

BESA-GLASS HS MATT

2K MATT CLEAR COAT

Edition: 022 2015/11

Cod: 7076400000.00000.022

APPLICATION

2K Matt clear coat for bi-coat systems in car refinishing. It stands out for its excellent resistance to scratches and fuel, easy application, good outdoor behavior and a smooth finish. It can be mixed with BESA-GLASS HS Anti-Scratch for obtaining the required gloss level, so that no matting agent is needed in our clear coat range.

PHYSICAL PROPERTIES

Density at 20°C (g/cc)	1.03 ± 0,01
Grinding Fineness (μ)	Without lumps
Supply viscosity at 20°C	100 - 120 sec. Ford nº 4
%Solids content (weigh / volume)	49 % ± 2 weight; 41 % ± 2 vol. (Mixture with hardener E-224)
V.O.C. (g/l)	516 (2004/42/CE) IIB (E) (840)
Type of product	PUR
Colour	Colourless

SURFACE PREPARATION

Apply directly on the base coat (both solvent or water based), at least 30 minutes after its application. It is very important to clean thoroughly the surface, because it is not possible to rectify after painting the clear.

When applied on water based basecoats it is very important to allow the complete evaporation of the water.

APPLICATION INSTRUCTIONS

Make sure the product is correctly mixed.

Apply two crossed coats with 10-15 minutes interval, letting the solvents evaporate.

REMARK: It can be used, in the same proportion, with E-225 (slow) and E-202 (fast).



E-224
2:1 vol.



3 h.



18-20 "
FORD nº 4



URKISOL
900 P or 8229
8-10 %
1,2 - 1,4 mm



40-50 my



10-15' between coats
(1)



3 h.
30' / 60°C



Middle Wave
20'

(1) Allow the complete evaporation of the solvent between coats before heating, so that the final gloss is smooth and regular.

FEATURES OF DRY FILM

Theoretical yield (m ² /l)	8 - 9 (50 my)
Gloss 60°-60°	10 - 15 %
Second layer	24 h.

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Different degrees of gloss can be obtained by mixing (in weight) with BESA-GLASS HS Anti-Scratch. The mixing ratio with the hardener stays 2:1.

It is very important to homogenize properly each product before mixing them, so that the result is the one shown on the following table. The recommended thickness is around 40 - 50 μ m. Higher or lower thickness or the use of other hardener instead of E-224 might modify the gloss percentages shown on the table.

BESA-GLASS HS MATT	90	85	80	70	60	40	20
BESA-GLASS HS ANTI SCRATCH	10	15	20	30	40	60	80
Gloss 60°-60°	20-30	30-40	50-60	70-80	80-85	85-90	95-100

If abrasive cleaners are used, the matt effect could be lost. The use of polish is not recommended.

STORAGE

Keep under cover in a cool and well-ventilated place avoiding direct sunlight. Temperatures between 5 and 30°C recommended. Can life: **2 years** from manufacturing in date its original unopened container. Consult our Technical Department once date has expired.