



TECHNICAL DATA SHEET

616 KING ETCH PRIMER

CURRENT AS AT: January 2014

- DESCRIPTION:** King Etch Primer 616 is a single pack epoxy resin based etching primer with excellent adhesion to a large number of metal surfaces and is pigmented with chromate free anticorrosive pigments to maximize corrosion protection. King Etch Primer 616 can be used over a large range of metal surfaces including mild steel, zinc plated steel, Zinccaneal, aluminium, chrome, galvanised iron, brass, copper, stainless steel, lead and alloys. King Etch Primer 616 can be used as a low film build conventional etching primer or as a metal primer at higher film builds. Adheres well to fibreglass.
- PRODUCT NO:** 616-1000 – King Etch Primer Black
616-6000 – King Etch Primer Grey
- DRYING TIME:** At normal ambient conditions and nominal film thickness of 20 microns.
- Dust Free: 3 – 5 minutes
Dry to Handle: 20 minutes
Recoat : 1 Hour
- RECOATING:** Allow 1 hour drying before recoating. In cooler conditions and depending on film build a longer recoating period may be necessary. King Etch Primer 616 can be recoated with a variety of topcoats, including air dry enamels, stoving enamels and two pack polyurethane coatings.
- COVERAGE:** Approximately 5 square metres per litre at 20 microns dry film thickness.
- THINNING:** The King Etch Primer 616 with up to 10% by volume with 500-0115 All Purpose Thinner.
- SURFACE PREPARATION:**
- Ensure that all surfaces to be coated are clean and dry and free from all traces of oil and grease.
- Steel: Remove mill scale, degrease and sand with 150 grade paper.
- Aluminium: Degrease and rub with Scotchbrite.
- Galvanised & Zinc Coated Steel: Degrease and sand with Scotchbrite.

- APPLICATION: Spray only.
- CONTAINER SIZE: 4 Litres, 20 Litres
- PRECAUTIONS: Highly flammable. Wear respirator when using in confined or poorly ventilated places. Thin only with 500-0115 All Purpose Thinner. Do not apply when temperature is below 10oC or relative humidity exceeds 85%.

HEALTH & SAFETY:

Contains highly flammable volatile solvents. Keep away from all sources of heat and open flames. Do not smoke whilst handling. Wear suitable protective clothing to avoid contact with skin and eyes and avoid breathing vapour. Do not spray in confined or poorly ventilated areas without the use of approved air supplied breathing apparatus.

FIRST AID:

- Eyes: If paint splashed in eyes, irrigate with copious amounts of clean water for 15 minutes. Seek medical aid if irritation persists.
- Skin: If paint splashed onto skin, wash affected area thoroughly with soap and water. If irritation persists seek medical aid. Remove all contaminated clothing and launder before re-use.
- Inhalation: If affected by exposure to vapours, remove from area, keep at rest and seek medical aid if symptoms persist.
- Ingestion: If swallowed give glass of water to drink and seek medical assistance. Do Not Induce Vomiting.

Consult separate Material Safety Data Sheet for more detailed Health and Safety Information

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