

Name **BINDER 420 UHS ACRYLIC GLOSSY**
Definition: **Acryl-Polyurethane top coat**
Code: **5J.1.K1**

Category: **B**
V.O.C (ready to use): **420 g/l**
V.O.C limit 420 :
Product according to
2004/42/CE

NATURE OF THE PRODUCT

Topcoat based on acryl resin and isocyanic adduct to mix before use.

GENERAL USES

Car refinishing, industrial vehicles and vans. General high level aesthetic topcoats, when resistance features are requested.

APPLICATION METHOD

PREPARATION OF SURFACES

The cleaning of the application surface should be painstaking and it is the fundamental condition to obtain a positive result of the painting cycle.

- **Ferrous surfaces.** SA2 1/2 sandblasting or very careful mechanical abrasion followed by degreasing using thinners, then proceed with the application of a primer and then the top coat.
- **Galvanized sheet.** Carefull sanding (with scotch brite coarse grain) followed by degreasing using thinners. Then proceed with the application of a primer and then the top coat.
- **Aluminium.** Delicate sanding followed by degreasing using thinners. Then proceed with the application of a primer and then the top coat.

The product requires the application of a coat of 2l.3 epoxy primer or 6l.3 and 6l.4 acrylic series.

PREPARATION OF THE PRODUCT

	Code	Name	By weight	By volume
Comp.A	5J.1(TINTED)	Binder	100	100
Comp.B	OA.H10T	Hard.	25	25
Comp.B	OA.H60	Hard	50	50

Mix carefully until an even color and consistency are obtained, dilute with 5-20% of our 0G.060 extra acrylic thinner or 0G.055 medium or 0G.075 extra slow, in order to reach a final viscosity of 20 28" Ford 4.

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APPLICATION

Airmix: nozzles of 1,2-1,4 mm. diameter and 2-2.5 atm. pressure.
Roller or brush: Only for small surfaces.1

TECHNICAL DATA

PRODUCT TYPE: Two pack product.

FILM APPEARANCE
(ASTM D 523): Glossy (>90 gloss)

COLOURS: By request (the binder 5J.1.K1 has to be used in a ratio 70/30 with the solvent tinting system tinters).

SPECIFIC WEIGHT 1.02 kg/Liter+/-0.05

SUPPLY VISCOSITY : 95-100KU

SOLID ON VOLUME: 57 ±2%

SOLIDS CONTENT: 62±10%

DRYING AT 20°C: Dust free: 20-30'
Touch free:3 hours
Total hardening: 24 hours Forced hardening: 45' at 60°C Maximum chemical resistance: after 7 days.

RECOMMENDED: One half coat and then one crossed coat.
COATS

THICKNESS: 60-70 μm

THEORETIC YIELD: 8-10 m²/kg
POT-LIFE AT 20° C: 1,5 hours. At high temperatures, the pot-life decreases.

REPAINTING: After minimum 4-8 hours.After the complete hardening of the film, it is better a light sanding before overcoating.

STORAGE STABILITY :One year for A component, 6 months for B component. In closed packs, in a cool, dry place, away from any sources of heat.