

## AP-6000

## PROTEC® ULTRASEAL

### PRODUCT DESCRIPTION

*Protec Ultraseal* is a two pack transparent sealer and adhesion promoter.

It can be tinted with up to 10% Paraglaze Gloss PT-G line tinters, and mixed with either Paraglaze or Carmaster reducers and hardeners.

*Protec Ultraseal* is used in wet on wet mode only and is most commonly used on new panels as an adhesion promoter over sound OEM electrocoat.

### PRODUCTS

<i>Protec Ultraseal</i>	AP-6000
Paraglaze Hardener Standard	PH-4200
Paraglaze Hardener High Temp	PH-4300
Carmaster Normal Hardener	CH-5200
Carmaster Slow Hardener	CH-5300
Paraglaze Reducer Low Temp	PS-6100
Paraglaze Reducer Standard	PS-6200
Paraglaze Reducer High Temp	PS-6300
Carmaster GP 2 Pack Reducer	CS-3800
<i>Protec Heavy Duty Wax &amp; Grease Remover</i>	AA-6822

### SUBSTRATES & PREPARATION



*Protec Ultraseal* can be applied over the following substrates once they have been prepared as follows:



#### SUBSTRATE

Sound OEM finishes and sound, fully cured 2 pack refinish finishes

New electrocoated panels

GRP & Fibreglass

#### PREPARATION

STARTLINE® P240 - P320 (dry)

*Startline* P240 - P320 (dry)

*Startline* P240 - P320 (dry)

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

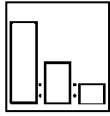
*Substrates other than those stated above should be tested before use, to ensure that the performance of this product is suitable for its intended use.*

*Continued over page...*

## 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

AP-6000

Hardener

Reducer

### PARTS

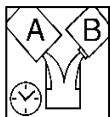
3

1

50%

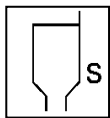
*If tinting: add up to 10% of Paraglaze Gloss (PT-G) tinter before adding hardener.*

## POTLIFE



Catalysed material is useable for up to 2 hours at 25°C.

## SPRAY VISCOSITY



12 - 14 seconds (DIN 4) at 25°C.

## SPRAYGUN



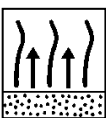
### SETUP

1.3 - 1.4 mm

### SPRAY PRESSURE

- HVLP / RP: 2.0 - 3.0 bar
- CONVENTIONAL: 3.0 - 3.8 bar

## APPLICATION & FLASH OFF (at 25°C)



- COATS: Apply 1 wet, even coat
- FLASH OFF BEFORE TOPCOATING: 15 minutes

## DRYING TIMES (only when topcoated)



### BAKE TEMP:

65°C

### BAKE & I.R. TIME:

Refer to topcoat Technical Data Sheet

## RECOAT TIME

Overcoat without sanding within 24 hours of application. In order to ensure good adhesion, if over 24 hours from Ultraseal application, or in order to remove dirt or defects, AP-6000 Ultraseal may be sanded after it has through dried (overnight at 20°C).

## TOPCOAT



AP-6000 may be topcoated with the following, or as advised by the *Protec* Technical Team:

- Two pack polyurethane topcoats such as Paraglaze Gloss, Carmaster DG and 625 Barrier Polythane
- Basecoats such as Paraglaze Basecoat

## 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, 14-20 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.