

SUPREME GLOSS CLEARCOAT

Clearcoat • 2K UHS fast drying clearcoat

Reference	SGV5
Document	CARROSS-FT-SGV5-EN-V01
Updated	10/2026
Use	Professional
Language	EN
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Intended use: 2K UHS fast drying finishing clearcoat, specially designed for complete vehicles and large assemblies, compatible with waterborne and solventborne basecoats.



CONSEIL TECH'TEAM

« Very fluid UHS clearcoat offering perfect flow-out with no orange peel. To avoid runs, always apply 1 thin closed (light) coat followed by 1 full coat, with a strict flash-off of 8 to 10 min. »

01 IDENTIFICATION AND USE

DESCRIPTION

Very high quality ultra high solids clearcoat, fast drying, designed for clearcoating complete vehicles with a short curing time. It is characterised by a very slow viscosity build-up after adding the hardener (pot life of 90 minutes) and by a longer flash-off time than other fast drying clearcoats. It dries in 5 minutes at 60 °C or 3 hours at 20 °C, is easy to apply and provides a crystal-clear gloss as well as very high hardness.

SUITABLE SUBSTRATES

Solventborne basecoats

Waterborne basecoats

Panels ready to be re-clearcoated



PACK SIZES

SGV5

5 L

ASSOCIATED PRODUCT	DESCRIPTION	REFERENCE	USE
 Hardener	Supreme Gloss Hardener	SGD2.5	-

02 APPLICATION PARAMETERS

 VOLUME RATIO 2 : 1 clearcoat / hardener	 NOZZLE 1.3 mm gravity-feed spray gun	 COATS 1.5 – 2 (1 thin closed coat + 1 full wet coat)	 DRY FILM THICKNESS 50 – 60 µm
 POT LIFE 90 min at 20 °C	 TIME BETWEEN COATS 8 – 10 min	 BAKING 5 min at 60 °C	 READY FOR POLISHING 3 h at 20 °C

03 MIXING

COMPONENT	VOLUME	CUMULATIVE WEIGHT
 A- Supreme Gloss Clearcoat (SGV5)	2 volumes	100
 B- Supreme Gloss Hardener (SGD2.5)	1 volume	53

Measure the A+B mix by volume: 2 parts clearcoat (A) to 1 part hardener (B), then mix thoroughly.

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04 APPLICATION PROCESS

STEP	APPLICATION	SETTINGS	WAITING TIME
1	 1 thin closed coat	Gravity-feed spray gun · 1.3 mm nozzle · pressure 1.8 – 2.5 bar	8 – 10 min flash-off
2	 1 full wet coat	Gravity-feed spray gun · 1.3 mm nozzle · pressure 1.8 – 2.5 bar	10 min flash-off before baking

 **Recommended application conditions:** Temperature 18 – 22 °C, relative air humidity 40 – 60 %. Do not apply below 18 °C; bring the product, the spray booth and the object to approximately 20 °C.

05 DRYING, FINISHING AND RECOATING

AIR DRYING

At 20 °C:

- ready for handling 80 min
- ready for polishing 3 h
- final hardness 5 days

Object temperature 20 °C

SPRAY BOOTH BAKING

Object temperature:

Ready for handling / Ready for polishing

- 40 °C: 5 min / 20 min
- 50 °C: 5 min / 15 min
- 60 °C: 4 min / 5 min

Through-dry 4 days at 20 °C

INFRARED

8 – 15 min

Follow the recommendations of the IR lamp manufacturer. Observe the flash-off time before drying.

READY TO SAND / POLISH

Ready for polishing after:

- 3 h at 20 °C
- 20 min at 40 °C
- 15 min at 50 °C
- 5 min at 60 °C

Before polishing a clearcoat baked at 60 °C, allow up to 1 h of cooling.

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06 TECHNICAL DATA AND STORAGE

PROPERTIES & VOC	
VOC standard	2004/42/IIIB(d)(420) – max. 420 g/l
Appearance / colour	Transparent gloss
Density (20 °C)	Clearcoat: 0.98 – 1.0 g/cm ³ Hardener: 1.04 – 1.06 g/cm ³
Application viscosity	4 mm cup at 20 °C: DIN 15 – 18 s FORD 16 – 19 s ISO 30 – 33 s
Theoretical coverage	10 – 12 m ² /l
Pot life	90 min at 20 °C
Wet / dry film thickness	90 – 100 µm / 50 – 60 µm

STORAGE & PACKAGING	
Storage	Keep tightly closed in a dry and cool place; recommended storage temperature: +10 to +30 °C
Protection	Protect from frost, heat, sunlight and moisture
Shelf life	Clearcoat: 12 months Hardener: 12 months

07 HEALTH, SAFETY AND INFORMATION

Safety information

Always read the **Safety Data Sheet** before use. Follow the precautions for use shown on the packaging. For professional use only!

Technical note

Apply a total wet film thickness of approximately 100 µm: excessive thickness may cause runs, longer flash-off and drying times, lower hardness or other paint defects. Allow the product to reach the recommended application temperature naturally (avoid any rapid heating or cooling). A low application temperature alters the film characteristics (longer open time, more pronounced structure, slower curing).

Please consult the Safety Data Sheet before any use of this product and strictly follow the precautions for use indicated on the packaging. This product is intended exclusively for professional use. The information contained in this document has been carefully selected and compiled by our teams, on the basis of the best knowledge available to us at the date of publication. This information is provided for guidance only, and we cannot guarantee its accuracy, precision or completeness. It is the responsibility of each user to ensure that it is relevant and suitable for the intended use. All intellectual property rights relating to this information, including patents, registered trademarks and copyrights, are fully protected and all rights are reserved. The indications given in the Safety Data Sheets and the risk statements shown on the labels must be strictly observed. We reserve the right to modify and/or delete all or part of this information, at our sole discretion and without prior notice, with no obligation to update it. All the provisions set out in this clause shall apply to any subsequent modification or revision.