



TECHNICAL DATA SHEET No 229

## BODY 699 CLEAR HS SR 2:1

### GENERAL TECHNICAL DESCRIPTION

2K HS 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

### SURFACE

HB BODY Color Solutions Basecoat Mix System

HB BODY Color Solutions 2K Acrylic Mix System

HB BODY Color Solutions Aqua Basecoat Mix System

### PRETREATMENT/CLEANING OF SUBSTRATE



Clean substrate using a soft cloth and 770 ANTISIL NORMAL / 771 ANTISIL FAST DEGREASER.

Make sure the surface is first wiped dry and then air dried.

### PRODUCT APPLICATION:



Mix 2 parts CLEAR COAT with 1 part H 752 SLOW / H 753 NORMAL / H 754 FAST 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)



Compliant spray gun  
1.3 - 1.4 mm  
2 - 3 bar (29 - 44 psi)  
2x coats = 50 - 60 µm (2 - 2.4 mil)



1.2 - 1.3 mm  
2 bar (29 psi)  
2x coats = 50 - 60 µm (2 - 2.4 mil)



8 - 12 min / 23°C (73°F)  
Flash off time



14 - 18 hrs / 23°C (73°F)  
20 - 30 min / 60°C (140°F)  
panel temperature



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)	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)		
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)

**FLASH POINT**

27°C / 81°F

**SPECIFIC GRAVITY**0.96 g/cm<sup>3</sup>**SOLID CONTENT****(NO THINNER)**

46% Weight

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

This product 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/IIB(e) (840)840

**CLEANING OF EQUIPMENT**

Clean after final use with 740 ACRYL NORMAL thinner / reducer

**REMARKS**

- Allow for additional time for combi spray booths to reach the desired temperature
- Application only with the recommended hardeners and solvents

**STORAGE SHELF LIFE**

- Store in a cool place +5°C - +25°C (+40 - +77°F) and use within 12 months for best results. Guaranteed shelf life of 24 months in unused original containers



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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