



# ENIPOXY-PR

## HIGH BUILD EPOXY PRIMER

### DESCRIPTION

ENIPOXY-PR is two components based 100% epoxy primer with excellent corrosion resistance and adhesion to the bare metal, concrete etc. It is suitable of base coat primer for any flooring system.

### ADVANTAGES

- **Excellent adhesion** – Have an excellent adhesion with almost all building materials.
- **Abrasion resistant** – Provide resistance to abrasion and to a wide range of chemicals
- **Chemical resistant** – Provide resistance against a wide range of industrial chemicals

### RECOMMENDED USES

Used as an ideal primer in moderate to severe corrosive industrial & marine atmospheric conditions. It is used for excellent bonding & resistance to corrosion.

### TECHNICAL DETAILS

Colour	Clear Liquid
Gloss	Semi Gloss/Glossy
Volume Solids	100%
Maturation Time	10-15 Minute
Drying Time	Touch dry - 2 - 3 hrs Hard Dry - Overnight
Pot Life	4 minute @ 30°C
Recommended DFT	100 Micron
Cure Time	18 hours @ 30° C
Over coat Interval	8-10 hours @ 30° C
Light traffic after	18 hours @ 30° C
Full Cure	36 hours @ 30° C
Flash point	50° C

### 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.

### METHOD OF APPLICATION

Concrete should be primed with **ENIPOXY PR**. ENIPOXY PR should be mixed in the proportions 2 parts of Base to 1 part of Hardener (by volume). Add the entire contents of the hardener can to the base can. Mix it using a slow speed drill and paddle; the primer should be applied in a thin continuous film, using rollers or stiff brushes. Prime the surface carefully to avoid pounding 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.

### SAFETY

**ENIPOXY-PR** 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.

#### STORAGE

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

#### PACKING

ENIPOXY-PR is supplied in 20 ltrs dual cans.

Technical Support:



& Polymertech UK Ltd.  
CN-07468396  
United Kingdom

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