

C 493 MATT CLEAR HS 2:1

Technical Data Sheet No 210



Perfect matt finish for full & partial refinishing

Exceptional chemical and mechanical resistance

Fast drying

VOC compliant with the regulations

General Technical Description



Mix 2 parts C 493 MATT CLEAR with 1 part H 753 HARDENER FOR TOPCOATS NORMAL



Thinner addition 10% 742 ACRYL EXTRA SLOW THINNER / REDUCER (for the second coat only)



Recommended Overnight / 23°C (73°F) 30 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: Apply 2 coats and a mist. Apply first coat. Recommended pressure 2 bar. Allow for the coat to mat. Add Body 742 Acryl Extra Slow Approx. 10% in. Apply the second coat. Lower the pressure to 1.3 - 1.5 bar. Spray a final mist. Allow for a uniform satin mat.



2:1 using H 753 HARDENER FOR TOPCOATS NORMAL
Pot life: 5-6 h / 23°C (73°F)



10 min / 23°C (73°F)
Flash off time

Flash Point:
39°C / 102.2°F

Specific Gravity:
0.998 g/cm³



Addition 10% of thinner 742 ACRYL EXTRA SLOW THINNER / REDUCER (for the second coat only)



Overnight / 23°C (73°F)
30 min / 60°C (140°F) panel temperature

Solid Content (No thinner):
56% 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 (+41°F - +77°F) and use within 12 months for best results. Guaranteed shelf life of 24 months in unused original containers.



DIN 4 ready for use
21-32 s
2:1 +10% BODY 742 ACRYL EXTRA SLOW THINNER / REDUCER - 20 sec



Not recommended

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 600 g/L. 2004/42/IIB(e)(840) 600



Compliant Spray gun
1.3 mm - 1.4mm
2,5 x coats = 50-60µm (2 - 2.4mil)



Always wear protective equipment

Theoretical Coverage:

5 - 7m² / l at 50 micron (2 mil) dry film thickness

Cleaning of equipment:

Clean after final use with 740 ACRYL NORMAL THINNER / REDUCER



HVLP Spray gun
1.2 - 1.3 mm
2,5 x coats = 50-60µm (2 - 2.4mil)



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.

For professional use only. The information displayed on this sheet has been carefully selected through a series of laboratory investigations. It is based on our best knowledge at the time of issue. The data is given for information purposes only. We are not liable for its correctness, accuracy and completeness. It is up to the user to check for newer updates or further information if needed for his intended purpose. The intellectual property of this product, trademarks and copyrights is protected. All rights reserved. The relevant Material Safety Data Sheet and warnings displayed on the label must be read carefully. We may modify and / or discontinue operation of all or portions of this information at any time in our sole discretion, without any notice and assume no responsibility to update the information. All rules set forth in this clause shall apply accordingly for any future changes and amendments.