



BODY AUTOCLEAR 499 HS 2:1

Technical Data Sheet No 207

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

General Technical Description



Mix 2:1 with BODY 720 NORMAL HARDENER or BODY 722 FAST HARDENER

Thinner addition 10-20% BODY 740 ACRYLIC THINNER or BODY 741 SLOW ACRYLIC THINNER

Oven force drying
20-30 min / 60-65°C
panel temperature



IR drying 5-7 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 coat, and after the 10 min flash off time apply the second full coat.



2:1 mix with BODY 720 NORMAL HARDENER or BODY 722 FAST HARDENER
Pot life: >5-7h 23°C



10-12 min / 20-23°C
Final flash off time

Flash Point:
24°C / 75°F

Specific Gravity:
0.965 g/cm³

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



Addition 10-20% of thinner
Use BODY 740 ACRYL THINNER or BODY 741 SLOW ACRYL THINNER



Non force dry
10-14h / 22-25°C
20-30 min / 60-65°C
panel temperature

Solid Content (No thinner):
50% Weight

VOC (2004/42/EC)
This product is designed to meet the market outside Europe where the VOC legislation does not apply.

• Application only with BODY 720 NORMAL HARDENER or BODY 722 FAST HARDENER

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



Ready to spray:
15-16 s
Cup 4/23°C
DIN 53211@23°C



Short wave 5-7 min
distance: 60 - 70cm

Theoretical Coverage:
7 - 8m² / l at 60micron dry film thickness

• Guaranteed shelf life of 24 months in unused original containers



Compliant Spray gun
1.3 - 1.5 mm
3-4 bar inlet pressure
2x coats = 50-60 micron



Always wear protective equipment

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



HVLP 1.3 - 1.5mm
2 bar atomization pressure
2x coats = 50-60 micron



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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