

FSI-Forest

Effective, water-based & pH-neutral flame retardants to secure against the spread of forest and land fires.

In september 2016 FSI Europe AB had the opportunity to cooperate in a controlled forest fire that was performed by firemen from SITS in Sweden AB. The task was ordered by the local authorities of Kalmar (Länsstyrelsen) and was performed on part of the nature reserve of Grankullavik on the northern part of Öland. To show the effectivity of FSI-Forest, a watering can is used to apply the product to a small strip.



FSI-Forest applied with a watering can



The firing is carried out



A firebreak is created

The result was very impressive when FSI Forest effectively protected the vegetation although the treated surface is subjected to very heavy fire during the long exposure.

FSI-Forest is a very valuable product and an insurance to create effective firebreaks in extreme situations where forest, land or buildings need to be secured in connection with fires.

FSI-Forest flame retardancy can be applied from a helicopter, fire truck, heavy equipment, or with light hand equipment, watering can and provide effective protection against fire.

The FSI-Forest with its low surface tension infiltrate easily into the moraine and improves the protection in the soil layer. A covering membran is created when the product is exposed to heat and it prevents oxygen from accessing the combustible material. **Important!** FSI Forest consists of salts and equipment that is used during application, should be thoroughly cleaned with water after use.

Environmentally friendly flame retardants

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

References: Fire Consultant Per Kjellin, Backdraftbrandskydd, Backdraft AB Tel. +46 70 6382010

Mora/Siljan Airport in Dalarna, Sweden.

Incident commander Lars-Olof Mattsson +46 70 6807829

SITS i Sverige AB, Thomas Aronsson, CEO

Mail: sits@live.se +46 722 506204