

CHEMOTEX Děčín a.s.

Děčín XXXII – Boletice nad Labem 63
407 11 Děčín
Czech Republic

Tel: +420-412-709 222

Fax: +420-412-547 200

E-mail: chemotex@chemotex.cz
www.chemotex.cz

EBOLIT FFK

TECHNICAL DATA SHEET

TL 490/2008

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Product characteristics

EBOLIT FFK is an aqueous solution of resol-type phenol-formaldehyde resin.

Applications

EBOLIT FFK is used in civil engineering as a bonding agent for ceramic insulating materials, especially for glass and mineral fibres.

Product Features

Red brown coloured, clear, water miscible liquid.

EBOLIT FFK must comply with the following quality characteristics:

Quality characteristic	Value	Methodology of assessment
Dry matter (%; 1 hour at 135 °C)	44 to 50	PN-ZM 490/2008
pH of a 1:1 aqueous solution	8.5 - 9.5	PN-ZM 490/2008
Free formaldehyde (%)	maximally 8.5	PN-ZM 490/2008
Water miscibility	minimally 1:25	PN-ZM 490/2008

Directions for Use

With regard to product's reactivity, **EBOLIT FFK** must be transported and stored at temperature between 8 to 15 °C (see further). Before it is processed, the product is diluted with water to desired concentration as stated in manufacturer's instructions. It is possible to mix the product with other ingredients - ammonia water, ammonium salts etc. Impregnated mineral wool is dried up and it gains the desired properties once the contained phenol-formaldehyde resin is hardened. This hardening process takes places at temperature of approximately 200 °C.

Packaging & Storage

EBOLIT FFK is usually delivered by cooled tanker trucks or a cooled tank wagons at recommended expeditionary temperature between 8 to 15 °C. We also recommend to store it at this temperature. Provided the above mentioned temperature conditions are kept, product's shelf life is 1 month.

Transport

EBOLIT FFK is transported by covered vehicles. It is not subject to ADR/RID Regulations.

Warranty

Provided the product is transported and stored in accordance with the above written conditions, its warranty is 1 month from the date it was delivered from a warehouse.

Note

Data about the product characteristics and its processing were obtained by laboratory measurements and application tests. This technical data sheet can provide solely legal advice without any engagements. Use of the product should be always adjusted to specific conditions.