



Description

Nilifam-WPP is a two-component, solvent-borne, self-curing, poly-butyral based primer containing phosphoric acid and zinc chromate pigmented.

Recommended use

General purpose, heavy-duty, rust-preventing primer. As a single, complete coating for long-term protection of galvanized steel and aluminum surfaces exposed to moderately corrosive environment and to abrasion.

Physical constants

Colours/shade:	Green/Yellow
Finish:	Flat
Volume solids, %:	40±5
Theoretical spreading rate:	10 m ² /lit-40 Mic.
Flash point:	15 °C
Specific gravity:	1.00±0.03 Kg/l
Dry to touch:	Max. 15 min. at 20°C
(Initial)	
Hardness:	24 hours (approx.)
Fully cured:	8 days
VOC content:	Max. 236 g/l

Application details

Conditions	Do not apply when relative humidity exceeds 80% or when the surface to be coated is less than 3°C above the dew point.		
Method	Airless spray	Air spray	Brush (touch-up)
Thinner (max. vol.)			
Spray setting			
Pump ratio minimum	30:1		
Tip size	0.019"–0.023"	1.8 mm	
Tip pressure	100 bar/1500 Psi	5-6 bar	
	(Airless spray data are indicative and subject to adjustment)		
Cleaning of tools	NF-T-12		
Indicated film thickness, dry	40 microns		
Indicated film thickness, wet	100 microns		



Surface preparation

Steel surface should ideally be abrasive blast cleaning to minimum Sa 2½. The surface must be completely clean and dry prior to application. And its temperature must be above the dew point to avoid condensation

Packaging (typical)

	Mass (Kg)	Size of containers (litres)
Washonil comp A	13	20
Washonil comp B	6.5	10

Mixing

Mixing rate (by weight)	Washonil comp A	Washonil comp B
	100	50
Pot life	2 hours (20°C/ 68°F)	

Storage & handling

The product must be stored in accordance with national regulations. Keep the containers in a dry, cool, well ventilated space and away from sources of heat and ignition. Containers must be kept tightly closed. Handle with care.

Shelf-life

Washonil comp A	6 month(s)
Washonil comp B	6 month(s)

In some markets commercial shelf life can be indicated shorter by local legislation. The above is minimum shelf life, thereafter the paint quality is subject to re-inspection.

Remarks

Preceding Coat	None or according to specification.
Recoating	Minimum interval at 20°C/68°F, for recoating with: NF-124-HB (system/high-build) or NF-134-SG is 24 hours. Recoating intervals are strongly dependent on both temperature and humidity. Deviations from the Standard conditions may shorten or prolong the recoating intervals. The recoating interval of 24 hours for 25 micron/1 mil NF-124-HB is only valid in case the subsequent coat is applied more than 1 week after (20°C/68°F). Otherwise, the minimum recoating interval is the same as for system/high-build
Film thickness	May be specified in another film thickness than indicated depending on purpose and area of use. This will alter spreading rate and may influence drying time and recoating intervals. Normal range is 30-40 microns...
Thinning	NO thinner is needed for application.



Caution

This product is for professional use only. The applicators and operators shall be trained, experienced and have the capability and equipment to mix/stir and apply the coatings correctly and according to Nilifam's technical documentation. Applicators and operators shall use appropriate personal protection equipment when using this product. This guideline is given based on the current knowledge of the product. Any suggested deviation to suit the site conditions shall be forwarded to the responsible Nilifam representative for approval before commencing the work.

Safety

Handle with care. Before and during use, observe all safety labels on packaging and paint containers, consult Nilifam material safety data sheets and follow all local and national safety regulations. Harmful or fatal if swallowed; immediately seek medical assistance. Avoid inhalations of possible solvent vapors or paint mist, as well as paint contact with skin and eyes. Apply only on well-ventilated areas and ensure that adequate forced ventilation exists when applying paint in confined spaces or when the air is stagnant. Always take precautions against the risks of fire and explosions

Tools and equipment

