



# BODY AUTOCLEAR 497 HS 2:1 SR

Technical Data Sheet No 214

High solid clear coat suitable for full body repairs or spot panel repairs

Special clear coat used for improved scratch resistant properties (e.g car wash)

Excellent mechanical and high chemical resistance

Excellent physical properties

Scratch resistant

## General Technical Description



Mix 2:1 with BODY 722 FAST or 720 NORMAL or 721 SLOW HARDENERS

Thinner addition 0-10% BODY 740 NORMAL / 741 SLOW ACRYLIC THINNERS

Oven force drying – 20-30 min / 60-65°C panel temperature



IR drying 8-10 min distance 60 - 70cm

## Surface

Body Basecoat

Body 2K Autoemail acrylic paint

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 hand, and after the 10 min flash off time apply the second full hand.



2:1 mix with BODY 722 FAST or 720 NORMAL or 721 SLOW HARDENERS  
Pot life: >6h / 23°C



10 min / 20-23°C  
Final flash off time

**Flash Point:**  
11°C / 52°F

**Specific Gravity:**  
0.950 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 / 741 SLOW ACRYLIC THINNER



Non force dry – 10-16h / 22-25°C  
20-30 min / 60-65°C panel temperature

**Solid Content (No thinner):**  
44% Weight

- Application only with BODY 722 FAST or 720 NORMAL or 721 SLOW HARDENERS



Ready to spray:  
14-15 s  
Cup 4 / 23°C  
DIN 53211 @ 23°C



Short wave 8-10 min  
distance 60 - 70cm

**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 550 g/L. 2004/42/IIB(e)(840)550

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

- Guaranteed shelf life of 24 months in unused original containers



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



Always wear protective equipment

**Theoretical Coverage:**  
7-8m<sup>2</sup> / l at 60micron dry film thickness

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



HVLP 1.3 - 1.4mm  
2 bar atomization pressure  
2x coats = 50-60 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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