



Enviro SurfaPaint EPFr

Epoxy Floor Primer



DESCRIPTION

Enviro SurfaPaint EPFr is a two-pack solvent-free epoxy resin bonding and priming coat, designed for easy application, with good surface wetting properties.

It is principally designed to bond thin-section, resin-based screeds and toppings to cementitious and other surfaces. Conforms with low flame spreadability requirements.

FEATURES

- Solvent-free
- Easy application
- Suitable for heavy-duty traffic areas
- High resistance to chemicals

TYPICAL USES

Designed for a wide range of floors and walls with various levels of mechanical and chemical exposure. Specially designed for use with the traffic deck system for heavy duty traffic areas such as ramps, car parks, parking bays, pedestrian walkways, roof decks and industrial floors.

Recommended for cold stores, laboratories, hospitals, food and beverage plants, kitchens, high tech manufacturing facilities, dairies, warehouses, factories and hangars.

PHYSICAL PROPERTIES

Type	Epoxy-amine	Touch Dry Time	3h @ 20°C
Components	Base A & Hardener B	Dry Through Time	6h @ 20°C
Color	Transparent	Full Curing	7d @ 20°C
Thinner/ Cleaning Solvent	Enviro NPTA Thinner A	Min. Recoat Interval	8h @ 20°C
Mixing Ratio	2:1 (A:B per volume)	Induction Time	10min @ 20°C
VOC	80 g/L	Max. Pot Life	30min @ 20°C
Solids (%vol.)	100	Water Resistance	Excellent

Service

Temperature (Continuous, dry)	Max: 150°C Short: 180°C	Abrasion Resistance	Excellent
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SUBSTRATE PREPARATION

New Concrete Floors: New concrete must be clean, sound, dry and fully cured and surface laitance removed preferably by enclosed shot blasting or mechanical grinding. A minimum strength of 25N/mm² is required. Do not apply to substrates with moisture readings of 75% RH or above.

Existing Concrete Floors: Remove all dirt, oil, grease or other surface contaminants by enclosed shot blasting, scarification or mechanical grinding. Fats, oils or grease must be removed by mechanical means and detergent washing.

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

customerservice@envirosystems.com.au





MIXING AND APPLICATION

Mix the entire contents of the base with the hardener. If a separate mixing bucket is being used, mix thoroughly ensuring all contents of both components are removed from the buckets supplied. Mix using a slow speed electric mixer for approximately two minutes or until the two components have fully combined. The mixed unit should be applied immediately by roller or brush with a consistent procedure. Floor areas should be cross-rolled to ensure even application and to minimise roller mark.

The ambient temperatures of the areas should not be allowed to fall below 10°C throughout the application and the curing period, as this could have an adverse effect on the appearance and colour of the system.

Surface temperature must be above 5°C. It is recommended that the application area is heated to a minimum temperature of 15°C to allow the ambient and substrate temperature to stabilise prior to installation.

COVERAGE

	Minimum	Maximum	Recommended
Dry Film Thickness (µm)	80	150	100
Wet Film Thickness (µm)	80	150	100
Coverage Rate (m ² /L)	12.50	6.65	10.00

PACKAGING & COLOURS

Enviro SurfaPaint EPFr is supplied in 20L kits.
Part A – 13.4L
Part B – 6.6L

SHELF LIFE

Enviro SurfaPaint EPFr can be stored in its original sealed containers for 18 months, when placed in a cool environment above 4°C. 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

Read label before use. Refer to the Safety Data Sheet for full safety and handling procedures.

NOTE: Safety Data Sheets are available under the individual product page on our website or 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.

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