Technical Product Information

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/m² for HPL/CPL and veneer
(depending on board material)			50-70 g/m² for decor paper
Pressure		:	> 0.2 N/mm²
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

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