

ADiNO[®] UF 1959.0

UF Resin

Application

- Bonding of veneer, décor paper and HPL/CPL materials to wood-based panels in hot presses
- Solid wood bonding
- Manufacturing of multi-layered formed parts in HF presses
- Production of low emission plywood boards

Characteristics

- One-shot powder glue
- Easy one-step mixing with water
- Minimized bleeding through
- Lowest formaldehyde content, comply with UBO E 0.5 according to EN 717 chamber test ; CARB P2 , TSCA TVI acc. ASTM E 1333 and D 6007 1333.
- Lower emission classes possible, depending on used substrate material.
- Meets requirements EN 314 Type

Technical Data

Basis	:	Urea formaldehyde resin
Appearance	:	powder
Colour	:	beige
Open time	:	8-10 minutes
Pressing time	at 70 °C :	4-5 minutes
	at 80 °C :	3-4 minutes
	at 100 °C :	1-2 minutes
	at 120 °C :	45-60 seconds
Setting time	:	approx. 3 days depending on climate and moisture conditions
Application amount	:	80-120 g/m ² for HPL/CPL and veneer (depending on board material) 50-70 g/m ² for decor paper
Pressure	:	> 50 N/cm ² ; 5kg/cm ²
Pot-life	at 20 °C :	> 5 hrs

Instruction for Use

Mix powder with water in a ratio of 2:1 by weight (e.g., 10kg ADiNO UF 1959.0 with 5 kg water). Depending on viscosity needed, the amount of water can vary by 5%.

The finished mixed glue can be coloured with water-based stains or mineral colours free of alkali.

Apply the mixed glue thin and even with spatula, hand-roller or with an automatic glue-spreader onto the board and lay the surface material into the wet glue within the open time. Note that the usage time on an automatic roller is approx. 2/3 of the mentioned pot-life.

Clean the application equipment with water.

We recommend treating the pressing plates and conveyers with a suitable separating agent.

Packaging / Storage

25 kg Bag / shelf-life 12 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.