



# C 495 4:1 CLEAR EXPRESS SEMI GLOSS

Technical Data Sheet No 216

Special clear coat used for improved scratch resistant properties

Satin (semigloss finish)

Excellent mechanical and extremely high chemical resistance

Fast drying

VOC compliant with the regulations

## General Technical Description



Mix 4 parts C 495 EXPRESS CLEAR SEMI GLOSS with 1 part H 753 HARDENER NORMAL FOR TOPCOATS



Thinner addition 10% 740 ACRYL NORMAL THINNER / REDUCER



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

## 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



Always wear protective clothes and masks

**Product Application:** 2 coats. Apply one coat, wait till mat and then apply the second full coat. Allow to dry for a satin finish.



4:1 mix with H 753 HARDENER NORMAL FOR TOPCOATS  
Pot life: 4-5h / 23°C (73°F)



5 min / 23°C (73 °F)  
Flash off time

**Flash Point:**  
14°C / 57°F



Thinner Addition 0-10% Use 740 ACRYL NORMAL THINNER / REDUCER



3h / 23°C (73 °F)  
15 min / 60°C (140°F) panel temperature  
ASTM D523 of Gloss: 10-15 on a 20-degree gloss meter

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

**Solid Content (No thinner):**  
39% Weight

### Remarks:

- Allow for additional time for combi spray booths to reach the desired temperature
- 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) (+40F - +77°F) and use within 12 months for best results. Guaranteed shelf life of 24 months in unused original containers.



Ready to spray: 16-18 s  
DIN 4 / 20°C (68°F)



Short wave 5 – 7 min  
distance 60 - 70cm

### 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 530 g/L. 2004/42/IIB(e)(840) 530



Compliant Spray gun  
1.3 – 1.5 mm  
2-3 bar (29-44 psi)  
inlet pressure  
2x coats = 40- 50µm  
(1.6 - 2mil)



Always wear protective equipment

### Theoretical Coverage:

5 - 7m<sup>2</sup> / l at 45 micron dry film thickness



HVLP Spray gun  
1.2 mm – 1.3mm  
2-3 bar (29-44 psi)  
inlet pressure  
2x coats = 40- 50µm  
(1.6 - 2mil)



Follow the application instructions mentioned in this TDS

### Cleaning of equipment:

Clean after final use with 740 ACRYL NORMAL THINNER / REDUCER

**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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