

Name **BINDER IND. FAST AIRDRY GLOSS**
Definition: **Industrial synthetic enamel**
Code: **7B.1.K7**

Category: **Top Coat**
V.O.C (ready to use): **500 g/l**
V.O.C. limit: **500 g/l**
Product according to 2004/42/CE

NATURE OF THE PRODUCT

Gloss topcoat based on alkyd air-drying resins.

GENERAL USES

Steel structural works, steel products, agricultural machinery, 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. This means that presence of grease and oils on the surfaces, is absolutely not allowed.

- **Ferrous surfaces.** Carefully remove any traces of rust, calamine, grease and humidity from the surface by SA2 1/2 grade sandblasting. Alternatively, perfect mechanical cleaning of the support by sanding and subsequent degreasing with aqueous solutions of surfactants or with organic solvents. Apply a base coat like our Primer 71.2 or 71.4 series. When completely dry apply the 7B.1 topcoat. The product can also be applied with direct adhesion on iron.
- **Galvanized sheet.** Careful sanding with coarse-grained scotch brite followed by degreasing with solvents. Recommended primers: Acrylic Primer , Epoxy primer 21.3..
- **Aluminum.** Chromate or phosphorous chromate treatment or in alternative delicate sanding procedure followed by degreasing using thinners. Recommended primers: Acrylic primer , Epoxy primer 21.3..

PREPARATION OF THE PRODUCT

Carefully mix until an even color and consistency are obtained. Dilute with a maximum of 10% of our Synthetic Thinner 0G.005 or Nitro Anti-fog Thinner 0G.001, obtaining a viscosity of 20-24" Ford at 20°C.

APPLICATION

Spray gun:	nozzles of 1,4-1,7 mm. diameter and 3-5 atm pressure.
Airless.	nozzle 0,09 inches, 180-240 bar (no dilution)
Brush/roller	Only for large surfaces ¹

TECHNICAL DATA

PRODUCT TYPE:	One-pack
APPEARANCE (ASTM D 523):	Gloss (85±3 gloss).
COLOURS:	By request (by using the binder 7B.1.K7 in a ratio 80/20 with the tinters of the solvent based tinting system)
SPECIFIC WEIGHT (ISO 2811):	1,35 ± 0,05 kg/l (component A only)

¹ You may need Antifoam additive 0C.009 in order to avoid bubble formation whilst using these tools.

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SPECIFIC WEIGHT (ISO 2811):	1,30 ± 0,05 kg/l (ready-to-use product)	
SUPPLY VISCOSITY (DIN 53211):	30 - 40" Ford 8 a 25°C (± 3")	
SOLID ON VOLUME:	52 ± 3%	
SOLIDS CONTENT:	62 ± 2%	
DRYING AT 20°C	Dust dry:	20-30 minutes
	Touch dry:	6-8 hours
	Total hardening:	24-36 hours
	Forced drying:	30 minutes at 60°C
	Maximum chemical resistance:	After 7 days
RECOMMENDED COATS:	One or two crossed coats	
RECOMMENDED THICKNESS:	40-60 µm	
THEORETIC YIELD:	6-8 m ² /kg	
REPAINTING:	Within 4 hours wet on wet or after a complete hardening of 4 weeks.	
STORAGE STABILITY:	One year, stored in closed packs, in a cool, dry place, away from any sources of heat.	