



BOND TITE FAST & CLEAR

2 Part Epoxy Adhesive System



ADHESIVES RANGE

Description:

A fast setting two-part epoxy adhesive system, with high transparency joints.

Features & Benefits:

- ♦ **High transparency bond line**
- ♦ **Fast setting: 5-minute working time, regardless of temperature**
- ♦ **Resistant to mild alkalis and acids, water, and most common solvents**
- ♦ **Non-shrinking**
- ♦ **Can be tinted for colour matching.**

Uses

Bondtite Fast & Clear can be used as an adhesive for a wide range of materials or as a versatile filler for gap bonding, surface repairs and to bond various substrates like metal, ceramic, wood, chrome, concrete, marble, glass, fiberglass, tiles etc.

Limitations

- Not suitable for plastics such as polyethylene, polypropylene, PTFE and silicone rubber.
- Not suitable for applications requiring short-term heat exposure >150 °C.
- Not suitable for areas subject to constant water immersion.

Preparation

All surfaces to be bonded must be clean, dry and free from dust, grease or contaminants that may hinder adhesion. Very smooth surfaces should be abraded to provide an adequate key. Wash glass and ceramic surfaces with soap and water then rinse and let dry.

Application

Pre-fit parts to be joined. Squeeze an equal volume of material from both Part-A & Part-B tubes. Mix resin and hardener for one minute thoroughly and then apply as per requirements. For best results apply a small amount of mixed adhesive to both surfaces within one to two minutes of mixing and press together. Placing parts together close to the 5-minute set time will reduce adhesion as the product will have begun to cure. Remove any excess glue immediately with acetone. Support bond for 20 minutes at room temperature. Usable strength achieved in 1 hour. Fully cured in 24 hours.



Cleaning Of Tools

Excess material can be removed by using acetone. Cured material must be removed mechanically.

Colour

Part A - Milky white / colourless; Part B – Pale yellow / colourless.

Size

2 x 15ml metal tubes.

Shelf Life

Minimum 2 years from date of manufacture when stored in original, unopened tubes.

Storage Conditions

Containers must be kept sealed and stored under cover, away from sources of heat and ignition. Keep out of direct sunlight at a temperature of between +2 to +40°C. Protect from frost.

Disposal of Containers

Do not leave empty tubes 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 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

Viscosity @+25°C (ASTM D 2196-5)	Part A: 60000 – 80000 Cps / Part B: 15000 – 25000 Cps
Pot Life at +25°C	3-6 min
Working Temperature	-20°C to +90°C
Shore D Hardness (ASTM D 2240)	80-85
Lap Shear Strength (ASTM D-1002-10)	15-30 kg/cm²
Commodity Code	3506100000

Product / Order Details

Code	Colour	Fill	Barcode	UFI
BDEAFC	Clear	2x15ml	5056437402400	91V0-A03N-900J-SQWP (Part A); E4V0-T0T1-M002-E2GR (Part B)

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.



Part of the Bond It Adhesives Range

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