

Name **BINDER EXTRA FAST AIRDRY SEMIGLOSS**
Definition: **Quick air-drying enamel**
Code: **7D.2.K1**

Category : Top Coat
V.O.C (ready to use): **530 g/l**
Product outside the uses referred 2004/42/CE

NATURE OF THE PRODUCT

Synthetic top coat based on alkyd quick air-drying resins.

GENERAL USES

Steel structural works, steel products, 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.** Carefully remove all traces of rust, calamine, oil and humidity, by SA2 1/2 sandblasting or very careful mechanical cleaning, followed by degreasing using aqueous solutions of surfactants or organic thinners. Apply a primer coat, like our Primer 7I.2 or 7I.4. When the primer is completely dry, apply the 7D.2 top coat. The product has direct adhesion properties on iron as well.
- **Galvanized sheet.** Accurate sanding by using Scotch Brite coarse grain, followed by careful degreasing using thinners. Recommended primers: Acrylic primer, Epoxy primer 2I.3 .
- **Aluminum.** Chromate or phosphorous chromate treatment or delicate sanding followed by degreasing using organic thinners. Recommended primers: Epoxy primer 2I.3. or Acrylic primer.

PREPARATION OF THE PRODUCT

Carefully mix until an even color and consistency are obtained. Dilute with our synthetic thinner 0G.005 or nitro thinner 0G.002 at 15% to reach a viscosity of 20-24" Ford 4 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 pressure,
without dilution Roller or brush¹: Only for large surfaces

TECHNICAL DATA

PRODUCT TYPE: One pack product
FILM APPEARANCE (ASTM D 523): Semigloss, 60±10 gloss
COLOURS: On request (by using the binder 7D.2.K1 at 80/20 ratio with the tinters of the solvent base tinting system)
SPECIFIC WEIGHT (ISO 2811): 1,36 (± 0,08) g/cm³

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

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SUPPLY VISCOSITY (DIN 53211):	15" Ford 8 at 25°C (± 3")	
SOLID ON VOLUME:	53% (±3%)	
SOLIDS CONTENT:	67% (±2%)	
DRYING AT 20°C	Dust dry:	20-30 minutes
	Touch dry:	3-6 hours
	Total hardening:	24-36 hours
	Forced drying	30 minutes at 60°C
	Maximum chemical resistance:	After 14 days
RECOMMENDED COATS:	One crossed coat	
THICKNESS ²:	40-50 µm	
THEORETIC YIELD ³:	10 m ² /kg	
REPAINTING:	After 24 hours wet on wet or after 4 weeks of complete hardening, prior sanding.	
STORAGE STABILITY:	One year for product stored in closed packs, in a cool, dry place, away from any sources of heat.	

² Considering a dry film.

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