

# TECHNICAL DATA SHEET

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BESA-GLASS UHS  
 UHS ACRYLIC CLEARCOAT  
 2 K

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## APPLICATION

BESA-GLASS UHS Ultra High Solids Acrylic 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	Acrylic
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.

E-245 slow	1-1,5 h.	18-20°	URKISOL 8229	50-60my	5-10' between coats
E-243 medium	30' (E-244)	FORD nº 4	0 - 5 %		20' before oven
E-244 fast	20-30' (E-247)		1,2 - 1,4 mm		
E-247 extra fast					
2:1 vol.					

4h. 30°/60°C	Middle Wave	1 h IR/60°C
E-243 E-245	E-245 20'	8 h 20°C
2,5h. 20°/60°C	E-243 20'	6 h (E-247, 20°C)
E-244	E-244 15'	
1,5h. 15°/60°C	E-247 10-15'	
E-247		

## FEATURES OF DRY FILM

Theoretical yield (m <sup>2</sup> /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.