PROTEC AUTOMOTIVE PAINTS

TECHNICAL DATA SHEET

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

Protec Ultraseal	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
Protec Heavy Duty Wax & Grease Remover	AA-6822

SUBSTRATES & PREPARATION

Protec Ultraseal 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)
New electrocoated panels	*Startline* P240 - P320 (dry)
GRP & Fibreglass	*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.

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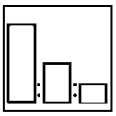
CLEANING

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

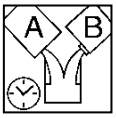
MIXING RATIO BY VOLUME



PRODUCT	PARTS
AP-6000	3
Hardener	1
Reducer	50%

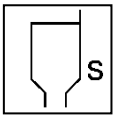
If tinting: add up to 10% of Paraglaze Gloss (PT-G) tinter before adding hardener.

POTLIFE



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

SPRAY VISCOSITY



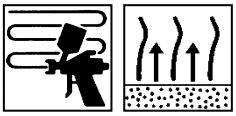
12 - 14 seconds (DIN 4) at 25°C.

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°).

TOTAL DRY FILM BUILD

15 - 20 µm with 1 coat

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.

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