

bond it

Never compromise on quality!



THE BEAST

PU ADHESIVE

Quick Set Polyurethane D4 Adhesive



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.

Benefits:

- ◆ *Excellent bonding properties.*
- ◆ *Rapid cure - open time 20 minutes.*
- ◆ *Bonds ceramics, metal, stone, wood, glass, most plastics and much more.*
- ◆ *100% water proof - D4 rated to EN204.*

Uses

Bond It **BEAST** is a solvent-free, quick setting, brown liquid adhesive. A one part moisture curing polyurethane solution, specially formulated for bonding a wide range of materials to create a strong and water proof glue. Can be used for interior and exterior applications. 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.

Preparation

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

Application

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

Limitations

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

Setting Time

Has an open time of approximately 15-20 minutes. Setting time will be achieved in 1-2 hours with a final bond strength after 24 hours.

Coverage

120-250ml per m² depending on porosity of substrates.

Sizes

150, 250 and 500ml squeeze bottles.

Colour

Brown in colour.

Shelf Life

9 months from date of manufacture in sealed, original packaging when stored between 5 and 25°C.

Storage Conditions

Store in cool, dry and well ventilated conditions. 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.

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.

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 BEAST ADHESIVE 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.

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. BEAST ADHESIVE 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	Approx. 20 mins
Clamping Time @ 20°C	1 hour
Full Cure @ 20°C	Approx. 24 hours
Density	ca. 1.1g/cm ³
Application Temperature Limits	+5 to 25°C
Temperature Resistance	-30 to +100°C
UFI	

Product Details:

Colour:	Brown	Brown	Brown
Code:	BDAPU150	BDAPU250	BDAPU500
Size:	150ml	250ml	500ml
Barcode:	5056437400673	5056437400666	5056437400659



Part of the Bond It Glue Monster 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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