

EVERBUILD MITRE FAST – ADHESIVE AND ACTIVATOR

DESCRIPTION

EVERBUILD MITRE FAST is a two pack system comprising an extremely high viscosity ethyl cyanoacrylate adhesive (50g) a 200ml aerosol activator. Used primarily for instant bonding (10 seconds) of wooden mitre joints, with numerous other uses.

Activator aerosol and adhesive are also sold as separate stock items

BENEFITS

- Flash setting formulation - bonds most surfaces within 10 seconds, cutting down dramatically mitre assembly bonding times when compared to conventional wood adhesives.
- High viscosity adhesive – low soak in to give greater bond strength than conventional cyanoacrylates on porous surfaces (eg wood)
- Gap filling – high viscosity adhesive will fill small gaps in mitres etc (up to 0.2mm)
- Economical in use.

AREAS FOR USE

- Multitude of industrial applications: Bonds MDF, wood, chipboard, rubber, plastics, Perspex, uPVC ceramics, aluminium and metals.
- Ideal for all cornice and profile mitres, trims, picture frames, MDF, skirting and architrave joints, worktop end strips, PVCu trims and much more. It is particularly useful for production lines such as electronics assembly and uPVC window trim bonding.

LIMITATIONS

- Ensure surfaces are degreased prior to bonding.
- Do not use on glass
- Do not use in applications involving constant water immersion.
- Do not use on bitumen or tar leaching products.
- Do not use on load bearing applications – Use EVERBUILD ALL PURPOSE WOOD ADHESIVE.
- On wooden/porous surfaces, do not use any other cyanoacrylate except MITRE FAST ADHESIVE. These products are thinner and the soak in will give poor bond strength.

SURFACE PREPARATION

The surfaces to be glued should be clean, dry and free from dust, grease and other contaminants. Materials should be stored in a warm environment prior to bonding to avoid chilling of the glue line, which leads to extended setting times. Where possible, ensure working environment has a relative humidity of 50% +.

APPLICATION

- Spray one surface with activator.
- Apply adhesive sparingly to other surface
- Bring together, position and hold for about 10 seconds.

SPECIFIC DATA

MITRE FAST ADHESIVE

COLOUR	Clear
BASE	Monomeric Ethyl cyanoacrylate
SOLIDS	100% active
VISCOACITY	1,100mPas @ 20°C.
THERM. COND	0.2w/k.m -
SPECIFIC GRAVITY	1.07
FLASH POINT	> 83°C
SHELF LIFE	12 months below 25°C in original containers
GAP FILLING CAP.	Up to 0.2mm
REFRACTIVE INDEX	1.45 (Cured adhesive)
DIELECTRIC STR	11-13kV/mm
DIELECTRIC CONST.	5.2 @ 1MHZ (cured adhesive)
SOFTENING POINT	165°C
WORKING TEMPS	-20 to +80`c

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CHEMICAL BASE	Hydrocarbon solvent
APPEARANCE;	Colourless
VISCOCITY:	1mps at 20°C
FLASH PNT	0°C
DENSITY:	0.79g/cm ³
PROPELLANT:	CO ₂

STORAGE

Store in original unopened containers between 4 and 25°C. Reseal immediately once used.
Protect activator from sources of ignition.

SHELF LIFE

Six to Twelve months from date of manufacture in original unopened containers, depending on temperature of storage. As low temperature as possible will give maximum shelf life.

HEALTH AND SAFETY

MITRE FAST ADHESIVE

Consult MSDS for this product before use.

When continuously used, local fume extraction is recommended.

Contains cyanoacrylate ester. Use in a well ventilated environment.

In the event of inadvertent skin bonding, separate bonded skin tissue carefully by peeling apart gently with a blunt instrument, preferably after soaking in warm water.

Keep out of reach of children.

MITRE FAST ACTIVATOR

Highly flammable. Keep in a well-ventilated place. Keep away from sources of ignition-no smoking.

Do not breath vapour. Do not empty into drains. Take precautionary measures against static discharges.