

INSTRUCTION OF USE FOR IRON SULFATE

Iron sulfate or ferrous sulfate FeSO₄ – CAS – no. 7720 -78-7

Iron sulfate is used to colour wood into a grey tone in exterior wood surfaces and is used as ingredient in the manufactory of Nordic Red Paint.

Instructions:

Iron sulfate is mixed into hot water (2,5 kg of powder to 15 – 20 L of water) until the powder is well mixed into the liquid.

The wooden surface is treated with a generous amount of the mixed iron sulfate water. After this the wood is left in sunlight. The final shade of grey will be visible approximately after 2-3 months. The moisture content of the wood, the age of the wood, the quality of the wood and water etc. will all influence the final tone. The best surface absorption is on a sawn timber surface.

Coverage:

Planned timber 8-10 m²/L, rough sawn timber 4-5 m²/L.

Points to note:

Iron sulfate is harmful if swallowed and irritating to the eyes, skin and respiratory. Use proper protective equipment when using iron sulfate. Keep away from children!

Points to note:

*The Iron sulfate water might run down to the plinth if it rains and colour the surface into a rusty brown colour. Thus, make sure you cover other surfaces before the iron sulfate treatment.

*Ensure that the iron sulfate mixture does not spill on the inner surfaces to prevent from staining

*The Iron sulfate treatment might bring to the surface light-coloured "granules", so-called salts, which will disappear over time.

*The product is alkaline, and might corrode nails.

*The product only works with sunlight and will not work in dark.

These instructions are made to help them, who are interested in treating the wood with iron sulfate. Since iron sulfate is not a premade product or a surface treatment agent, we do not take responsibility on matters concerning the use of the product. If you are unsure, we recommend other products, such as our paints and other surface treatment products, to be used instead.

Information in the technical specification is based on tests and practical experience. All instructions are only indicative and depend, for example, on the texture of the surface, quality, colour and previous treatments. Because we cannot control the use and working conditions of our products we take responsibility only for the quality of the product and guarantee that it is in accordance with the high standards of Uulatuote Oy. We do not take responsibility for damage caused by using the product against our instructions or intended use.