unit, hoses, nozzles and other application parts we recommend using ADiNO[®] CL 9911.6.

The bonding results depend on used materials and machine settings, ambient conditions, etc.; therefore, customer trials are necessary.

Packaging / Storage

18kg Hobstock and 180kg drum / shelf-life 12 months after production date.

Keep in a cool and dry place 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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