

**TECHNICAL DATA SHEET FOR
NIPPOLAC ZINC PHOSPHATE METAL PRIMER - QUICK DRYING**

DESCRIPTION	It is a standard conventional rust preventive primer which has good Anti-Corrosive, oil resistance, weather resistance and very good adhesion properties for metal surfaces with excellent drying properties. It is recommended for use on iron, steel works, machinery and automobiles.						
TYPE	Modified medium oil alkyd						
COLOUR	Grey, Red & Black						
USES	As a primer coating for metal roofs, metal storage tanks in oil fields, refineries, water purification plants, tunnels, sewage treatment plants and reservoir gates. Also can be used widely on iron grills, gates, manholes and metal furniture where heavy duty protection is required.						
FEATURES	<p>Excellent chemical resistance</p> <p>Ideal bonding to the surface</p> <p>Provides long term protection</p> <p>Contains high levels of Zinc Phosphate</p>						
APPLICATION DATA							
METHOD	Roller, Brush, Spray						
THEORETICAL COVERAGE	7 - 8 Sq.m./liter at dry film thickness 40 microns (DFT) The actual coverage will depend on the surface texture						
MIXING RATIO	Ready to use						
SURFACE PREPARATION	Eliminate oil, water, grit, dirt, marking paints and any foreign matter. Before applying the primer, weld-seam and the other damaged areas (burnt, rusted) should be cleaned with a power tool such as a disc-sander and touched up according to the painting schedule before the next coating.						
DRYING TIME	<table border="0"> <tr> <td>Surface dry</td> <td>30 minutes at 30°C ± 2°C and RH 65 % ± 5%</td> </tr> <tr> <td>Recoating</td> <td>8 hours at 30°C ± 2°C and RH 65 % ± 5%</td> </tr> <tr> <td>Hard dry</td> <td>18 hours at 30°C ± 2°C and RH 65 % ± 5%</td> </tr> </table> <ul style="list-style-type: none"> • RH – Relative humidity 	Surface dry	30 minutes at 30°C ± 2°C and RH 65 % ± 5%	Recoating	8 hours at 30°C ± 2°C and RH 65 % ± 5%	Hard dry	18 hours at 30°C ± 2°C and RH 65 % ± 5%
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APPLICATION DETAILS	<p>Mixing should be carried out continuously for 3 to 5 minutes to achieve uniform consistency. It is recommended that mechanical mixing is employed using a slow speed mixing paddle.</p> <p>Can be applied with brush/roller or airless/ air spray. Provide adequate ventilation during and after application. Painting should be avoided</p>						



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on rainy days or under wet, humid conditions. Slightly Sand papering between the coats is necessary.

SUITABLE TOPCOAT Nippolac Industrial Enamel
Nippolac Gloss/Matt Enamel

CLEANING All equipment should be cleaned with Nippolac N.C. Thinner immediately after use.

GENERAL INFORMATION

SOLID CONTENT 65 ±2 %

FLASH POINT 32 °C

CONSISTANCY Ready to use

THINNING Nippolac N.C. Thinner Maximum 10 %

SPECIFIC GRAVITY 1.30 ± 0.10

PACKING 200ml, 500ml, 1 ltr, 4 ltr

STORAGE Store in a tightly sealed container in a cool dry place

SHELF LIFE Up to 5 years in a tightly sealed container

PRECAUTIONS Flammable; do not expose to heat of flame. Avoid direct contact with skin. Provide ample ventilation during paint application. Wear eye protectors and disposable respirators. Keep the product out of reach of children.

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 Nippon Paint Lanka (Pvt) Ltd.
Nippolac Towers,
69A, Buthgamuwa Road,
Rajagiriya, Sri Lanka.
Phone: +94-114-600400
Fax: +94-114-600409
E-mail: colombo@nipponpaint.lk
Web: www.nipponpaint.lk