

C 894 CLEAR ULTRA HS 2:1

Technical Data Sheet No 228

Ultra high solid clear coat suitable for full body or spot panel repairs

Great gloss retaining

Excellent mechanical and high chemical resistance

Excellent surface finish

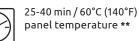
VOC compliant with the regulations







No thinner / reducer addition





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

C 894

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: 1.5 coats. Apply a mist coat, and after flash off time apply the second full coat.*

16-20h / 23°C (73°F)

panel temperature

Flash off time before

Full power 12-18 min

protective equipment

Half power 5 min

distance: 80cm

Alwavs wear

Short wave**

5 min

25-40 min / 60°C (140°F)



2:1 mix with H 733 SLOW / H 734 NORMAL / H 735 FAST HARDENER Pot life: 90 - 135 min 23°C (73°F)



No thinner / reducer required



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



Compliant Spray gun 1.3 – 1.4mm 2 - 3 bar (29-44psi) inlet pressure

1.5 x coats = 50-60µm (2 - 2.4 mil)



HVLP 1.2 - 1.3 mm 2 - 2.5 bar (29-36psi) inlet pressure 1.5 x coats = 50-60µm

(2 - 2.4 mil)



Follow the application

instructions mentioned in this TDS

0 - 2 min / 23°C (73°F) Flash off time 10 - 15min / 23°C (73°F) Final flash off time with spray booth recirculation

Flash Point: 27°C/81°F

Specific Gravity: 0.977 g/cm³

Solid Content (No thinner): 57.5% 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 420 g/L. The VOC content in the ready for use form of this product is 419 g/L. 2004/42/IIB(d)(420) 419

Theoretical Coverage: 10 - 12 m² / l at 50 micron (2 mil) dry film thickness

Cleaning of equipment: Clean after final use with 740 ACRYL NORMAL THINNER / REDUCER

Remarks:

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

• Application only with H 733 SLOW / H 734 NORMAL / H 735 FAST HARDENER

• 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 - 77°F) and use within 12 months for best results. Guaranteed shelf life of 24 months in unused original containers.

Application conditions*

For partial or spot repairs: T = 15-20°C (59-68°F) use H 735 Fast Hardener T= 20-30°C(68-86°F) use H 734 Normal Hardener T = 30-35 °C (86-95°F) use H 733 Slow Hardener Rel. humidity 40 - 80%

For complete car repair:

T < 25°C (77°F) use H734 Normal Hardener T = 25-35 °C (77-95°F) use H 733 Slow Hardener Rel. humidity 40-80%

** Depends on hardener and thickness of the clear coat (sug. 50-60µm (2 - 2.4 mil))

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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