

C 496 CLEAR HS SR 2:1

Technical Data Sheet No 201



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

Extremely high gloss clear coat

Excellent mechanical and high chemical resistance

Excellent physical properties

General Technical Description



Mix 2 parts C 496 CLEAR HS SR with 1 part **BODY HARDENERS**



Thinner addition 0-10%
HB BODY THINNERS



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.*
For temperature range: 20-30°C (68-86°F)*



2:1 mix with **H 753 NORMAL HARDENER**
Pot life: >4-6h 23°C (73°F)



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

Flash Point:
27°C / 81°F

Specific Gravity:
0.980 g/cm³

Remarks:

- Allow for additional time for combi spray booths to reach the desired temperature
- Application only with **H 753 NORMAL / H 754 FAST / H 752 SLOW HARDENERS**
- It can also be used by countries that do not adopt the VOC legislation



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



Non force dry
16 - 17h / 23°C (73°F)
30 min / 60°C (140°F)
panel temperature

Solid Content (No thinner):
49% 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 560 g/L. 2004/42/IB(e)(840) 560

Storage shelf life:

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



Ready to spray:
14-15 s
DIN 4 / 20°C (68°F)



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

Theoretical Coverage:

7 - 8m² / l at 50 micron (2mil) dry film thickness

Cleaning of equipment:

Clean after final use with Body 740 ACRYL NORMAL



Compliant Spray gun
1.3 - 1.5mm
2 - 3 bar (29-44 psi) inlet pressure
2x coats = 50-60µm (2-2.4mil)



Always wear protective equipment



HVLP 1.2 - 1.3 mm
2 bar (29 psi) atomization pressure



Follow the application instructions mentioned in this TDS

* The specified temperatures are based on theoretical calculations only and does not mean that this combination cannot be used out of this range.

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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Thinner addition 0-10%
HB BODY THINNERS



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.*
For temperature range: higher than 30°C (86°F)*



2:1 mix with **H 752 SLOW HARDENER**
Pot life: >4-6h 23°C (73°F)



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

Flash Point:
27°C / 81°F

Specific Gravity:
0.982 g/cm³

Remarks:

- Allow for additional time for combi spray booths to reach the desired temperature
- Application only with **H 753 NORMAL / H 754 FAST / H 752 SLOW HARDENERS**
- It can also be used by countries that do not adopt the VOC legislation



Addition 0-10% of thinner. Use BODY 741 SLOW ACRYLIC THINNER



Non force dry
17 - 18h / 23°C (73°F)
30 min / 60°C (140°F)
panel temperature

Solid Content (No thinner):
49.3% Weight

VOC (2004/42/EC)

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Storage shelf life:

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



Ready to spray:
14-15 s
DIN 4 / 20°C (68°F)



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

Theoretical Coverage:

7 - 8m² / l at 50 micron (2mil) dry film thickness

Cleaning of equipment:

Clean after final use with Body 740 ACRYL NORMAL



Compliant Spray gun
1.3 - 1.5mm
2 - 3 bar (29-44 psi) inlet pressure
2x coats = 50-60µm (2-2.4mil)



Always wear protective equipment



HVLP 1.2 - 1.3 mm
2 bar (29 psi) atomization pressure



Follow the application instructions mentioned in this TDS

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Thinner addition 0-10%
HB BODY THINNERS



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



IR drying 8-12 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 **»»»**
For temperature range: 5-15°C (41-59°F)*

Apply one coat, and after the 10-12 min flash off time apply the second full coat.



2:1 mix with **H 754 FAST HARDENER**
Pot life: >4-6h 23°C (73°F)



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

Flash Point:
27°C / 81°F

Specific Gravity:
0.980 g/cm³

Remarks:

- Allow for additional time for combi spray booths to reach the desired temperature
- Application only with **H 753 NORMAL / H 754 FAST / H 752 SLOW HARDENERS**
- It can also be used by countries that do not adopt the VOC legislation



Addition 0-10% of thinner. Use BODY 740 NORMAL



Non force dry
14 - 15h / 23°C (73°F)
20 min / 60°C (140°F)
panel temperature

Solid Content (No thinner):
49% 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 560 g/L. 2004/42/IIB(e)(840) 560

Storage shelf life:

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



Ready to spray:
14-15 s
DIN 4 / 20°C (68°F)



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

Theoretical Coverage:

7 - 8m² / l at 50 micron (2mil) dry film thickness

Cleaning of equipment:

Clean after final use with Body 740 ACRYL NORMAL



Compliant Spray gun
1.3 - 1.5mm
2 - 3 bar (29-44 psi)
inlet pressure
2x coats = 50-60µm (2-2.4mil)



Always wear protective equipment



HVLP 1.2 - 1.3 mm
2 bar (29 psi)
atomization pressure



Follow the application instructions mentioned in this TDS

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Issue 6 / 2017, June 2017