

ADiNO[®] UF 1959.0

UF Resin

Application

- Bonding of veneer, décor paper and HPL/CPL materials to wood-based panels in hot presses
- Manufacturing of multi-layer flat.- and formed panels
- Solid wood bonding
- Suitable also for high frequency presses

Characteristics

- One-shot powder glue
- Easy one-step mixing with water
- Minimized bleeding through
- Low in formaldehyde, to achieve E05 according to EN 717 section 2., TSCA VI, Carb 2. Lower emission classes possible, depending on class of used substrate material.
- To achieve classification I according to EN 314-2
- Long pot-life

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	:	80-150 g/m ² for HPL/CPL and veneer (depending on board material) 50-70 g/m ² for decor paper
Pressure	:	> 0.2 N/mm ²
Pot-life	at 20 °C	: > 7 hrs

Instruction for Use

Mix the powder with water in a ratio of 2:1 by weight (e.g., 10kg ADiNO UF 1959.0 with 5 kg water) or by volume ratio of 3:1 (e.g. 3 cups of ADiNO UF 1959.0 with 1 cup of water). Depending on the required viscosity, 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.