

ADiNO[®] WB 1750.0

PU Modified Adhesive

Application

- Heat-sealing procedures, thermoforming / 3D lamination of thermoplastic foil materials, veneer onto wood-based panels
- In membrane or vacuum presses

Characteristics

- Can be used as 1-component adhesive
- For increased heat resistance, use as 2-component system by adding 5% of ADiNO[®] Hardener H 1104.0
- Good adhesion properties to thermoplastic foils
- Very smooth surface
- Fast setting

Technical Data

Basis	:	PU Modified
Solid content	:	approx. 45%
pH-value	:	approx. 7
Viscosity @ 20°C (Brookfield)	:	approx. 1,100 mPa.s
Density	:	approx. 1.06 g/cm ³
Min. film forming temperature	:	approx. 39 °C
Reactivation temperature	:	approx. 60-80 °C
Reactivation time after spraying	:	within 8 hours
Pot life	:	approx. 8 hours, depending on temperature and humidity
Application quantity	:	approx. 60-80 g/m ²

Instruction for Use

Apply the adhesive with a spray gun with nozzle size 1.5-2.0mm, material pressure 2-5 bar. Apply the adhesive onto the board and laminate decorative foil within the reactivation time onto the board.

After spray application and drying, the adhesive has to be reactivated by heat and pressure in a thermoforming press. Full curing is reached after approx. 7 days.

Factors like temperature, humidity, materials and application quantities influence process times and machine settings. To determine accurate working parameters, self tests are necessary.

Fresh and uncured adhesive residues can best be removed with water.

Packaging / Storage

20 kg pail, other packing sizes on request / shelf-life 6 months after production date.

Keep in a cool and dry place; avoid frost

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.

November 2025, Adino GmbH. Email: info@adinoklebstoffe.de – www.adinoklebstoffe.de
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