

**TECHNICAL DATA SHEET FOR  
NIPPOLAC EPOXY COAL-TAR (2 PACK)**

<b>DESCRIPTION</b>	Nippolac Epoxy Coal-Tar is a two components, high build, polyamide cured with modified epoxy resin product, specially designed for corrosion protection of iron and steel structures which exposed to corrosive atmospheres. It is recommended for protective coating for concrete structures and automotive industries.
<b>TYPE</b>	Semi Gloss Finish (two pack)
<b>COLOUR</b>	Black
<b>USES</b>	Iron & steel industrial works Heavy duty structural coatings Marine applications Traffic wear course in parking garages Under body application of automobile industry Storage tanks & pipe coating Sewage treatment plants

**APPLICATION DATA**

<b>METHOD OF APPLICATION</b>	Brush
<b>THEORETICAL COVERAGE</b>	70 - 80 Sq.ft/liter (6 - 7 Sq.m/liter) at wet film thickness 90 - 100 micron (80 micron DFT). This will depend on the surface texture.

<b>SURFACE PREPARATION</b>	<p><b>Metal Surfaces</b> Use a wire brush or sandpaper to remove rust and scale from the surface to be protected. Surfaces may be shot blasted or abraded using a wire wheel for best results. All dirt, grease, and old paint should be removed. All clean, perfectly dry surfaces are essential for the best results.</p>
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**Concrete Surfaces**

Concrete surfaces must be clean and dry and remove glaze for ensure the best adhesion.

NOTE : Do not paint during rainy weather or in wet and humid conditions. Even slight traces of moisture could prevent adhesion.

<b>DRYING TIME</b>	Touch drying	3 - 4 Hours at 30 °C
	Hard dry	24 Hours at 30 °C
	Over coat	24 Hours at 30 °C

**APPLICATION DETAILS**

**Mixing the two components:**

The Base and Hardener are provided in two individual containers. The two should be mixed to a harmonious blend and transfer Base into a clean dry container. Then, add the hardener into the Base and stir well for 5 to 6 mts. In general, for smaller areas, blend one (01) part of Base to two (02) parts Hardener by weight.

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**Application:**

Immediate use after mixing. The pot life of this is limited (around 1 hour). Therefore, ensure that the surface is ready for painting. Blend only a sufficient quantity that could be applied in a one hour.

Avoid excessive thinning. Provide adequate ventilation. It can be apply by brush.

Clean all painting utensils with Epoxy Thinner. If not, it cannot be used later.

**GENERAL INFORMATION**

<b>SOLID CONTENT</b>	80 - 85 % by volume
<b>FLASH POINT</b>	40 °C
<b>CONSISTANCY</b>	Ready to use
<b>THINING</b>	Nippolac Epoxy Thinner
<b>MIXING RATIO (By weight)</b>	Base : Hardener 1 : 2 (w: w)
<b>POT LIFE</b>	1 Hour
<b>SPECIFIC GRAVITY</b>	Appr. 1.30 kg/L
<b>PACKING</b>	1 ltr
<b>STORAGE</b>	Store in a tightly sealed container in a cool dry place.
<b>SHELF LIFE</b>	Up to 3 years in a tightly sealed container
<b>PRECAUTION</b>	Provide ample ventilation during sandpapering and paint application. Wear eye protectors, safety gloves and disposable respirators. Keep away from food stuff and children. Avoid contact with eyes, skin and clothing. Do not breathe in the vapor. In case of contact, wash thoroughly and seek for medical attention.

The information given is intended to give a description of the product performance under specific test conditions. Nevertheless, we cannot assume any responsibility for the use of it since circumstances under which the products are applied in practice are subjected to many variations. We reserve the right to alter the given data without notice

**ENQUIRIES CONTACTS**

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