

# bond it

Never compromise on quality!



# DUO "2 IN 1" WOOD GLUE

## Water Resistant D3 Wood Adhesive



### GLUES & ADHESIVES RANGE

#### Description:

*A ready to use, PVA timber adhesive which is suitable for use in damp and humid conditions. Meets the requirements of BS 4701 Creep Resistance standard and EN 204 D3.*

#### Uses

DUO "2 IN 1" WOOD GLUE can be used as a general purpose, joinery adhesive, or for applications where long term resistance to moisture is a pre-requisite of the adhesive. Suitable for hard and soft woods, decorative laminates, chipboard blockwood and other engineered timber panels. It is also suitable for use with RF bonding machinery. Not suitable for permanent immersion in water.

#### Preparation

Surfaces to be bonded must be clean, dry and free from dust, grease or contaminants that may hinder adhesion.

#### Application

Apply the adhesive to one surface only and bring the two surfaces together within 3-4 minutes and clamp for approximately 1 hour. After 1 hour careful handling is permissible. Glued components should be left overnight before machining. Remove excess adhesive whilst wet using a damp cloth.

When using RF bonding techniques the user must explore the most efficient combination of glue application, power and dwell time as each of these varies with different machinery and constructions.

#### Limitations

Do not use on surfaces below 5°C except with RF heating or on timber with a moisture content of above 12%. Timber which in use will be permanently wet and stressed should be glued with a thermosetting adhesive.

#### Container Size

Available in 8 sizes, see reverse.

#### Colour

White in colour.

#### Coverage

Surface bonding 70-150g/m<sup>2</sup> (1L will cover 6m<sup>2</sup>-14m<sup>2</sup>).  
Assembly bonding 150-190g/m<sup>2</sup> (1L will cover 5m<sup>2</sup>-6m<sup>2</sup>).

#### Shelf Life

12 months from date of manufacture, when stored in original, unopened containers.

#### Storage Conditions

Store in cool, dry conditions between a temperature of 5°C and 35°C. Protect from frost and direct sunlight.

#### Disposal of Containers

Do not leave empty containers where residue could be harmful to children, animals or the environment. Replace lids and remove any containers to a central disposal point in accordance with local regulations.

Any spilt material should be mopped up immediately with an inert absorbent material, such as sand.

#### Health & Safety

Please refer to separate material safety data sheet for full handling, use and storage instructions. Keep out of reach of children. It is the users responsibility to determine suitability for use. If in doubt contact our Technical Department for advice.

**Note: this information is for general guidance only, since site conditions and labour are beyond our control. It is recommended that users make their own tests to determine suitability.**

## Specification Summary

Chemical Composition	Aqueous Polyvinyl Acetate Dispersion
Total Solids	50 +/- 1%
Particle Size Range	0.1-2 microns
Specific Gravity @ 25°C	1.10
Appearance	White liquid
Solubility in Water	Miscible
pH	2.8-3.6
Viscosity @ 25°C Brookfield RVT spindle 6 20 rpm	9,000 - 15,000 mPas
Minimum Film Forming Temperature	4°C
Shear Strength (wood to wood)	10N/mm <sup>2</sup>
Full Strength	Obtained 24-48 hours after bonding



## Product Details:

<b>Code:</b>	BDA050	BDA051	BDA052	BDA053	BDA054
<b>Size:</b>	125ml	250ml	500ml	1L	2.5L
<b>Barcode:</b>	5060021364371	5060021364388	5060021364395	5060021364401	5060021364418

<b>Code:</b>	BDA055	BDA056	BDA057
<b>Size:</b>	5L	25L	200L
<b>Barcode:</b>	5060021364425	5060021364432	5060021364685



Part of the Bond It Glues & Adhesives Range

*The data presented in this leaflet are in accordance with the present state of our knowledge, but do not absolve the user from carefully checking all supplies immediately on receipt. We reserve the right to alter product constants within the scope of technical progress or new developments. The recommendations made in this leaflet should be checked by preliminary trials because of conditions during processing over which we have no control, especially where other companies raw materials are also being used. The recommendations do not absolve the user from the obligation of investigating the possibility of infringement of third parties rights and, if necessary clarifying the position.*

*Recommendations for use do not constitute a warranty, either expressed or implied, of the fitness or suitability of the products for a particular purpose.*



Certificate Number:  
6152  
ISO 9001; ISO 14001;  
ISO 45001



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