

## FAX FIREPROOFING SOLUTION

### Product information

- Group** : Fire retardant coating and impregnating agent
- Description** : **FAX** is a clear colourless liquid that is odourless after application. It is based on organic salts. **FAX** has been tested in accordance with German standard DIN 4102 for flame-retardant characteristics (B1), and has been given the test marks PA-III 1.9 and PAIII 1.20. This very strict test is recognised by the appropriate authorities, both in Germany and in other countries.
- Properties** :
- Can be used on practically all absorbent materials
  - Does not "stick" during transport or in storage
  - No unpleasant smell during application
  - **FAX** will extinguish fire much better than water
  - Does not change the colour or structure of the material.
  - Unlimited protection. Also protects against rotting and fungoid growth.
- Application** : **FAX** is generally suitable for flame-retardant treatment of absorbent materials. **FAX** is used in the textile, paper, cardboard, building insulation and timber processing industries, and particularly for the theatre stages and in the decoration, wallpaper and packaging sectors.

### Technical data

- Colours** : Transparent.
- Finish** : Matt
- Density** : From 1.2 gr/cm<sup>3</sup>
- Flash point** : N/a
- Output** : The actual coverage depends on many factors, such as the shape of the object, the porosity of the surface, the method of application and the circumstances in which it is applied.

- Application conditions** : Substrate and surrounding temperature should be between 5°C and 30°C during application and drying. Relative humidity no more than 85%.
- Drying times** : Drying time depends on many factors, such as the shape of the object, the porosity of the surface, the method of application and the circumstances in which it is applied.
- Instructions for use** : A satisfactory degree of flame retardant impregnation can be achieved with an immersion or spraying process or by means of a size press. The quantity of **FAX** required depends on the absorbency of the material and its weight per unit of area. As a rough guide the maximum amount of **FAX** required is equivalent to one and a half times the weight per unit area of the material to be treated.  
To immerse: Depends on the absorbency of the material to be treated as to the necessary immersion time  
Spray: When a spraying process is used for impregnation, particular care must be taken to ensure that the material is sufficiently saturated. This applies particularly when treating relatively smooth vertical surfaces. The efficiency of the process can be increased by using the most suitable spray nozzle and/or optimal pressure.  
Size press process: Pressure and absorbency determine the quantity of **FAX** required.
- Cleaning tools** : Clean equipment and brushes with water
- Packaging size** : 0.5, 1, 5 Litres
- Shelf life** : Unlimited shelf life and is not sensitive to temperature
- Safety**
- Safety aspects** : The user must comply with the prevailing legislation and regulations with respect to disposal of wastes, health and safety.  
For further information, see the label and the relevant safety information sheet.
- Transport ADR class** : none

We recommend the above information, which is based on our many years experience. No guarantee for particular applications can be derived from this because the prevailing application and processing conditions are outside our control. The customer should check, using the means normally available to him, whether the products supplied are suitable for the planned application. If in doubt, consult our technical specialists.