

## 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.

**8. TECHNICAL PROPERTIES**

Basis	Vinyl Acetate Polymer
Appearance	White paste
Density	1.05 g/ml
Solids %	54 + 1
Drying Time	Approx. 5 Mins (Minimum Temp 10°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 <sup>2</sup>
Water resistant class	D3 (DIN EN204)
Consumption	70-130g/m <sup>2</sup>