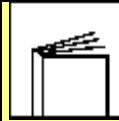




Automotive System

Nippon Ultima U-770

Primer Surfacer



Technical Information

Version 1, 12/2015

PRODUCT DESCRIPTION

NIPPON ULTIMA U-770 PRIMER SURFACER is an acrylic lacquer primer for automotive vehicles, Trucks, Buses and general used for steel works.



Paint system

- Fast dry, good hiding and good filling properties
- Very easy sandability with no clogging of the sandpaper
- Give smooth surface with low adsorption
- Good adhesion on ferrous and non-ferrous substrates, steel, galvanized, aluminum, stainless etc.



Surface preparation

- Ensure that surface of the previous coat was clean and dry, free from dirt, rust, grease, oil and other foreign matters.

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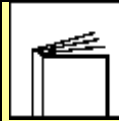
NIPPON PAINT (M) SDN. BHD. (7516-H)
Lot I-17, Taman Perindustrian Subang Utama,
Jalan SU 4, 40300 Shah Alam,
Selangor Darul Ehsan



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Application Guide



Mixing ratio	Product	By Volume/Weight
	Nippon Ultima U-770 Primer Surfacer	100 %
	Nikko Thinner	100 – 120 %

Coverage	Theoretical Coverage	8 – 13 Sq.m./litre
	Practical Coverage(loss 40%)	3 – 8 Sq.m./litre

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



Spraying viscosity

Viscosity/sec	@ 25°C
NK # 2	13 to 15
Ford Cup # 4	16 to 18



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	Air dry at 30°C
Set to touch	2 - 4 mins
Dry to Sand	>15 mins
Dry to overcoat	Imm. After sanding

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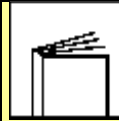
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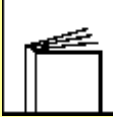
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Application

	Number of spray coats	3-4 single coats <ul style="list-style-type: none"> • Light to medium first coat • Full wet second coat • Full wet third coat <ul style="list-style-type: none"> ○ Recommended dry film thickness – 30 to 50µm
	Flash-off time	<ul style="list-style-type: none"> • Between coats - 5 minutes @ 30°C / 60% R.H. <p><i>* The specified flash times may vary with temperature & air velocity in the spray booth.</i></p>
	Sanding Paper	Wet sand paper No. 320 – 400 For old paint film Wet sand paper No. 600 – 800 For Acrylic Primer

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 Automotive System	<h1>Nippon Ultima U-770</h1> Primer Surfacer		<h2>Technical Information</h2> Version 1, 12/2015	
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Product Handling & Safety (for professional use only)

	 Respiratory Mask	 Safety Goggles	 Protective Clothing	 Protective Gloves	 Safety Shoes	Please refer to Material Safety Data Sheets for full health & safety details and product can labels.
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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 DEPARTMENT, NIPPON PAINT MALAYSIA

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