

BODY PROLINE 697 2:1 HS SR CLEAR COAT

Technical Data Sheet No 217



VOC compliant with the regulations

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

Excellent mechanical and high chemical resistance

Excellent physical properties

General Technical Description



Mix 2 parts 697 HS SR with 1 part HARDENER 620 / H 752 SLOW / H 753 NORMAL / H 754 FAST HARDENERS



Thinner addition 0-10% 740 NORMAL / 741 SLOW ACRYL THINNER



Oven force drying 20-30 min / 60 - 65°C (140°F - 149°F) panel temperature



IR drying 8 - 10 min distance: 60 - 70cm

Surface

Body Basecoat

2K COLOR SOLUTIONS mix system

Aqua Body Waterbone mix system

Pretreatment / Cleaning of substrate



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

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 passes

»» Apply one coat, and after the 10 min flash off time apply the second full coat.



2:1 mix with BODY 620 / H 754 FAST HARDENERS
Pot life: > 4h / 23°C (73°F)
H 753 NORMAL / H 752 SLOW HARDENERS
Pot life: > 7h 23°C (73°F)



10 min / 23°C (73°F)
Final flash off time

Flash Point:
24°C / 75°F

Specific Gravity:
0.955 g/cm³

Remarks:

- Allow for additional time for combi spray booths to reach the desired temperature
- Application only with the recommended hardeners and solvents
- It can also be used by countries that do not adopt the VOC legislation
- Do not use at temperatures below 15°C (59°F).



Addition 0-10% of thinner. Use 740 NORMAL / 741 SLOW ACRYL THINNERS



Non force dry 8 - 14 hrs / 23°C (73°F)
20-30 min / 60°C (140°F) panel temperature

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 580 g/L. 2004/42/IIB(e)(840) 580

Storage Shelf life:

- Store in a cool place +5°C - +25°C (+41°F - +77°F) and use within 12 months for best results. Guaranteed shelf life of 24 months in unused original containers.



Ready to spray:
14-16 s
DIN 4 / 20°C (68°F)



Short wave 8-10 min distance: 60 - 70cm

Theoretical Coverage:

7 - 8m² / l at 50micron (2mil) dry film



Compliant Spray gun
1.3 - 1.5 mm
2-3 bar (29 - 44 psi) inlet pressure
2x coats = 50 - 60µm (2 - 2.40mil)



Always wear protective equipment

Cleaning of equipment:

Clean after final use with Body 740 ACRYL NORMAL



HVLP 1.2 - 1.3mm
2 bar (29 psi) inlet pressure
2x coats = 50 - 60µm (2 - 2.40mil)



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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