



MITRE KIT

High Viscosity Gap-Filling Adhesive

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.

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

Uses

Bond It **MITRE KIT** can be used for bonding

- ◆ MDF Chipboard
- ◆ Oak
- ◆ Pine
- ◆ All common timbers.
- ◆ PVCu
- ◆ Rubber

Preparation

Surfaces to be bonded must be clean, dry and free from dust, grease or 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.

Limitations

Not suitable for permanent glass bonding.
Oily or greasy surfaces cannot be bonded.

Olefinic or fluoro polymers may require specialised bonding techniques.

Storage Conditions

Store in a closed upright container between 3 and 20°C in dry dark conditions. At low temperatures the shelf life will be prolonged. Keep out of direct sunlight.

Shelf Life

Minimum shelf life 12 months.

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

Cyanoacrylate

Danger

Bonds skin and eyes in seconds

Keep out of reach of children. Causes skin irritation. Causes serious eye irritation. Avoid breathing dust/fumes/gas/mist/vapours/spray. Use only outdoors or in a well ventilated area. Wear protective gloves/protective clothing/ eye protection/ face protection. **IF INHALED:** Remove victim to fresh air and keep at rest in a position comfortable for breathing. **IF IN EYES:** Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Call a POISON CENTRE or doctor if you feel unwell.

See separate material safety data sheet for full handling, use and storage.

Specification Summary

Chemical Composition	Ethyl Cyanoacrylate
Flash Point	>85°C
Flammability	Capable of combustion
Boiling Point	>150°C
Solubility in Water	Polymerises
Drying Time	10 seconds
Grab	Very high initial grab
Appearance	Colourless liquid of medium viscosity
Viscosity	1400-1700 mPa.s
Specific Gravity	1.06
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

Container Sizes:

Code:	BDMI	BDMI100
Size:	20g & 200ml	20g + 100ml
Barcodes:	5060021361134	5060021372406

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



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