



# THE BEAST PU ADHESIVE

## Quick Set Polyurethane D4 Adhesive

### Technical Data Sheet



### GLUE MONSTER ADHESIVES RANGE

CLASS  
EN204 D4

#### Description:

*A one part, solvent-free, quick setting, moisture curing polyurethane adhesive specially formulated for bonding a wide range of material to create a strong and waterproof glue.*

#### Features & Benefits:

- ◆ Solvent-free.
- ◆ Excellent bonding properties.
- ◆ Rapid cure - open time 20 minutes.
- ◆ Interior and exterior use.
- ◆ Bonds ceramics, metal, stone, wood, glass, most plastics and much more.
- ◆ Good flexibility.
- ◆ Resists water and frost.
- ◆ Can be painted or stained once cured.
- ◆ 100% water proof - D4 rated to EN204.

#### Uses

Bond It BEAST is a one part moisture curing polyurethane solution, specially formulated for bonding a wide range of materials to create a strong and water proof glue. Excellent bonding properties make it suitable for use on all common household and building materials. Ideal for use on wood, chipboard, laminate, metal, glass, concrete, stone, plaster, ceramic, leather and most plastics. Suitable applications include: garden furniture, staircases, boats, sandwich panels, insulation materials, stair nosings and carpet gripper. The adhesive has good flexibility and can resist water and frost. It can also be painted or stained once cured.

#### Limitations

Do not use on polythene, polypropylene, bitumen or asphalt. If unsure always test an inconspicuous area before full application.

#### Preparation

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

#### Application

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

WEAR PROTECTIVE GLOVES. Cut the tip of the applicator nozzle to the required width. Apply adhesive sparingly to one of the surfaces to be bonded (or both surfaces if they are both porous). For better contact spread the glue with a disposable brush, assemble parts immediately and clamp for at least 1 hour to achieve the maximum bond strength. The addition of water to one surface will speed up the cure, apply with either a damp cloth or a light spray. The adhesive will expand slightly as it cures filling any irregularities in the substrate. Clamping or gripping is recommended to achieve maximum bond strength. For lighter

objects, try holding the joint together with rubber bands.

#### Setting Time

Has an open time of approximately 10 minutes. Setting time will be achieved in 1-2 hours with full bond strength after 24 hours.

#### Cleaning

Clean away any excess adhesive with a dry cloth or with paint thinners. Once the glue is dried it is best removed mechanically.

#### Coverage

120-250ml per m<sup>2</sup> depending on porosity of substrates.

#### Size

150, 250 and 500ml squeeze bottles.

#### Colour

Brown liquid.

#### Shelf Life

Minimum 9 months from date of manufacture when stored in original, unopened bottles.

#### Storage Conditions

Store in cool, dry and well ventilated conditions between +5°C and +25°C. Once seal has been broken take care to reseal tightly after each application. For larger sizes, squeeze excess air out of the bottle before tightening the lid. This helps eliminate moisture in the bottle which promotes curing. Wipe any excess material off the nozzle. Once opened this product will start to harden. Any glue that is still in liquid form is perfectly usable and reliable. If the dry layer is very thin, use a pointed tool to poke through it carefully pull the dry film through the cap and dispose of. Protect from frost and keep out of 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 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	Approx. 10 mins
Clamping Time @ +20°C	1-2 hours
Full Cure @ +20°C	Approx. 24 hours
Application Temperature Limits	+5°C to +25°C
Temperature Resistance	-30°C to +150°C
Viscosity	4000cPs
Density	1.12g/cm <sup>3</sup>
Commodity Code	350610000



## Product / Order Details

Code	Colour	Fill	Barcode	UFI
BDAPU150	Brown	150ml	5056437400673	GUJ0-F0D5-P00V-E437
BDAPU250	Brown	250ml	5056437400666	GUJ0-F0D5-P00V-E437
BDAPU500	Brown	500ml	5056437400659	GUJ0-F0D5-P00V-E437



## 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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