

VERNIS AIR GLOSS

Clearcoat • ultra-fast air drying

Reference	AGV5 / AGV1
Document	CARROSS-FT-AGV-EN-V01
Updated	09/2026
Use	Professional
Language	EN
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Intended use: 2K finishing clearcoat applied over solvent-borne or waterborne basecoats, for spot repairs as well as complete panels.



CONSEIL TECH'TEAM

« Ideal for optimising your energy use and productivity: tack-free in 30 min and polishable in 60 minutes at 20 °C, without baking. »

01 IDENTIFICATION AND USE

DESCRIPTION

Ultra-fast 2K acrylic clearcoat compliant with VOC regulations, designed for high throughput in the bodyshop. It offers excellent flow, remarkable gloss development and short flash-off times. It is polishable in only 60 minutes at 20 °C or 15 minutes at 40 °C. It is suitable for both spot repairs and full panel applications.

SUITABLE SUBSTRATES

Solvent-borne basecoats

Waterborne basecoats

Panels ready to be re-clearcoated



PACK SIZES

AGV5	5L
AGV1	1L

ASSOCIATED PRODUCT	DESCRIPTION	REFERENCE	USE
 Hardener	Air Gloss	AGD2.5	-
 Hardener	Air Gloss	AGD0.5	-

02 APPLICATION PARAMETERS

 MIXING RATIO BY VOLUME 2 : 1 clearcoat / hardener	 NOZZLE 1.3 mm gravity-feed spray gun	 COATS 2 (1 light coat + 1 full coat)	 DRY FILM THICKNESS 50 – 60 µm
 POT LIFE 40 min at 20 °C	 FLASH-OFF BETWEEN COATS 5 – 6 min	 TACK-FREE 30 min at 20 °C	 POLISHABLE 60 min at 20 °C

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03 MIXING

COMPONENT	VOLUME	CUMULATIVE WEIGHT
 A- Air Gloss Clearcoat (AGV5 / AGV1)	2 volumes	100 g
 B- Air Gloss Hardener (AGD2.5 / AGD0.5)	1 volume	52 g

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

04 APPLICATION PROCESS

STEP	APPLICATION	SETTINGS	WAITING TIME
1	 1 light coat	Gravity-feed spray gun · 1.3 mm nozzle · pressure 1.8 - 2.5 bar	5 – 6 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 humidity 40 – 60 %. Take care when applying below 18 °C; bring product, spray booth and object to approximately 20 °C.

05 DRYING, FINISHING AND RECOATING

AIR DRYING

At 20 °C:

- tack-free 30 min
- polishable 60 min
- final hardness 4 days

Object temperature 20 °C

SPRAY BOOTH BAKING

Object temperature: Tack-free / Polishable

- 40 °C: 5 min / 15 min
- 50 °C: 5 min / 10 min
- 60 °C: 4 min / 5 min

Through-dry 4 days at 20 °C

READY TO SAND / POLISH

Polishable after:

- 60 min at 20 °C
- 15 min at 40 °C
- 10 min at 50 °C
- 5 min at 60 °C

After baking, allow up to 30 min cooling before polishing.

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06 TECHNICAL DATA AND STORAGE

PROPERTIES & VOC	
VOC regulation	2004/42/II(d)(420) – max. 420 g/l
Appearance / colour	Transparent gloss
Density (20 °C)	Clearcoat: 0.98 – 1.0 g/cm ³ Hardener: 1.02 – 1.04 g/cm ³
Application viscosity	4 mm cup at 20 °C: DIN 15 – 17 s FORD 16 – 18 s ISO 30 – 32 s
Theoretical coverage	10 – 12 m ² /l
Pot life	40 min at 20 °C
Wet / dry film thickness	90 – 100 µm / 50 – 60 µm

STORAGE & PACKAGING	
Storage	Keep tightly closed in a cool, dry place; recommended 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 can cause runs, longer flash-off and drying times, lower hardness or other paint defects. Before polishing a clearcoat dried at 60 °C, allow up to 30 minutes 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.