

# AIR DRYING PAINT NF-838-G

## Description

**Nilifam-838-G** is designed for use as an alkyd topcoat available in a wide range of colors. The product is ideally suited for metal and wood, interior and exterior surfaces with good color and gloss retention.

**Nilifam-838-G** can be applied as topcoat for kitchens and bathrooms, doors, window frames, furniture and woodwork in general.

## Recommended use

### Adhesion

Good to both primed and clean surfaces.

### Gloss Retention

Good in mild to medium environments.

### Temperature resistance

Dry: Maximum 70°C

## Physical properties

### Colors/Shade No

White /RAL No.

Black /RAL No.

### Finish

Gloss

Gloss

### Solid by Volume-%

35±2

35±2

### Theoretical spreading rate

8.75 m<sup>2</sup> /lit-40 Mic.

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### Flash point

38°C

38 °C

### Specific gravity

1.2 kg/lit

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### V.O.C.

Max. 450 gr/lit

Max 540 gr/lit

### Shelf life

1 Year (25°C/77°F) from time of production. Depending on storage condition, mechanical stirring may be necessary before usage.

## 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 sprays

Air spray

Brush (touch-up)

### Thinner (max. vol.)

NF-T-4 (10-30%)

NF-T-4 (20%)

NF-T-4 (5%)

### Spray setting

### Pump ratio minimum

30:1

### Tip size

0.017–0.019

1.8 mm

### Tip pressure

150 bar / 2200 Psi

4-5 bar

(Airless spray data are indicative and subject to adjustment)

### Cleaning of tools

NF-T-4

### Indicated film thickness, dry

35 microns

### Indicated film thickness, wet

100 microns



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## Drying and Curing Times at (20°C)

Dry to touch	Max .1 hour
Hard dry	4 hours
Full curing	Max.3 days
Recoat interval, min	3 hours
Recoat interval, max	3 days, see Remarks

## Application and Curing Conditions

**Surface condition** The surface should be stable, firm, dry and free of dust, sand, loose old paint, dirt, grease and oil. It is recommended to apply a primer prior to top coating.

**Maintenance** Touch-up with primer on areas repaired with filler is recommended prior to application of topcoats.

## Remarks

Recoating Coat Alkyd type primer Such as NF-815 or intermediate such as NF-835-M5.

Subsequent Coat None.

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 40-50 microns/1.2-2 mils.

Thinning The type and amount of thinner depend on application conditions, application method, temperature, ventilation, and substrate. Thinner NF-T-8 is recommended in general.

## 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.