

BODY 699 SR CLEAR HS 2:1



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 2:1 with BODY 722 HARDENER FAST or BODY 720 NORMAL HARDENER

Thinner addition 0- 15% BODY 740 ACRYLIC THINNER or BODY 741 SLOW ACRYLIC THINNER

Oven force drying
15-20 min / 60-65°C
panel temperature



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

Surface

Body Basecoat

Body 2K Autoemail acrylic paint

Pretreatment / Cleaning of substrate



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

Make sure the surface is air dried rather than wiped dry



Make sure you always use appropriate face protection and good ventilation

Product Application: 2 passes »» Apply one hand, and after the 10 min flash off time apply the second full hand.



2:1 mix with BODY 722 HARDENER FAST
Pot life: 4h 23°C (73°F)



8 - 12 min / 20-23°C
Final flash off time



Addition 0-15% of thinner. Use BODY 740 NORMAL ACRYLIC THINNER or BODY 741 SLOW ACRYLIC THINNER



Dust free:30 mins
Ready for assembly:
6-7hrs @ 23°C (73°F)
Non Force dry
8-10h / 23°C (73°F)
Forced dry:
15 - 20 min / 60°C
panel temperature



Ready to spray:
15-16s
Cup 4 / 23°C (73°F)
DIN 53211



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



Compliant Spray gun
1.3 – 1.5 mm
3-4 bar inlet pressure
2x coats = 50-60micron



Always wear protective equipment



HVLP 1.2 - 1.3 mm
2 bar atomization pressure
2x coats = 50-60micron



Follow the application instructions mentioned in this TDS

Flash Point:
27°C / 81°F

Specific Gravity:
0.96 g/cm³

Solid Content (No thinner):
47% 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 560 g/L.
2004/42/IIB(e)(840)560

Theoretical Coverage:
7 - 8m² / l at 50micron dry film thickness

Cleaning of equipment:
Clean after final use with Body 740 ACRYL NORMAL

Remarks:

- Allow for additional time for combi spray booths to reach the desired temperature
- Application only with BODY 620 / BODY 720 HARDENERS
- It can only be used by countries that do not adopt the VOC legislation
- Guaranteed shelf life of 24 months in unused original containers

Temperature	Orange peel texture 1-2 parts	Leveling surface 1-2 parts	Partial Repair
<15°C	722 15min / 60 °C	722+ max 15% 740 15 min / 60 °C	722 + max 15% 740 / 741 15 min / 60 °C
15-25°C	722 15min / 60 °C	722+ max 15% 740 15-20 min / 60 °C	722+ max 15% 741 15-20 min / 60 °C
25-35°C	722 15min / 60 °C	722 + max 15% 740 / 741 15-20 min / 60 °C	722+ max 15% 741 15-20 min / 60 °C
>35°C	722+ max 15% 741 15-20 min / 60 °C	722+ max 15% 741 15-20 min / 60 °C	

* The specified temperatures are based on theoretical calculations only and does not mean that this combination cannot be used out of this range.

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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distance: 60 - 70cm

Surface

Body Basecoat

Body 2K Autoemail acrylic paint

Pretreatment / Cleaning of substrate



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

Make sure the surface is air dried rather than wiped dry



Make sure you always use appropriate face protection and good ventilation

Product Application: 2 passes »» Apply one hand, and after the 10 min flash off time apply the second full hand.



2:1 mix with BODY 720 NORMAL HARDENER
Pot life: >7h 23°C (73°F)



8 - 12 min / 20-23°C
Final flash off time

Flash Point:
27°C / 81°F

Specific Gravity:
0.96 g/cm³

Cleaning of equipment:
Clean after final use with Body 740 ACRYL NORMAL



Addition 0-15% of thinner. Use BODY 740 NORMAL ACRYLIC THINNER or BODY 741 SLOW ACRYLIC THINNER



Dust free: 40 mins
Ready for assembly:
7 - 8hrs @ 23°C (73°F)
Non force dry
9 - 11h / 23°C (73°F)
Forced dry:
15 - 20 min / 60°C
panel temperature

Solid Content (No thinner):
44% 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 560 g/L.
2004/42/IIB(e)(840)560

Remarks:

- Allow for additional time for combi spray booths to reach the desired temperature
- Application only with BODY 620 / BODY 720 HARDENERS
- It can only be used by countries that do not adopt the VOC legislation
- Guaranteed shelf life of 24 months in unused original containers



Ready to spray:
15-16s
Cup 4 / 23°C (73°F)
DIN 53211



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

Theoretical Coverage:
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2x coats = 50-60micron



Always wear protective equipment



HVLP 1.2 - 1.3 mm
2 bar atomization pressure
2x coats = 50-60micron



Follow the application instructions mentioned in this TDS

Temperature	Orange peel texture 1-2 parts	Leveling surface 1-2 parts	Partial Repair	Full repair
<15°C				720 + max 15% 740 20 min / 60 °C
15-25°C		720+ max 15% 740 15-20 min / 60 °C	720+ max 15% 741 15-20 min / 60 °C	720 + max 15% 740 / 741 20 min / 60 °C
25-35°C		720 + max 15% 740 / 741 15-20 min / 60 °C	720+ max 15% 741 15-20 min / 60 °C	720+ max 15% 741 20 min / 60 °C
>35°C	720+ max 15% 741 15-20 min / 60 °C	722+ max 15% 741 15-20 min / 60 °C	720+ max 15% 741 20 min / 60 °C	721+ max 15% 741 30 min / 60 °C

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