

PRIMER (LIGHT GREY / MEDIUM GREY)

Spray • 1K primer in spray form

Reference	SP400 (GC / GM)
Document	CARROSS-FT-SP400-EN-V01
Updated	10/2026
Use	Professional
Language	EN
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Intended use: 1K primer in spray form, usable as a primer or as a fine primer.
Applicable on steel, galvanized steel, aluminium, polyester, glass-fibre reinforced plastic and old paints.



CONSEIL TECH'TEAM

« Ideal for sealing sanding scratches just before painting. Can be overcoated without sanding, wet-on-wet, after 15 minutes, or after a simple safety scuff sanding in 25 minutes. »

01 IDENTIFICATION AND USE

DESCRIPTION

1K spray primer based on polyvinyl butyral and epoxy resin, available in different shades of grey. It offers excellent adhesion, high anti-corrosion protection and fast drying for a good surface finish. It is used as a primer or as a fine primer and can be applied wet-on-wet. It can be overcoated with waterborne or solventborne paints.

Do not overcoat with polyester or EP products.

SUITABLE SUBSTRATES

Steel (cleaned and sanded)

Galvanized steel (hot-dip galvanized, galvanized strip and electro-galvanized, cleaned and sanded)

Aluminium, soft aluminium (cleaned and sanded)

Glass-fibre reinforced plastic (cleaned and sanded)

Polyester surfaces (cleaned and sanded)

Cathodic dip coating (cleaned and sanded)

Industrial or old paint (cleaned and sanded)



PACK SIZES

SP400GC	400 ml
SP400GM	400 ml

ASSOCIATED PRODUCT	DESCRIPTION	REFERENCE	USE
 Adhesion primer	Universal Adhesion Promoter	PAU400	Essential undercoat on raw plastics (PP, PP/EPDM, etc.) to create adhesion before applying the primer.

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02 APPLICATION PARAMETERS

 APPLICATIONS 1 – 3 coats	 THICKNESS PER COAT approx. 10 – 15 µm	 SPRAY DISTANCE 15 cm – 20 cm	 FLASH-OFF BETWEEN COATS approx. 3 – 5 min
 APPLICATION TEMPERATURE 18 – 25 °C	 WET-ON-WET approx. 15 min at 20 °C	 SANDABLE approx. 25 min at 20 °C	 IR 5 – 8 min

03 SUBSTRATE PREPARATION

STEP	OPERATION	INSTRUCTION / GRIT / ASSOCIATED PRODUCT
1	Preparation	The damaged area must be free of grease and dust, dry and completely stripped.
2	Sanding	Cleaned and sanded substrates (steel, galvanized steel, aluminium, polyester, glass-fibre reinforced plastic, cathodic dip coating, industrial or old paint).
3	Compatibility	Carry out a spray test and check the compatibility of the product with the substrate.

04 MIXING

COMPONENT	VOLUME
 Fine Primer (Light Grey SP400GC / Medium Grey SP400GM)	Ready to use (1K spray)

Shake the spray can thoroughly for 2 minutes from the moment the mixing balls can be clearly heard.

05 APPLICATION PROCESS

STEP	APPLICATION	SETTINGS	WAITING TIME
1	 1 – 3 spray coats, approx. 10 – 15 µm per coat	Spray distance 15 cm – 20 cm	approx. 3 – 5 min flash-off between coats

 **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: 10 – 12 minutes**
- **Touch dry: 15 minutes**
- **Sandable: approx. 25 min**

The stated values refer to the specified application conditions (20 °C).

INFRARED

- **5 – 8 min**

Read the equipment's instructions for use.

READY TO SAND / POLISH

Sanding possible after approx. 25 min at 20 °C:

- **Wet sanding P 800 - P 1200**
- **Light dry sanding P 600 - P 800**

RECOATABILITY

Can be overcoated with commercially available primers, finishing clearcoats, basecoats and waterborne paints. Wet-on-wet processing possible after a drying time of 15 to 30 minutes.

07 TECHNICAL DATA AND STORAGE

PROPERTIES & VOC

Composition	Polyvinyl butyral / epoxy resin
Appearance / colour	Grey, matt finish
VOC standard	VOC content (EU): 705 g/l
Theoretical coverage	• approx. 4 – 5 m² at approx. 10 – 15 µm • approx. 2 m² at approx. 25 µm

STORAGE & PACKAGING

Shelf life	60 months for an unused spray can stored correctly
Storage	Between 15 and 25 °C, relative air humidity not exceeding 60 %. The spray can must be stored upright, in a dry place and protected from chemical and mechanical damage. Observe the safety instructions indicated on the spray can 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 spray cans must be placed in recyclable waste containers. Spray cans containing cured product must be treated 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 spray can. Do not overcoat with polyester products or epoxy resin based products. Polyester putty will never hold on polyvinyl butyral (it will soak through and blister). Putty is always applied under this product, never over this product.

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.