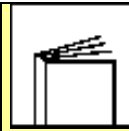




Automotive System

Nax 1200 Etching Primer



Technical Information

Version 2, 06/2015

PRODUCT DESCRIPTION

NAX 1200 ETCHING PRIMER is a vinyl-butyril resin paint for pre-treatment for light metals and alloys and can be used with abrasive blasted iron and steel to provide a good adhesion for subsequent coat. As it also has excellent anti-corrosive and weathering properties, it is recommended as a wash-primer for steel plate in steelworks.



Paint system

- Applicable to most types of primer and enamels
- Provides and improvement on rust preventive capacities of paint systems.



Surface preparation

- For new or unpainted light metals and alloys, the surface must be clean and dry, free from grease and oil.
- For iron and steel, abrasive-blast to minimum SA 2.5 preferably SA 3.0

Application Guide



Mixing ratio	By Volume	For Spraying	For brushing
	NAX 1200 Etching Primer	4 parts	4 parts
	NAX 120 Etching Primer Hardener	1 part	1 part
	NAX 510 Etching Thinner	10 – 20%	<5 %

Pot Life 18 hours after mixed with hardener @ 30°C

Application window Temperature 15°C to 38°C & Relative Humidity – 20% to 85%
(Lower temperatures may slow down the curing rate),

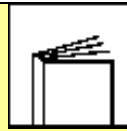
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Nippon Paints (Thailand) Co. Ltd.,
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Spray gun

Gravity Feed

Set-up

full pattern, flow – 3 turns from fully closed set-up,

Nozzle size &

1.4 – 1.5 mm,

Spray pressure

3.0 – 4.0 kg/cm³



Drying times

Condition

@ 30°C

Surface Dry

3 minutes

Hard Dry

10 minutes

Dry to re-spray

10-15 minutes

Dry to recoat (brush)

2 hours

Application

	Number of spray coats	1-2 single coats <ul style="list-style-type: none"> • Drop first coat • Half wet second coat <ul style="list-style-type: none"> ○ Recommended dry film thickness – 10 to 15µm
	Flash-off time	<ul style="list-style-type: none"> • Between coats – 5-15 minutes @ 30°C / 60% R.H. <p><i>* The specified flash times may vary with temperature & air velocity in the spray booth.</i></p>

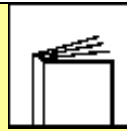
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Product Handling & Safety (for professional use only)

						<p>Please refer to Material Safety Data Sheets for full health & safety details and product can labels.</p>
	Respiratory Mask	Safety Goggles	Protective Clothing	Protective Gloves	Safety Shoes	



Warning

- Flammable liquid and vapor
- Harmful, if swallowed
- Toxic, if inhaled (vapor)
- Causes skin irritation
- Causes serious eye irritation
- May causes allergy or asthma symptoms or breathing difficulties if inhaled
- Toxic to aquatic life
- Store in a closed container.
- Avoid release to the environment.
- Keep away from heat/sparks/open flames/hot surfaces.
- Keep container tightly closed.
- Do not allow to get in eyes, on skin, or on clothing.
- Wear protective gloves/protective clothing/eye protection/face protection.
- IF INHALED: if breathing is difficult, remove victim to fresh air and keep at rest in a position comfortable for breathing.
- IF COMES IN CONTACT WITH EYES: Rinse cautiously with excess water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

For further information please contact:

TECHNICAL SERVICES DEPARTMENT, NIPPON PAINT AUTOMOTIVE REFINISH BUSINESS UNIT

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