



IČ:22138323

Business Identification Number  
in the Czech Republic

## **HOKSS One**

### **Single-Component Fire-Resistant Coating**

## **Technical Data Sheet**

### **Description**

A single-component topcoat designed to protect structures from fire. The product is intended for protecting interior structures and products.

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### **Substrate**

Wooden products and wooden structures for interior use.

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### **Application Conditions**

The surface must be dry. The air, surface, and paint temperature must not drop below +10°C during application and drying. The relative humidity must not exceed 80%.

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### **Surface Preparation**

For wooden surfaces, ensure the surface is dry and cleaned of dirt, wax, grease, peeling, or non-cohesive material. Remove any sanding dust using a vacuum cleaner.

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### **Application Methods**

The single-component coating is ready for use and does not require dilution. Stir the liquid thoroughly before application.

Apply using a brush, roller, or spray gun. When applying with a brush/roller, choose a suitable type based on the composition of the coating. For air spraying, use nozzles of 1.5–2 mm and a pressure of 3–4 bar. Adjust the spray angle to 45°, depending on the



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surface shape. Apply in two coats. The second coat can be applied 2 hours after the first. When applied in two coats, the total thickness will be 300 µm wet, which corresponds to 200 µm dry.

**Drying Time:** At a temperature of  $23 \pm 2^\circ\text{C}$  and relative humidity of  $50 \pm 5\%$ , the coating will be:

- Dust-resistant after 1 hour (stage 1)
- Touch-dry after 1 hour (stage 3)
- Ready for handling after 2 hours (stage 4)
- Fully dry after 24 hours from application.

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### Storage

Store the product in its original, unopened packaging at temperatures between  $+10^\circ\text{C}$  and  $+25^\circ\text{C}$ .

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### Packaging

Available in 1 kg, 3 kg, 7 kg, and 14 kg containers.

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### Technical Parameters

- **Density:** 1.4–1.6 g/cm<sup>3</sup>
- **Fire Reaction Class (ČSN EN 13501-1:2018):** A1
- **Adhesion (ČSN 732578):** Minimum 0.45 MPa
- **Wood Adhesion Rating:** Maximum grade 1
- **Health Safety (ČSN EN ISO 16000-10):** Non-hazardous