FREEWORLD
AUTOMOTIVE COATINGS

Data Sheet Number:
KNL-01-3
KNL Topcoats

KNL Topcoats: Flowline 1K Nitrocellulose Enamel

- Flowline combines the quick-drying properties of Nitrocellulose lacquers with the high gloss of an Alkyd Enamel
- A Nitrocellulose, 1K Topcoat
- Durable gloss with excellent flow
- A Nitrocellulose, 1K Topcoat (white, black, clear and a wide range of mixed colours)

Technical Description

- Quick Air Dry
- 2 - 3 coats = 20 - 30 microns

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WORKING PROCESS:

1K Nitrocellulose System

SUBSTRATE:

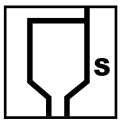
- Primed surfaces
- Apply to clean, dry and fully cured, painted surfaces
- Through-hardened sanded paintwork

PRETREATMENT / CLEANING:

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

APPLICATION:

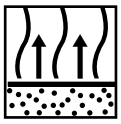
Use air fed respirator.
Refer to relevant Health and Safety Data sheets.



Flowline Thinner (KNT 1)
18 - 20 sec DIN 4 @ 23°C

1.3 - 1.4mm
HVLP: 1.8 - 2 bar
Conventional: 3 - 4 bar
2 - 3 coats = 20 - 30 micron (approx.)

1.5 - 1.7mm
Conventional: 3 - 4 bar
2 - 3 coats = 20 - 30 micron (approx.)



3 - 5min @ 23°C
Flash off between coats and final flash off

Touch dry:	15min @ 23°C
Handleable:	30 - 40min @ 23°C
Overcoatable:	1 hour @ 23°C

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Flashpoint:	Specific Gravity:	Solid content:
<23°C	0.97 - 1.06g/cm³ Depending on colour	+/- 28% (by weight) Depending on colour

Average DFT: 25 micron.

Raw Material: Nitrocellulose/Synthetic Alkyd combination.

Cleaning of Equipment: Clean equipment immediately after use with Lacquer thinner.

Shelf Life: 12 Months @ 23°C in original sealed packaging.

Important remarks:

- For professional use only.

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.
- Working area should 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.

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