

502 ALL PURPOSE WATERPROOF WOOD ADHESIVE



Colour	Product Code	Pack Size	Box Qty
	WOODBOT125	125MI	24
	WOODBOT250	250ml	12
	WOOD05	500ml	20
	WOOD1	1Ltr	12
	WOOD5	5Ltr	4
	WOODA25	25Ltr	1

Product Description

EVERBUILD ALL PURPOSE WATERPROOF WOOD ADHESIVE is a medium viscosity, resin based polymer emulsion which exceeds the water resistance requirements of EN204 D3. The product is also suitable for load bearing work as it conforms fully to the BS4071 Creep Resistance 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.

Areas For Use

As a waterproof/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 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.
- Use on Laminates: Only suitable for bonding small porous laminate strips. Do not use on non-porous or large areas of laminate. Use CONTACT ADHESIVE.

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.

Specific Data

Total Solids (%)	40 – 48%
Viscosity @ 23°C Brookfield RTV 5/20 Poise	80 – 200
mPa.s	10000 - 20000
pH	2.5 – 3.5
Minimum Film Forming Temperature (°C)	Approx 3
High Temperature Stability (1 week @ 50°C)	Stable
Specific Gravity	1.07 (dispersion)

PRODUCT	EN204 D3/3	BS4071
Everbuild A/P Wood Adhesive	2.6 – 3.2 N/mm ²	11 days
Competitor A	2.2 – 2.4 N/mm ²	Fail
Competitor B	2.3 – 2.7 N/mm ²	7 days
Competitor C	2.0 – 2.3 N/mm ²	10 days
Specification	≥2.0 N/mm ²	≥ 7 days

Health & Safety

Consult MSDS for full list of hazards.

Storage

To ensure safe storage of ALL PURPOSE 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

Minimum of 12 months in original unopened containers.

The technical data contained herein is based on our present knowledge and experience and we cannot be held liable for any errors, inaccuracies, omissions or editorial failings that result from technological changes or research between the date of issue of this document and the date the product is acquired. Before using the product, the user should carry out any necessary tests in order to ensure that the product is suitable for the intended application. Moreover, all users should contact the seller or the manufacturer of the product for additional technical information concerning its use if they think that the information in their possession needs to be clarified in any way, whether for normal use or a specific application of our product. Our guarantee applies within the context of the statutory regulations and provisions in force, current professional standards and in accordance with the stipulations set out in our general sales conditions. The information detailed in the present technical data sheet is given by way of indication and is not exhaustive. The same applies to any information provided verbally by telephone to any prospective or existing customer.