



## Vinyl Etch Primer Technical Data Sheet

Modified vinyl acid etch anticorrosive primer. BDC Vinyl Etch Primer is a high performance one component primer. It contains rust inhibiting pigments and phosphoric acid for corrosion protection and etching of ferrous and non-ferrous metals. Suitable substrates for BDC Vinyl Etch Primer include degreased iron, aluminium, bronze, copper, galvanised iron, steel and stainless steel. It is a fast air dry, anti-corrosive primer which exhibits, minimum “burn back” characteristics from welds, and is widely used as a holding primer for plates or structural steel. BDC Vinyl Etch Primer is therefore ideal for preparation on trailers, boats, tractors, cars and metal construction components, etc.

### Physical Properties

<b>Colour/Texture:</b>	Available in Black and Grey as a satin finish.
<b>Volume Solids:</b>	Approx. 14%.
<b>Product Density:</b>	0.9kg/litre.
<b>Drying Time:</b>	Tack Dry - 20-30 minutes in ambient conditions. Hard Dry - 2-3 hours in ambient conditions.
<b>Recoat:</b>	To obtain maximum intercoat adhesion BDC Vinyl Etch Primer should be recoated within 20-60 minutes.
<b>Flashpoint:</b>	11°C.

### Surface Preparation

For optimum results ensure material to be coated is free from rust, oil, grease and other contaminants e.g. mill scale. Use BDC Wax & Grease remover for degreasing. For spot priming on previously coated materials ensure all loose and flaking paint and rust is removed prior to application. For best results on exterior exposure BDC Vinyl Etch Primer should be overcoated. Ensure surface is above 10°C before application.

### Application Data

BDC Vinyl Etch Primer can be applied by brush, roller, conventional or airless spray and dipping.

<b>Recommended D.F.T:</b>	11-13 microns.
<b>Recommended W.F.T:</b>	90 microns.
<b>Theoretical Spreading Rate:</b>	11m <sup>2</sup> /litre.
<b>Thinners:</b>	Use only BDC Etch Thinners.
<b>Stability:</b>	BDC Vinyl Etch Primer will remain stable in airtight cans for periods of up to 12 months.

**NB:** Avoid breathing vapours. Use adequate ventilation.

### Precautions

21 Green Street  
P.O. Box 20-437  
Frankton  
Hamilton

Phone 07 850 6435  
Fax 07 850 6436  
Mobile 021 368 689  
Email [sales@bdcpaints.co.nz](mailto:sales@bdcpaints.co.nz)



For industrial use only. See the Brooke Dunn Coatings Limited product label and Material Safety Data Sheet (MSDS) for health and safety information prior to use.

BDC Vinyl Etch Primer is flammable. Keep away from heat, sparks and open flame. Use with adequate ventilation. May cause eye and skin irritation. Do not breathe vapour or spray. Wear suitable protective clothing such as gloves and eye and face protection.

**Disclaimer**

This is not a specification and all of the information is given in good faith. Since conditions of use are beyond the control of the manufacturer, information contained herein is without warranty, implied or otherwise, and final determination of the suitability of any information or material for the use contemplated, the manner of use and whether there is any infringement of patents is the sole responsibility of the user. The manufacturer does not assume any liability in connection with the use of the product relative to coverage, performance or injury. For application in special conditions, consult the manufacturer for detailed recommendations.