

One pack base coat metallic for car refinishes

1- Characteristic properties

EGCO Base Coat EG M10 is a one pack base coat metallic for which produces metallic effect finishes for passenger cars, commercial vehicles and equipment as well as for designs and special effect colours. The complete system is a two-coat system consisting of EGCO BASE EG M10 as the base coat then a clear coat " EG A70" is applied. The final finish is characterized by magnificent optical effort and high gloss.

2-Materials for application

EGCO	BASE	(EG	M10)
EGCO	Thinner	(EG	A76)
EGCO	Clearcoat	(EG	A70)
EGCO Hardener for clear coat (EG A75)			

3-Suitable substrate and surface preparation

-Existing finishes(except thermoplastic acrylic)

Degrease and dry flat with p400 sandpaper or wet flat with p1000 sandpaper.

-Other Kapci Priming products as

EGCO	filler	EG	A60	(two	component)
EGCO	filler	EG	N30	(one	component)

After wet flatting with p800 . p1000 sandpaper.

- Thermoplastic acrylic

Before application of EGCO BASE (EG A100) over thermoplastic acrylic one should apply either one of the following:
Two component filler EGCO EG A60 or
One component filler EG N30

4- Mixing ratio (by volume)

EGCO Base	EGCO Thinner
EG M10	EG A76
100	100

5- Special Technique and / or spot repairs

When making spot repairs use a working pressure of 1-1.5 bar to spray thin coats until achieving opacity. Allow the metallic coat to set matt finish. Next fade

7- Spraying conditions

Spray gun	Nozzle diameter	Working pressure
Gravity feed	1.2-1.5 mm	3-4 bar
Suction feed	1.4-1.6 mm	3-4 bar

8- Spraying Process

- First apply one single coat of EGCO Base EG M10 to the repair area. After a flash-off time of 5-10 minutes cover the area overall with a single wet coat. Depending on the hiding power of the color, apply 2 or 3 thin single coats allowing 5-10 minutes between coats.
- Recoat EGCO BASE EG M10 with 1-2 mist coats using a working pressure of 2 bar.
- After 20 minutes drying at 20 °C, the base coat can be sprayed with EGCO clear coat EGA70
- The base coat must not be left more than 2 hours before coating with clear coat.

N.B.:

Instruction for the application of EGCO clear coat EG A70 can be found in the technical data sheet for EG A70

9- Coverage rate

7-8 m²/l (for 3 single coats of paint as supplied).

10-Cleaning of equipment

First flush out the spray gun with a small amount of EGCO thinner EG A76, Next flush out with nitrocellulose thinner.

11- Packaging

1 liter and 3.75 liter.

12- Colour

Refer to EGCO BASE color card (Base coat metallic)

13- Shelf life

24 months at 20 °C

14- Material safety data

When using these products it is required to comply with the national regulations for health and safety.

15- Flash points and transport classification

Product	Flash	ADR
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out twice well extending beyond the edges. After 15 minutes drying at 20 °C the metallic base coat may be recoated with another layer. After 15-20 min drying at 20 °C apply a topcoat of EGCO clear coat EG A70

	point	transport code
EGCO BASE	21-55 °C	3-31 °C
EGCO THINNER	21 . 55 °C	3-31 °C

6-Spraying

viscosity

14-15 Sec. Ford Cup No. 4 at 20 °C.

Notes:

- The data on the label of the products must be considered.
- Storage and transportation should comply with the local laws.
- The information given in these data sheet is based upon our best knowledge and experience.

