



OSMOUK D3 EXPRESS WOOD ADHESIVE TECHNICAL DATA SHEET

1. DESCRIPTION

D3 Express Wood Adhesive 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

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

3. APPLICATIONS

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

4. INSTRUCTIONS

Shake before use. D3 Express Wood Adhesive can be applied using mechanical glue spreader, brush or hand roller and air activated glue gun. Immediately wipe off excess with a damp cloth, if necessary.

5. PACKAGING

Product	Weight	Unit Quantity
D3 Express Wood Adhesive	560g	30

6. STORAGE AND SHELF LIFE

The emulsion must be stored between 5-25°C for a maximum of 36 months from production date.

7. RESTRICTIONS

- Full water resistance is achieved after 7 days.
- Rotate stock using oldest material first.
- Do not mix with other adhesives.
- Protect from freezing and keep out of direct sunlight.
- Addition of water to D3 Express Wood Adhesive is not recommended.



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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 (Spingle No6, 20 rpm)
Moisture content in wood	8-12%, increase press time for higher moisture content.
pH	5-6
Glue line pressure for hardwood	9-12 kg/m ²
Water resistant class	D3 (DIN EN204)
Consumption	70-130g/m ²

Material	Press Heat		
	20°C	50°C	80°C
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.