

C 499 CLEAR HS SR 2:1

Technical Data Sheet No 205



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

Both chemical and weather - fast curing clear

Scratch Resistant

General Technical Description



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



Thinner addition 0-10% 740 ACRYL NORMAL / 741 ACRYL SLOW THINNER / REDUCER



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



8-15 min distance: 60 - 70 cm

Surface

• HB BODY Color Solutions Basecoat Mix System

• HB BODY Color Solutions 2K Acrylic Mix System

• HB BODY Color Solutions Aqua Basecoat Mix System

Pretreatment / Cleaning of substrate



Clean substrate using a soft cloth and 770 ANTISIL NORMAL / 771 ANTISIL FAST DEGREASER

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 coats. Apply one coat, and after flash off time apply the second full coat.



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



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

Flash Point:
24°C / 75°F



Addition 0-10% of thinner. Use 740 ACRYL NORMAL / 741 ACRYL SLOW THINNER / REDUCER



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

Specific Gravity:
0.99 g/cm³

Solid Content (No thinner):
50% Weight



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



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

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

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

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.



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

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



HVLP 1.2 - 1.3 mm
2 bar (29psi) inlet pressure
2x coats = 50 - 60µm (2 - 2.40mil)



Follow the application instructions mentioned in this TDS

Cleaning of equipment:

Clean after final use with 740 ACRYL NORMAL THINNER / REDUCER

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.

For professional use only. The information displayed on this sheet has been carefully selected through a series of laboratory investigations. It is based on our best knowledge at the time of issue. The data is given for information purposes only. We are not liable for its correctness, accuracy and completeness. It is up to the user to check for newer updates or further information if needed for his intended purpose. The intellectual property of this product, trademarks and copyrights is protected. All rights reserved. The relevant Material Safety Data Sheet and warnings displayed on the label must be read carefully. We may modify and / or discontinue operation of all or portions of this information at any time in our sole discretion, without any notice and assume no responsibility to update the information. All rules set forth in this clause shall apply accordingly for any future changes and amendments.

Issue 10 / 2019, October 2019