Barloworld
Automotive Coatings

Data Sheet Number:
EP-01-1
EP 1

Refinish 1K Red Oxide Primer

- **1K Polyvinyl Butyral Primer**
- **Has good weld through properties**
- **Good adhesion & flexibility**
- **Fast drying**
- **Provides corrosion protection**
- **Resistant to oil spills & splashes**
- **Temperature resistant up to 220°C**
- **Can be over-coated with any of Barloworld Automotive Coatings' refinish systems**

Technical Description

- Easy application, this product can be used as a self-priming finish in a variety of applications. Ideal for use on vehicle chassis & underbody components, engine parts, and other steel substrates.
- Stir with flat paddle until completely homogeneous, airless spray, conventional spray, dipping & brush application methods.
- Store away from direct sun, heat, flames, sparks & severe cold.

Refinish 1K Red Oxide Primer

WORKING PROCESS:

1K Red Oxide Primer
Matt when dry

SUBSTRATE:

- Bare steel, sanded

PRETREATMENT / CLEANING:

Ensure that all surfaces are thoroughly clean, free from dust, oil, grease or other contaminants. Clean by using Acryline Precleaner ATH 310

APPLICATION:

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

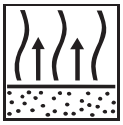
Application environment:
Surface temp: 5°C min 45°C max
Ambient temp: 5°C min 40°C max

Safety Precautions:
Refer to MSDS for complete information.

For application, thin 1:1 with KNT1 by volume to a viscosity of 18 - 20 sec.
DIN 4 at 23°C

1.4 - 1.5 mm
1.8 - 2.0 bar
2 - 3 coats = DFT of 15 - 35 micron

1.7 - 1.8 mm
3 - 4 bar
2 - 3 coats = DFT of 15 - 35 micron



5 min/23°C

Drying time: At 23°C

Touch Dry:	15 minutes
Dry to handle:	30 minutes
Recoating:	1 hour

Force Dry:
15 minutes/60°C

Dry sand with P400 - 500
Wet sand with P800 - 1000

Top coat with either PTK, APU, SAS or KNL

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Flashpoint:	Specific Gravity:	Solid content:
23 °C	0.99g/cm3	32% @ 130°C

Average DFT: 15 micron dry film thickness

Raw Material: Polyvinyl butyral, corrosion-resistant pigments
Alcohols, aromatic hydro-carbons and ketones

Cleaning of equipment: Clean after use with Plascon Lacquer Thinner

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

Important Remarks:

- For professional use only.
- Acryline Etch Filler cannot be used over acrylic lacquers. Synthetic enamels must first be primed with Acryline Filler (APU 105).
- This product cannot be used over **acrylic lacquers, (certain) air drying synthetics, uncured paint work, waterbased finishes and thermoplastic finishes**

HVLP Gravity feed 1.5 - 1.7 mm

Protect from sunlight

Protect from severe cold

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

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.

Barloworld 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