

Always use correct Personal Protective Equipment

1K-ETCH PRIMER

Description

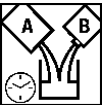


1K-Etch Primer is a one pack Phenolic Vinyl-Butyral self-etching primer, fast drying and anti-corrosive formula suitable for ferrous and non-ferrous metals.

1K- Etch Primer features excellent adhesion to all metals. The acid content in the primer promotes a chemical reaction with the metal surface, complementing the superior adhesion characteristics inherent with vinyl resins, ensuring optimum resistance to cracking, flaking or chipping.

As an adhesion promoting primer for iron, steel, aluminium and some zinc coated steel, 1K-Etch Primer is suitable under RALI one-pack and two-pack paint systems.

Products



Product Type: Vinyl Butyral / Phenolic
Colour: Grey, Red Oxide
Finish: Matt
Pot Life: Indefinite

Induction Time:
Density: 0.95-1.05 kg/L
Recommended DFT: 20-30 micron
Theoretical Coverage: 7.2m²/L @ 25 microns DFT

Properties

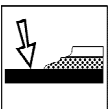


VOC: 658 g/L
Volume Solids: 18% (Grey)
Recoat-ability: Self recoat: any time
 Topcoat: 2 hours minimum (overnight curing is preferred).

Dry Time @ 20°C: Dust free: 10 minutes
 Touch Dry: 10-15 minutes
 Hard Dry: 40 minutes

Note: *1K-Etch Primer is not designed to give long term exterior protection and should be coated within two days.*

Substrates



1K Etch Primer can be applied over correctly prepared:

- Aged and fully cured Automotive finishes including Acrylic Lacquers and clear over base systems
- Glass Reinforced plastics (Fibreglass)
- Polyester body fillers
- Steel
- Aluminium (Suitably cleaned and prepared)

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Surface Preparation

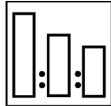


Ensure surfaces to be painted are clean, dry and free from all contamination and have been cleaned with Wax & Grease Remover (refer data sheet).

Abrade steel surfaces and treat all rust and corrosion with Rust Kill (refer data sheet) and again clean with Wax & Grease Remover.

Aluminium surfaces should be thoroughly cleaned abraded and chemically treated with Hydrafos (refer data sheet) and again cleaned with Wax & Grease Remover.

Directions For Use



Thinning & Clean up:

For Compliant / Conventional spraying a varying amount of thinning may be required depending on the individual set up. Thinning up to 50 -100% by volume with Etch Reducer will not affect the efficiency of the product. Light coats should be used as heavy coats can be detrimental to the adhesion.

Application Method:

Spray, brush or dip. Before dipping consult Resene Automotive and Performance Coatings Technical Department for suitability and specifications.

Spray Equipment:



Compliant / Conventional Suction and Gravity feed

Tip size: 1.4 – 1.8 mm

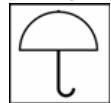
Air pressure: 280 - 380 kpa (40-55 psi)

Health & Safety



For detailed information refer to Safety Data Sheet (SDS). Avoid breathing vapour. Ensure adequate ventilation. Wear protective mask if working in confined spaces. Highly flammable - keep away from sparks and naked flames. If eyes become contaminated flush with water for fifteen minutes.

Transport & Storage



Sizes: 1L, 4L, 20L

Dangerous Goods: 3A

UN: 1263

Hazchem: 3(Y)E

Packing Group: III

Shipment name: PAINT Flammable

Flash point: Below 23°C

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