



TECHNICAL DATA SHEET No 218

BODY 691 CLEAR UHS SR 2:1

GENERAL TECHNICAL DESCRIPTION

Ultra high solid clear coat suitable for full body, partial or spot panel repairs
Great gloss retaining
High mechanical and chemical resistance
Excellent leveling

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: > 6 h / 23°C (73°F)



Addition 10 - 20% 740 NORMAL / 741 SLOW ACRYL THINNER / REDUCER



Ready to spray: 16 - 17 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)



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



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



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

TEMPERATURE	PARTIAL REPAIR	FULL REPAIR
10-15°C (50-59°F)	H754 +10-20% 740	-
15-20°C (59-68°F)	H754 +10-20% 740 H753 +10-20% 740	H753 +10-20% 740
20-25°C (68-77°F)	H754 +10-20% 740 H753 +10-20% 740	H753 +10-20% 740
25-30°C (77-86°F)	H754 +10-20% 740 H754 +10-20% 741 H753 +10-20% 740 H752 +10-20% 740	H753 +10-20% 740 H753 +10-20% 741 H752 +10-20% 740
>30°C (86°F)	H753 +10-20% 740 H752 +10-20% 740	H752 +10-20% 740 H752 +10-20% 741

FLASH POINT

29°C / 84°F

SPECIFIC GRAVITY0.98 g/cm³**SOLID CONTENT****(NO THINNER)**

52% 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/IIIB(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
- Do not use at temperatures below 10°C (50°F)

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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