FREEWORLD
AUTOMOTIVE COATINGS

Data Sheet Number:
PTK-03-3
PTK Topcoats

PTK Topcoats: Plascon 2K Topcoats

- 2K MS Topcoat (including white, black, clear and a range of mixed colours)
- Excellent gloss and flow
- Mechanical and chemical resistance
- Easy to clean

Technical Description

- Mix 2:1 with Plascon 2K Hardener (PTK 202/3)
- Potlife: 2 hours @ 23°C
- Air / force drying possible

PTK Topcoats: Plascon 2K Topcoats

WORKING PROCESS:

2:1 MS System

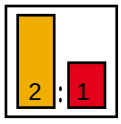
SUBSTRATE:

- Primed surfaces
- Apply to clean, dry and fully cured, painted surfaces
- Through-hardened sanded paintwork

PRETREATMENT / CLEANING:

Ensure that all surfaces are clean, free from Dust, oil, grease or other contaminants by using Acryline Precleaner (ATH 310)

APPLICATION:



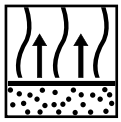
Mix 2:1 with Plascon 2K Hardener (PTK 202/3)

Use air fed respirator.
Refer to relevant Health and Safety Data sheets.

0 - 10% Plascon 2K Thinner (PTK 301/2)
18 - 20sec DIN 4 @ 23°C

1.3 - 1.4mm
HVLP: 1.8 - 2 bar
Conventional: 3 - 4 bar
2 - 4 coats = 30 - 40 micron (approx.)

1.5 - 1.7mm
Conventional: 3 - 4 bar
2 - 4 coats = 30 - 40 micron (approx.)



5min @ 23°C
Flash off between coats and final flash

Touch dry:	1 hour @ 23°C
Hard dry:	12 - 15 hours @ 23°C
Force dry:	30min @ 60°C

PTK Topcoats: Plascon 2K Topcoats

Flashpoint:	Specific Gravity:	Solid content:
23°C	0.99 - 1.05g/cm³ Depending on colour	+/- 50% (by weight) Depending on colour

Average DFT: Minimum 40 micron.

Raw Material: 2 pack Acrylic resins.

Cleaning of Equipment: Clean after use with Lacquer Thinners.

Shelf Life: 12 Months @ 25°C in original sealed packaging.

Important remarks:

- For professional use only.
- Plascon 2K Topcoat cannot be used over Acrylic lacquers.

Protect from sunlight

Working areas should be well ventilated.
Booth must have good extraction.
Refer to Material Safety Data Sheet (MSDS)

Protect from severe cold

This Product contains flammable materials.
Keep away from sparks & open flames.
No smoking permitted in the area.

Safety Precautions

- This product contains flammable materials. Keep away from sparks and open flames.
- No smoking should be permitted in the area.
- Caution - Clearcoat contains isocyanate. When spraying, operator must wear compressed air breathing apparatus or other suitable protection which is satisfactory for use with isocyanates.
- Working area must be well ventilated and booth must have good extraction.
- Refer to material safety data sheet (MSDS).

Warning:
2K Paints react with moisture. Therefore all equipment must be kept moisture free. Ready to use paint materials containing isocyanates can cause irritation of the mucous membranes - and of the respiratory organs, in particular - and cause hypersensitive reactions. There is a risk of hypersensitization if the vapour or spray mist is inhaled. When using materials containing isocyanates, all precautions relating to the handling of solvents should be carefully followed. In particular, care should be taken not to inhale spray mist or vapour. Asthma sufferers, those with allergies and anyone with a history of respiratory complaints must not be asked to work with products containing isocyanates.

Note:
The information contained here represents the current state of our knowledge and is intended as a guide to our products and their uses. It is not intended as an insurance of certain product properties or of their specific applications. The warnings displayed on the product labels should be followed. Any industrial property rights should be observed. We guarantee perfect product quality under the terms of our general conditions of sale.

Freeworld Automotive Coatings (Pty) Ltd:

Cape Town
P.O.Box 42
Eppingdust 7475
Tel: (021) 505-2400
Fax: (021) 534-3791

Durban
P.O.Box 1386
Durban 4000
Tel: (031) 451-3200
Fax: (031) 451-3408

Alberton
P.O.Box 136178
Alberton North 1456
Tel: (011) 861-0300
Fax: (011) 907-8858

Port Elizabeth
P.O.Box 1594
Port Elizabeth 8000
Tel: (041) 401-1400
Fax: (041) 453-4612