

Enviro Prime FM

High Performance, High Solids, Ferrous Metal Primer



DESCRIPTION

Enviro Prime FM is a high performance two component primer suitable for use on a range of ferrous metals.

Enviro Prime FM exhibits excellent adhesion to appropriately prepared mild steel, stainless steel and galvanized steel.

Enviro Prime FM is compatible with the Enviro HP Series Sprayed Elastomer range as a ferrous metal substrate and interface primer.

FEATURES

- Fast Drying
- Short recoat Timefrane
- Impact resistant
- Flexible
- Anti-corrosive
- High solids content
- Chemical resistant

TYPICAL USES

Enviro Prime FM as a primer to ferrous metal substrates prior to the application of Enviro HP Series Sprayed Elastomer range.

PHYSICAL PROPERTIES

Colour	Reddish
Mix Ratio (A:B)	1:1 (v/v)
Pot life at 23°C (min)	30
Solids Content by weight (%)	68

SUBSTRATE PREPARATION

Mild Steel – Low carbon

Prepare substrate uniformly by abrasive blast to achieve Class 2.5 profile (Near White Metal - AS 1627.4) with a surface profile of 75 microns. Remove all dust and any contaminants, including flash rust, prior to priming. Prime without delay.

Galvanised & Stainless Steel

Prepare substrate uniformly by low pressure abrasive blast using inert media such as garnet to achieve a roughened surface of flat appearance. Remove all dust and any contaminants prior to priming. Prime without delay.

For further information on substrate preparation or for project specific advice, please consult EnviroSystems.

customerservice@envirosystems.com.au

MIXING

Mix Enviro Prime FM Part A and Part B separately, then combine and mix together at low speed with mechanical mixer to a smooth and creamy consistency.



APPLICATION

Enviro Prime FM is best applied by siphon or pressure pot spray equipment. Airless spray can be used provided the minimum 25 µm DFT is achieved.

Apply in single wet passes with 50% overlap. Hold gun perpendicular to surface approx. 30cm away. The optimum film thickness is achieved when the film appearance is continuous, but mottled and translucent.

APPLICATION RATES

Min 25 µm DFT @ 22m²/L (approx. 180m²/kit)

Max 75 µm DFT @ 7m²/L (approx. 60m²/kit)

Note: 100 µm WFT = approx. 60 µm DFT

For further information regarding application of Enviro Prime FM or for project specific advice please consult EnviroSystems.

customerservice@envirosystems.com.au

COVERAGE

The consumption of Enviro Prime FM will depend upon substrate condition and type.

Theoretical coverage = 9m²/kg @ 60 µm

CURING

Cure times below are based on a temperature range of 22°- 26°

Surface Dry (hrs)	2 - 3
Hard Film (hrs)	3 - 5
Recoat min (hrs)	3 - 5
Full Cure (days)	4

PACKAGING

Enviro Prime FM is supplied in 9.7kg kits.

CLEANING

Clean all mixing and application equipment immediately after use with MEK, Acetone or Methylated Spirits.

SHELF LIFE

Enviro Prime FM can be stored in its original sealed containers for up to 24 months in controlled environments. Once opened and resealed for later use, the shelf life could vary depending on storage conditions. Always check product quality before using after prolonged periods of storage. If unsure please contact EnviroSystems for advice.

HEALTH & SAFETY ADVICE

Enviro Prime FM is non-flammable, however, as a precaution, always provide good ventilation when applying. Wash off splashes of material with clean water, wear gloves and eye protection. If irritation is experienced seek medical advice. Refer to the Safety Data Sheet for full safety and handling procedures.

NOTE: Safety Data Sheets are available upon request by emailing customerservice@envirosystems.com.au

We're here to help you!

It is a good idea to keep a journal of your waterproofing job, whether big or small.

- Take pictures at all stages of your work, including preparation
- Record the quantity and description of products used with corresponding batch numbers
- Record dates and times of when you applied products, from start to finish

Please do not hesitate to contact us for any questions you may have.

Address 295 Princes Highway, St Peters NSW 2044
Sydney, Australia
Phone +61 2 8595 8699
Fax +61 2 8595 8660
Email customerservice@envirosystems.com.au
Web www.envirosystems.com.au

DATE April 2016



STATEMENT OF RESPONSIBILITY

The technical information and application advice given in this publication is based on the present state of our best knowledge. As the information herein is of a general nature, no assumption can be made as to a product's suitability for a particular use of application and no warranty as to accuracy, reliability or completeness either expressed or implied is given other than those required by Commonwealth or State Legislation. The owner, his representative or the contractor is responsible for checking the suitability of products for their intended use. Note: Field service where provided, does not constitute supervisory responsibility. Suggestions made by EnviroSystems Technologies either verbally or in writing may be followed, modified or rejected by the owner, engineer or contractor since they, and not EnviroSystems Technologies are responsible for carrying out procedures appropriate to a specific application.