



ENIPOXY-HB 336

HIGH BUILD FLOOR EPOXY

DESCRIPTION

ENIPOXY-HB 336 is a 2-component polyamide cured high build epoxy coating. **ENIPOXY-HB 336** provides excellent chemical & weather resistance in moderately to severely corrosive atmospheric conditions. **ENIPOXY-HB 336** provides a seamless membrane that adheres strongly to bare steel, epoxy primer coated, inorganic zinc silicate primer coated surfaces and concrete etc., forming a tough & hard, abrasion & corrosion resistant, durable film. **ENIPOXY-HB 336** can be applied on aluminium, stainless steel, galvanized steel surface, concrete piers and superstructures and pipelines. **ENIPOXY-HB 336** provides excellent mechanical properties, chemical and saline water resistance and also provides excellent resistance to lubricating oils, petroleum and related products.

RECOMMENDED USES

- Can be used as a rust preventing coating for concrete and steel tanks and other surfaces
- As a heavy-duty abrasion resistant coating on steel exposed to abrasion.
- Used as high performance coating in Chemical Industries, RCC structures, Pharmaceutical and paper industries, Waste Water treatment plants, Oil Refineries and Textile fields.

TECHNICAL DETAILS

Colour	All standard shades
Finish	Available in Semi glossy , Eggshell & matt
Solids by volume	60 ± 3 %
Pot Life	4-6 Hrs
Cure Time	over night (not more then 7 days)
Over coat Interval	16-24 hours
Light traffic after	3 days
Full Cure	7 days

ADVANTAGES

ENIPOXY-HB 336 provides a crack free heavy-duty surface; it is anticorrosive in nature, helps structure to prevent corrosion and abrasion.

SURFACE PREPARATION

For New Concrete:

These should normally have been placed for at least 28 days and have moisture content of less than 5%. Floors should be sound and free from contamination such as oil and grease, mortar and paint splashes or curing compound residues. Excessive laitance can be removed by the use of mechanical methods. Dust and other debris should then be removed by vacuum cleaning.

For Old Concrete:

A sound, clean substrate is essential to achieve maximum adhesion. As for new concrete floors dry removal of laitance by use of mechanical methods is preferable. Oil and grease penetration should be removed by the use of a proprietary chemical degreaser or by hot compressed air treatment.

For Steel/GI structures:

Clean the surface and remove all the deposits, heavy sanding is recommended for damaged areas of old structures, high build epoxy primer ENIPOXY PR is recommended to achieve ultimate bonding.

METHOD OF APPLICATION

Priming

Concrete should be primed with **ENIPOXY PR**. **ENIPOXY PR** should be mixed in the proportions supplied. Add the entire contents of the hardener cane to the base cane. Mix it using a slow speed drill and paddle; the primer should be applied in a thin continuous film, using airless spray, rollers or brushes. Prime the surface carefully to avoid ponding or over application. The primer should be left to achieve a tack-free condition before applying the topcoat. A second coat of primer may be required if the substrate is excessively porous.

Mixing & coating

The base and hardener components of **ENIPOXY-HB 336** should be thoroughly stirred to mix.

The entire contents of the hardener container should be poured into the base container and the two materials mixed thoroughly, then add the Pigments of desired colour and mix for at least 3 minutes.

Standard application

The first coat of **ENIPOXY-HB 336** should be applied using a good quality medium haired pile brush/airless spray. A minimum film thickness of 100 microns should be applied. This can be increased where specifications demand. Allow base coat to cure (18 hours @ 30°C or 12 hours at 40°C). The topcoat can be applied by medium haired brush/airless spray, at minimum Dry film thickness of 150-250 microns.

STORAGE

Minimum 18 months in unopened container. Store away from sunlight and preferably below 30°C.

PACKING

ENIPOXY-HB 336 is available in 20 Liter Dual Pack.

Note: -All information is given in good faith on the results gained from experience and tests. However all recommendations of suggestion are made without guarantee since we do not have any control on the site conditions and its uses.

SAFETY

ENIPOXY-HB 336 is safe, non-toxic, and eco-friendly and presents no health hazard. As with all chemicals, caution should always be exercised. Protective clothing such as gloves and goggles

INHALATION: Inhalation of vapor or mist should be avoided. Symptoms include coughing, wheezing, laryngitis, and shortness of breath, headache, nausea, and vomiting. Immediately shift victim to fresh air, and, if needed immediately start artificial respiration. Give oxygen if breathing is labored. Get emergency

EYE CONTACT: Flush eyes with water for 15 minutes and call for medical help.

INGESTION: causes nausea, vomiting, and loss of consciousness. If accidentally swallowed do not induce

SKIN CONTACT: Flush with water or soap and water until all traces have been removed. Seek medical attention if required.

Technical Support:



& Polymertech UK Ltd.
CN-07468396
United Kingdom

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(ISO 9001:2000)