

Total Solids (%)	48-51%
Viscosity @ 23°C Brookfield RTV 5/20	7000-12000cps
pH	2.8-3.6
High Temperature Stability (4 week @ 50°C)	Stable
Specific Gravity	1.0-1.08 (dispersion)

Product:

D3 PVA Wood Adhesive is a medium viscosity, resin based polymer emulsion which exceeds the water resistance requirements of BS EN204 D3. The product is also suitable for load bearing work as it conforms fully to the BS 14256 Sustained Load requirements.

Benefits:

- Excellent rate of bond strength development.
- High degree of water resistance. D3 Classification- joints may be subject to short term water contact or exposure to high humidity.
- Interior/exterior use.
- Low timber staining characteristics - will not stain.
- Creep Resistant.
- Dries clear - contains no inert fillers.
- Water based - environmentally friendly/easy clean up.
- Suitable for radio frequency cure.
- Suitable for hot and cold laminating applications.

Areas For Use

- As a Weatherproof/creep resistant wood adhesive, internally and externally.

Limitations

- Not suitable for continuous immersion.
- Ensure wood doesn't contain excessive moisture (<15%)
- Do not use at temperatures below 10°C.
- Note: drying time is extended at low temperatures.
- Clean excess adhesive off glue line after clamping and before adhesive dries with a damp cloth..
- Sand off any excess adhesive before staining the wood.
- Ensure sufficient clamping pressure, especially important with radio frequency bonding.
- EXTERIOR USE: All glue joints must be protected with impervious paint system when dry.

Surface Preparation

All surfaces must be clean, dry and free from grease.

Application

Apply adhesive thinly to both surfaces. Do not over apply as this will slow down cure. Clamp surfaces together until adhesive dries. (off in 1-2 hours: full strength 8 hours). Support until fully cured (8 hours at 20°C).

When fitting dowels, the adhesive should be applied to the holes.

- Suitable for radio frequency curing.

Health & Safety

- Consult MSDS for full list of hazards.

Storage

- To ensure safe storage of Maxitek D3 PVA Wood Adhesive, containers should be well sealed to prevent evaporation of water and the formation of skin on the surface. The emulsion must be stored at a temperature above freezing. A temperature of 5-25°C for not more than six months is recommended. Higher temperatures will affect quality and cause the formation of crusts and skins, especially if the containers are not tightly closed or subjected to direct sunlight for long periods.
- During storage, slight separation may occur (thin layer above thicker layer). This is an esthetic rather than technical problem. In this case, shake well before applying.
- If these conditions cannot be met, please refer to our Technical Service Department who will advise on storage stability.

Shelf Life

- 12 months from date of manufacture.

VOC Test Report

Regulation or Protocol	Conclusion	Version of Regulation or Protocol
French VOC Regulation	A+	Regulation of March & April 2011 (DEVL1101903D & DEVL1104857A)
AgBB	Pass	AgBB of February 2015. DIBt of October 2010
Indoor Air Comfort	Pass	Indoor Air Comfort 6.0 of February 2017
Indoor Air Comfort GOLD®	Pass	Indoor Air Comfort GOLD 6.0 of February 2017
Blue Angel (RAL UZ 113)	Pass	RAL UZ 113 for "Low-Emission Floor Covering Adhesives and other Installation Materials" (Version June 2011)

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