

TECHNICAL DATA SHEET FOR

NIPPENYL 6052 WASH PRIMER EXTRA

DESCRIPTION : A matt, etching primer that is necessary to ensure good adhesion on non-ferrous metals. Widely used by both Manufacturing and Heavy Duty Protection concerns

TYPE : 2-Pack Poly-Vinyl Butyral Resin

COLOUR : Olive Green, Dark Green and Yellow

FINISH : Matt

USES : As a pre-treatment for light metals and alloys such as:

- Galvanized metal
- Aluminium
- Copper
- Brass/Bronze
- Tin

It can also be coated on iron and steel surfaces

FEATURES :

- Quick-dry for short recoating convenience
- High coverage, requires only a thin coat
- Economical to use
- Anti-corrosive property for short term protection
- Weather resistant
- Excellent adhesion on all metals

APPLICATION DATA

METHOD : Roller, brush and air and airless spray
Note: TWO PACK SYSTEM – The Hardener and the Base must be thoroughly mixed in the correct ratio before use.

THEORETICAL COVERAGE : Approx 8 m² / litre (25 microns DFT)

DILUTION : Use Nippenyl 6951 Wash Primer Thinner

Brush	- 10% max
Roller	- 10% max
Air Spray	- 10% max or 15-24 sec.NK2 Cup
Airless Spray	- 0% ~ 5 %

Dilution should be done after the addition of hardener.

SURFACE PREPARATION : The surface of the substrate must be:

- Actual bare metal (no coating)
- Clean/Dry
- Free for grease/oil
- Free from rust/foreign matter
- Free from unstable old film
- Abrasive Blast to SA 2.5 for heavy duty service ferrous metal only.

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SPRAY APPLICATION	:		<u>Air</u>	<u>Airless</u>
		Delivery Pressure (kg/cm ²)	4	140 - 170
		Tip Size 60° angle	1.3mm	0.015"
		Tip Size 70° angle	-	0.017"
		Dilution	10% max	0 - 5%
DRYING TIME	:	Surface dry	- 5 minutes at 30 °C	
		Hard dry	- 20 minutes at 30 °C	
OVERCOATING TIME	:	Minimum 1 hour for any conventional coating. Whereas for heavy coating, minimum 4 hours.		
CURING TIME	:	5 –7 days at 20 – 30 °C		
POT LIFE	:	Remains usable up to 18 hrs at 30 °C. Higher temperature will shorten pot life.		
CLEANING	:	All equipment must immediately be cleaned after use. Use Nippenyl 6951 Wash Primer Thinner		

GENERAL INFORMATION

SOLID CONTENT	:	20.0 ± 2% by volume		
SPECIFIC GRAVITY	:	0.91 ± 2% kg/litre		
NO. OF COMPONENTS	:	2		
MIXING RATIO	:	Base / Hardener : 4 parts / 1 parts by volume		
FLASHPOINT	:	7° C		
PACKING	:	5 litres		
STORAGE	:	Store in a tightly sealed container in a cool dry place.		
SHELF LIFE	:	Base	: Up to 24 months in a tightly sealed container	
		Hardener:	Up to 12 months in a tightly sealed container.	
PRECAUTION	:	It is contain volatile and flammable solvents. Ensure adequate ventilation and avoid naked flame. Avoid direct contact with sensitive skin and inhalation of spray mist. Use appropriate personal protective equipment. Refer to the product Safety Data Sheet for more information.		

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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