

BODY 495 EXPRESS RAPID 4:1 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 parts 495 EXPRESS RAPID SR with 1 part BODY 720 NORMAL HARDENER



Thinner addition 0-10% BODY 740 ACRYLIC THINNER NORMAL



Oven force drying 10 min / 60°C (140°F) panel temperature



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

Surface

Body Basecoat

Aqua Body Waterborne 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 (73°F)



5 min / 23°C
Flash off time
40-50µm
Dust-touch free
5min / 23 °C

Flash Point:
14°C / 57°F

Specific Gravity:
0.950 g/cm³

Remarks:

- Allow for additional time for combi spray booths to reach the desired temperature
- Application only with BODY 720 HARDENER NORMAL
- It can also be used by countries that do not adopt the VOC legislation



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



Non force dry
1h / 23°C
10 min / 60°C (140°F)
90 min / 23 °C
Ready for polishing

Solid Content (No thinner):
39% 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 530 g/L. 2004/42/IIB(e)(840) 530

Storage shelf life:

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



Ready to spray:
16-18 s
DIN 4 / 20°C (68°F)



Short wave 5 - 7 min distance: 60 - 70cm

Theoretical Coverage:

7 m² / l at 50 micron dry film thickness



Compliant Spray gun
1.3 - 1.4mm
3 - 4 bar inlet pressure
2x coats = 40-50µm



Always wear protective equipment

Cleaning of equipment:

Clean after final use with Body 740 ACRYL NORMAL



HVLP 1.2 - 1.3 mm
2 bar inlet pressure



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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Issue 3/2015, November 2015

BODY 495 EXPRESS RAPID 4:1 SR

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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 parts 495 EXPRESS RAPID SR with 1 part BODY 727 POLAR HARDENER. Addition of BODY 715 TURBO AX ACCELERATOR



Dust Free: 5min/23°C
Ready for assembly: 40mins/23°C
Ready for polishing: 90mins/23°C



Oven force drying
10 min / 60°C (140°F)
panel temperature



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

Surface

Body Basecoat

Aqua Body Waterborne 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: 2-3h 23°C (73°F)



5 min / 23°C
Flash off time
40-50µm
Dust-touch free
5min / 23°C

Flash Point:
14°C / 57°F

Specific Gravity:
0.950 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



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



Non force dry
40 min / 23°C
Ready for polishing:
60 mins/23°C
10 min/60°C panel temperature

Solid Content (No thinner):
39% 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 530 g/L. 2004/42/IIB(e)(840) 530

Storage shelf life:

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



Ready to spray:
16-18 s
DIN 4 / 20°C (68°F)



Short wave 5 - 7 min
distance: 60 - 70cm

Theoretical Coverage:

7 m² / l at 50 micron dry film thickness



Compliant Spray gun
1.3 - 1.4mm
3 - 4 bar inlet pressure
2x coats = 40-50µm



Always wear protective equipment

Cleaning of equipment:

Clean after final use with Body 740 ACRYL NORMAL



HVLP 1.2 - 1.3 mm
2 bar inlet pressure



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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Issue 3/2015, November 2015