

PRODUCT DATA SHEET

Sika® Mitre Fast®

Two component instant adhesive system for mitre bonds and more

PRODUCT DESCRIPTION

Mitre Fast® 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 other materials stated below.

USES

PROFESSIONAL USE ONLY

Suitable for use with:

- MDF
- Wood
- Chip Wood
- Rubber
- Most Plastics
- Leather

Applications include:

- Cornice and profile mitres
- Trims
- Picture frames
- Skirting joints
- Architrave joints
- Worktop end strips

CHARACTERISTICS / ADVANTAGES

- Bonds to most surfaces within 10 seconds.
- High bond strength.
- High viscosity adhesive to reduce absorption compared to conventional cyanoacrylates on porous substrates.
- Suitable for vertical surfaces - will not drip or slump.
- Suitable for porous or uneven surfaces.

PRODUCT INFORMATION

Chemical Base	Adhesive: Ethyl Cyanoacrylate Activator: Acetone
Packaging	Standard Kit: 200 mL Aerosol Activator + 50 g Adhesive bottle Large Kit: 400 mL Aerosol Activator + 100 g Adhesive bottle
Appearance / Colour	Adhesive: Colourless liquid gel Activator: Colourless aerosol
Shelf Life	12 months in unopened packaging and stored according to the manufacturers instructions.

Storage Conditions	Store in cool, dry conditions at temperatures between +5 °C and +25 °C.
Density	1.06 ± 0.01 g/cm ³ , ASTM D1875 (adhesive)
Viscosity	Adhesive: 1200 - 1800 cP at +25 °C, ASTM D1875 (adhesive)
Thermal Resistance	-20 °C to +70 °C
Ambient Air Temperature	+5 °C to +35 °C

VALUE BASE

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

LIMITATIONS

- FOR PROFESSIONAL USE ONLY
- Ensure surfaces are degreased prior to bonding.
- Do not use on glass.
- Do not use on bitumen or tar leaching products.
- Do not use on load bearing applications.
- Do not use in applications involving constant water immersion.
- Adhesive will become hard in bottle if not closed properly.
- Do not drip onto skin or into eyes.

ECOLOGY, HEALTH AND SAFETY

User must read the most recent corresponding Safety Data Sheets (SDS) before using any products. The SDS provides information and advice on the safe handling, storage and disposal of chemical products and contains physical, ecological, toxicological and other safety-related data.

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.

APPLICATION METHOD / TOOLS

- Spray the activator component onto one surface only and allow to evaporate.
- Apply the adhesive sparingly to the other surface.
- Bring together, position and hold for approx. 10 seconds.
- Curing will be almost instantaneous.

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LOCAL RESTRICTIONS

Please note that as a result of specific local regulations the performance of this product may vary from country to country. Please consult the local Product Data Sheet for the exact description of the application fields.

LEGAL NOTES

The information, and, in particular, the recommendations relating to the application and end-use of Sika products, are given in good faith based on Sika's current knowledge and experience of the products when properly stored, handled and applied under normal conditions in accordance with Sika's recommendations. In practice, the differences in materials, substrates and actual site conditions are such that no warranty in respect of merchantability or of fitness for a particular purpose, nor any liability arising out of any legal relationship whatsoever, can be inferred either from this information, or from any written recommendations, or from any other advice offered. The user of the product must test the product's suitability for the intended application and purpose. Sika reserves the right to change the properties of its products. The proprietary rights of third parties must be observed. All orders are accepted subject to our current terms of sale and delivery. Users must always refer to the most recent issue of the local Product Data Sheet for the product concerned, copies of which will be supplied on request.

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