



**TECHNICAL DATA SHEET FOR
NIPPOLAC EPOXY MARINE PAINT (2 PACK) - PRIMUM**

DESCRIPTION	Nippon Epoxy Marine - Primum Paint specially formulated using high quality epoxy resin and it has excellent adhesion, abrasion resistance and resistance to corrosion by salty water and most of the chemicals. It can use as a finish coat for iron & steel structures specially in highly corrosive environments.						
TYPE	Pure Epoxy Finish (two pack)						
COLOUR	Black and tints						
USES	Suitable over most surfaces including iron & metal and concrete. Uses include steel structures, gutters, fences, wrought iron, machinery, trailers etc. It is ideal for Marine, Industrial, and architectural applications.						
FEATURES	<ul style="list-style-type: none">Excellent adhesion and long lastingExcellent abrasion and impact resistanceReduced maintenance Costs & Nontoxic when dry						
APPLICATION DATA							
METHOD	Roller, Brush, Spray						
THEORETICAL COVERAGE	110 - 130 Sq.ft /liter (10 - 12 Sq.m/liter) at wet film thickness 45 - 65 micron (30 micron DFT). This will depend on the surface texture.						
SURFACE PREPARATION	<p>METAL SURFACES: 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, dry surfaces are essential for the best results. For better adhesion use Nippon Epoxy Primer as an undercoat.</p> <p>NEW POURED CONCRETE: Allow to fully cure prior to application. Remove any curing membrane by sanding or etching with 5% HCl or suitable detergent. For better adhesion use Nippon Epoxy Marine Primer as an undercoat.</p> <p>PREVIOUSLY COATED CONCRETE: Remove any peeling or degraded paint by sanding or using a paint stripper. For intact paint, thoroughly clean the surface with a strong detergent, and then lightly sand to remove if any gloss.</p>						
DRYING TIME	<table border="0"><tr><td>Touch drying</td><td>1 - 2 Hours at 30 °C</td></tr><tr><td>Hard dry</td><td>24 Hours at 30 °C</td></tr><tr><td>Over coat</td><td>8 Hours at 30 °C</td></tr></table>	Touch drying	1 - 2 Hours at 30 °C	Hard dry	24 Hours at 30 °C	Over coat	8 Hours at 30 °C
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Hard dry	24 Hours at 30 °C						
Over coat	8 Hours at 30 °C						
APPLICATION DETAILS	The paint (Base) and the hardener are provided in two separate containers. The two should be mixed to harmonious blend before mix.						



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Pour hardener into resin. Mix for about three (3) to five (5) minutes using a propeller-type mixer (or equivalent) until a uniform color is achieved.

Avoid excessive thinning. Provide adequate ventilation.

SUITABLE UNDERCOATS	Nippon Epoxy Primer
CLEANING	All equipment should be cleaned with Nippon Epoxy Thinner immediately after use.

GENERAL INFORMATION

SOLID CONTENT	55 - 60 % by volume
FLASH POINT	35 °C
CONSISTANCY	Ready to use
THINNING	Nippon Epoxy Thinner
MIXING RATIO (By weight)	Base: Hardener 2: 1
POT LIFE	1 Hour
SPECIFIC GRAVITY	Appr . 1.30 kg/L
PACKING	1 ltr, 4 ltr
STORAGE	Store in a tightly sealed container in a cool dry place.
SHELF LIFE	Up to 3 years in a tightly sealed container
PRECAUTION	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.

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