



## TECHNICAL DATA SHEET No 229

# BODY 699 CLEAR HS SR 2:1

### GENERAL TECHNICAL DESCRIPTION

2K HS (High Solids) clear coat with high gloss retention, excellent leveling and fast hardening properties.

Suitable for spot panel and full automotive repairs.

High mechanical and chemical resistance.

Can be combined with 440 Texture Additive for the repair of PSA (Stellantis) cars with structured matt finishes.

### SURFACE

HB BODY solvent- and waterborne basecoat paints

### PRETREATMENT/CLEANING OF SUBSTRATE



Let the basecoat dry sufficiently before the clearcoat. Clean the surface from the dust with a tack cloth.

### PRODUCT APPLICATION:



Mix 2 parts CLEAR COAT with 1 part H754 FAST / H753 NORMAL / H752 SLOW HARDENERS FOR TOPCOATS  
Pot life: 4h / 23°C (73°F)



Addition 0 - 10% 740 NORMAL / 741 SLOW ACRYL THINNER/REDUCER



Ready to spray: 15 - 16 s  
DIN 4 / 20°C (68°F)



1.2 - 1.3 mm  
1.7 - 2.2 bar (25 - 32 psi)  
2x coats = 50 - 60 µm  
(2 - 2.4 mil)



8 - 12 min / 23°C (73°F)  
Flash off time between coats  
10 - 15 min / 23°C (73°F)  
Flash off time before drying



20 - 30 min / 60°C (140°F)  
panel temperature  
18 - 22 h / 23°C (73°F)



Short wave 8 - 12 min  
Distance: 60 - 70 cm

TEMP.	ORANGE PEEL TEXTURE 1-2 PARTS	LEVELING SURFACE 1-2 PARTS	PARTIAL REPAIR	FULL REPAIR
10-15°C (50-59°F)	H754 20 min / 60°C (140°F)	H754 +max 10% 740 20 min / 60°C (140°F) H753 +max 10% 740 30 min / 60°C (140°F)	H754 +max 10% 740/741 20 min / 60°C (140°F)	H753 +max 10% 740 30 min / 60°C (140°F)
15-25°C (59-77°F)		H754 +max 10% 740/741 20 min / 60°C (140°F) H753 +max 10% 740 30 min / 60°C (140°F)	H753 +max 10% 740 30 min / 60°C (140°F)	
25-30°C (77-86°F)	H754 +max 10% 740 20min / 60°C (140°F) H753 30 min / 60°C (140°F)	H754 +max 10% 740/741 20 min / 60°C (140°F) H753 +max 10% 740/741 30 min / 60°C (140°F)	H754 +max 10% 740/741 20 min / 60°C (140°F) H753 +max 10% 740/741 30 min / 60°C (140°F) H752 +max 10% 740/741 30 min / 60°C (140°F)	H753 +max 10% 740/741 30 min / 60°C (140°F) H752 +max 10% 740/741 30 min / 60°C (140°F)
>30°C (86°F)	H754 +max 10% 741 20 min / 60°C (140°F) H753 +max 10% 740/741 30 min / 60°C (140°F)	H754 +max 10% 741 20 min / 60°C (140°F) H753 +max 10% 740 30 min / 60°C (140°F)	H753 +max 10% 741 30 min / 60°C (140°F) H752 +max 10% 740 30 min / 60°C (140°F)	H752 +max 10% 741 30 min / 60°C (140°F)

**SPECIFIC GRAVITY**0.96 ± 0.01 g/cm<sup>3</sup>**SOLID CONTENT**

46 ± 2% Weight

**VOC (2004/42/EC)**

This is a special refinish product based on its ingredients and its properties. The maximum VOC content in this category is 840 g/L. The VOC content in the ready for use form of this product is 840 g/L. 2004/42/IIIB(e)(840)840

**CLEANING OF EQUIPMENT**

Clean after final use with 740 ACRYL NORMAL or 767 NITRO thinner / reducer

**REMARKS**

- Application only with the recommended hardeners and thinners / reducers.
- Do not use at temperatures below 15°C (59°F).

**STORAGE SHELF LIFE**

Guaranteed shelf life of 24 months in unused original containers stored in a cool place (5 - 25°C) (41 - 77°F).



Always wear protective equipment



Follow the application instructions mentioned in this TDS

**2K paint systems tend to react with water, hence all the equipment used must be moisture free. Isocyanates may cause skin sensitization. More specifically, care should be taken when handling the material. Anyone with a history of histaminic conditions, or respiratory problems should consult the doctor first.**

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