

**STARDUSTCOLORS SAS**

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**Series : FINISHES****INTUMESCENT Class M1****Reference : FUHS44****TECHNICAL DATA SHEET**

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**TYPE OF PRODUCT AND APPLICATIONS**

FUHS44 clearcoat is a new generation two-component UHS polyurethane clearcoat. It is an M1 intumescent varnish according to NF P. 92.507, intended to promote fire protection, to delay the spread of flames, and to limit the rise in temperature of the material.

Its reaction to fire is excellent since it does not feed the flame. It limits the spread of a fire. Its formula provides a very beautiful shine, as well as an excellent level of resistance and protection.

**FIELD OF APPLICATION**

Finishing varnish building from France  
Application on all non-insulating M0 substrates

**Preparation :**

On all sound, dry, degreased, dusted, sanded with P500 substrates

Depending on the nature of the supports, carry out preliminary tests concerning adhesion before any industrial production

**COMPONENTS AND MIX**

Bi-component product  
100 parts of FUHS44 clearcoat  
33 parts hardener  
Dilution possible with all thinners for acrylic polyurethane clearcoats.

**PHYSICAL AND CHEMICAL CHARACTERISTICS**

Aspect	Colorless, shiny, smooth
Product density	1,00 Grs/cm <sup>3</sup> ± 0,03
Solids content calculated by weight (clearcoat)	54%
Solids content calculated by weight (hardener)	75%

Degree of gloss :	90-95°
Delivery viscosity DIN4 20°C (clearcoat)	47s
Delivery viscosity DIN4 20°C (hardener)	26s
Pot Life Mix :	40 mins
Theoretical yield	10 M2/L/Layer
VOC	<420/L

## APPLICATION SYSTEMS

HVLP gun from 1.2 to 1.5mm  
AirLess  
Roll

## INSTRUCTIONS FOR USE

The mixture must be perfectly homogeneous.

### **Suggested app**

±60-100Grs./M2 wet

Dry thickness : 30-50 µm dry

Apply By pneumatic gun or roller with 1 to 2 coats with an interval of 10 minutes

## DRYING

At a temperature of 20°C :

- out of dust : 40min,
- commissioning and transport : 24 hours

## STORAGE AND PACKAGING AVAILABLE

1.33L / 6.5L / 26.6L

Maximum storage time : 12 MONTHS IN A TIGHTLY CLOSED CONTAINER