

RAPID GLOSS CLEARCOAT

Clearcoat • 2K very high solids clearcoat, fast drying

Reference	RGV5
Document	CARROSS-FT-RGV5-EN-V01
Updated	10/2026
Use	Professional
Language	EN
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Intended use: 2K UHS fast-drying finishing clearcoat, express hardness build-up.



CONSEIL TECH'TEAM

« For maximum productivity: ready for polishing after only 15 min baking at 60 °C, followed by the cooling time. »

01 IDENTIFICATION AND USE

DESCRIPTION

2K acrylic clearcoat with very fast curing, characterised by high early hardness. It offers very good flow and levelling, high gloss and high final hardness, as well as excellent durability thanks to its chemical, UV and weather resistance. Its balanced pot life allows safe application. Very high solids product, compliant with VOC regulations.

SUITABLE SUBSTRATES

Solventborne basecoats

Waterborne basecoats

Parts ready to be re-clearcoated



PACK SIZES

RGV5

5 L

ASSOCIATED PRODUCT	DESCRIPTION	REFERENCE	USE
 Hardener	Rapid Gloss Hardener	RGD2.5	-

02 APPLICATION PARAMETERS

 MIXING RATIO BY VOLUME 2 : 1 clearcoat / hardener	 NOZZLE 1.3 mm gravity-feed spray gun	 COATS 1.5 – 2 (1 closed thin layer + 1 full wet coat)	 DRY FILM THICKNESS 50 – 60 µm
 POT LIFE 50 min at 20 °C	 FLASH-OFF BETWEEN COATS 5 – 7 min	 BAKING 15 min at 60 °C	 READY FOR POLISHING 3 – 4 h at 20 °C

03 MIXING

COMPONENT	VOLUME	CUMULATIVE WEIGHT
 A- Rapid Gloss Clearcoat (RGV5)	2 parts	100
 B- Rapid Gloss Hardener (RGD2.5)	1 part	50

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 closed thin layer	Gravity-feed spray gun · 1.3 mm nozzle · pressure 1.8 – 2.5 bar	5 – 7 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 90 min
- ready for polishing 3 – 4 h
- final hardness 4 days

Object temperature 20 °C

SPRAY BOOTH BAKING

Object temperature 60 °C:

- ready for handling 10 min
- ready for polishing 15 min
- final hardness 15 min + 3 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 – 4 h at 20 °C
- 15 min at 60 °C

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

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06 TECHNICAL DATA AND STORAGE

PROPERTIES & VOC	
VOC regulation	2004/42/IB(d)(420) – max. 420 g/l
Appearance / colour	Transparent, glossy
Density (20 °C)	Clearcoat: 1.00 – 1.01 g/cm ³ Hardener: 1.00 – 1.01 g/cm ³
Application viscosity	4 mm cup at 20 °C: DIN 16 – 18 s FORD 17 – 19 s ISO 34 – 39 s
Theoretical coverage	10 – 12 m ² /l
Pot life	50 min at 20 °C
Dry film thickness	50 – 60 µm

STORAGE & PACKAGING	
Storage	Keep tightly closed in a dry, cool place; recommended storage and transport: +10 to +30 °C. Avoid extreme temperature variations; the storage temperature must not fall below +5 °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!

Protection: Appropriate personal protective equipment must be worn when using the product (mask, gloves, goggles).

Technical note

Let the product reach the recommended application temperature naturally (avoid any rapid heating or cooling). Application below 18 °C alters the film properties and may impair the visual appearance. Slight colouring of the hardener does not affect the shade of the finish. Before polishing a clearcoat dried at 60 °C, allow up to 1 h cooling.

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.