

FILLER PRIMER (LIGHT GREY / MEDIUM GREY)

Aerosol • 1K aerosol high-build primer filler, isolating and anti-corrosion

Reference	AG500 (GC / GM)
Document	CARROSS-FT-AG500-EN-V01
Updated	10/2026
Use	Professional
Language	EN
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Intended use: Isolating aerosol primer with high filling power.
Can be applied directly to steel, galvanised steel, aluminium and most plastic parts.



CONSEIL TECH'TEAM

« This aerosol is fitted with two interchangeable nozzles: a standard nozzle for traditional applications and a flat-jet nozzle providing a wider and more uniform spray pattern. »

01 IDENTIFICATION AND USE

DESCRIPTION

1K aerosol high-build primer filler based on acrylic resins, with a matt finish and grey colour. It offers high filling power, fast drying, a smooth finish and high corrosion protection. It can be overcoated with all types of solvent-borne or waterborne paints, 1K or 2K, available on the market. The aerosol is fitted with an additional spray nozzle in the cap.

SUITABLE SUBSTRATES

Steel (cleaned and sanded)

Galvanised steel (hot-dip galvanised, galvanised strip and electrogalvanised, cleaned and sanded)

Aluminium, polished aluminium (cleaned and sanded)

Plastics (e.g. rigid PVC, PPO/PA, ABS, ABS/PC, PC/PBT)

Polyester substrates (cleaned and sanded)

Industrial paint or old paint (cleaned and sanded)



PACK SIZES

AG500GC	500 ml
AG500GM	500 ml

ASSOCIATED PRODUCT	DESCRIPTION	REFERENCE	USE
 Adhesion primer	Universal Adhesion Promoter	PAU400	On polystyrene, PE, PP and PP blends (e.g. PP/EPDM), substrates not compatible with the primer filler

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02 APPLICATION PARAMETERS

 APPLICATIONS 2 – 3 coats	 DRY FILM THICKNESS max. 150 µm	 SPRAYING DISTANCE 10 cm - 15 cm	 FLASH-OFF BETWEEN COATS 5 – 10 min
 SANDABLE 45 – 55 min at 20 °C	 IR 5 – 8 min	 APPLICATION TEMPERATURE 18 – 25 °C	 HUMIDITY LEVEL 40 to 60 %

03 SUBSTRATE PREPARATION

STEP	OPERATION	INSTRUCTION / GRIT / ASSOCIATED PRODUCT
1	Preparation	The damaged area must be free from grease and dust, dry and completely stripped.
2	Sanding	Substrates must be cleaned and sanded (steel, galvanised steel, aluminium, plastics, polyester, old paintwork).
3	Compatibility	Check the compatibility of the product and the colour on a non-visible area of the substrate to be painted; the wide variety of plastics makes it necessary to check compatibility on a case-by-case basis.

04 MIXING

COMPONENT	VOLUME
 Primer Filler (Light Grey AG500GC / Medium Grey AG500GM)	Ready to use (1K aerosol)

Shake the aerosol well for 2 minutes from the moment the mixing balls can be clearly heard.

05 APPLICATION PROCESS

STEP	APPLICATION	SETTINGS	WAITING TIME
1	 2 – 3 applications	Spraying distance 10 cm – 15 cm	approx. 5 to 10 min between 2 coats, wait until the product has a matt appearance

 **Recommended application conditions:** Optimum application between 18 and 25 °C with air humidity between 40 and 60 %.

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06 DRYING, FINISHING AND RECOATING

AIR DRYING

- **Dust-free: 2 – 5 minutes**
- **Touch dry: 5 – 10 minutes**
- **Sandable: 45 – 55 minutes**

Values relate to the stated application conditions (20 °C).

INFRARED

- **5 – 8 min**

Read the equipment's instructions for use.

READY TO SAND / POLISH

Sandable after 45 – 55 minutes:

- **Dry sanding by machine or by hand P 400 - 600**
- **Wet sanding P 600 - 800**

RECOATABILITY

Can be overcoated with all types of solvent-borne or waterborne paints, 1K or 2K, available on the market. Always check compatibility with the substrate before use.

07 TECHNICAL DATA AND STORAGE

PROPERTIES & VOC

Composition	Acrylic resins
Appearance / colour	Grey, matt finish
VOC standard	VOC content (EU): 701 g/l
Dry film thickness	max. 150 µm

STORAGE & PACKAGING

Shelf life	60 months for an unused aerosol stored correctly
Storage	Between 15 and 25 °C, relative humidity below 60 %. Store upright, in a dry place, protected from chemical and mechanical damage. Observe the safety instructions shown on the aerosol as well as all legal provisions applicable to the storage location.
Equipment cleaning	After application, turn the can upside down and spray for 3 to 5 seconds to clean the valve.
Waste disposal	Empty aerosols must be placed in recyclable waste containers. Aerosols containing cured product must be handled and disposed of in accordance with special waste regulations.



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08 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

Avoid impacts, friction and knocks on the aerosol. Not suitable for parts made of polystyrene, PE, PP and PP blends (e.g. PP/EPDM): use a plastic adhesion primer. Do not use on thermoplastic paints and do not rework the surface with a spreader using two-component polyester filler.

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.