

MITRE KIT

High Viscosity Gap-Filling Adhesive and Accelerator Twin Pack

Technical Data Sheet



GLUE MONSTER ADHESIVES RANGE

Description:

A high viscosity ethyl cyanoacrylate adhesive with gap filling properties coupled with an accelerator that overcomes the adverse effects of acidic surfaces such as oak timber and MDF.

Features & Benefits:

- ♦ *Easy to use, no mess.*
- ♦ *Instant bonding.*
- ♦ *Speeds strength development to permit immediate use of the part.*
- ♦ *High bonding power.*
- ♦ *Non-drip formula, suitable for vertical applications.*
- ♦ *Suitable for difficult substrates with porous or uneven nature.*

Uses

Used in conjunction an almost instant bond is attained. Ideal for fine joints such as mitres where a close aesthetically pleasing joint is required. Can be used for bonding:

- MDF chipboard.
- Oak.
- Pine.
- All common timbers.
- PVCu.
- Rubber.
- Leather.
- Most plastics.

Limitations

Not suitable for permanent glass bonding. Oily or greasy surfaces cannot be bonded. Olefinic or fluoro polymers may require specialised bonding techniques. Avoid exposure to strong light and heat sources.

Preparation

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

Application

Spray aerosol lightly over one face of the joint and allow to dry. If possible, use on the least visible face of the completed joint. Apply adhesive to the other face and bring together immediately. Apply gentle pressure. IMPORTANT: Can be used on uPVC but over application of the accelerator can result in staining. This stain may not become visible for several hours after application. Apply to a test sample to check application level to avoid any staining on final job.

Bonding Times

The speed of cure varies according to the substrate to be bonded. Timber and metals will have a longer cure time than plastics and rubbers. Best results are achieved on close fitting parts with a very thin bond line. Excessive bond gaps will result in slower cure speeds.

Cleaning

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

Size

200ml aerosol tin and 50g plastic bottle.

Colour

Clear.

Shelf Life

Minimum 12 months from date of manufacture when stored in original, unopened packs.

Storage Conditions

Store in a closed upright container between +5 and +25°C in dry dark conditions. At low temperatures the shelf life will be prolonged. 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. Do not pierce canister.

Health & Safety

Cyanoacrylate. Danger. Bonds skin and eyes in seconds. Extremely flammable aerosol. 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

Appearance	Colourless liquid of medium viscosity
Chemical Composition	Ethyl Cyanoacrylate (Adhesive)
Flash Point	>+81°C (Adhesive); <-40°C (Activator)
Flammability	Aerosol extremely flammable
Boiling Point	>+149°C
Solubility in Water	Polymerises
Drying Time	10 seconds
Grab	Very high initial grab
Viscosity (Adhesive)	1400-1700 mPa.s
Density (Adhesive)	1.06g/cm ³

CURED ADHESIVE

Gap Filling	Up to 0.25mm
Tensile Strength (ASTM D2095)	20 MPa
Tensile Shear Strength (ASTM D1002)	14.0 MPa
Service Temperature Range	-60 to +80°C
Commodity Code	3506990000



Product / Order Details

Code	Colour	Size	Barcode	UFI
BDMI	Clear	50G + 200ml	5060021361134	4U80-F0SD-D00W-6XDT Adhesive TW80-Y0FS-Q00E-U8YX Activator



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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