

AIRSPPEED TWO PACK ETCH PRIMER

INTRODUCTION

A two pack etch primer providing adhesion to non ferrous surfaces such as zinc and aluminium and also to smooth ferrous substrates where high adhesion of the paint coating system is paramount. This product may also be used as a primer for shotblasted steelwork (conforms to BS 5493 Reference AP3A Blast Primers), and also as a pre-treatment for sprayed metal coatings (conforms to BS 5493 Reference CP2 Pre-treatments and Sealers for sprayed metal coatings).

AVAILABILITY

Supplied from stock in translucent yellow. Base Code.078/082. Catalyst Code CAT272.

PACKAGE SIZES

Supplied in 10 litre packs (5 litres of base and 5 litres of catalyst).

APPEARANCE

A yellow brown translucent film with a slight sheen.

COMPOSITION

Polyvinyl butyral phenolic pigmented with zinc tetroxychromate and extenders with a phosphoric acid catalyst together with a blend of alcohols and aromatic hydrocarbon solvents.

SOLIDS BY WEIGHT

29% Typical

SOLIDS BY VOLUME

15% Typical

VISCOSITY AS SUPPLIED

40 - 50 seconds (BS EN ISO 2431)

SPECIFIC GRAVITY

1.01 Typical

SURFACE PREPARATION

All surfaces must be clean and dry free from oil, grease and products of oxidation. Degreasing may be carried out by the utilisation of 800/002 Thinners or a suitable degreasing solution and the surface lightly abraded with wet and dry abrasive paper. Metal sprayed surfaces should be cleaned with a stiff bristle brush. Inadequate surface preparation will result in poor coating adhesion.

APPLICATION

Mixing - Thoroughly agitate base prior to use and mix the base with the catalyst in the ratio of 1 part of base to 1 part of catalyst by volume.

Formulated for application by conventional air assisted spray and airless spray.

An addition of 800/034 Thinner may be required to achieve optimum application viscosity. Typical air atomising pressure 40 - 60 Psi.

For airless spray a typical set up would be a tip size of 11 - 13 thous and a fluid pressure of 1800 Psi minimum.

Small areas may be brushed if required.

When used as a pre-treatment for metal spray, apply the material until absorption is complete.

On smooth substrates avoid excessive film builds.

THEORETICAL COVERAGE

Applied at 10²m per litre will give a DFT of 15µ. Corresponding WFT 100µ.

Losses on narrow section and bar may be considerable due to overspray.

DRYING TIME

Touch dry:	40 minutes at 20°C.
Dry for handling:	60 minutes at 20°C
Hard dry:	4 hours.

OVERCOATING

May be overcoated after a minimum of 4 hours drying with a wide range of single and two pack primers, intermediate and finishes of the Crosbie Coatings range and other suitable products.

SOLVENT FOR THINNING AND CLEANING EQUIPMENT

800/034 Thinners.

PRODUCT SAFETY INFORMATION

This data sheet should be read in conjunction with Product Safety Data Sheet 97.

ADDITIONAL INFORMATION

Crosbie Coatings Limited believe that the aforementioned information is to the best of our knowledge correct but no responsibility can be held for conditions of use beyond our control. Should there be any query as to the suitability for use please do not hesitate to contact the Technical Department of Crosbie Coatings Limited.