

# BODY 691 CLEAR 2:1 UHS SR

Technical Data Sheet No 218



High solid clear coat suitable for full body repairs or spot panel repairs

Great gloss retaining

Excellent mechanical and high chemical resistance

Excellent physical properties

## General Technical Description



Mix 2 parts 691 UHS SR with 1 part H 752 SLOW / H 753 NORMAL / H 754 FAST HARDENERS FOR TOPCOATS



Thinner addition 20% BODY 740 NORMAL / 741 ACRYLIC SLOW THINNER / REDUCER



25 - 30 min / 60°C (140°F) panel temperature



10-15 min distance: 60 - 70cm

## 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.



Make sure you always use appropriate face protection and good ventilation

**Product Application:** 2 coats. Apply one coat, and after flash off time apply the second full coat\*



2:1 mix with H 752 SLOW / H 753 NORMAL / H 754 FAST HARDENERS FOR TOPCOATS  
Pot life: 6h - 10h 23°C (73°F)



10-15 min / 23°C (73°F)  
Flash off time



Addition 20% of thinner. Use 740 ACRYL NORMAL or 741 ACRYL SLOW THINNER



16-20h / 23°C (73°F)  
25-30 min / 60°C (140°F)  
panel temperature



Ready to spray:  
16-17 s  
DIN 4 / 20°C (68°F)



Short wave 10 - 15 min  
distance: 60 - 70cm



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



Always wear protective equipment



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



Follow the application instructions mentioned in this TDS

**Flash Point:**  
29°C / 84°F

**Specific Gravity:**  
0.988 g/cm<sup>3</sup>

**Solid Content (No thinner):**  
51% 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 520 g/L. 2004/42/IIB(e)(840) 520

## Theoretical Coverage:

8 - 9m<sup>2</sup> / l at 50 micron (2mil) dry film thickness

## 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 H 752 SLOW / H 754 FAST / H 753 NORMAL HARDENERS FOR TOPCOATS
- It can also be used by countries that do not adopt the VOC legislation

## Storage shelf life:

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

Temperature	Partial repair	Full repair
<15°C <(59°F)	H 754+10-20%740	—
15-20°C (59 - 68°F)	H 754+10-20%740 H 753+10-20%740	H 754+20%741
20-25°C (68 - 77°F)	H 754+10-20%740 H 753+10-20%740	H 754+20%741 H 753+20%740
25-30°C (77 - 86°F)	H 754+10-20%740 H 754+10-20%741 H 753+10-20%740 H 753+10-20%740	H 754+20%741 H 753+20%740 H 753+20%741
>30°C >(86°F)	H 753+10-20%740 H 752+20%740	H 753+20%741 H 752+20%740 H 752+20%741

**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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