



## TECHNICAL DATASHEET

### WATERBASED FIRE RETARDANT INTERIOR WOOD STAIN SERIES-F

#### PRODUCT TYPE

Waterborne fire retardant wood stain for indoor use.

#### APPLICATION

Suitable to be used on various wooden surfaces indoors. The product is suitable for industrial as well as domestic use. Recommended for rough as well as planed surfaces.

#### TECHNICAL INFORMATION

##### PROPERTIES

In addition to decorative finishing it gives wood fire protection.

Pursuant to the Euroclass classification used in the EU the product belongs to the highest possible category for wood - B-s1,d0.

In addition the product protects wood against fungal decay, rot etc.

##### COLOR SHADES

<http://peits.ee/eng/items>

##### EMISSION CLASSIFICATION

The product does not contain free formaldehyde and after drying it does not emit formaldehyde to the environment. In addition the product does not contain carcinogenic or other harmful substances.

##### ACTIVE AGENT

The active agent giving fire protection is ferric(III)dihydrogenephosphate.

##### FIRE PROTECTION

Euroclass B-s1, d0 category - average coverage 300 - 350 g/m<sup>2</sup>

In favourable conditions the fire protection properties last at least 20 years.

## WORTH COATINGS

#### APPLICATION METHODS

In industrial use, stain can be applied by spraying, dipping, roller-coating, Airmix or flow-coating. At home use, stain can be applied with a brush, roll or pad.

#### WORKING AND DRYING TIME

Cover the surface to be treated 2 - 3 times with intervals not less than 40 - 60 minutes. Final drying time is 72 hours. Drying and recoating times are related to the film thickness, temperature, the relative humidity of the air and ventilation!

#### APPLICATION DETAILS

Before applying stir the product carefully. Clean the surface to be treated from dirt, dust, loose wood particles etc. The moisture level of the wooden part to be treated shall remain in the range of 12 - 24 weight percent.

Cover the surface to be treated 2 - 3 times with intervals not less than 40 - 60 minutes. With different staining methods and types of wood, there may be differences in wood stain tones. Before staining large surfaces, it is advisable to perform sample staining. While staining and drying, the temperature of the air, the surface to be stained and the wood stain must be over +18 °C/ 64,4 °F; and the relative humidity, below 70 %.

If the treated surface gets damaged in the course of other activities or mechanical treatment, then the damaged or mechanically treated areas shall be re-stained.

#### HEALTH AND SAFETY CLASSIFICATION

Follow safety label requirements. Please contact us to obtain the product MSDS.

Information in Technical Datasheet is based on laboratory tests and practical experience. As a manufacturer we cannot be responsible for any damages caused by using the product against our instructions or for inappropriate purposes.

**NB! Material is frost sensitive - do not store and transport under 5°C.**