



Top Floor 800 SF

Product Description

This is a two-component primer based on novolac (phenolic) epoxy resin. It is formulated with a modified phenolic polyamine hardener, offering high solids content and exceptional adhesion to various substrates.

Product uses:

- Protective lining for tanks, pipelines, and containment areas
- Waterproofing and chemical-resistant barrier in industrial environments
- Primer layer for high-performance flooring or coating systems
- Suitable for marine, petrochemical, and wastewater treatment facilities

Properties

- Outstanding Chemical Resistance: Excellent durability against water, chemicals, and solvents—including acids, alkalis, and hydrocarbons.
- Low-Temperature Curing: Capable of curing effectively at low ambient temperatures.
- High Build Application: Can be applied in a single thick coat without compromising performance.
- Transparent Finish: Forms a clear coating upon curing, suitable for industrial and protective applications.
- Superior Adhesion: Bonds strongly to concrete, steel, and other mineral surfaces.

TECHNICAL PROPERTIES

Appearance/Color	Colorless/ Glossy
Density:	1.00±0,05 kg/liter
Volume solids %:	100 %
Theoretical spreading rate:	5 m ² /ltr / 10 m ² /kg (200 micron DFT)
Recommended DFT: (Dry Film thickness)	200-300 micron
Flash point:	120 ° C. /248°F
Open time	2 hours (23°C and 50% R.H.)
Dry to touch:	4-6 approx. hour(s) 23°C/73.4°F 50% R.H.
Light foot traffic	12-18 hours (23°C and 50% R.H.)
Full cure time:	7 days (23°C and 50 % R.H.)
Adhesion force (concrete):	2,5 N/mm ²
Application temperature:	+8 °C/46.4° F and +35 °C/ 95°F
Min. cure temperature:	+10°C/50°F



Application Details

Mixing Ratio: Component A: 2 – Component B: 1 (By weight or by volume)
Application method: Brush – Roll – Airless Spray – Metal Trowel - Squeegee
Pot Life: 1 hours
Thinner: Do Not Thin The Product

CHEMICAL RESISTANCE TABLE

CHEMICAL SUBSTANCE	STRENGTH
Sulfuric Acid (H ₂ SO ₄) 10%	3-2
Sulfuric Acid (H ₂ SO ₄) 20%	3-2
Hydrochloric Acid (HCL) 10%	3-2
Hydrochloric Acid (HCL) 20%	3-2
Nitric Acid (HNO ₃) 10%	3
Acetic Acid (CH ₃ COOH) 10%	2
Xylene	2
Ethyl Alcohol	2
Solvent Naphtha	3
Sodium Hydroxide (NaOH) 20%	3

Explanation:

(3) Very Durable

(2) Durable

(1) Not Durable



Surface Preparation:

- Surface must be dry, clean and free of all contamination such as dirt, oil, grease, and coatings etc. which hinder adhesion.
- Surface must be firm and have enough strength. If in doubt, apply a test area before beginning.
- Weak concrete must be removed and surface defects such as blowholes and voids must be fully exposed.
- All dust, loose and friable particles should be removed from the surface before application with brush and/or vacuum cleaner.
- Grinding by diamond disk should take over the place and all the dust must be removed by vacuum machine.
- All the cracks must be repaired by epoxy filler or epoxy mortar.
- A and B components should be thoroughly mixed for 3-4 minutes in order to achieve a homogenous mix using a low speed electric stirrer or other suitable equipment until a homogenous mixture has been achieved. After mixing, primer is ready for application.

PRECEDING COAT:

Nothing

Important Remarks:

- Surfaces must have enough structural strength.
- Concrete should have minimum of 25 N/mm² compression resistance and minimum 1, 5 N/mm² tensile strength.
- Applications below 10°C should be avoided.
- High temperatures lower the pot life of the product, while low temperatures extend cure time and consumption.
- Be careful about product mixing ratios.
- The surface should be protected from moisture and rain for 4-6 hours after application.
- All application tools and equipment should be cleaned with thinner immediately after the use. Cured material can only be removed mechanically.
- Use only where application and drying can proceed at temperatures above: 10°C/50°F. The temperature of paint itself should be 15°C/59°F or above. Apply only on a dry and clean surface with a Temperature above the dew point to avoid condensation. In confined spaces provide adequate ventilation during application and drying.
- The natural tendency of epoxy coatings to chalk in outdoor exposure.

Mixing:

Before mixing with the curing agent, stir the base thoroughly in order to prevent any possible settling after storage. After mixing it is equally important to maintain stirring to keep the wet paint as a Homogeneous mixture.

12 months from date of production if stored properly in original, unopened and undamaged sealed packaging in dry conditions at temperatures between +5°C and +30°C.



Safety:

For information and precautions on the safe handling, transportation storage and disposal of chemical products, users shall refer to the most recent Material Safety Data Sheet containing physical, ecological, toxicological and other safety-related data.

Legal Notice:

The information presented herein is given in good faith but without warranty. It's based on our experience, indicates our laboratory work results and does not necessarily indicate final product performance. We cannot be held liable for the results obtained with our products and for any loss or accident that may result from its use. Our suggestions don't release you from the obligation to check their validity and to test our products for both your process and end use application. All our products are sold in accordance with our General Conditions of Sale. We don't make any warranty, express or implied, including but not limited to the merchant ability and fitness for a particular purpose.