

BESA-GLASS UHS
UHS ACRYLIC CLEARCOAT
2 K

APPLICATION

BESA-GLASS UHS Ultra High Solids Clear Coat for Bi-Coat Systems. Stands out for its very high solids content of non volatile organic compounds at application viscosity, achieving more body, gloss and relief of the metallized effect than those achieved by using conventional products. BESA-GLASS UHS complies with environment legislation. Very good UV resistance. This product is used in Bi-Coat Systems for the Car Refinish.

PHYSICAL PROPERTIES

Density at 20°C (g/cc)	0,98 ± 0,01
Supply viscosity at 20°C	22 - 25 sec. Ford nº 4
%Solids content (weight / volume)	58 % ± 2 weight; 50 % ± 2 volume. (Mixture with hardener)
V.O.C. (g/l)	406 (Ready to use) - (2004/42/CE) IIB (D) (420)
Type of product	PUR
Colour	Colourless

SURFACE PREPARATION

Apply directly on the Metallized Basecoat (either solvent or water based) at least 30 minutes after the application of the basecoat.

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

APPLICATION INSTRUCTIONS

Apply two crossed coats, leaving 5 to 10 minutes between them in order to let thinners evaporate. E-244 and E-247 Hardeners only for spot repair.

For spot repair, the best results have been obtained using aerographical gravity spray guns with 1,2 mm nozzle. For a complete repair better use 1,3-1,4 mm.

When sanding and polishing, apply 3 coats.



E-245 slow
E-243 medium
E-244 fast
E-247 extra fast
2:1 vol.



1-1,5 h.
30' (E-244)
20-30' (E-247)



18-20"
FORD nº 4



URKISOL 8229
0 - 5 %
1,2 - 1,4 mm



50-60my



5-10' between coats
20' before oven



4h. 30'/60°C
E-243 E-245
2,5h. 20'/60°C
E-244
1,5h. 15'/60°C
E-247



Middle Wave
E-245 20'
E-243 20'
E-244 15'
E-247 10-15'



1 h IR/60°C
8 h 20°C
6 h (E-247, 20°C)

FEATURES OF DRY FILM

Theoretical yield (m ² /l)	9 - 10 (50 my)
Gloss 60°-60°	100 %
Second layer	24 h.

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.