

Always use correct Personal Protective Equipment

# 1K ETCH PRIMER

## Description

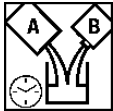


1K-Etch Primer is a one pack Phenolic Vinyl-Butyral self-etching primer, fast drying and anti-corrosive formula suitable for ferrous and non-ferrous metals.

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:** 7.2m<sup>2</sup>/L @ 25 microns DFT

## Properties



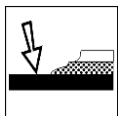
**VOC:** 658 g/L  
**Volume Solids:** 18% (Grey)  
**Recoat-ability:** Self recoat: any time  
 Topcoat: 2 hours minimum (overnight curing is preferred).

**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)

## Surface

Ensure surfaces to be painted are clean, dry and free from all contamination and have been

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**Preparation**

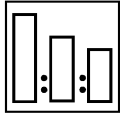


cleaned with Wax & Grease Remover (refer data sheet).

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

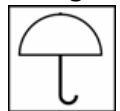
Air pressure: 280 - 380 kpa (40-55 psi)

**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:** II
- Shipment name:** PAINT Flammable
- Flash point:** 4°C

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