

FSI-Gel

Effective, pH-neutral, water-based and green environmentally-approved flame retardant for defensive and offensive combat of house and facade fires.

FSI-Gel, patent SE 1230104-0, is delivered ready mixed and applied with heavy or lighter equipment. The media attaches easily to all types of solid surfaces. Open fire extinguishes immediately and prevents re-ignition. Surfaces treated with FSI-Gel are easily flushed after extinguishing with normal water or dry with a damp cloth. The unique texture allows for long throws which is often required in difficult situations. Very suitable in ex. fire extinguishers.



The wooden wall is set on fire.



FSI-Gel extinguished the fire completely in 5 seconds. Access 1 liter



The facade is secured against re-ignition.

Saves life and preserves the values!

FSI-gel can save lives, reduce costs for extinguishing and preserving values.

The heat generated by a heavy fire usually causes water to evaporate quickly, which results in reduced effect. FSI-Gel achieves significantly greater impact in extinction.

When FSI-gel is exposed to fire, a covering is formed by a carbon compound that prevents the oxygen reaches the fire, while pyrolytic gases are prevented from reaching the flames.

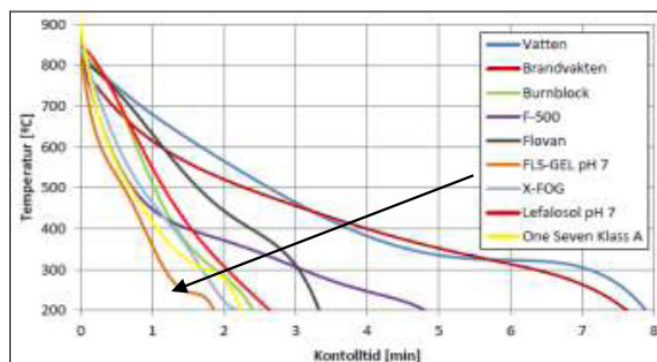
Environmentally friendly flame retardant

FSI-Gel is a pH-neutral and aqueous composition that has been verified and approved by IVL, Swedish Environmental Institute. The product is toxicologically tested and approved by the University of New South Wales in Australia and free from halogen- as well as brominated substances and heavy metals.

FSI-Gel appears as a high-efficiency agent in an independent comparative study (Hummelgård and Linde, Degree Project, LTH, 2014) at MSB facility in Revinge, Sweden.



firetest



diagram

Flame Security International Europe AB SAVES VALUES