



Enviro Epoxy B-NS

Solvent Free, Non-Sag, Epoxy Mortar Binder



DESCRIPTION

Enviro Epoxy B-NS is 100% solids, solvent free, thixotropic epoxy mortar binder suitable for structural concrete repairs in vertical and overhead applications. Epoxy B-NS has a proven history in concrete repair, bonds to a variety of substrates and performs well in the most demanding environments.

FEATURES

- Very Low VOC
- Restores structural design strength
- Chemically Resistant
- Adheres well to Cured Polyurethane
- Excellent Adhesion
- Waterproof
- Multi-Purpose Use

TYPICAL USES

Enviro Epoxy B-NS is a non-sag two part epoxy material that is suitable for use as an adhesive. It is used in conjunction with Enviro HP1200 as a direct adhesive material, and it can also be used to bind materials to cured membranes including polyurethane and epoxy.

- Concrete Crack Repair
- Spalling Repair
- Water Treatment and Supply
- Adhesive for Bonding to Concrete
- Adhesive for Immersed Applications
- Production to Non-Sag Mortars
- Waterproofing of Damaged Concrete
- Waterhouse Floor Repair
- Grouting of Bolts and Anchors

PHYSICAL PROPERTIES

Tensile Strength	14 MPa
Compressive Strength	55 MPa
Mixing Ratio	2A:1B v/v
Solids content	100% v/v
Tear Strength	2.7 MPa
Working Time	1 hour at 25°C

SUBSTRATE PREPARATION

The surface must be clean, sound and free from all loose particles, including dust, laitance, grease or any other foreign matter. The substrate must be prepared by way of degreasing, grinding or captive shot blasting to expose the aggregate and provide a profile. Allow floor to dry if degreasing has been carried out before applying Enviro Epoxy B-NS.

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

customerservice@envirosystems.com.au

PRIMING

Priming may be required in certain circumstances, if required apply Enviro Epoxy B-LV.

NOTE: For further information on applications that may require priming or for project specific advice, please consult EnviroSystems.

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MIXING

To mix add Part B, paste hardener, to the Enviro Epoxy B-NS Part A base. Enviro Epoxy B-NS should be thoroughly mixed with a mechanical mixer at low speed with a suitable mixing paddle attached. Mix for 5 minutes or until uniform.

APPLICATION

Enviro Epoxy B-NS can be applied using a trowel or a squeegee. Apply sufficient material to completely fill the void ensuring material is worked well into and completely wets out the substrate.





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When using Epoxy B-NS to prepare a non-sag mortar, mix parts A and B thoroughly and then add clean 600µm aggregate in the ratio 2 aggregate: 1 epoxy. Enviro Epoxy B-NS can also be used as primer/binder for a wide variety of systems such as Enviro HP 1200, Enviro Epoxy RC, Enviro Epoxy WB and also polyurethane and acrylic membranes. Refer to appropriate data sheet for application recommendations.

For further information regarding application of Enviro Epoxy B-LV or for project specific advice please consult EnviroSystems.

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RECOAT

Enviro Epoxy B-NS generally can be recoated after allowing to cure overnight.

CURE

Floors coated with Enviro Epoxy B-NS can be open to pedestrian traffic generally 24 hours after curing of the final coat, and vehicular traffic after 3 days.

NOTE: The coating must be allowed to cure for 7 days at 25°C, before being subjected to chemicals.

COVERAGE

The consumption of Enviro Epoxy B-NS will depend on the type of substrate and its condition. Refer to EnviroSystems for further advice.

PACKAGING & COLOURS

Enviro Epoxy B-NS is supplied in 30L kits proportioned ready for mixing.

CLEANING

Enviro Epoxy B-NS should be removed from all tools and equipment, prior to hardening with Enviro Thinners No. 7. Observe all OH&S and Safety Data Sheet information pertaining to safe usage and handling of solvents. Cured material can only be removed mechanically.

SHELF LIFE

Enviro Epoxy B-NS can be stored in its original sealed containers for up to 24 months when placed in a cool controlled environment. 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 under, please contact EnviroSystems for advice.



HEALTH & SAFETY ADVICE

Enviro Epoxy B-NS is non-hazardous according to Safe Work Australia criteria, 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.

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environmentally responsible technology

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