

# BODY AUTOCLEAR 496 2:1 HS SR

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 2:1 with HB BODY HARDENERS

Thinner addition 0-10% HB BODY THINNERS

Oven force drying  
10-45 min / 60-65°C  
panel temperature



IR drying 8-10 min  
distance: 60 - 70cm

## Surface

Body Basecoat

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.  
For temperature range: 20-30°C\*



2:1 mix with BODY 720 NORMAL HARDENER  
Pot life: >7h 23°C



10 min / 20-23°C  
Final flash off time

**Flash Point:**  
27°C / 81°F

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

### Remarks:

- Allow for additional time for combi spray booths to reach the desired temperature
- Application only with BODY 720 NORMAL/BODY 722 FAST/ BODY 721 SLOW HARDENERS
- It can only be used by countries that do not adopt the VOC legislation
- Guaranteed shelf life of 24 months in unused original containers



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



Non force dry – 8-10h / 22-25°C  
30 min / 60-65°C panel temperature

**Solid Content (No thinner):**  
49% Weight

**VOC (2001/42/EC)**  
This product is designed to meet the market outside Europe where the VOC legislation does not apply



Ready to spray:  
14-16s  
Cup 4/23°C – DIN 5321123°C



Short wave 8-10 min  
distance: 60 - 70cm

**Theoretical Coverage:**  
7 - 8m<sup>2</sup> / l at 50micron dry film thickness



Compliant Spray gun  
1.3 – 1.4 mm  
3-4 bar inlet pressure  
2x coats = 40-50micron



Always wear protective equipment

**Cleaning of equipment:**  
Clean after final use with Body 740 ACRYL NORMAL



HVLP 1.3 - 1.4 mm  
2 bar atomization pressure  
2x coats = 40-50micron



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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Issue 1/2013, October 2013

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Mix 2:1 with HB BODY HARDENERS

Thinner addition 0-10% HB BODY THINNERS

Oven force drying  
10-45 min / 60-65°C  
panel temperature



IR drying 8-10 min  
distance: 60 - 70cm

## Surface

Body Basecoat

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.

For temperature range: higher than 30°C\*



2:1 mix with BODY 721 SLOW HARDENER  
Pot life: >7h 23°C



10 min / 20-23°C  
Final flash off time

**Flash Point:**  
27°C / 81°F

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

### Remarks:

- Allow for additional time for combi spray booths to reach the desired temperature



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



Non force dry –  
8-10h / 22-25°C  
30 min / 60-65°C panel temperature

**Solid Content (No thinner):**  
49% Weight

- Application only with BODY 720 NORMAL / BODY 722 FAST / BODY 721 SLOW HARDENERS



Ready to spray:  
14-16s  
Cup 4/23°C – DIN 53211/23°C



Short wave 8-10 min  
distance: 60 - 70cm

**VOC (2001/42/EC)**  
This product is designed to meet the market outside Europe where the VOC legislation does not apply

- It can only be used by countries that do not adopt the VOC legislation

- Guaranteed shelf life of 24 months in unused original containers

**Theoretical Coverage:**  
7 - 8m<sup>2</sup> / l at 50micron dry film thickness



Compliant Spray gun  
1.3 – 1.4 mm  
3-4 bar inlet pressure  
2x coats = 40-50micron



Always wear protective equipment

**Cleaning of equipment:**  
Clean after final use with Body 740 ACRYL NORMAL



HVLP 1.3 - 1.4 mm  
2 bar atomization pressure  
2x coats = 40-50micron



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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## General Technical Description



Mix 2:1 with HB BODY HARDENERS

Thinner addition 0-10% HB BODY THINNERS

Oven force drying  
10-45 min / 60-65°C  
panel temperature



IR drying 8-10 min  
distance: 60 - 70cm

## Surface

Body Basecoat

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.  
For temperature range: 5-15°C\*



2:1 mix with BODY 722 FAST HARDENER  
Pot life: >7h 23°C



10 min / 20-23°C  
Final flash off time

**Flash Point:**  
27°C / 81°F

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

**Remarks:**  
• Allow for additional time for combi spray booths to reach the desired temperature



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



Non force dry – 8-10h / 22-25°C  
30 min / 60-65°C panel temperature

**Solid Content (No thinner):**  
49% Weight

**VOC (2001/42/EC)**  
This product is designed to meet the market outside Europe where the VOC legislation does not apply

• Application only with BODY 720 NORMAL / BODY 722 FAST / BODY 721 SLOW HARDENERS

• It can only be used by countries that do not adopt the VOC legislation



Ready to spray:  
14-16s  
Cup 4 / 23°C – DIN 53211 23°C



Short wave 8-10 min  
distance: 60 - 70cm

**Theoretical Coverage:**  
7 - 8m<sup>2</sup> / l at 50micron dry film thickness

• Guaranteed shelf life of 24 months in unused original containers



Compliant Spray gun  
1.3 – 1.4 mm  
3-4 bar inlet pressure  
2x coats = 40-50micron



Always wear protective equipment

**Cleaning of equipment:**  
Clean after final use with Body 740 ACRYL NORMAL



HVLP 1.3 - 1.4 mm  
2 bar atomization pressure  
2x coats = 40-50micron



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.

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Thinner addition 0-10% HB BODY THINNERS

Oven force drying  
10-45 min / 60-65°C  
panel temperature



IR drying 8-10 min  
distance: 60 - 70cm

## Surface

Body Basecoat

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.  
For temperature range: 5-10°C\*



2:1 mix with BODY 727 POLAR HARDENER  
Pot life: >7h 23°C



10 min / 20-23°C  
Final flash off time

**Flash Point:**  
27°C / 81°F

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

**Remarks:**  
• Allow for additional time for combi spray booths to reach the desired temperature



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



Non force dry –  
4-5h / 22-25°C  
10 min / 60-65°C panel temperature

**Solid Content (No thinner):**  
49% Weight

**VOC (2001/42/EC)**  
This product is designed to meet the market outside Europe where the VOC legislation does not apply

• Application only with BODY 720 NORMAL / BODY 722 FAST / BODY 721 SLOW HARDENERS

• It can only be used by countries that do not adopt the VOC legislation



Ready to spray:  
14-16s  
Cup 4 / 23°C – DIN 53211 23°C



Short wave 8-10 min  
distance: 60 - 70cm

**Theoretical Coverage:**  
7 - 8m<sup>2</sup> / l at 50micron dry film thickness

• Guaranteed shelf life of 24 months in unused original containers



Compliant Spray gun  
1.3 – 1.4 mm  
3-4 bar inlet pressure  
2x coats = 40-50micron



Always wear protective equipment

**Cleaning of equipment:**  
Clean after final use with Body 740 ACRYL NORMAL



HVLP 1.3 - 1.4 mm  
2 bar atomization pressure  
2x coats = 40-50micron



Follow the application instructions mentioned in this TDS

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