

enviro epoxy SL

High Performance Self Leveling Flooring System



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Description

Enviro Epoxy SL is a seamless, durable and chemically resistant three component epoxy resin system. Enviro Epoxy SL produces a hard wearing, durable, hygienic and easy to clean surface suitable for commercial, industrial and residential vehicular and pedestrian traffic.

Advantages

- Fast Application
- Chemically resistant
- Wide colour range
- Pre Packed and proportioned
- Excellent abrasion resistance
- Very low VOC
- Hygienic - impervious surface
- Easy to clean

Uses

- Clean rooms
- Plant rooms
- Showrooms
- Warehouses
- Medical facilities
- TV studios
- Laboratories
- Food processing facilities

Physical Properties

Enviro Epoxy SL is supplied as a 3 component high performance self leveling flooring system. Part A: Base, Liquid Part B: Hardener, Liquid Part C: Aggregate (fillers) (colour pack or factory tint required) Slowly add the fillers, and colourpack. Mix until the product is uniform.

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|------------------------|----------|-----------------------|----------|
| • Compressive Strength | 90 MPa | • Flexural Strength | 30 MPa |
| • Shelf life | 2 years | • Foot Traffic | 24 hours |
| • Vehicle Traffic | 48 hours | • Chemical resistance | 7 days |

Application Directions

Substrate Preparation

The surface must be clean, and free from all loose particles, including dust, all laitance, greases, coatings, curing compounds, 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 SL.

Priming

Apply 1 coat of Enviro Epoxy B to the prepared substrate at 8 – 10m² /L. Allow primer to fully cure and ensure no pinholes exist before topcoating with Enviro Epoxy SL.

Mixing

If using a colour pack ensure the colour pack is added to part A only and mixed well before adding part B. Both components are to be mixed until uniform. Slowly add fillers and mix until uniform.

Application

Mix only sufficient material as can be applied within the specified work time. Enviro Epoxy SL can be applied with a notched or flat trowel. Spread evenly over the prepared surface to a thickness of 2mm. Over roll with a spiked roller to remove any entrapped air.

Packaging

Enviro Epoxy SL is supplied in a 10 ltr kit proportioned ready for use

Curing

Cure Time

Foot Traffic - 24 hours

Vehicle Traffic / Chemical resistance - 7 Days

Cleaning

Enviro Epoxy SL should be removed from all tools and equipment, prior to hardening, with Enviro Thinners No.1 or Thinners No.7. Observe all OH&S and MSDS information pertaining to safe usage and handling of solvents. Cured material can only be removed mechanically.

Shelf Life

Enviro Epoxy SL can be stored in its original sealed containers for 24months in controlled environments.

Safety Advice

Enviro Epoxy SL contents are considered non-flammable. Always provide adequate ventilation and wear appropriate Personal Protection Equipment (PPE) during use. Avoid contact with skin. Avoid breathing vapours. Wear protective eyewear. If swallowed, DO NOT induce vomiting, have plenty of water or milk. Seek immediate medical advice. Wash off splashes of material with clean water and soap. If irritation occurs seek medical advice. Refer to MSDS.

KEEP OUT OF REACH OF CHILDREN.



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Statement of Responsibility

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Note:

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