PROTEC AUTOMOTIVE PAINTS

TECHNICAL DATA SHEET

PARA GLAZE

PARAGLAZE BASECOAT COLOUR

PRODUCT DESCRIPTION

Paraglaze Basecoat is a premium quality basecoat developed specifically to give solid, metallic and pearl colours the durability to withstand the harsh Australian conditions. The world-class technology offers easy and flexible application that delivers excellent metallic control and coverage and produces a quick drying, hard film that allows for easy rectification.

PRODUCTS

Paraglaze Basecoat	PM-BMIX
Paraglaze Reducer Low Temp	PS-6100
Paraglaze Reducer Standard	PS-6200
Paraglaze Reducer High Temp	PS-6300
(Basecoat Activator) Paraglaze 64 Hardener Standard	PH-6420
PROTEC® Clear Basecoat Blender	AA-5630
Protec Heavy Duty Wax & Grease Remover	AA-6822

SUBSTRATES & PREPARATION

Paraglaze Basecoat can be applied over:

- Sound OEM finishes that have been degreased and sanded
- Sound, fully cured 2 pack refinish finishes that have been degreased and sanded
- Paraglaze 2 pack primers that have been degreased and sanded
- Plastics that have been prepared and coated with a *Protec* plastics primer

Paraglaze Basecoat can NOT be applied:

- Directly over acid etch primers

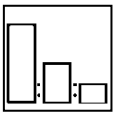
Substrates other than those stated above should be tested before use, to ensure that the performance of this product is suitable for it's intended use.

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

REDUCER SELECTION GUIDE

TEMPERATURE RANGE	REDUCER TO USE
10°C - 20°C *(mainly air dry use)*	PS-6100
20°C - 30°C *(most common choice)*	PS-6200
Over 30°C *(also for large areas)*	PS-6300

MIXING RATIO BY VOLUME



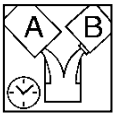
PRODUCT	PARTS
Paraglaze Basecoat	1
Paraglaze Reducer	1

BASECOAT ACTIVATION

PH-6420 Paraglaze 64 Hardener Standard can be used in Paraglaze Basecoat Colours but is recommended for use in commercial transport application only, where a higher than normal amount of impact is expected, to provide a tougher, more durable paint system with improved stone chip resistance.

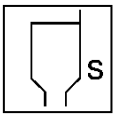
Add PH-6420 at 10% to Paraglaze Basecoat first and thoroughly mix → Then add Paraglaze Reducer at the normal recommendation above.

POTLIFE & SHELF LIFE



- Reduced mixed colours should be used within a week
- Un-reduced mixed colours can be stored in an air tight container for up to 3 months

SPRAY VISCOSITY



11 - 13 seconds (DIN 4) at 25°C.

SPRAYGUN SETTINGS *(GRAVITY)*

SETUP 1.3 - 1.4 mm

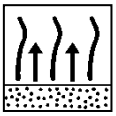
SPRAY PRESSURE
- HVLP / RP: 1.6 - 1.8 bar *(dropcoat at 1.2 bar, if required)*
- CONVENTIONAL: 2.0 - 2.5 bar *(dropcoat at 1.0 bar, if required)*

APPLICATION & FLASH OFF *(at 25°C)*

Apply one light, even coat.

Allow full flash off before applying the second coat.

Apply following coats as full, wet, even coats.



If required, a mist coat may be applied as a final coat while the previous coat is still wet. Do not apply a mist coat to a touch dry previous coat.

Allow 5 minutes flash off between coats.

NOVACHROME COLOURS

Apply 2 coats of PT-B462 Jet Black to achieve opacity. Do not exceed 25 microns dry film thickness.

Allow at least 30 minutes flash off before applying Paraglaze Novachrome

Apply one light, even coat.

Allow full flash off before applying the second coat.

Apply following coats as full, wet, even coats.

If required, a mist coat may be applied as a final coat while the previous coat is still wet. Do not apply a mist coat to a touch dry previous coat.

Allow 5 minutes flash off between coats.

NOTES:

• Paraglaze Basecoat should not be applied under 10°C

• Paraglaze Basecoat is a rapid drying basecoat. Baking and Infra Red curing are NOT recommended prior to applying the clearcoat

BASECOAT BLENDING

AA-5630 *Protec* Clear Basecoat Blender is a **ready for use** blending aid that has excellent clarity to give as seamless a blend as possible.
It can be used to assist in the blending of Paraglaze Basecoat, particularly light metallic colours, to minimise potential differences in colour between the original finish and the repair area. It will also aid in minimising the appearance of scratches in the basecoat.

RECOMMENDATION

1. Thoroughly flatten the area using a Grey Scouring Pad. The blend area should have a uniform matt appearance
2. Apply one coat of AA-5630 across both the repair area and the area to be blended
3. Apply Paraglaze Basecoat to opacity, as above
4. Add AA-5630 to Paraglaze Basecoat at 1:1 → Blend partway into blend area
5. Add 0.5 parts of AA-5630 to the above mix → Blend to the edge of the blend area
6. If further blending is required, add another 0.5 parts of AA-5630

Please be aware that applying many coats of the AA-5630/Paraglaze Basecoat mix may alter the colour of the blend area.

TOTAL DRY FILM BUILD

15 - 25 µm with 3 - 4 coats

TOPCOAT / RECOAT

RECOAT:

Denib with abrasive no coarser than P1200 to remove minor defects, then recoat with Paraglaze Basecoat.

TOPCOAT:

Time at 25°C: 15 minutes to 8 hours

If Paraglaze Basecoat is not clearcoated within 8 hours, it must be dry sanded with P800, cleaned thoroughly and recoated with Paraglaze Basecoat.

MULTISTRIPING

RECOMMENDATIONS for the best possible practices are as follows:

• Allow 15 minutes flash off at 25°C before masking and proceeding with the following colour. Longer flash off times in colder conditions may be necessary

• Avoid short flash off times and heavy coats when applying colour

• Avoid excessive film builds by not using a large number of multistripe layers over each other

NOTE: Do NOT wet sand large areas of Paraglaze Basecoat.
Custom or exotic finishes are excluded from coverage under the *Protec* Autoguard Lifetime Paint Warranty.

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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