



# BODY AUTO CLEAR 537 2:1 SR

Technical Data Sheet No 225

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

Great gloss retaining

Excellent mechanical and high chemical resistance

Excellent physical properties

Scratch resistant

## General Technical Description



Mix 2 parts AUTO CLEAR 537 SR with 1 part BODY AUTO CLEAR 537 HARDENER



Thinner addition 0-5% HB BODY 740 NORMAL ACRYLIC THINNER



Oven force drying 10min / 60°C (140°F) panel temperature



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

## Surface

Body Basecoat

Body 2K Autoemail acrylic paint

## 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 min flash off time apply the second full coat.



2:1 mix with BODY 537 AUTO HARDENER  
Pot life: > 3h / 23°C (73°F)



5 - 10 min / 23°C (73°F)  
Final flash off time

**Flash Point:**  
24°C / 75°F

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

### Remarks:

- Allow for additional time for combi spray booths to reach the desired temperature
- Application only with BODY AUTO CLEAR 537 HARDENER.
- It can also be used by countries that do not adopt the VOC legislation



Addition 0-5% of thinner. Use BODY 740 ACRYL THINNER



Non force dry 2 - 3h / 23°C (73°F)  
10 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 575 g/L. 2004/42/IIB(e)(840) 575

### 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.



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



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

### Theoretical Coverage:

8 - 9m<sup>2</sup> / 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 - 1.4mm  
2 -3 bar (29-44psi)  
inlet pressure  
2x coats = 50-60µm  
(2 - 2.4 mil)



Always wear protective equipment



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



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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