



## X-ANTIFIRE LIQUID

x-antifire in liquid form is a water based solution and is used for the treatment of water absorbent materials. Practice has shown that for the calculation of liquid absorption rates for different kinds of materials, available data sheets for water absorption can be used.

### FOR WATER ABSORBENT MATERIALS

Materials with high water absorption rates, like cotton or cardboard, can be effortlessly treated by immersion in the x-antifire liquid. If properly applied and dried, materials retain their fire-protection for up to five washings.

### FOR LESS WATER ABSORBING MATERIALS

For materials with lower absorption rates, like wood or timber, treatment can be divided into two processes. Non-pressure processes are used for surface application, like brushing and spraying, or medium penetration with steeping, where the material is submerged into a pool of liquid and allowed to soak for longer periods of time.

Pressure processes with industrial equipment like autoclaves are considered the most effective if a deep penetration is required. Some wood species that are difficult to impregnate can be pre-treated with methods like mechanical incision, laser perforation or pre-steaming.

### APPLICATIONS

- Construction timber
- Laminated flooring
- Seat covers
- Furniture
- Protective clothing

- ABSOLUTE FIRE-PROTECTION UP TO 1500°C

- HIGH INSULATION PROPERTIES

- NO HARMFUL INGREDIENTS

- UNIVERSALLY APPLICABLE

The next-generation of flame retardants. With its molecular x-antifire-shield, it surpasses all requirements demanded for modern flame retardants: absolutely effective, universally applicable and finally safe.

