PRODUCT DATA SHEET

EVERBUILD® MITRE FAST®

TWO PART INSTANT ADHESIVE SYSTEM

PRODUCT DESCRIPTION

Mitre Fast Bonding Kit is a two-part instant adhesive system comprising a cyanoacrylate adhesive and aerosol activator. Mitre Fast is mainly used in the furniture, timber, kitchen and plastics industries where its instant bonding properties dramatically reduce assembly times for mitre joints when compared to conventional wood adhesives. Also suitable for bonding of MDF, rubber, PVCu, metals etc.

USES

- 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.

CHARACTERISTICS / ADVANTAGES

- 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.

Mitre Fast Activator
Chemical Base: Hydrocarbon solvent
Appearance: Colourless
Mitre Fast Adhesive
Solids: 100 %
Thermal conductivity: 0.2 w/k.m
Gap filling: up to 0.2 mm
Refractive index: 1.45 (cured)
Dielectric strength: 11-13 kV/mm
Dielectric constant: 5.2 @ 1MHz (cured)
Softening point: 165 ºC

PRODUCT INFORMATION

Chemical Base	Cyanoacrylate
Packaging	Standard Kit. Large Kit
Colour	Clear
Shelf Life	12 months from date of manufacture in original unopened containers, depending on temperature of storage. As low temperature as possible will give maximum shelf life.
Storage Conditions	Store in original unopened containers between 4°C and 25°C. Reseal immediately once used. Protect activator from sources of ignition.
Density	Adhesive - 1.07 g/cm^3 Activator - 0.79 g/cm^3

Viscosity	Adhesive - 1,100 mPas @ 20°C. Activator - 1 mPas @ 20°C.

APPLICATION INSTRUCTIONS

SUBSTRATE 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 METHOD / TOOLS

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

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
- On wooden/porous surfaces, do not use any other cyanoacrylate except MITRE FAST ADHESIVE. Other products are thinner and the soak in will give poor bond strength.

VALUE BASE

All technical data stated in this Data Sheet are based on laboratory tests. Actual measured data may vary due to circumstances beyond our control.

LOCAL RESTRICTIONS

Note that as a result of specific local regulations the declared data and recommended uses for this product may vary from country to country. Consult the local Product Data Sheet for the exact product data and uses.

ECOLOGY, HEALTH AND SAFETY

Consult MSDS for full list of hazards.

LEGAL NOTES

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EVERBUILD BUILDING PRODUCTS LTD
Site 41, Knowsthorpe Way
Cross Green Industrial Estate
Leeds, LS9 0SW
Tel: 0113 240 3456
Web: www.everbuild.co.uk
Twitter: @everbuild

SIKA LIMITED
Watchmead
Welwyn Garden City
Hertfordshire, AL7 1BQ
Tel: 01707 394444
Web: www.sika.co.uk
Twitter: @SikaLimited

SIKA IRELAND LIMITED
Ballymun Industrial Estate
Ballymun
Dublin 11, Ireland
Tel: +353 1 862 0709
Web: www.sika.ie
Twitter: @SikaIreland