



TECHNICAL DATA SHEET

CP-6120

**CARMASTER
2 PACK HI BUILD PRIMER FILLER**

PRODUCTS

Carmaster 2 Pack Hi Build Primer Filler	CP-6120
Carmaster Hardeners	CH-5100 or CH-5200
Carmaster GP 2 Pack Reducer	CS-3800

PRODUCT DESCRIPTION

CARMASTER 2 Pack Hi Build Primer Filler is a two pack acrylic urethane high build primer designed for use as a general smash quick drying high build primer filler that is easy to sand. It can also be thinned out and used as a primer surfacer, it offers excellent film build, sanding and gloss holdout. For large areas of bare metal use Protec Etch or Epoxy Primer under CARMASTER 2 Pack Hi Build Primer Filler. This product can be tinted with 606 line solid colour tinters up to a maximum of 10%.

SUBSTRATES & PREPARATION



Fully cured 2 pack refinish coatings that have been degreased and sanded.

Sound Automotive OEM coatings that have been degreased and sanded.

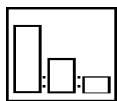
Small areas of bare metal that have been degreased and sanded.

Electrocoated new panels that have been degreased and sanded.

GRP Fibreglass that has been degreased and sanded.

Large areas of bare metal and areas where polyester body filler will be applied should be coated first with Protec Epoxy Primer AP-4110.

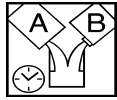
MIXING RATIO BY VOLUME



PRODUCT	PARTS
CP-6120	4
CH-5100 or CH-5200	1
CS-3800	10-30%

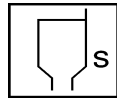
If tinting: Add up to 10% of 606 line tinter before adding hardener

POTLIFE



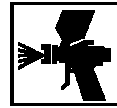
1 hour at 20°C

SPRAY VISCOSITY @ 20°C



19-24 Seconds (DIN4)

SPRAYGUN SETUP



1.6mm - 1.8mm

SPRAY PRESSURE

HVLP / RP

2 – 3 bar

CONVENTIONAL

45 – 55 PSI / 300-380 KPA

NUMBER OF COATS & FLASH OFF

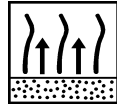


1st coat

Flash off

Apply an even medium coat

5 Minutes at 20c



2nd coat

Flash off

Apply an even wet coat

5 Minutes at 20c

3rd coat

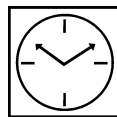
Apply an even wet coat

DRYING TIMES



Bake Temperature

65°C



Bake Time

40 Minutes

IR Time

12-16 Minutes (short wave)

Air Dry Time

Air dry overnight at 20c

Temperature shown is metal temperature

TOTAL DRY FILM BUILD

140 - 180 um

SANDING DRY

Finish with no coarser than P500 Dry



SANDING WET

Finish with no coarser than P800 Wet

OVERCOAT WITH

Carmaster 2 Pack Hi Build Primer Filler can be topcoated with Refinish basecoats or direct gloss solid colours. **Note: This product must be topcoated within 72 hours. The vehicle must be kept dry and free of moisture and contaminants during this period.**

EQUIPMENT CLEANING

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

HEALTH AND SAFETY

Please refer to Material Safety Data Sheets for full Health and Safety details.

Carmaster Hardeners and activated products contain isocyanate and therefore particular safety precautions must be taken.

Goggles must be worn when mixing and using to prevent accidental splashing into the eye. If contact occurs with eyes give prolonged irrigation with water and get medical attention immediately.

Good ventilation and extraction must be provided in the working environment.

Wear suitable protective equipment to prevent skin contact with this material.

When spraying this product the operator (and persons in vicinity) must wear suitable air-fed breathing apparatus. Do not smoke whilst using this material.

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 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 20°C/68°F. Film thickness, humidity and shop temperature can all affect drying times.

Before using refer to Material Safety Data Sheet obtainable from Protec Pty Ltd.

Follow all directions and warnings fully and carefully. Otherwise do not use this product

Protec Pty Ltd. 97-105 Bedford Street, Gillman, S.A. 5013 Australia

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