



Enviro Admixture 1

Waterproofing Compound for Mortar and Concrete



DESCRIPTION

Enviro Admixture 1 is a unique liquid chemical treatment for the waterproofing, protection and improvement of concrete. It reacts with the constituents the cement mix to block the capillaries and pores in concrete and mortar. While blocking the passage of water it allows the structure to breathe.

FEATURES

- Ready to use
- Non-toxic
- Non-corrosive
- Chloride free
- Non-flammable
- Allows concrete to breath

TYPICAL USES

Enviro Admixture 1 is suitable for use on:

- Filter beds
- Water reservoirs
- Subways
- Sewerage
- Tunnels
- Shelter rooms and fortification works
- Water engineering
- Secondary containment structure
- Foundation
- Swimming pools
- Roof Decks

PHYSICAL PROPERTIES

Type	Viscous liquid
Colour	Clear
pH Value	10+/- 1.0
Application Range	8-32°C
Usage	Can be used in most types of concrete and mortar containing ordinary Portland cement.

MIXING

For pre-mix concrete Enviro Admixture 1 added at the batching plant by dispensing directly into the mixing water.

For onsite batching of concrete or mortar dilute Enviro Admixture 1 with the mixing water in accordance with the stated dosage rate. This dilution is best carried out by first mixing an equal volume of Enviro Admixture 1 with water and then adding the remaining water.

APPLICATION

Enviro Admixture 1 must be added to the concrete at the time of batching. The sequence of procedures for addition will vary according to the type of batch plant operation and equipment.

For use with Enviro Admixture 1 in non-batch plant situation, refer standard dosage levels.

Trial mixes must be carried out under project conditions to determine setting times, strength of concrete etc.

NOTE: For details for use of Enviro Admixture 1 in the following applications;

- Rendering/Scree
- Rendering – to resist dampness (above ground level)
- Waterproofing Floor Topping

Please consult EnviroSystems.

For further information regarding application of Enviro Admixture 1 or for project specific advice please consult EnviroSystems.

customerservice@envirosystems.com.au





DOSAGE

Standard Dosage – 9L/m³ is recommended for concrete with a minimum cement content of 320kg/m³.

Mortar & Grouts – add to batch water at a rate of 1-part Enviro Admixture to 8 parts water (for wet sand increase dosage ratio to 1:6).

PACKAGING & COLOURS

Enviro Cemflex is supplied in 20L and 205L drums.

CLEANING

Enviro Admixture 1 should be removed from all tools and equipment with water.

SHELF LIFE

Enviro Admixture 1 can be stored in its original sealed containers, protected from direct sunlight and frost for at least 12 months. 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, contact EnviroSystems for advice.

HEALTH & SAFETY 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.

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