

TECHNICAL DATA SHEET

Date of issue: 15/03/2007

Last updating: n° 05/06/2015



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Name: BASECOAT BC
Definition: Solvent base coat
Code: 47.3

Category: Base coat
V.O.C. ready to use: 800 g/l
Product outside the uses referred to
2004/42/CE

NATURE OF THE PRODUCT

One pack base coat binder fit for producing metallics base coats.

GENERAL USES

Car and truck refinishing, cycle and motorcycle coatings, furniture, ecc.

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.

The preparation of the surface depends on the kind of primer you mean to use. The product has always to be applied on a 2k primer like our acrylic primers Basic 2 (69.4.70133) and Basic 3 (69.2.90130) or our epoxy primer Epofix (series 29.3) or, for water base primer, the epoxy primer 29W5.R7035.

PREPARATION OF THE PRODUCT

Carefully mixing until an even colour and consistency are obtained; After mixing tinters and binder, in order to obtain a perfect dispersion, it is mandatory the use of mechanical stirrer for some minutes, but at low shear rate in a way to not damage the aluminium particles of the metallic pigments.

Dilute with 60-80% of our polyurethane thinner 07.093.

APPLICATION

Spray gun: nozzles of 1,4-1,6 mm. diameter and 3-5 atm. pressure.

After 15' and within 45' overcoat with 2K clear coats series 60.1 – 61.1

TECHNICAL DATA

PRODUCT TYPE: Monocomponent

APPEARANCE (ASTM D 523): Semimatt (50±10 gloss).

COLOURS: By request (the binder .47.3.K2 has to be used in a ratio 80/20 with the tintometric system tinters)

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

SUPPLY VISCOSITY(DIN 53211): 16" ± 4" Ford 8

SOLID ON VOLUME: 26 % (± 2%)

SOLIDS CONTENT: 25 % (± 2%)

DRYING AT 20°C - Dust dry: 3-5' - Touch dry: 5-10'

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- Total hardening :

15'

- Forced
drying¹

5' at 60°C

**RECOMMENDED
COATS:** Two or three

THICKNESS ²: 20-25 µm

THEORETIC YIELD ³: 12 m²/kg

ADHESION (ASTM D 3359): B=5 on surfaces treated like above reported

REPAINTING: After 15' and within 45' with our 2K acrylic clears - series 61.1-60.1

**STORAGE
STABILITY:** 6 months, stored in closed packs, in a cool, dry place, away from any sources of heat.

¹ Baking 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.