

Name **BINDER IND.FAST AIRDRY SATIN**
Definition: **Industrial synthetic enamel**
Code: **7B.3.K7**

Category: **Semimatt topcoat**
V.O.C (ready to use): **515 g/l**
Product outside the uses referred to 2004/42/CE

NATURE OF THE PRODUCT

Top coat based on alkyd and epoxy ester air drying resins.

GENERAL USES

Industrial carpentry, iron manufactures, agricultural machines, silos, 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.

- **Ferrous surfaces.** Remove all traces of rust carefully, oil and humidity, by SA2 1/2 sandblasting or very careful mechanical abrasion followed by degreasing using thinners. The product has direct adhesion on iron, but for increase the corrosion resistance we suggest to apply a coat of primer 71.2 or 71.4. When the air drying of the primer is complete, proceed with the application of the top coat.
- **Aluminum.** Accurate sanding followed by careful degreasing with our thinner 0G.115 or 0G.044, and final cleaning with silicone remover 0G.051. When it is not possible to sand the surface, the use of acids thinners such as 0G.044, slow, and 0G.115, quick, improves greatly the adhesion performance on this surface. Nevertheless, we suggest testing the adhesion on a sample before proceeding with large applications.
- **Galvanized sheet.** accurate sanding by using scotch brite coarse grain, then degreasing with solvents. Otherwise, accurate degreasing with our thinner 0G.115 or 0G.044, and final cleaning with silicone remover 0G.051. The use of acidic thinners such as 0G.044, slow, and 0G.115, quick, improve greatly the adhesion performance on this surface, especially if, contrary to what is specified above, it has been sanded short before.

PREPARATION OF THE PRODUCT

Carefully mix until an even color and consistency are obtained. Dilute at 10% with our synthetic thinner 0G.005 or nitro 0G.002 until a viscosity of 8-10" Ford 8 is reached at 20° C.

APPLICATION

Spray gun: nozzles of 1,6-2,0 mm. diameter and 3-4 atm. pressure.
Airless. Nozzle 0,09 inches, 180-240 bar pressure
Roller or brush: Only for small surfaces

TECHNICAL DATA

PRODUCT TYPE: mono component
FILM APPEARANCE (ASTM D 523): Matt-semi matt, 27±5 gloss

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COLOURS:	By request (the binder .7B.3.K7 has to be used in a ratio 80/20 with the tintometric system tinters)			
SPECIFIC WEIGHT (ISO 2811):	1.22±0.05 g/ml			
SUPPLY VISCOSITY (DIN 53211):	18"±5" ford 8			
SOLID ON VOLUME:	50±2%			
SOLIDS CONTENT:	65±3%			
DRYING AT 20°C	Dust dry:	40'-50'	Touch dry:	2-3 hours
	Total hardening :	24-36 hours	Forced drying ¹	30' at 80°C
	Maximum chemical resistance: After 7 days			
RECOMMENDED COATS:	One crossed coat			
THICKNESS ²:	60-80 µm			
THEORETIC YIELD ³:	6-8 m ² /kg			
REPAINTING:	Within 4 hours or, after complete hardening of the film, with a previous light scratch.			
STORAGE STABILITY:	One year in closed packs, stored in a cool, dry place, away from any sources of heat.			

¹ Baking the product can change the final gloss result, it could result more matt

² Considering a dry film.

³ The theoretical yield has been calculated for the thickness suggested and over plane and regular surfaces.