

Technical Data Sheet

Bondloc BPVA D4 – Water Proof PVA

Revised 03.08.10



Bondloc BPVA D4 – Water Proof PVA

PRODUCT DESCRIPTION

BPVA D4 Possesses good water resistance to BSEN204 Group D4 together with fast set speeds and creep resistance to BS4071.

APPLICATION

Wood to wood in general assembly and joinery applications, hot and cold pressing. Radio frequency bonding – wood to wood.

INSTRUCTIONS FOR USE

- Ensure surfaces to be bonded are clean, dry and free from grease. Uneven parts will give longer setting times and weaker bonds.
- Apply adhesive thinly to both surfaces and assemble immediately.
- Remove excess with a damp cloth.
- May be handled carefully after 10 minutes. Clamp or apply weight pressure for 3-4 hours or use industrial press.

TECHNICAL FEATURES

Appearance	White liquid
PH	2.5 – 3.5
Total solids	46% ±
Creep resistance (BS4071)	8-11
MFFT	8-11
Temperature of substrates, environment & adhesive	15-20°C
Moisture content of wood	8-14 %
Open time	Up to 5 mins
Closed assembly time	Up to 20 mins
Viscosity (Brookfield) SP6 23°C @20 rpm	115 ± 1
Pressure	Between 30-100 psi
Press time at 20°C	Minimum of 15-25 minutes

STORAGE

Keep covered to prevent contamination and drying out, do not mix with other adhesives. Protect from frost and store above 7°C, shelf life: for best results use within 6 months from day of delivery.

HEALTH & SAFETY

This technical information sheet does not constitute a Material Safety Data Sheet (MSDS). Before using this product ensure you have read and fully understood BPVA D4 MSDS.

PRESENTATION

Bottles.....500ml, 1L, 5L, 10L, 25L

PRECAUTIONS: This product and the auxiliary materials normally combined with it are capable of producing adverse health effects ranging from minor skin irritation to serious systemic effects. None of these materials should be used, stored, or transported until the handling precautions and recommendations as stated in the Material Safety Data Sheets (MSDS) for this and all other products being used are understood by all persons who will work with the product. Warranty: All products purchased from or supplied by Bondloc are subject to terms and conditions set out in the contract. Bondloc warrants only that its product will meet those specifications designated as such herein or in other publications. All other information supplied by Bondloc is considered accurate but are furnished upon the express condition the customer shall make its own assessment to determine the product's suitability for a particular purpose. Bondloc makes no other warranty, either express or implied, including those regarding such other information, the data upon which the same is based, or the results to be obtained from the use thereof; that any product shall be merchantable or fit for any particular purpose; or that the use of such other information or product will not infringe any patent.