



PU30 RAPID WOOD ADHESIVE

30 Minute Polyurethane Wood Adhesive

Technical Data Sheet



GLUES & ADHESIVES RANGE

CLASS
EN204:D4

Description:

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

Features & Benefits:

- ◆ Sets in 30 minutes.
- ◆ Full strength in 3 hours.
- ◆ D4 water resistance (including sea water).
- ◆ Solvent-free.
- ◆ Suitable for use on solid walls, metal and timber studding.
- ◆ No nails or screws. No filling over or popping out.
- ◆ Easy application - no mixing or mess.

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.

Cleaning

Cured adhesive can only be removed mechanically. Excess foam can be removed whilst still wet using Bond It FOAM CLEANER or MULTI-WIPES.

Coverage

120-150g per m² depending on substrates.

Size

750g squeeze bottle.

Colour

Brown liquid.

Shelf Life

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

Storage Conditions

Store in cool, dry and well ventilated conditions between +5 and +25°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. Remove any containers to a central disposal point in accordance with local regulations.

Health & Safety

Please refer to separate safety data sheet (SDS) for full handling, use and storage instructions. Keep out of reach of children. It is the user's 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.



Specification Summary

Open Time @ +20°C	15 minutes
Pressing Time @ +20°C	3 hours
Full Cure @ +20°C	Approx 24 hours
Application Temperature Limits	+5°C to 35°C
Temperature Resistance	-40°C to + 90°C
Density	1.15 ±0.04g/cm ³
Commodity Code	3506100000



As from 24 August 2023 adequate training is required before industrial or professional use.

Product / Order Details

Code	Colour	Fill	Barcode	UFI
BDAPU375	Brown	750g	5060021369338	6590-G0HY-M00W-UDMX



Part of the Bond It Glues & Adhesives Range

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Note: The data presented in this leaflet is in accordance with the present state of our knowledge, but does 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.



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