

Enviro Epoxy WB

Water-based Self-priming Epoxy Floor Coating

DESCRIPTION

Enviro Epoxy WB is a two-part, water-based epoxy coating offering excellent chemical and wear resistance. It is self-priming, fast curing, non-flammable and suitable for commercial, industrial, and residential environments.

AREAS OF USE

SURFACES: Concrete, blockwork, renders and screeds, compressed fibre cement, wet-area plasterboard, masonry, and stone.

AREAS: Food production, commercial kitchens and laundries, wastewater and water treatment, dairy, sugar and textile production, internal car parks, chemical production, warehouse floors, mining, and residential garage floors.

FEATURES & BENEFITS

- Easy 2-coat application
- High build
- Self-priming
- Non-flammable, very low VOC
- Fast curing
- Chemical resistant and durable
- Factory tinted Koala Grey

PRODUCT INFORMATION

Packaging	8L Kit – Part A 6L / Part B 2L
Mix Ratio	3 : 1 by Volume; 100 : 27 by Weight
Colour	Koala Grey (AS 2700 N45), Satin Finish
Shelf Life	12 months in original sealed containers in a controlled environment

PHYSICAL PROPERTIES

Property	Test Method	Test Result
Solids Content	–	61–63% by Volume
Specific Gravity	–	1.3
Dust-free Time @ 25°C	–	30 minutes
Pot Life @ 25°C	–	45 minutes
Overcoat Window	–	Min. 5 hours – max. 24 hours

Property	Test Method	Test Result
Full Cure @ 25°C	–	5 days
Application Temperature	–	10°C to 35°C (substrate)

COVERAGE RATE

Application	Litres/m ²	Coats	Finished DFT
Floors – 2 Coats	0.12 per coat	2	150 µm

Approx. 67m² per 8L Kit per coat (WFT 120 µm per coat).

SUBSTRATE PREPARATION

All defective host substrate must be removed prior to application, including cracked or structurally weakened surfaces and chloride-contaminated or carbonated concrete. A concrete corrosion expert must be consulted for critical projects or structural applications.

The surface must be dry, clean, and sound, free from dust, laitance, and grease. Prepare to a minimum CSP3 profile by shot-blasting, scarifying, mechanical chipping, or high-pressure water blasting.

- New concrete – cured min. 28 days, under 4.5% moisture
- Concrete blockwork – cured min. 28 days
- Renders and screeds – cured min. 7 days, under 4.5% moisture
- Compressed fibre cement (min. 15mm)
- Plasterboard walls – wet area grade only (min. 10mm)
- Masonry and stone surfaces

Priming: Self-priming – no separate primer coat required.

APPLICATION

Mixing: Pour all of Part B into Part A (the Part A pail can be used as the mixing vessel) and mix at low speed (less than 400 rpm) for 5 minutes or until uniform.

Application: Apply within the pot life by brush, roller, or spray in 2 coats to a minimum DFT of 150 µm. For a non-slip finish, broadcast aggregate into the first coat, cure, and remove excess before the second coat.

Curing: Generally able to recoat after 2 hours and open to foot traffic after 6 hours. Vehicle traffic after 5 days. Allow 5 days at 25°C before chemical exposure.

For applications or situations not covered above, contact Enviro systems technical support.



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CLEANING

Clean tools and equipment with water before hardening. Cured material can only be removed mechanically.

LIMITATIONS

- Apply only at substrate temperatures between 10°C and 35°C.
- Do not expose to chemicals within 5 days.

HEALTH & SAFETY ADVICE

Enviro Epoxy WB is non-hazardous according to Safe Work Australia criteria. As a precaution, provide good ventilation, wash off splashes with clean water and wear gloves and eye protection. If irritation occurs, seek medical advice. Refer to the Safety Data Sheet for full safety and handling procedures.

KEEP OUT OF REACH OF CHILDREN

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 or 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, either verbally or in writing may be followed, modified, or rejected by the owner, engineer, or contractor since they, and not EnviroSystems, are responsible for carrying out procedures appropriate to a specific project.

NOTE: All products manufactured by EnviroSystems comply with the description and properties indicated in the technical data sheet that was current at the date of manufacture.

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