

Name **BINDER EXTRA PU SATIN**
Definition: **Polyurethane two-pack enamel**
Code: **6H.3.K2**

Category: **high performances bicomponent paint**
V.O.C expected: **550g/l**
V.O.C (ready to use): **520 g/l**
Product outside the uses referred to 2004/42/CE

Nature of this product:

Two-pack polyurethane topcoat, based on alkyd resins and isocyanic adduct to mix before use.

General Uses

Product for general use, furniture, machines tools, coach work, industrial applications, plastics and concrete coatings¹, etc.

APPLICATION METHOD

Preparation of Surfaces

Ferrous surfaces. SA2 sandblasting or very careful mechanical cleaning followed by degreasing using thinners, then proceed with the application of the cycle.

Aluminium. Chromate or phosphorous chromate treatment or in alternative sanding procedure followed by degreasing using thinners.

Galvanized sheet. Delicate sanding followed by degreasing using thinners. On every surface a primer coat is necessary.

Kind of primers suggested: Acrylic Primers or Epoxy Primer.2I.3

The product can be applied on direct adhesion, but for outdoor applications, to guarantee a higher corrosion resistance is better to use the suggested primers.

Preparation of the product

	code	name	By	By Volume
By Component A	6H.3.K2(TINTED)	BINDER Extra PU Satin	100 parts	100 parts
Component B	0A.014	ACTIVATOR STANDARD	25 parts	33 parts
In alternative	0A.025	ACTIVATOR FOR INDOOR	25 parts	33 parts

Carefully mix until an even colour and consistency are obtained. Dilute with our polyurethane thinner OG.013 in a percent of 15% by weight 16% by volume to obtain a viscosity of 20"-22" Ford 4. For a temperature above 25°C it is suggested to use our slow thinner for polyurethane OG.030.

Application²

Spray gun: Nozzle of 1,4-1,7 mm diameter and 3-5 atm pressure.

Airless Brush: Only for small surfaces.

This information is based on our present knowledge and is intended to provide information about our products and their employment opportunities. They are not intended therefore to provide certain specific properties of the products or their fitness for specific application. We guarantee the quality of our product under our conditions of sale.

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Technical data

Product Type	Two pack product
Colors:	On request (6H.3.K1 has to be used in a ratio 70/30 with the tinting System)
Film Appearance³:	Semi-matt (30-40 gloss 60°).
Specific Weight (ISO 2811):	Component A: 1,30 kg/l (± 0,1)
Supply Viscosity:	24" Ford 8 at 25° C (± 2")
Solid Content:	A 65% (± 2%) (On the white version)
Drying at 20°C	Dust dry: 20-30 minutes Touch dry: 6-7 hours Total hardening: 24-36 hours Forced Drying: 40 at 60-80°C Maximum chemical resistance: After 7 days
Recommended coats:	One crossed coats.
Thickness⁴:	40-50 µm
Theoretic Yield⁵:	8 m ² /kg
Pot-Life at 20°C:	4 hours at temperature of 20° C. At higher temperatures, pot-life decreases.
Repainting:	Wet on wet. After the complete hardening of the film, it is better a light sanding before over coating.
Storage Stability:	One year for A component, 6 months for B component in closed packs, in a cool dry place. Away from sources of heat

¹ Given the variety of alloys and plastics on sale, we recommend carrying out a few preliminary adhesion tests

² Minimum temperature for the application: + 10°C.

³ With an high level of humidity the final gloss of the film could be lower

⁴ Considering a dry film. To avoid marking by pricks, it is suggested to respect the thickness suggested.

⁵ The theoretical yield has been calculated for the thickness suggested and over plane and regular surfaces.