

Mitre Kit Information Sheet



Areas of Use

SkilledBuild Mitre Kit can be used for bonding:

- MDF chipboard
- Oak
- Pine
- All common timbers
- PVCu
- Rubber

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.

When both are used together an almost instant bond is attained. It is ideal for joints such as mitres where a close aesthetically pleasing joint is required.

Directions for use:

Preparation:

- Surface 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: Over application of the accelerator can result in staining on some materials. This stain may not become visible for several hours after application. Apply to a test sample to check application level to avoid staining on final job.

Bonding Times:

- Ambient conditions – room temperature 20°C/60°C relative humidity:
 - Plastics 5-10 seconds
 - Rubbers 1-3 seconds
 - Timber 5019 seconds

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Product Data

Packaging: 20g and 200ml

Shelf Life: Minimum shelf life 12 months.

Storage: 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.

Important Information

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All information provided is based on practical tests & published data and is intended to guide a competent DIY user or contractor in the typical use of products for minor works but is without guarantee. If a failure of the works will be costly to repair or hazardous then design & execution must be undertaken by competent persons. Further advice should be sought from a suitably qualified advisor. Skilled Build may be able to answer simple product enquiries.

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Disposal:

- 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.

Limitations:

- Not suitable for permanent glass bonding.
- Oily or greasy surfaces cannot be bonded.
- Olefinic or fluoro polymers may require specialised bonding techniques.

Health and Safety:

- Flammable.
- Avoid eye contact. Will bond skin and eyes in seconds. In the event of contact wash with running water for 15 minutes and seek medical attention.
- Ensure good ventilation.
- Avoid contact with skin. Wear gloves. Drench with water, do not touch anything. Do not try to prise apart. It is probable that natural skin oils will cause the bond to fail. If glued skin sticks seek medical advice.
- Thoroughly wash hands with soap and water or a proprietary hand cleaner after use.
- Keep out of reach of children.
- See separate material safety data sheet for more in depth information.



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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
<u>CURED ADHESIVE</u>	
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