
706 PARAGLAZE BASECOAT

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Revised: Nov 2008

DESCRIPTION

706 PARAGLAZE BASECOAT is a uniquely formulated, premium quality, high durability acrylic basecoat designed for the repair and refinishing of motor vehicles. It has been developed in Australia for Australian conditions, and is based on innovative technology.

706 PARAGLAZE BASECOAT TINTING SYSTEM consists of a range of individual tinters pigmented with the highest quality, light fast, automotive grade pigments. These tinters are carefully standardised and controlled to ensure uniformity of both tint strength and tone. Complimentary to these liquid tinters are Special Effect Powder Pearl tinters which have been specifically introduced to allow the ready matching of modern vehicle colours.

706 PARAGLAZE BASECOAT is specially designed to be over coated with two pack 606 PARAGLAZE ACRYLIC URETHANE CLEAR to achieve the brilliant "wet - look " appearance required in modern vehicle refinishing.

Note: Always check the colour is correct before use. If a background colour is recommended then make sure it is used. Never use a 706 tinter as a straight colour, always use a formulated colour.

FEATURES

706 BASECOAT exhibits the following outstanding properties:

- Excellent metallic control
- Excellent colour fastness
- Ease of application
- Outstanding durability and resistance to weathering
- Excellent flow and levelling
- Excellent adhesion

SUITABLE SUBSTRATES

- 706 PARAGLAZE BASECOAT may be applied over most properly prepared surfaces including original enamel, metal, fibreglass and plastic.
- Suitable surface preparation details can be obtained from the PROTEC TECHNICAL SERVICE DEPARTMENT.

PRIMING

- After appropriate surface preparation, apply 443 PARAFILL HS FILLER/SURFACER over the entire surface to be painted.
- 443 PARAFILL may be used as a filler, high build primer or primer surfacer.
- Sand wet, initially with 320 -400 grit paper and finish with 800 - 1000 grit paper prior to application of 706 BASECOAT.

HARDENER ADDITION

- Where excessive stone chipping damage is expected on a vehicle or it is likely that an excessive film build of 706 PARAGLAZE BASECOAT will be applied i.e. greater than 4 coats or 25 microns, it is recommended to add 10% by volume of 606 PARAGLAZE HARDENER – PACK B to the 706 PARAGLAZE BASECOAT prior to thinning with REDUCER.
- This recommendation is specifically for the above circumstances or where a higher than normal impact resistance is required such as on commercial vehicles, motor bikes or wheels.

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DRYING

Allow 706 PARAGLAZE BASECOAT to air dry 30 min at 25° C, or longer at lower temperatures or where film builds are high, prior to application of a minimum of two coats of 606 PARAGLAZE ACRYLIC URETHANE CLEAR . A dry film thickness of at least 50µm is recommended.

AIR DRY: At normal ambient temperatures of 20 -25°C 606 PARAGLAZE ACRYLIC URETHANE ENAMEL will be:

- DUST FREE 30 minutes
- TOUCH DRY 2-3 hours
- HARD DRY 16 hours
- Full cure will not be attained for at least 7 days.

LOW BAKE: Temperature referred to below is not booth air temperature but body metal temperature.

	60°C	40°C
• DUST FREE	10 minutes	5 minutes
• TOUCH DRY	30 minutes	15 minutes
• HARD DRY	60 minutes	30 minutes

THINNING

- 706 PARAGLAZE BASECOAT may be thinned with any ratio of paint to thinner between 1:1 v/v paint to thinner to 2:1 v/v paint to thinner.
- This means the basecoat can be thinned at any ratio between 50 to 100%.
- Use either, R198 BASECOAT REDUCER or R190 BASECOAT REDUCER SLOW.

SPRAY VISCOSITY

For best results, the spraying viscosity should be as follows:

At thinning 1:1 v / v (or 100% Reducer):

Solid Colours - 14 - 16 seconds BS4 at 25° C
Metallic Colours - 14 - 16 seconds BS4 at 25° C

At thinning 2:1 v / v (or 50% Reducer):

Solid Colours - 18 - 20 seconds BS4 at 25° C
Metallic Colours - 18 - 20 seconds BS4 at 25° C

APPLICATION

- Apply 706 PARAGLAZE BASECOAT colour thinned as detailed above, allowing 3 - 5 minutes air flash between coats.
- Apply 3 - 4 coats to achieve opacity and coverage depending upon the colour. Recommended dry film build 20 - 25 microns with 3 - 4 coats.
- Addition of 10% of 606 Paraglaze hardener to the unreduced basecoat will further toughen the film.
- While it is not necessary to do so if the correct basecoat film builds have been adhered to, it is a useful technique if the recommended film builds have been exceeded and the protective clear topcoat subsequently has become damaged or broken e.g. by stone chips.
- It is always recommended that damaged clearcoat be reinstated as soon as practical.

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NOTE: Allow 706 PARAGLAZE BASECOAT to air dry 30 min @25°C, or longer at lower temperatures or where film builds are high, prior to application of a minimum of two coats of 606 PARAGLAZE ACRYLIC URETHANE CLEAR. High groundcoat/basecoat film builds often occur during three layer applications so it is important to allow extra flash off time prior to applying the specific Protec clearcoat to prevent solvent entrapment causing durability issues. A dry film thickness of at least 50µm is recommended.

EQUIPMENT

Spray gun setup:

	Fluid Tip	Spray Pressure
Gravity Feed	1.4-1.6 mm	280 - 375 kPa
Suction Feed	1.4 - 1.8 mm	280 - 375 kPa

SPREADING RATE

- Practical spreading rate of 6 - 7 square metres per litre, depending on overspray.

PACK SIZES

706 PARAGLAZE BASECOAT MIXED COLOURS

- 4 Litres
- 3 Litres
- 2 Litres
- 1 Litre
- 500 mL

706 PARAGLAZE BASECOAT TINTERS

- 4 Litres
- 1 Litre

HEALTH AND SAFETY

Contains flammable volatile solvents. Store in a cool place. Contains lead pigments. Keep away from all sources of heat and open flames. Do not smoke whilst handling. Wear suitable protective clothing to avoid contact with skin and eyes and avoid breathing vapour. Do not spray in confined or poorly ventilated areas without the use of approved air supplied breathing apparatus.

FIRST AID

Eyes	If splashed in eyes, irrigate with copious amounts of clean water for 15 minutes. Seek medical aid if irritation persists.
Skin	If splashed on skin, wash affected area thoroughly with soap and water. If irritation persists seek medical aid. Remove all contaminated clothing and launder before re-use.
Inhalation	If affected by exposure to vapours, remove from area, keep at rest and seek medical aid if symptoms persist.
Ingestion	If swallowed, give glass of water to drink and seek medical assistance. DO NOT induce vomiting.

Consult separate Material Safety Data Sheet for more detailed Health and Safety information.