

C 499 CLEAR HS SR 2:1

Technical Data Sheet No 205



Both chemical and weather - fast curing clear

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

Excellent fast finish giving high gloss

Excellent mechanical and high chemical resistance

Excellent physical properties

Scratch Resistant

General Technical Description



Mix 2 parts C 499 SR with 1 part H 754 FAST/ H 753 NORMAL / H 752 SLOW HARDENERS



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



Oven force drying 15-30 min / 60°C (140°F) panel temperature



IR drying 8-15 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 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 10 - 12 min flash off time apply the second full coat.



2:1 mix with H 754 FAST or H 753 NORMAL or H 752 SLOW HARDENER
Pot life: 5 - 10h 23°C (73°F)



10-12min / 23°C (73°F)
Final flash off time

Flash Point:
24°C / 75°F

Specific Gravity:
0.99 g/cm³

Remarks:

- Allow for additional time for combi spray booths to reach the desired temperature
- Application only with BODY 753 NORMAL HARDENER or BODY 754 FAST HARDENER.
- It can also be used by countries that do not adopt the VOC legislation



Addition 0-10% of thinner. Use 740 NORMAL or 741 SLOW ACRYLIC THINNER



Non force dry 14 - 18hrs / 23°C (73°F)
15 - 30 min / 60°C (140°F) panel temperature

Solid Content (No thinner):
50% 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 603 g/L. 2004/42/IIB(e)(840) 603

Storage Shelf life:

- Store in a cool place +5°C - +25°C (+41°F - +77°F) and use within 12 months for best results. Guaranteed shelf life of 24 months in unused original containers.



Ready to spray: 15-16 s
DIN 4 / 20°C (68°F)



Short wave 8 - 15 min distance: 60 - 70cm

Theoretical Coverage:

7 - 8m² / l at 50 micron dry film thickness

Cleaning of equipment:

Clean after final use with Body 740 ACRYL NORMAL



Compliant Spray gun 1.3 - 1.4mm
2 - 3 bar (29 - 44psi) inlet pressure
2x coats = 50 - 60µm (2 - 2.40mil)



Always wear protective equipment



HVLP 1.2 - 1.3 mm
2 bar (29psi) 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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