

Name **BINDER NITRORESISTANT PRIMER**
Definition: **Phenolic nitro resistant primer**
Code: **71.2.K1**

Category: **primer**
V.O.C (ready to use): **540 g/l**
Product outside the uses referred to 2004/42/CE

NATURE OF THE PRODUCT

Anticorrosive primer based on oleophenolic resins.

GENERAL USES

General use primer, fit for steel structural works, coachworks, agricultural machines tools, 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. SA2 1/2 sandblasting or very careful mechanical abrasion followed by degreasing using thinners, then proceed with the direct application of the product.

PREPARATION OF THE PRODUCT

Carefully mix until an even color and consistency are obtained. For airless applications no dilution is requested, for standard air mix application dilute with our 0G.002 nitro thinner or 0G.005 synthetic thinner in a percent of 15-20% to obtain a viscosity of 25-28" Ford 4 .

APPLICATION

Spray gun: nozzles of 1,4-1,7 mm. diameter and 3-5 atm. pressure.
Airless. nozzle 0,09 inches, 120-150 bar
Brush/roller Only for small surfaces

TECHNICAL DATA

PRODUCTTYPE: Mono-component
APPEARANCE (ASTM D 523): Matt (15±5 gloss).
COLOURS: By request (the binder 71.2.K1 has to be used in a ratio 85/15 with the tintometric system tinters). To have a better corrosion resistance 71.2.70121, produced by direct grinding and not with the tintometric system, is suggested.
SPECIFIC WEIGHT (ISO 2811): 1.42 ± 0.05 kg/l
SUPPLY VISCOSITY(DIN 53211) 12" ± 2" Ford 8 at 25° C
SOLID ON VOLUME: 48 % (± 2%)
SOLIDS CONTENT: 68 % (± 2%)
DRYING AT 20°C Dust dry: 15-20' Touch dry: 40-60'

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Total hardening : 24h
Forced drying¹ 30' at 60°C

Maximum chemical resistance: After 14 days

RECOMMENDED COATS:

One crossed coat.

THICKNESS²: 60-80 µm

THEORETIC YIELD³: 6-8 m²/kg

REPAINTING:

After minimum 4 hours with a solvent based system, or even after 30-60' with a water based system. **Over 7 days a light sanding** is suggested before overcoat.

STORAGE STABILITY:

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

¹Baking the product can produce the popping effect, to avoid this is better a flash-off time of 30'-60' before put the paint to dry in the oven

² Considering a dry film.

³ The theoretical yield has been calculated for the thickness suggested and over plane and regular surfaces for product ready to be used.
