

## ADiNO<sup>®</sup> WB 1751.0

formerly WB 1951

### PU Dispersion Adhesive

#### Application

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

#### Characteristics

- 1-component system with built-in crosslinker
- Good heat and water resistance
- Good adhesion properties to thermoplastic foils
- Very smooth surface
- Fast setting

#### Technical Data

Basis	:	PUD Reactive	
Solid content	:	approx. 40%	
pH	:	approx. 7-8	
Viscosity	Brookfield	:	approx. 1,600 mPa.s
Density	:	approx. 1.05 g/cm <sup>3</sup>	
Min. film forming temperature	:	approx. 39 °C	
Reactivation temperature	:	approx. 50-80 °C	
Reactivation time after spraying	:	within 8 hours	
Application quantity	:	approx. 60-80 g/m <sup>2</sup>	

#### Instruction for Use

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

After spray application and drying, the adhesive has to be reactivated by heat and pressure with thermoforming press. Full curing is reached in 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.

#### 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.*

**March 2021, Adino GmbH.** Email: [info@adinoklebstoffe.de](mailto:info@adinoklebstoffe.de) – [www.adinoklebstoffe.de](http://www.adinoklebstoffe.de)  
Lange Wand 16 - 27753 Delmenhorst, Germany