



TECHNICAL DATA SHEET No 229

BODY 699 CLEAR HS SR 2:1

GENERAL TECHNICAL DESCRIPTION

2K HS (High Solids) clear coat with high gloss retention, excellent leveling and fast hardening properties.

Suitable for spot panel and full automotive repairs.

High mechanical and chemical resistance.

Can be combined with 440 Texture Additive for the repair of PSA (Stellantis) cars with structured matt finishes.

PRODUCT APPLICATION:



Mix 2 parts CLEAR COAT with 1 part H754 FAST / H753 NORMAL / H752 SLOW HARDENERS FOR TOPCOATS Pot life: 4h / 23°C (73°F)



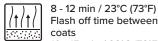
Addition 0 - 10% 740 NORMAL / 741 SLOW ACRYL THINNER/ REDUCER



Ready to spray: 15 - 16 s DIN 4 / 20°C (68°F)



1.2 - 1.3 mm 1.7 - 2.2 bar (25 - 32 psi) $2x \text{ coats} = 50 - 60 \ \mu\text{m}$ (2 - 2.4 mil)



Flash off time between coats 10 - 15 min / 23°C (73°F) Flash off time before drying

20 - 30 min / 60°C (140°F) panel temperature . 18 - 22 h / 23°C (73°F)

Short wave 8 - 12 min Distance: 60 - 70 cm

| TEMP. | ORANGE PEEL TEXTURE 1-2 PARTS | LEVELING SURFACE 1-2 PARTS | PARTIAL REPAIR | FULL REPAIR |
|-----------------------------|--|--|--|--|
| 10-15°C (50-59°F) | H754 20 min / 60°C (140°F) | H754 +max 10% 740 20 min / 60°C (140°F) H753 +max 10% 740 30 min / 60°C (140°F) | H754 <i>+max 10%</i> 740/741 20 min / 60°C (140°F) | H753 +max 10% 740 30 min / 60°C (140°F) |
| 15-25°C (59-77°F) | | H754 +max 10% 740/741 20 min / 60°C (140°F) H753 +max 10% 740 30 min / 60°C (140°F) | H753 +max 10% 740 30 min / 60°C (140°F) | |
| 25-30°C (77-86°F) | H754 +max 10% 740 20min / 60°C (140°F) H753 30 min / 60°C (140°F) | H754 +max 10% 740/741 20 min / 60°C (140°F) H753 +max 10% 740/741 30 min / 60°C (140°F) | H754 +max 10% 740/741 20 min / 60°C (140°F) H753 +max 10% 740/741 30 min / 60°C (140°F) H752 +max 10% 740/741 30 min / 60°C (140°F) | H753 +max 10% 740/741 30 min / 60°C (140°F) H752 +max 10% 740/741 30 min / 60°C (140°F) |
| > 30°C (86°F) | H754 +max 10% 741 20 min / 60°C (140°F) H753 +max 10% 740/741 30 min / 60°C (140°F) | H754 +max 10% 741 20 min / 60°C (140°F) H753 +max 10% 740 30 min / 60°C (140°F) | H753 +max 10% 741 30 min / 60°C (140°F) H752 +max 10% 740 30 min / 60°C (140°F) | H752 <i>+max 10%</i> 741 30 min / 60°C (140°F) |

SURFACE

HB BODY solvent- and waterborne basecoat paints

PRETREATMENT/CLEANING OF SUBSTRATE



Let the basecoat dry sufficiently before the clearcoat. Clean the surface from the dust with a tack cloth.

BODYAUTOMOTIVE REFINISH

BODY 699 CLEAR HS SR 2:1

SPECIFIC GRAVITY

0.96 ± 0.01 g/cm³

SOLID CONTENT 46 ± 2% Weight

VOC (2004/42/EC)

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

CLEANING OF EQUIPMENT

Clean after final use with 740 ACRYL NORMAL or 767 NITRO thinner / reducer

REMARKS

• Application only with the recommended

hardeners and thinners / reducers.

• Do not use at temperatures below 15°C (59°F).

STORAGE SHELF LIFE

Guaranteed shelf life of 24 months in unused original containers stored in a cool place (5 - 25°C) (41 - 77°F).



Always wear protective equipment

|--|--|--|--|

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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MARCH 2025