

BODY 495 EXPRESS RAPID CLEAR COAT SR

Technical Data Sheet No 211



VOC compliant with the regulations

Special clear coat used for improved scratch resistant properties

Increase in gloss retaining

Excellent mechanical and extremely high chemical resistance

Fast drying

General Technical Description



Mix 4:1 with BODY 720 NORMAL HARDENER
Thinner addition 0-10% BODY 740 ACRYLIC THINNER NORMAL

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



IR drying 5-7 min distance 60-70 cm

Surface

Body Basecoat

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 air dried rather than wiped dry



Make sure you always use appropriate face protection and good ventilation

Product Application: 2 passes »» Apply one coat, and after the 5 min flash off time apply the second full coat.



4:1 mix with BODY 720 NORMAL HARDENER
Pot life: 4-5h 23°C



5-7 min / 23°C
Final flash off time

Flash Point:
14°C / 57°F

Specific Gravity:
0.95 g/cm³

Remarks:
• Allow for additional time for combi spray booths to reach the desired temperature



Addition 0-10% of thinner
Use BODY 740 NORMAL ACRYLIC THINNER



Non force dry – 3h / 22-25°C
15 min / 60-65°C panel temperature

Solid Content (No thinner):
39% Weight

VOC (2001/42/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 530 g/L. 2004/42/IIB(e)(840)530

• Application only with BODY 720 HARDENER NORMAL
• It can be used by countries that do not adopt the VOC legislation as well



Ready to spray:
16-18 s
Cup 4 / 23°C - DIN 53211 / 23°C



Short wave 5 – 7 min distance 60-70 cm

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



Compliant Spray gun
1.3 – 1.5 mm
3-4 bar inlet pressure
2x coats = 40- 50 micron



Always wear protective equipment

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



HVLP 1.2 – 1.4 mm
2 bar atomization pressure
2x coats = 40-50 micron



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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Special clear coat used for improved scratch resistant properties

Increase in gloss retaining

Excellent mechanical and extremely high chemical resistance

Fast air drying 2K Clear Coat

General Technical Description



Mix 4:1 with BODY 727 POLAR HARDENER
Addition of BODY 715 TURBO AX ACCELERATOR

Dust Free: 5 mins /23°C

Ready for assembly: 40 mins/23°C

Ready for polishing:
60 mins/23°C

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



IR drying 5-7 min
distance: 60 - 70 cm

Surface

Body Basecoat

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 air dried rather than wiped dry



Make sure you always use appropriate face protection and good ventilation

Product Application: 2 passes »» Apply one coat, and after the 5 min flash off time apply the second full coat. *



4:1 mix with BODY 727 POLAR HARDENER
Pot life: 2-3 hrs 23°C



2-5 min / 23°C
Final flash off time*

Flash Point:
14°C / 57°F

Remarks:
• Allow for additional time for combi spray booths to reach the desired temperature



In 2 cups of 250 ml of mixed product add BODY 715 TURBO AX ACCELERATOR



Dust Free:
5 mins /23°C
Ready for assembly:
40 mins/23°C
Ready for polishing:
60 mins/23°C
10 min/60-65°C panel temperature

Specific Gravity:
0.95 g/cm³

Solid Content (No thinner):
39% Weight

• It can be used by countries that do not adopt the VOC legislation as well



Ready to spray:
18-21 s
Cup 4/23°C
DIN 53211 /23°C



Short wave 5 – 7 min
distance 60 - 70 cm

VOC (2001/42/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 530 g/L. 2004/42/IIB(e)(840)530



Compliant Spray gun
1.3 – 1.5 mm
3-4 bar inlet pressure
2x coats = 40-50 micron



Always wear protective equipment

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

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



HVLP 1.2 – 1.4 mm
2 bar atomization pressure
2x coats = 40-50 micron



Follow the application instructions mentioned in this TDS

*Flash off time between coats is relative to the temperature of application. The higher the temperature the shorter the flash off time between coats

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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