



## Product Model

### Mitre Fast

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.

Product Code	Colour	Pack Size	Box Qty
MITRE1	Clear	STD	6
MITRE2	Clear	Large	6
MITREADH1	Clear	100GRM	10
MITREADH5	Clear	50GRM	10
ACTIV2	Clear	200ML	12
ACTIV4	Clear	400ML	12

Technical data supplied by the manufacturer



#### 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% +.

#### Solutions, Service and Supplies to the Trade

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## Application

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

## Health & Safety

Consult MSDS for full list of hazards.

## Storage

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

## Shelf Life

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.

### Specific Data – Mitre Fast Adhesive

<b>Base</b>	Monomeric Ethyl cyanoacrylate
<b>Solids</b>	100% active
<b>Viscosity</b>	1,100mPas @ 20°C.
<b>Therm. Cond.</b>	0.2w/k.m
<b>Specific Gravity</b>	1.07
<b>Flash Point</b>	> 83°C
<b>Gap Filling Cap.</b>	Up to 0.2mm
<b>Refractive Index</b>	1.45 (Cured adhesive)
<b>Dielectric STR</b>	11-13kV/mm
<b>Dielectric Const.</b>	5.2 @ 1MHZ (cured adhesive)
<b>Softening Point</b>	165°C
<b>Working Temps</b>	-20 to +80°C

### Specific Data – Mitre Fast Activator

<b>Chemical Base</b>	Hydrocarbon solvent
<b>Appearance</b>	Colourless
<b>Viscosity</b>	1mps @ 20°C.
<b>Flash Point</b>	0°C
<b>Density</b>	0.79g/cm <sup>3</sup>
<b>Propellant</b>	CO <sub>2</sub>

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