

UNIVERSAL HIGH BUILD PRIMER UNDERCOAT

INTRODUCTION

A single pack high build anti corrosive primer undercoat providing a tough durable anti corrosive coating with good adhesion, with the ability to be overcoated with the majority of single pack primers, intermediate and finishing coats. This product may also be overcoated with two pack polyurethane finishes if required (see note).

AVAILABILITY

Manufactured to customers order requirements subject to current minimum order size.

PACKAGE SIZES

Supplied in 5 litre lever lid cans, 20 litre pails and 200 litre barrels.

COMPOSITION

Modified short oil alkyd medium with organic and/or inorganic pigments in a suitable aromatic hydrocarbon solvent.

APPEARANCE WHEN DRY

Slight sheen finish.

SHELF LIFE

12 months in original unopened container

SOLIDS BY WEIGHT

60 - 65% Typical

SOLIDS BY VOLUME

40 - 45% Typical

SPECIFIC GRAVITY

1.30 Typical

FLASH POINT

26°C (Abel Closed Cup)

VISCOSITY AS SUPPLIED

1.5 - 2.5 Poise (ICI Cone & Plate)

DRYING TIMES

Touch dry: 20 minutes at 20°C

Dry for handling: 1 hour at 20°C

Hard dry: 6 - 8 hours.

Dry for overcoating: 6 hours minimum at 20°C (single pack materials)

Dry for overcoating: 24 hours minimum at 20°C (two pack materials)

SURFACE PREPARATION

Shot blasting to Swedish Std SA2½ or equivalent is the preferred method of preparation. If blast cleaning is not available surfaces should be clean and dry free from rust, millscale oil and grease. Surface preparation should be carried out by the utilisation of scrapers, wire brushes, abrasive papers etc. followed by de-greasing with a suitable solvent such as Crosbie 800/002 Thinners, or a suitable de-greasing solution. Inferior surface preparation will almost certainly result in inferior coating performance.

APPLICATION

May be applied by the following methods:

Airless spray - A typical set up would be a tip size of 13 - 18 thou and an atomising pressure of 2000 psi minimum.

Conventional spray - An addition of approximately 10 - 20% 800/002 Thinners will be required to achieve optimum atomisation viscosity. Atomising air pressure 40 - 60 PSI.

Brush - Ready for use by brush application. Suitable for small areas only.

Note

Where two pack materials are to be utilised as the finish, enhanced solvent resistance can be obtained from this product by mixing it in a ratio of 20:1 (P488:CAT230 Curing Agent) by volume and mixed thoroughly prior to use.

THEORETICAL COVERAGE

Applied at 10m² per litre will give a DFT of 40μ, corresponding WFT 100μ.
If applied by spray application losses on narrow section and bar may be considerable due to overspray.

OVERCOATING

May be overcoated with the majority of single pack and two pack polyurethane finishing systems. All recoating times must be observed.

SOLVENT FOR THINNING AND CLEANING EQUIPMENT

800/002 Thinners.

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.

HEALTH AND SAFETY INFORMATION

This Data Sheet should be read in conjunction with Product Safety Data Sheet 126a.