

Name **BINDER MS EXTRA PU GLOSSY**  
 Definition: **Polyurethane two-pack top coat**  
 Code: **6H.1.K1**

Category: **Topcoat**  
 V.O.C (ready to use): **585 g/l**  
 Product outside the uses referred to 2004/42/CE

## Nature of this product:

Two-pack polyurethane topcoat based on polyester resins and isocyanic hardener to mix before use.

## General Uses

Product for general use, industrial applications and bodywork, machine tools, furniture, various coatings.

## **APPLICATION METHOD**

### Preparation of Surfaces

The cleaning of the application surface should be total and painstaking and it is a fundamental and necessary condition to obtain positive result of the painting cycle.

- **Ferrous surfaces.** SA2,5. Alternatively sandblasting or very careful mechanical abrasion followed by degreasing using thinners. Then proceed with the application of the primer.
- **Galvanized sheet.** Delicate sanding (with scotch brite paper) followed by degreasing using thinners. Then proceed with the application of the selected primer and then the top coat.
- **Aluminium.** Chromate or phosphorous chromate treatment or in alternative sanding procedure followed by degreasing using thinners. Then proceed with the application of the selected primer and then the top coat.

### Preparation of the product

	<b>code</b>	<b>name</b>	<b>By Weight</b>	<b>By Volume</b>
Component A	6H.1.K1(TINTED)	BINDER MS Extra PU Glossy	100 parts	100 parts
Component B	0A.014	ACTIVATOR STANDARD	50parts	52parts
In alternative	0A.012	ACTIVATOR SLOW	50parts	52parts
In alternative	0A.025	ACTIVATOR FOR INDOOR	50parts	52parts

Carefully mix until an even colour and consistency are obtained. Dilute with our polyurethane thinner 0G.013 in a percent of by weight 10-20% and 11 to 22% by volume to obtain a viscosity of 18"-20" Ford 4 at 20° C. For temperatures above 25°C it is suggested to use our slow hardener 0A.012 and our slow polyurethane thinner 0G.030

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## Application

Spray gun: Nozzle of 1,2-1,4 mm diameter and 3-4 atm pressure.  
Roller or brush<sup>1</sup>: Only for large surfaces.

## Technical data

**Product Type** Two pack product

**Colors:** On request (**6H.1.K1 has to be used in a ratio 70/30 with the tinting system**).

**Film Appearance:** Glossy>90

**Specific Weight** (ISO 2811): 1,02 Kg/L (±0,1)

**Supply Viscosity:** 100KU at 25° C. (± 5).

**Solid Content:** A : 57% (± 2%).

**Drying at 20°C**

Dust dry:	20-30 minutes
Touch dry:	6-7 hours
Total hardening:	24-36 hours
Forced Drying	30 at 60-80°C
Maximum chemical resistance:	After 7 days

**Recommended coats:** One crossed coat.

**Thickness:** 40-50 µm

**Theoretic Yield:** 10 m<sup>2</sup>/kg

**Pot-Life at 20°C:** 4 hours at temperature of 20° C. At higher temperatures, pot-life decreases.

<sup>1</sup> You may need Antifoam additive in order to avoid bubble formation whilst using these tools

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**Repainting:** After 6 hours minimum. If overpainting is planned before the first layer has completely hardened (24-36 hours), it is advisable to check the first painted layer and, if possible, lightly sand the surface. After 36 hours a light sanding is always necessary.

**Storage Stability:** 18 months for A component, 12 months for B component in closed packs, in a cool, dry place, away from any sources of heat.

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