

Frame Adhesive - FAST

Fast drying, two-component frame adhesive, very solvent resistant

Frame Adhesive - FAST is a fast drying, two-component screen adhesive for a highly chemical resistant bonding of screen meshes to frames made of aluminium, steel, wood and galvanized iron. It is applied by brush and after curing almost completely solvent resistant. **Frame Adhesive - FAST** is fast drying with very short time in the stretching unit. The adhesive film does not embrittle and does not cut the mesh if some adhesive has been brushed into the stencil surface.

APPLICATION

Before use, thoroughly remove any old adhesive residue thoroughly from the frame. This is not necessary if the old adhesive film shows an even surface without break-outs. If sand-blasted aluminium frames are used, ensure that the dust is being removed. The bonding areas have to be free from fats and all other materials operating as separating agents. To achieve best adhesion it is recommended in some cases to apply the hardener **Frame Adhesive Catalyst - FAST** series onto the frame.

Before use, mix **Frame Adhesive - FAST** with 20% **Frame Adhesive Catalyst - FAST**. Stir both components well and apply within approx. 60 min. Using pressure, apply the adhesive mixture with a hard brush onto the area of the mesh to be bonded. **Frame Adhesive - FAST** offers the advantage of drying extremely fast, especially if a relatively thin adhesive film is applied

The drying time mainly depends on the mesh to be bonded, the quantity of adhesive to be dried and the room temperature in combination with the respective air circulation.

Guide values at 20°C:

Mesh	Time in stretching unit
100 - 40	approx. 7 minutes
51 - 70	approx. 10 minutes
21 - 140	approx. 15 minutes

While a relatively good resistance to water and many solvents is already achieved after approx. 1 hour, full resistance will only be reached after a total curing time of approx. 24 hours.

Although **Frame Adhesive - FAST** has a very good solvent resistance, it is advisable to protect the adhesive layer with a protective lacquer especially if automatic screen washing units are to be used. The protective lacquer can be applied after approx. 2-3 hours depending on the applied adhesive quantity and drying conditions.

POTLIFE

Approx. 60 minutes after adding 20% of the respective hardener **Frame Adhesive Catalyst – FAST** (depending on the room temperature and mixed adhesive quantity)

REDUCING

Frame Adhesive Reducer

CLEANING

Unhardened: **Frame Adhesive Reducer**

This data sheet is for your information. A legally binding assurance of the product's suitability for a specific purpose cannot be derived from it and no liability can be assumed for any potential damages that may occur. Our products are subject to continuous production and quality control and leave our company in perfect condition.

This product is intended solely for industrial applications and not for use by the end consumer. We recommend to our customers to always test the product themselves since only in this way – also after production – can the freedom from certain substances and the suitability for a particular purpose be verified. The user has to test the product for suitability for the intended application. We reserve the right to modify product specifications. Tests that are not part of the specifications of the product mentioned above have not been carried out.

All information applies only to the above-mentioned product obtained from Kissel + Wolf GmbH. It corresponds to our current state of knowledge, but is not a confirmation of a particular application and is not automatically replenished. All information is valid for a maximum of 12 months (annexes may be provided with their own date) or until legal changes are made in this time period. The recipient of our product is solely responsible for observing any possible property rights as well as existing laws and regulations. Property rights of third parties must be observed. Our terms and conditions of sale and delivery shall apply.

COLOUR

Colourless

FLASH POINT

Approx. -18°C

**HEALTH HAZARDS/
ENVIRONMENTAL
PROTECTION**

When working with **Frame Adhesive - FAST** and the **Frame Adhesive Catalyst - FAST** ensure sufficient ventilation of the working areas. Avoid contact with eyes and skin. Keep away from sources of ignition. Do not smoke.

Please follow further information given in the material safety data sheets.

STORAGE

2 years at 20 - 25°C and tightly closed original container

At temperatures of approx. +8°C, **Frame Adhesive - FAST** can become gel-like. Warm up to a minimum +20°C and shake or stir well to achieve normal consistency. Freezing and warming-up do not have any influence on the adhesion strength.