

ARMOFIX T-F®

Epoxy-base structural adhesives

DESCRIPTION

Two-component, high resistance, structural adhesives, formulated with fluid epoxide resins and special additives. Suitable for strengthening and consolidation in general.

USES

ARMOFIX F (fluid) is suitable for structural adhesion of damaged elements of structures in concrete, masonry, etc when the damage is on average greater than 3 mm depth. Also used for anchoring of support bars, rods and connection rods for structures in concrete and wood.

ARMOFIX T (thixotropic) is used as a binder for elements of different types i.e. iron - concrete, wood - iron etc. and as a plaster for filling cracks, holes, joint gaps etc. Suitable to be used as a binder for Armoshield Technology.

ADVANTAGES

Good fluidity (type F).
Non-shrink.
High mechanical and chemical resistance levels.
Easy to use also in small jobs.

TECHNICAL DATA

	ARMOFIX T	ARMOFIX F
Sp. Gr.	1.60 g/cm ³	1.40 g/cm ³
Pot life of mixture at 20°C	20-30 min	60 min
Harding (start) at 20°C	6-8 hrs	12-14 hrs
Harding (complete) at 20°C	7 days	7 days
Resistance to compression ASTM D 695	65 MPa	65 MPa
Tensile strength ASTM D 638	24 MPa	20 MPa
Flexural strength ASTM D 790	35 MPa	35 MPa
Elongation test		12.6%
Adhesion to concrete	breakage of cncr (> 3.5 MPa)	breakage of cncr (> 2.5 MPa)
Minimum temperature for use	>= 5°C	>=5°C

INSTRUCTIONS FOR USE

The product must be applied on supports that are clean and free from oil, grease and loose material. Mix together the two components of the system and apply the resulting mixture. Application of type T should be carried out with a brush or spatula, whilst type F can be injected with a pump or poured manually into the prepared spaces, allowing a sufficient head for complete penetra-

tion.
Do not apply on strong damp surfaces.

YIELD

Depends on the type of application.

COLOUR

Grey.

PACKING

Tins.

CAUTION

Protect hands with gloves. Use glasses to protect the eyes from spraying, which may cause irritation.

STORAGE

Shelf-life of at least 12 months when stored in the original sealed packaging in a dry, heated environment.

Protect from frost and humidity.