

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

Addition 0-10% of

/ 741 SLOW ACRYL

Ready to spray:

DIN 53211 @ 23°C

Use BODY 740 NORMAL

thinner

THINNER

14-15 s

micron

Cup 4/23°C

1.3 - 1.5 mm

2x coats = 50-60



Final flash off time

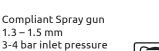
10 min / 20-23°C



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

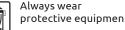


Short wave 8-10 min distance 60 - 70cm



Always wear protective equipment







Flash Point: 11°C / 52°F

Specific Gravity: 0.950 g/cm3

Solid Content (No thinner): 44% 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 550 g/L. 2004/42/IIB(e)(840)550

Theoretical Coverage: 7-8m² / l at 60micron dry film

thickness Cleaning of equipment: Clean after final use with Body

740 ACRYL NORMAL

- · Allow for additional time for combi spray booths to reach the desired temperature
- Application only with BODY 722 FAST or 720 NORMAL or 721 SLOW HARDENERS
- 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



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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