



FAST & STRONG HIGH QUALITY ADHESIVE

Akfix Fast and Strong is an AST polymer-based, one component, extreme grab adhesive with very high built-up of strength. It does not contain solvent or isocyanate.

FEATURES & BENEFITS

- Very high final strength
- Waterproof
- Becomes elastic and soft with air humidity
- Free from solvent and odorless
- Excellent elasticity and very good adhesion strength
- Over-paintable
- No bubble formation
- No shrinkage
- Does not need primer (preliminary test recommended)
- Does not contain solvent, silicone or isocyanate

APPLICATION AREAS

- In all constructional areas; for example, in the window, door and roof parts
- Used for the insulation of mainly high buildings and all indoor and outdoor expansion joints in the building
- In the joints of wooden and metal constructions
- In the connection details of prefabricated materials
- In the façade, skylight and metal curtain materials
- Sealing and bonding of the most common substrates such as natural stone, hard PVC, concrete, wood, etc.

Very High
Initial Built-Up
Strength

INSTRUCTIONS

- Before the application, the tip of the cartridges is cut and a plastic cap is fixed.
- The tip of the cap is cut according to the width of the surface and fixed to the cartridge gun.
- The sausage package is cut from one edge and fixed to a suitable gun. Then the cap nut is screwed to the cylinder of the gun.
- The joints should be filled at one time and without gaps during the application.
- The surface of Akfix Fast and Strong applied in the joints should be smoothed with a dampened spatula, glazing tool, joint iron or by hand immediately.
- If used, the adhesive tape should be removed afterwards.



- The opened packages should be consumed as quickly as possible.
- The contaminated areas and used tools should be cleaned with white spirit or alcohol. It is cleaned only mechanically after cured.
- The optimal bond thickness for this product is at least 2 mm for the elastic properties to come to full justice.

Surface Preparation

Following cleaning procedure and materials are recommended:

Glass	Degrease with alcohol or MEK
Aluminium, light alloys and stainless steel	Degrease with alcohol or MEK
Other Metals	Lightly abrade then degrease as above
Wood	Lightly abrade surface then remove dust
Plastics	Degrease using an agent recommended by plastics manufacturer
Concrete and other alkaline Surfaces	Brush and remove dust

STANDARDS

Meets or exceeds the requirements of the following specifications:

- The requirements of VOC content specifications in LEED credit EQc4.1 “Low-emitting products” of SCAQMD rule 1168.
- The French VOC requirements for class A+
- CE marked for EN 15651 for façade applications.

RESTRICTIONS;

- It must not be used in totally confined spaces where sealant cannot cure due to lack of atmospheric moisture.
- Akfix Fast and Strong may be applied to a variety of substrates directly. If not sure, we recommend a preliminary compatibility test.

STORAGE AND SHELF LIFE;

- They should be protected from water, frost and adverse air conditions.
- They should be kept dry and cool on wooden pallets at between +10 °C and +25 °C in moisture free conditions.
- The opened products should be consumed immediately.
- Shelf life is maximum 9 months conditional to complying with the aforementioned storage conditions.

SAFETY & DISPOSAL

For information and advice on the safe handling, storage and disposal of chemical products, users shall refer to the most recent Material Safety Data Sheet containing physical, ecological, toxicological and other safety-related data.



PROPERTIES

Chemical Base	: AST Polymer
Curing System	: Moisture
Density	: 1.47 ± 0.03 gr/ml
Appearance/Color	: Paste, White
Flow	: > 50 gr/min
Tack Free	: 20-25 min (23°C and %50 R.H.)
Curing Rate	: ~ 2,60 mm/ 24 hr (23°C and %50 R.H.)
Efficiency	: Approx. 10 meters. (For 10 mm width 3mm thickness)
E100 Modulus	: ~ 2,75 N/mm ²
Shore A Hardness	: 70 ±5
Elongation at Break %	: ≥ % 110
Volume Loss	: < -%3 (23°C and %50 R.H.)
Tensile Strength	: 3,30 N/mm ²
Heat Resistance	: -20 °C and +80 °C
Application Temperature	: +5 °C and +35 °C

PRODUCT

Product Type	Volume	Package
White/Black	290 ml	12

DISCLAIMER

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