



# BODY US 495 EXPRESS RAPID CLEAR COAT SR

## Technical Data Sheet

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  
(140-149°F)  
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 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 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)



5-7 min / 23°C (73°F)  
Final flash off time

**Flash Point:**  
14°C / 57°F

**Specific Gravity:**  
0.95 g/cm<sup>3</sup>

**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 (71 - 77°F)  
5 min / 60-65°C  
(140-149°F) 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

• 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 (73°F) - DIN  
53211 / 20°C (68 °F)



Short wave 5 – 7 min  
distance 60-70 cm

**Theoretical Coverage:**  
7 m<sup>2</sup> / l at 50micron (2 mil) dry  
film thickness

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



Compliant Spray gun  
1.3 – 1.5 mm  
3-4 bar (29-44psi) inlet  
pressure  
2x coats = 40- 50 micron  
(1.6- 2.0 mil)



Always wear  
protective equipment



HVLP 1.2 – 1.4 mm  
2 bar (29 psi)  
atomization pressure  
2x coats = 40-50 micron  
(1.6- 2mil)



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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# BODY US 495 EXPRESS RAPID CLEAR COAT SR

## Technical Data Sheet

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 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 (73°F)  
Ready for assembly: 40 mins/23°C (73°F)  
Ready for polishing: 60 mins/23°C (73°F)  
Oven force drying  
10 min / 60-65°C (140-149°F)  
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 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 5 min flash off time apply the second full coat. \*



4:1 mix with BODY 727 POLAR HARDENER  
Pot life: 4-5h 23°C (73°F)



2-5 min / 23°C (73°F)  
Final flash off time\*

**Flash Point:**  
14°C / 57°F

**Specific Gravity:**  
0.95 g/cm<sup>3</sup>

**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 (73°F)  
Ready for assembly:  
40 mins/23°C (73°F)  
Ready for polishing:  
60 mins/23°C (73°F)  
10 min/60-65°C  
(140-149°F) panel temperature

**Solid Content (No thinner):**  
39% Weight

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

**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



Ready to spray:  
18-21 s  
Cup 4/23°C (68°F)  
DIN 53211 /20°C (68°F)



Short wave 5 – 7 min  
distance 60 - 70 cm

**Theoretical Coverage:**  
7 m<sup>2</sup> / l at 50micron (2 mil) dry film thickness



Compliant Spray gun  
1.3 – 1.5 mm  
2-3 bar (29-44psi)  
inlet pressure  
2x coats = 40-50 micron  
(1.6- 2mil)



Always wear protective equipment

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



HVLP 1.2 – 1.4 mm  
2 bar(29psi)atomization pressure  
2x coats = 40-50 micron  
(1.57 - 2.0mil)



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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