

# bond it

Never compromise on quality!



# PU30 RAPID WOOD ADHESIVE

## 30 Minute Polyurethane Wood Adhesive



### GLUES & ADHESIVES RANGE

#### Description:

*A one part, solvent-free, quick setting, moisture curing polyurethane adhesive specially formulated for water-resistant bonding and fast setting. D4 water resistance classification to EN204 and EN205.*

#### Uses

Bond It **PU30 RAPID WOOD ADHESIVE** can be used in joinery and carpentry, for bonding garden furniture, staircases, boats, wooden constructions, sandwich panels and insulation materials. It has excellent adhesion to wood, chipboard, laminate, metals, polyurethane, expanded and extruded polystyrene foams, mineral wool, concrete, stone, bricks, gypsum boards and all traditional porous substrates.

The adhesive film has very good flexibility and can resist water and frost.

#### Preparation

Ensure all surfaces are clean, dry and free from grease, oil or any other contaminants that may hinder adhesion.

#### Application

**WEAR PROTECTIVE GLOVES.** Remove lid and cut the tip off the nozzle to an angle of 45°.

Apply the adhesive onto one of the substrates, or to both if the materials are porous. Assemble the parts immediately and clamp for at least 3 hours to achieve maximum bond strength.

With the addition of water to one of the surfaces, the adhesive will slightly expand, filling any irregularities in the substrate.

#### Setting Time

Bond It **PU30 RAPID WOOD ADHESIVE** has an open time of approximately 15 minutes. Setting time will be achieved after 3 hours with final bond strength after 24 hours.

#### Coverage

120-150g per m<sup>2</sup> depending on substrates.

#### Container Size

750g squeeze bottle.

#### Colour

Brown liquid.

#### Shelf Life

12 months from date of manufacture when stored in sealed, original bottles.

#### Storage Conditions

Store in cool, dry and well ventilated conditions between 5-25°C.

#### Disposal of Containers

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

#### 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.***

#### HANDLING INSTRUCTIONS:

**WEAR GLOVES/ SKIN COVERING AT ALL TIMES.** However, if your skin comes into contact with PU30 follow these instructions. Please note in some cases skin turns black. If in any doubt contact a medical professional, show the packaging and/or the MSDS available for download from [www.bonditgroup.com](http://www.bonditgroup.com).

1. Wipe adhesive off with a dry cloth or paper towel. If you just touched the glue, and it hasn't yet begun to dry, you should be able to remove it this way.
2. Wash your hands with soap and cold water. If the adhesive hasn't started hardening, you have a chance of washing it off. The window for this is small so act quickly.
3. Exfoliate. Use a pumice stone or other gritty textured material (eg. soap with sand in it) to rub at the glue until it comes off. Do this slowly and patiently. Exfoliating too vigorously can damage or burn your skin. Alternate between exfoliating and rubbing the area with your own hand to reduce friction. The glue should begin to ball up and come off.
4. Avoid acetone (nail varnish remover). Acetone will make the

glue stick to your skin as it removes your natural oils. Only consider acetone if two body parts are stuck together in such a way that exfoliating is not possible. If this is the case, soak the areas in pure acetone until the glue dissolves enough to pull the skin apart. Forcing this process can tear open the skin, so be patient and work the skin apart slowly.

5. Use a cotton ball dipped in olive oil or vegetable oil to rub off the last remaining bits. This allows you to scrub a little harder without tearing your skin open with the exfoliate. The oil will also act as a moisturiser to your skin.

6. Wash your hands thoroughly. Once you have removed all the glue, it is important to wash your hands thoroughly with soap and water to remove any remaining chemical residue.

7. Moisturise. PU5 glue will dry out your skin, coupled with vigorous exfoliation and hand washing, the natural oils in your skin will likely be stripped causing mild irritations. Use a good hand lotion to soothe the area.

## Specification Summary

Open Time @ 20°C	15 minutes
Pressing Time @ 20°C	3 hours
Full Cure @ 20°C	Approx 24 hours
Density	1.13±0.04 g/cm <sup>33</sup>
Application Temperature Limits	+5 to 35°C
Temperature Resistance	-30 to + 100°C
UFI	6590-G0HY-M00W-UDMX

## Product Details:

<b>Colour:</b>	Brown
<b>Code:</b>	BDAPU375
<b>Size:</b>	750g
<b>Barcode:</b>	5060021369338



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;  
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