

Name **BINDER IND. FAST AIRDRY SEMIGLOSS**Category: **topcoat**Code: **7B.2.K7**V.O.C (ready to use): **555 g/l**

Product outside the uses referred to 2004/42/CE

**Nature of this product:**

Top coat based on fast air drying alkyd resins.

**General Uses**

Steel structure, steel products, agricultural machines, containers, etc.

**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. This means that the presence on the support of substances such as oil, grease and dirt (and of course, for other reasons, rust and calamine) is absolutely not allowed.

- Ferrous surfaces: remove carefully all traces of rust, calamine, grease and humidity, by very careful mechanical cleaning, followed by degreasing using thinners, or with sandblasting I.4process SA 2<sub>1/2</sub>. Apply a primer coat like 7I.2 or 7I.4 when the primer is completely dry (2-3 hours minimum), apply the concerned Global star topcoat.

**Preparation of the product**

Carefully mix until an even color and consistency are obtained. For airless application no dilution is needed. For standard applications dilute at 15-20% BY weight (22 to 30 % by volume) with our synthetic OG.005 or nitro thinner OG.001 until a viscosity of 25-30" Ford 4 is reached at 20° C.

**Application**

Spray gun: Nozzle of 1,4-1,7 mm diameter and 3-5 atm pressure.

Airless. Nozzle 0,09 inches, 180-240 bar

Roller or brush<sup>1</sup>: It can be used.

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**Technical data**

<b>Product Type</b>	One-pack
<b>Colors:</b>	By request <b>(using the binder 7B.2.K7 in a ratio of 80/20 with GS tinters)</b>
<b>Film Appearance:</b>	Semi glossy, 65±5 gloss
<b>Specific Weight</b> <sup>(ISO 2811)</sup> :	1,31 g/cm <sup>3</sup> (±0,08)
<b>Supply Viscosity:</b>	98KU @ 20° C
<b>Solid on Volume:</b>	<b>52± 2%</b>
<b>Solid Content:</b>	65± 3%
<b>Drying at 20°C</b>	Dust dry: 10-25 minutes Touch dry: 6-7 hours Total hardening: 24 - 36 hours Forced drying 30' mins at 80°C Maximum chemical resistance: After 10 days
<b>Recommended coats:</b>	One crossed coats.
<b>Thickness</b> <sup>2</sup> :	60- 80 µm
<b>Theoretic Yield</b> <sup>3</sup> :	6-8 m <sup>2</sup> /kg.
<b>Repainting:</b>	Wet on wet within 4 hours or, after complete hardening of the film, with a previous light scratch.
<b>Storage Stability:</b>	1year in closed packs, stored in cool, dry place, away from any heat.

<sup>2</sup> Considering a dry film.<sup>3</sup> The theoretical yield has been calculated for the thickness suggested and over plane and regular surfaces