

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



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

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

NORMAL

General Technical



IR drying 5-7 min distance 60-70 cm

5-7 min / 23°C

Non force dry -

15 min/60-65°C panel

Short wave 5 – 7 min

distance 60-70 cm

3h /22-25°C

temperature

Alwavs wear

Final flash off time

Surface

Body Basecoat

Flash Point:

14°C / 57°F

39% Weight

thickness

VOC (2001/42/EC)

Specific Gravity: 0.95 g/cm³

Solid Content (No thinner):

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

form of this product is 530 g/L.

content in the ready for use

2004/42/IIB(e)(840)530 **Theoretical Coverage:** 7 m²/l at 50micron dry film

Cleaning of equipment:

Clean after final use with

Body 740 ACRYL NORMAL

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



Remarks:

lation as well

Make sure you always use appropriate face protection and good ventilation

• Allow for additional time for

• Application only with BODY 720 HARDENER NORMAL

• It can be used by countries

that do not adopt the VOC legis-

desired temperature

combi spray booths to reach the

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



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



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



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

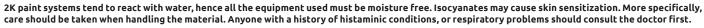


HVLP 1.2 – 1.4 mm 2 bar atomization pressure 2x coats = 40-50 micron



Follow the application instructions mentioned in this TDS

protective equipment



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Issue 1/2013, October 2013





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Increase in gloss retaining

Excellent mechanical and extremely high chemical resistance

Fast air drying 2K Clear Coat



Description Mix 4:1 with BODY 727 POLAR HARDENER

General Technical

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



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** HARDFNFR Pot life: 2-3 hrs 23°C



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



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



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



Alwavs wear protective equipment



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



in this TDS

Follow the application instructions mentioned

*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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T27	495sR SCRATCH RESISTANT V.O.C. CONFLINAT 2K Clear 495/10001
	and the second s



2-5 min / 23°C Final flash off time*

Dust Free:

5 mins /23°C

40 mins/23°C

60 mins/23°C

temperature

Ready for assembly:

Ready for polishing:

10 min/60-65°C panel

Short wave 5 – 7 min

distance 60 - 70 cm

Flash Point: 14°C/57°F

Specific Gravity: 0.95 g/cm³

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

Theoretical Coverage:

 $7\ m^2$ / 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

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