CARMASTER

TECHNICAL DATA SHEET

CC-9240 CARMASTER HS 2 PACK CLEARCOAT

PRODUCT DESCRIPTION

Carmaster HS 2 Pack Clearcoat is a high solids two pack acrylic urethane clearcoat that is specifically formulated for better flow off the gun

It provides optimum gloss and easy polishing and is designed to be used for multi panel and overall repainting.

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 HS 2 Pack Clearcoat	CC-9240
Carmaster Normal Hardener	CH-5200
Carmaster Slow Hardener	CH-5300
Carmaster GP 2 Pack Reducer	CS-3800
Protec Flex Additive	AA-5656
Protec Heavy Duty Degreaser	AA-6822

SUBSTRATES & PREPARATION

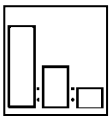
Carmaster HS 2 Pack Clearcoat can be applied over:

- Clean and dust-free basecoat
- Fully cured 2 pack refinish clearcoats that have been degreased and sanded
- Sound OEM clearcoats that have been degreased and sanded

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

The use of a clean tack rag is recommended to remove dust from the surface before topcoating.

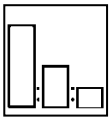
MIXING RATIO BY VOLUME



PRODUCT	PARTS
CC-9240	2
Carmaster Hardener	1
CS-3800	0 - 10%

FLEXIBILISATION recommendation over page…

FLEXIBILISATION



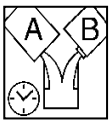
• AA-5656 *Protec* Flex Additive must be used at the following ratios when applying CC-9240 over plastics, to ensure proper flexibility of the clearcoat film:

PLASTIC TYPE	HARD PLASTICS	FLEXIBLE PLASTICS	HIGHLY FLEXIBLE PLASTICS
PRODUCT	**PARTS**		
Uncatalysed CC-9240	Not Required	5	2
AA-5656		1	1

Always add AA-5656 to CC-9240 first and thorughly mix → Then add hardener and reducer as per the normal recommendation above.

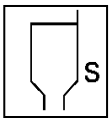
Note: Higher levels or AA-5656 will slow the drying time of CC-9240

POTLIFE



1 hour at 25°C.

SPRAY VISCOSITY



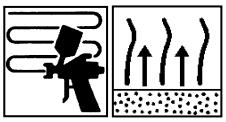
18 - 19 seconds (DIN 4) at 25°C.

SPRAYGUN SETTINGS *(GRAVITY)*

SETUP 1.3 - 1.4 mm

SPRAY PRESSURE
- HVLP / RP: 1.8 - 2.2 bar
- CONVENTIONAL: 3.0 - 3.5 bar

APPLICATION & FLASH OFF *(at 25°C)*



- COATS: Apply two even **full** coats, to achieve film build
- FLASH OFF BETWEEN COATS: 5 - 7 minutes

BAKING TIME & TEMPERATURE

BAKE: 40 minutes at 60°C

Note: Temperature shown is metal temperature

I.R.: 14 - 18 minutes (short wave)

Will vary depending upon equipment. Refer to equipment supplier

TOTAL DRY FILM BUILD

55 - 65 µm

OVERCOAT / RECOAT

TIME: Minimum of 8 hours after bake

Air dry overnight at 25°C

PREPARATION: P500 (dry) OR P800 (wet)

DE-NIBBING & POLISHING

Remove dirt if required using wet abrasive, no more than P1500 grit, then cut and polish.

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.

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Protec Pty Ltd. 5 Monahan Rd, Mt Wellington
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EMERGENCY RESPONSE NUMBER, New Zealand: 0800 000 096

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