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# Polybond Ltd

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## 2 Pack Etch Primer - Technical Datasheet

### Product Function

A vinyl based etch primer giving excellent adhesion to a variety of substrates, particularly those regarded as 'difficult' i.e. aluminium, while improving corrosion resistance when used in conjunction with appropriate finishes ie. stoving enamels. The benefits of Two Pack Etch Primer include very fast drying and that it can be overcoated with a variety of primers and finishes.

### Surface Preparation

All surfaces must be clean, dry and free from surface contamination. Conventional degreasing methods may be employed using Solvent Degreaser, but for maximum efficiency, vapour degreasing is recommended.

### Application

Two Pack Etch Primer is recommended for use on mild steel, steel plate, aluminium, stainless steel and Zintec. Apply by conventional spray, allow 'flash off' for 10 to 15 minutes then force dry at 80°C for 10 minutes. Always spray in a warm dry atmosphere as high humidity or cold temperatures may retard drying times and affect adhesion.

### Properties

Flashpoint	In range under 22°C.
Shelf Life	6 months from date of manufacture in opened can.
Storage	Store in a cool dry place under temperatures of 10 to 15°C (in accordance with the highly Flammable Liquids and Liquefied Petroleum Gasses Regulations 1972)
Mixing Ratio	Blend 1 part base to 1 part reducer by volume prior to use. Allow to stand for 5 minutes. Only blend enough material for use in an 8 hour period.
Overcoating	Overcoating is strongly recommended within 30 minutes. Must be overcoated within 16 hours.
Coverage	A dry film thickness of 5-10 microns will give coverage of 6 - 7 square metres per mixed litre, but figures may vary.
Drying Times	These times are assuming that application takes place with an ambient temperature. Surface Touch Dry: 30 minutes Hard Dry: 8 hours Full Cure: 24 hours
Cleaning	The use of Gunwash is recommended for spray/gun/roller/brush cleaning.