



# High Performance Paint Product Data Sheet



## EPS-10 ETCH PRIMER

55-64X SEP 16



**DESCRIPTION:** EPS-10 Etch Primer is a single pack anti-corrosive etch primer, based on vinyl/butyl resin and anti-corrosive pigments.

**TYPICAL USES:** Gives excellent adhesion and protection to various metals. May be used under various topcoats. May also be used as a concrete floor paint in low traffic situations.

**PERFORMANCE:** Excellent adhesion to aluminium, ferrous and non ferrous metals. Provides corrosion resistance. Suitable for interior and exterior use.

**LIMITATIONS:** Do not apply in temperatures below 8°C. Do not apply over existing coatings or damp surfaces.

#### TECHNICAL DATA:

Resin:	Vinyl/Butyl
Solvent:	Etch Primer Thinners
Finish:	Matt
Colour:	Std Colours
Touch Dry (minimum):	15 minutes @ 20°C.
Recoat Time (minimum):	2 hours
Primer:	
Number of Coats:	1 usually required
Dry Film Thickness:	10-12 microns at 14-12 m <sup>2</sup> /litre
Wet Film Thickness:	71-83 microns at 14-12 m <sup>2</sup> /litre
Durability:	
Thinning and Clean Up:	Etch Primer Thinners
VOC:	
Pot Life:	Not Applicable
Pack Size:	1, 4, 10 Litre

#### SPREAD RATE:

Theoretical Coverage: 12-14 m<sup>2</sup>/litre/coat.  
Coverage depends on surface profile and porosity.

#### COMPUTER CODES:

EPS-10 Etch Primer White	55-643
EPS-10 Etch Primer Black	55-647
EPS-10 Etch Primer Grey	55-649

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# EPS-10 ETCH PRIMER

## **SURFACE PREPARATION:**

(Refer to "Surface Preparation and Paint Systems" for full details). To ensure a successful application all surfaces to be coated must be clean, dry and stable.

### **ALL SURFACES:**

Before applying primer, ensure surfaces are free of dust, dirt, moss, by washing with water detergent mix and/or algacide, rinse well and allow to dry thoroughly.

### **GALVANISED IRON:**

Galvanised iron sheets that are lapped must be coated in the lap areas to stop corrosion.

**NEW:** All new galvanised iron has an oil/grease coating from roll forming and it must be removed before coating. This can be done by leaving the roof exposed to the elements for 3 months, before painting or by using a suitable "roof wash" solution. Wash as above.

**OLD:** Showing signs of corrosion in valleys. Wash all areas as above. Areas of rust must be wire brushed, to remove loose rust etc. Apply EMERTAN to convert any remaining rust. Wash area thoroughly and allow to dry.

### **ALUMINIUM/BRONZE:**

Remove all grease/oil.

### **STEEL/IRON:**

Remove all grease/oil. Remove all surface rust by abrasive blast to SA 2.5.

### **CONCRETE (NEW):**

If coating concrete, water blast area to remove any dust, dirt and loose material.

If tight surface, from power float or steel trowel, it's important to remove any laitance and provide an open profile to accept the first coat. Acid etch using 10% (no stronger) Hydrochloric Acid. Use CONCRETE ETCH 15% solution. Broom or spray apply. (Wear protective clothing, goggles). Allow to react for 10-20 minutes. Thoroughly rinse off with potable water. Allow to dry.

New Cementitious surfaces, allow to cure for 7 days minimum (28 days preferred).

## **APPLICATION:**

For corrugated iron add about 35% to the measured length x width, to get total flat area to be painted. For long run iron add about 45%.

Apply by brush, roller, spray or dip.

For concrete floors apply 2 coats. Allow 1 hour drying between coats.

**Spray:** Use conventional pot gun or airless spray, tip 409-513.  
May be thinned only with ETCH PRIMER THINNERS by 10-20%, if required.

## **THINNING & CLEAN UP:**

Use ETCH PRIMER THINNERS. DO NOT OVER THIN.

## **ENVIRONMENTAL:**

DO NOT POUR paint or wash down storm water or water courses. ALWAYS dispose of in accordance with local Government regulations. Soak up spills with absorbent material and dispose of properly. If spraying use suitable respiratory protection. Refer to the MATERIAL SAFETY DATA SHEET.