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D3 PVA WHITE GLUE

1 – DESCRIPTION

Akfix D3 is a ready to use water resistant wood adhesive based on polyvinyl acetate homopolymer emulsion. It is specially formulated to conform to EN 204 (D3).

2 – PROPERTIES

- Conforms to D3 according to DIN EN 204.
- Excellent bond strength on hard, and soft woods
- Water based
- Easy application

3 - APPLICATIONS

- Suitable for gluing all types of wood, wooden materials and flat laminates,
- Wood to wood, soft- and hardboard, synthetic resin board and chipboard,
- Suitable for fixing paper, cardboard, paper or textile-backed PVC cloth to wood and board,
- May also be used to bond outdoor timber constructions such as window-frames and external doors,
- Particularly suitable for moisture-resistant bonds which have to fulfil high demands.

4 - INSTRUCTIONS

D3 Adhesive can be applied using mechanical glue spreader, brush or hand roller and air activate glue gun.

5- PACKAGING

Product	Weight	Package
D3	500 gr	12
D3	3 Kg	4
D3	10 Kg	4
D3	30 Kg	1

6- STORAGE AND SHELF LIFE

The emulsion must be stored between 5-25°C for a maximum of 12 months from production date.

7- RESTRICTIONS

Full water resistance is achieved after 7 days. The product should be thoroughly mixed before use.

Addition of water to D3 Adhesive is not recommended.
Rotate stock using oldest material first. Do not mix with other adhesives. Protect from freezing.

8- TECHNICAL PROPERTIES

Basis	: Vinyl Acetate polymer	
Appearance	: White paste	
Density	: 1.05 g/mL	
Solids %	: 54 ± 1	
Filming Time	: Min. 10 minutes	(20°C)
Viscosity	: 14400±800 cps	cps at 20°C (Spindle No 6, 20 rpm)
Moisture content in wood	: 8 - 12 %, Increase press time for higher moisture content.	
pH	: 5-6	
Glue line pressure for hard wood	: 9 - 12 kg/cm^2	
Water resistant	: Good	(D3-DIN EN204)
Consumption	: 70-130gr/m^2	

Material	**Press Heat**		
	+20 oC	+50 oC	+80 oC
Wood to wood	30 min.	8 min.	4 min.
Coating to wood	20 min.	4 min.	2 min.
Synthetic wood coatings	30 min.	6 min.	3 min.