CARMASTER

TECHNICAL DATA SHEET

CP-8550 CARMASTER GP 2 PACK PRIMER-FILLER

PRODUCT DESCRIPTION

Carmaster GP 2 Pack Primer-Filler is a two pack acrylic urethane primer-filler that can also be thinned and used as a primer surfacer or wet-on-wet primer.

It offers excellent surface levelling, sanding and gloss holdout and can also be tinted with Paraglaze Gloss (PT-G) tinters.

While Carmaster products have been tried and tested to be suitable for use in the harsh Australian conditions, they do not benefit from inclusion in the PROTEC® Autoguard Warranty program. If you require the assurance of a warranted product system, products from the Paraglaze range should be selected.

PRODUCTS

Carmaster GP 2 Pack Primer-Filler	CP-8550
Carmaster Fast Hardener	CH-5100
Carmaster Normal Hardener	CH-5200
Carmaster GP 2 Pack Reducer	CS-3800
Protec Flex Additive	AA-5656
Protec Heavy Duty Wax & Grease Remover	AA-6822

SUBSTRATES & PREPARATION

Carmaster GP 2 Pack Primer-Filler can be applied over the following substrates once they have been prepared as follows:

SUBSTRATE	PREPARATION
Sound OEM finishes and sound, fully cured 2 pack refinish finishes	STARTLINE® P240 - P320 (dry)
Small areas of bare steel	*Startline* P240 - P320 (dry)
New electrocoated panels	*Startline* P240 - P320 (dry)
GRP & Fibreglass	*Startline* P240 - P320 (dry)
Plastics	*Protec* Plas Stik Primer - where recommended in the AP-4880 / AP-4990 Technical Data Sheet

Large areas of bare steel and areas where polyester body filler will be applied should be coated first with AP-4110 Protec Epoxy Primer (faster option) or PP-3450 Paraglaze CT 2K HP Epoxy Primer - Grey or AP-4441 Protec Etch Primer.

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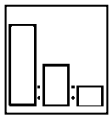
Substrates other than those stated above should be tested before use, to ensure that the performance of this product is suitable for its intended use.

CLEANING

Before and after any sanding operation, the substrate must be thoroughly degreased using AA-6822 *Protec* Heavy Duty Wax & Grease Remover.

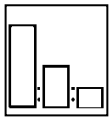
MIXING RATIO BY VOLUME



PRODUCT	PARTS	
CP-8550	4	
Carmaster Hardener	1	
CS-3800	10 - 30%	*(use 30% for wet-on-wet mode)*

If tinting: add up up to 10% of Paraglaze Gloss (PT-G) tinter before adding hardener.

FLEXIBILISATION



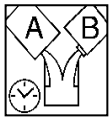
AA-5656 *Protec* Flex Additive must be used at the following ratios when applying CP-8550 over plastics, to ensure proper flexibility of the primer film:

PLASTIC TYPE	HARD PLASTICS	FLEXIBLE PLASTICS	HIGHLY FLEXIBLE PLASTICS
PRODUCT	**PARTS**		
Uncatalysed CP-8550	Not Required	5	2
AA-5656		1	1

Always add AA-5656 to CP-8550 first and thoroughly mix → Then add hardener and reducer as per the normal recommendation above.

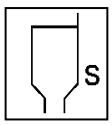
Note: Higher levels or AA-5656 will slow the drying time of CP-8550.

POTLIFE



Catalysed material is useable for up to 1 hour at 25°C.

SPRAY VISCOSITY



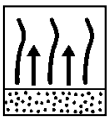
18 - 22 seconds (DIN 4) at 25°C.

SPRAYGUN SETTINGS *(GRAVITY)*

SETUP 1.6 - 1.8 mm *(1.3 - 1.4 mm, with wet-on-wet application)*

SPRAY PRESSURE
- HVLP / RP: 1.6 - 2.0 bar *(1.6 - 1.8 bar, with wet-on-wet application)*
- CONVENTIONAL: 2.0 - 3.0 bar *(2.0- 2.5 bar, with wet-on-wet application)*

APPLICATION & FLASH OFF *(at 25°C)*



PRIMER-SURFACER MODE

- COATS: Apply one even medium coat followed by one or two even wet coats, as required
- FLASH OFF BETWEEN COATS: 5 minutes

WET-ON-WET MODE

- COATS: Apply one or two even wet coats
- FLASH OFF BETWEEN COATS: 10 - 15 minutes

Must be topcoated within 45 minutes when using in wet-on-wet mode.

DRYING TIME & TEMPERATURE

AIR DRY: Overnight at 25°C

BAKE: 40 minutes at 60°C

Note: Temperature shown is metal temperature

I.R.: 10 - 16 minutes (short wave)

Will vary depending upon equipment. Refer to equipment supplier

TOTAL DRY FILM BUILD

120 - 150 µm

OVERCOAT / RECOAT

TIME: Within 45 mins for wet-on-wet mode. After this time and within 72 hours it should be sanded.

After 72 hours it should be sanded and recoated with itself in wet-on-wet mode.

The vehicle must be kept dry and free of moisture and contaminants during this period.

PREPARATION: P500 (dry) OR P800 (wet)

Carmaster 2 Pack Hi Build Primer-Filler may be topcoated with the following:

- Refinish basecoats
- Refinish two pack polyurethane topcoats (i.e. direct gloss topcoats)

Refer to the relevant topcoat Technical Data Sheet for further details.

EQUIPMENT CLEANING

After use, clean all equipment thoroughly with cleaning solvent or thinner.

HEALTH AND SAFETY

Refer to Safety Data Sheets (SDS) for full Health and Safety details, as well as product can labels.

Protec hardeners and activated products contain isocyanate and therefore particular safety precautions must be taken; please refer to SDS for full health and safety details.

This product is for professional use only. The information given in this sheet is for guidance only. Any person using the product without first making further inquiries as to the suitability of the product for the intended purpose does so at his or her own risk and we can accept no liability for the performance of the product or for any loss or damage (other than death or personal injury resulting from our negligence) arising out of such use. The information contained in this sheet is liable to modification from time to time in the light of experience and our policy of continuous product development. Drying times quoted are average times at 25°C/77°F. Film thickness, humidity and shop temperature can all affect drying times.	**PPG Industries Australia Pty Ltd, 14 McNaughton Rd** **Clayton, VIC 3168 Australia** **EMERGENCY RESPONSE NUMBER, Australia: 1800 883 254** **PPG Industries New Zealand Pty Ltd, 5 Vestey Dr, Mt Wellington** **Auckland, New Zealand** **EMERGENCY RESPONSE NUMBER, New Zealand: 0800 000 096** *Protec* and the *Protec Logo* are registered trademarks of Protec Pty Ltd. *Startline* is a registered trademark of PPG Industries Australia Pty Ltd.