



# EPOXY TOP COAT NF-134-G

Curing Agent: NF-134-G-CA

## Description

**Nilifam 134-G** is designed for use as a glossy top coat base on epoxy and polyamide resins and inert pigments with excellent barrier efficiency in moderate and in door environment.

**Nilifam 134-G** can be applied as a top coat and mid coat in epoxy systems on primed surfaces.

## Recommended use

### Adhesion

Excellent to primed surfaces.

### Corrosion Resistance

Excellent on correctly primed surfaces.

### Temperature resistance

Dry: Maximum 120 °C. At service temperatures above 100°C/212°F, slight discoloration may be expected.

## Physical properties

### Colors/Shade No

Grey / Ral No

### Finish

Flat/Gloss

### Solid Volume-%

40±2

### Theoretical spreading rate

9.6 m<sup>2</sup> /lit-50Mic.

404 sq.ft./US gallon-2 mils

### Flash point

29°C

### Specific gravity

1.2 kg/lit-10 lbs/US gallon

### V.O.C.

Max. 390 gr/lit

### Shelf life

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

## Application details

### Mixing ratio (by weight)

Component A NF-134

Component B NF-134-CA

**2.6**

**1**

### Pot life

8 hours (20°C/ 68°F)

## 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

Brush (touch-up)

### Thinner (max. vol.)

NF-T-1 (10-30%)

NF-T-1 (5%)

### Spray setting

### Pump ratio minimum

30:1

### Tip size

0.017"–0.019"

### Tip pressure

150 bar/2200 Psi

(Airless spray data are indicative and subject to adjustment)

### Cleaning of tools

NF-T-1

### Indicated film thickness, dry

40 microns

### Indicated film thickness, wet

100 microns

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## Drying and Curing Times at (20°C)

<b>Dry to touch</b>	5-6 hour
<b>Hard dry</b>	36 hours
<b>Full curing</b>	8 days
<b>Recoat interval, min</b>	8 hours
<b>Recoat interval, max</b>	7 days , see Remarks

## Surface Preparation

### Primed surfaces

The surface must be completely clean and dry at the time of application, and its temperature must be above the dew point to avoid condensation. Minimum temperature for curing is 10°C/50°F. High humidity and/or condensation during application and the following 16 hours (20°C/68°F) may adversely affect the film formation. In confined spaces provide adequate ventilation during application and drying.

## Remarks

### Recoating Coat

Epoxy Mid coat such as NF-124 and Epoxy Primer such as NF-114-M4.

### 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 40-60 microns/1.6–2.4 mils.

### Thinning:

The type and amount of thinner depend on application conditions, application method, temperature, ventilation, and substrate. Thinner NF-T-1 is recommended in general.

### Recoating and drying/curing time

Recoating intervals related to later conditions of temperature:  
(50 micron/2 mils dry film thickness of NF-134-SG)

Physical data versus temperatures:					
Surface temperature		5°C/41°F	10°C/50°F	20°C/68°F	30°C/86°F
Dry to touch approx.		16 hours	10 hours	3-4 hours	2.5 hours
Resist condensing humidity/ light showers after		2 days	1 days	6-7 hours	5 hours
Fully cured		20 days	14 days	7 days	5 days
Recoating interval with epoxy and polyurethane top coats	Min	24 hours	16 hours	8 hours	4 hours
	Max	15 days	12 days	7 days	5 days

A completely clean surface is mandatory to ensure intercoat adhesion, especially at long recoating intervals. Any dirt, oil, and grease have to be removed, e.g. with suitable detergent.

Salts should be removed by fresh water hosing. To check an adequate quality of the surface cleaning a test patch is recommended before actual recoating.

## 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.