FREEWORLD
AUTOMOTIVE COATINGS

Data Sheet Number:
APU-09-2
APU 107

APU 107: Acryline Etch Primer

- 1K Etch Primer
- Excellent adhesion
- Quick drying properties
- Easy application
- Good corrosion protection

Technical Description

- 2 coats = 25 microns
- Wet on wet application possible

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WORKING PROCESS:

1K Etch Primer

SUBSTRATE:

- Bare Steel, sanded
- Galvanized metal, sanded
- Fiberglass, sanded
- Aluminium, sanded

PRETREATMENT / CLEANING:

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

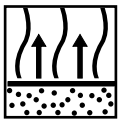
APPLICATION:

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

Thin with Acryline Thinner (ATH 301/2) to a viscosity of 18 - 20 sec. DIN 4 @ 23°C

1.3 - 1.4 mm
HVLP: 1.8 - 2.0 bar
Conventional: 3 - 4 bar
2 coats = 15 - 25 micron

1.6 - 1.8 mm
Conventional: 3 - 4 bar
2 coats = 15 - 25 micron



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

Air Dry: @ 23°C

Touch dry:	20 min
Wet sanding:	45 - 60 min
Dry sanding:	60 min

Wet sand P800 - P1000

Dry sand super fine hand pad or equivalent

Overcoat with Acryline 2K Filler/Top coat

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Flashpoint:	Specific Gravity:	Solid content:
23°C	1.1 g/cm³	38% (by weight)

Average DFT: 20 micron.

Raw Material: Polyvinyl Butyral. Corrosion resistant pigments and inert fillers.

Cleaning of Equipment: Clean after use with Lacquer Thinner.

Shelf Life: 12 months @ 20 - 25°C in original sealed packaging.

Important remarks:

- For professional use only.
- Acryline Etch Primer cannot be used over Acrylic lacquers or synthetic enamels.
- Not suitable for overcoating with Epoxy or Polyester products

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.

Warning:
Contact with skin and eyes should be avoided. Contact with eyes should be referred to a Doctor after washing with water. Gloves and goggles should be worn when handling these products, as well as suitable respiratory equipment. Ensure work area is well ventilated. Inhalation of spray mists must be avoided. Splashes of paint in eyes should be flushed out with water. Contact lenses, if in use, must be removed. Paint in contact with skin must be removed promptly and then washed with soap and water.

Note:
The information contained here represent 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 condition of sale.

Disclaimer:
The recommendations contained herein are given in all good faith and are meant to guide the specifier or the user. They are based on results gained from our tests and experiences and are believed to be reliable. No guarantee is implied by the recommendations contained herein since conditions of use, method of application and cleanliness of the substrate prior to painting are beyond our control.

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