

Name **BINDER IND. NITRO ALKYD SEMIGLOSS**
Definition: **Nitroalkyd enamel**
Code: **4B.2.K7**

Category: **Top coat**
V.O.C (ready to use): **660g/l**
Product outside the uses referred to 2004/42/CE

NATURE OF THE PRODUCT

Semigloss enamel based on nitro alkyd resins

GENERAL USES

Product for general use, machines tools, agricultural machines, 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, oils, dirt, rust and calamine on the surfaces, is absolutely not allowed.

- Ferrous surfaces: SA2 sanding or very careful mechanical cleaning followed by degreasing using thinners. Apply a coat of primer 7I.4, 7I .2 or 7I.0. Within 24 hours after the primer application, apply one or two coats of nitro synthetic enamel.

PREPARATION OF THE PRODUCT

Carefully mix until an even color and consistency are obtained. For standard air mix application dilute with our nitro thinner 0G.001 or 0G.002 at 30-40% to obtain a viscosity of 20"±2" Ford 4 at 20°C.

APPLICATION

Spray gun: nozzles of 1,4-1,6 mm. diameter and 3-5 atm. pressure.
Airless. nozzle 0,09 inches, 120-150 bar (the dilution will be lower or none with this type of application)

TECHNICAL DATA

PRODUCT TYPE: One pack product.

APPEARANCE (ASTM D 523): Semi-gloss (50-70 gloss according to the formulated color).

COLOURS: By request (the binder 4B.2.K7 has to be used in a ratio 80/20 with the tinting system tinters)

SPECIFIC WEIGHT (ISO 2811): 0.95 ± 0.05 kg/l

SUPPLY VISCOSITY(DIN 53211) 30"-60" Ford 4

SOLIDS CONTENT: 35 % (± 2%)

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**DRYING AT
20°C**

Dust dry: 15-20 minutes

Touch dry: 2-3 hours

Total hardening : 24 hours

Maximum chemical After 7 days

**RECOMMENDED
COATS:**

Two or three

THICKNESS ¹:

20-30µm

THEORETIC YIELD₂

12 m²/kg

OVERCOATING:

The product can be overcoated after 1-2 hours with himself.

STORAGE

One year stored in closed packs, in a cool, dry place, away from any sources

STABILITY:

of heat.

¹ Considering a dry film.

² The theoretical yield has been calculated for the thickness suggested and over plane and regular surfaces.