



# 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 / REDUCERS



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



8-15 min distance: 60 - 70cm

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



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



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

**Flash Point:**  
27°C / 81°F

**Specific Gravity:**  
0.980 g/cm<sup>3</sup>



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



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

### 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 FOR TOPCOATS
- 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 (41-77°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 - 8m<sup>2</sup> / l at 50 micron (2mil) dry film thickness

### Cleaning of equipment:

Clean after final use with 740 ACRYL NORMAL THINNER REDUCER



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  
2x coats = 50-60µm (2-2.4mil)



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



Thinner addition 0-10% HB BODY THINNERS / REDUCERS



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



8-15 min distance: 60 - 70cm

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



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



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

**Flash Point:** 27°C / 81°F

**Specific Gravity:** 0.982 g/cm<sup>3</sup>



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



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)

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

## 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 FOR TOPCOATS
- 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 (41-77°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 - 8m<sup>2</sup> / l at 50 micron (2mil) dry film thickness



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 2x coats = 50-60µm (2-2.4mil)



Follow the application instructions mentioned in this TDS

## Cleaning of equipment:

Clean after final use with 740 ACRYL NORMAL THINNER / REDUCER

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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 / REDUCERS



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



8-12 min distance: 60 - 70cm

## 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. For temperature range: 5-15°C (41-59°F)\*



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



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

**Flash Point:** 27°C / 81°F

**Specific Gravity:** 0.980 g/cm<sup>3</sup>



Addition 0-10% of thinner. Use 740 ACRYL NORMAL THINNER



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/IB(e)(840) 560

### 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 FOR TOPCOATS
- 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 (41-77°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 - 8m<sup>2</sup> / l at 50 micron (2mil) dry film thickness



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 2x coats = 50-60µm (2-2.4mil)



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