



ENIPOXY SR 351

SCREED EPOXY FLOOR TOPPING

DESCRIPTION

ENIPOXY SR 351 is specially selected epoxy screed system, for heavy-duty industrial flooring.

ADVANTAGES

- Has excellent abrasion and chemical resistance, and a medium resistance for impact at higher thickness of application.
- Easily applied as a universal screed in all industries with a coloured over coating of epoxy / PU.
- Can also be used for small repairs of floors, etc
- It is seamless, eliminates problem of joints
- Excellent chemical resistance.

Citric acid 10%	Excellent
Tartaric acid 10%	Excellent
Hydrochloric acid 25%	Excellent
Sodium hydroxide 50%	Excellent
Diesel fuel/petrol 100%	Excellent
Sulphuric acid 10%	very good
Suger solution saturated	very good
Lactic acid 10%	very good
Hydrocarbons 100%	very good
Phosphoric acid 10%	very good
Nitric acid 10%	Good
Acetic acid 5%	limited

RECOMMENDED USES

- Pharmaceutical industries
- Chemical plants
- Manufacturing plants
- Warehouses
- Showrooms
- Auto/truck repair bays
- Laboratories
- Hospitals

TECHNICAL DETAILS

Compressive strength	1 day: 54 Mpa 7 days: 82 Mpa 28 day: 90 Mpa
Flexural strength	35 N/mm ²
Tensile strength	17 N/mm ²
Flexibility	Excellent
Abrasion resistance	Excellent
Weathering	Good
Solid content	100%

COVERAGE

27 kg. Pack covers 2 sqmt at 5000 microns thickness.

SURFACE PREPARATION

Concrete must be clean and rough. All oil, dirt, debris, paint and unsound concrete must be removed. The surface can be prepared mechanically using sandblasting, shot blasting or scarifier, which will give a slight surface profile. The final step in cleaning should be complete removal of all residues with a vacuum cleaner or by pressure washing. Prior to application, the surface should be pre-soaked with clean water, excess standing water should be removed.

METHOD OF APPLICATION

Joints and Edges- Edges should be saw cut to 6 mm more than the overlay thickness and notched at the edge of the overlay to provide a locked edge. Chip the edge with a hand held chipping hammer to provide the wedge shaped notch. Moving joints as in the case of expansion joints should be brought up through the overlay by saw cutting or with the use of a divider strip. All cracks over 2 mm wide should be routed out to a 6mm width and 6mm depth prior to application of the mortar.

Priming:- The surface must be primed with ENIPOXY PR, after the concrete surface has been prepared as indicated above, apply the primer at the recommended coverage rate. Rougher surfaces may require a stiff broom to apply the primer while a relatively smooth, shot blasted surface will allow use of roller

Mixing:- mix parts A and b (resin & hardener) for 2 minutes using a drill and mixing prop. For ease of mixing add the part B to the part A (not the reverse). The epoxy must be well mixed to ensure proper chemical reaction. After mixing epoxy, add part C (aggregate). Mix for an additional 2 minutes or until all aggregate pieces are completely covered by the epoxy. For large placement, mix the epoxy separately in a 20 ltr. Pails then mix the epoxy and aggregate together in a mortar mixer. Place immediately.

Placement:- Fill routed out cracks and cut joints with ENIPOXY SR 351 first then apply the mortar over the rest of the floor. Discharge material from mixer and place on to floor. For patching, spread with a trowel come-A-long or square tipped shovel to a thickness of about 3 mm higher than the final desired height of the overlay. Compact and finish by hand or machine trowel.

Sealing – If desired, the surface may be sealed or top coated with ENITHANE TC 236. See “Coverage Rates” above for quantity requirements.

SAFETY

ENIPOXY SR 351 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

Pre-packed pails available as per requirement.

Technical Support:



& Polymertech UK Ltd.
CN-07468396
United Kingdom

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Marketed By:



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(ISO 9001:2000)