



## FAST & EXTREME

### PRODUCT DESCRIPTION

Fi-X.expert FAST & EXTREME is a professional super-quality montage adhesive, created on the basis of the innovative POWER-BOOST technology, with a momentary initial strength of adhesion and remarkable mechanical properties after hardening.

### PROPERTIES

- Excellent adhesion to concrete, marble, ceramics, brick, iron, steel, aluminum, glass, Styrodur (XPS), Styrofoam (EPS), PVC, polyester, cork, sheet metal, wood, anti-slip waterproof plywood, etc. (not suitable for PE, PP, PTFE);
- Easily applied to somewhat wet surfaces;
- Good extrusion properties in low temperatures as well;
- Doesn't slip on vertical surfaces;
- After hardening it achieves excellent mechanical properties (430 kg/10 cm<sup>2</sup>);
- Ecological – doesn't contain diluents, isocyanate and silicones;
- Chemically neutral and odorless, doesn't cause corrosion;
- Doesn't leave stains;
- It is easily painted-over (we do not advise paints and coats based on diluents);
- Suitable for external and internal use, resistant to UV, ageing and water;
- Chemical resistance:
  - Suitable for short-term exposure to aliphatic diluents, mineral oils, diluted anorganic acids and bases
  - Poor chemical resistance to aromatic diluents, concentrated acids and carbohydrates;
- Color: white.

### AREA OF APPLICATION

- For adhesion and connection of different and heavy materials;
- Adhesion of different and heavy materials, without additional fixation;
- For elastic adhesion of parts of structures which are exposed to vibrations.

### PACKAGING

290 ml cartridges.

### STORAGE

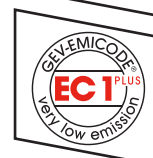
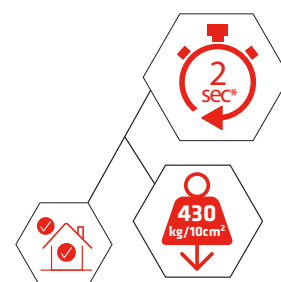
12 months in a dry space at a temperature between 5°C and 25°C and in original sealed packaging.

### SAFETY MEASURES

When working with the Fi-X.expert FAST & EXTREME adhesive, no special safety measures are necessary.

### WARNING

Instructions were given based on our research and experience, but due to specific conditions and methods of work, we recommend prior testing for each case of use.





## TECHNICAL DATA

### Fresh mass

Base		MS polymer paste
Appearance		air humidity
Hardening mechanism		1450±20 kg/m <sup>3</sup>
Specific weight		5 min
Skin formation time	23°C/50% relative humidity	2-3 mm/day
Hardening time	23°C/50% relative humidity	from 5°C to 40°C
Application temperature		

### Hardened mass

Hardness Shore A	ISO 868	55±3
Volume change	ISO 10563	< 1,5 %
Tensile strength	ISO 8339	1,60±0,3 MPa
Module E 100%	ISO 8339	> 1,3 MPa
Elongation at break	ISO 8339	250±50 %
Tensile strength	ISO 37 part 1	2,60±0,3 MPa
Elongation at break	ISO 37 part 1	300±50 %
Temperature resistance		from -40°C to 90°C

## ADHESION PROCEDURE

- We apply the adhesive in line or in spots (air humidity passage must be provided);
- The object to which the adhesive is applied should be put in the desired place 15 minutes after adhesion at the latest;
- The non-hardened adhesive may be removed with alcohol, but the hardened adhesive can only be removed mechanically

## INSTRUCTIONS FOR USE

- The adhesive may be applied within a temperature interval between 5°C and 30°C;
- The adhesive is applied directly from the cartridge;
- The surfaces to which the adhesive is applied have to be clean, degreased and without dust;
- The surfaces to which the adhesive is applied may be wet to a certain degree;
- For better adhesion, we may use appropriate pre-coating.

POWER-BOOST TECH