



Description

Nilifam-133-AS is high performance Epoxy polyamine conductive topcoat on primed concrete structures.

Nilifam-133-AS As a high performance antistatic top coat with excellent adhesion to a wide range of existing coating on primed concrete.

Recommended use

Adhesion	Excellent to both primed & grit blasted and manually prepared steel surfaces (5A).
Corrosion resistance	Excellent on correctly prepared steel surfaces and primed concrete surfaces.
Temperature resistance	Dry: Maximum 120°C

Physical constants

Colours/shade:	RAL No
Finish:	Flat
Volume solids, %:	99±5
Theoretical spreading rate:	0.95 m ² /l-1000 Mic.
Flash point:	28 °C
Specific gravity:	1.75±0.15 Kg/l
Dry to touch	4 hours at 20°C
(Initial) hardness	1 day
Fully cured	7 days
VOC content:	Max. 60 gr/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	Brush (touch-up)
Thinner (max. vol.)	---	---
Spray setting		
Pump ratio minimum	40:1	
Tip size	0.021"-0.019"	
Tip pressure	150 bar/2100 Psi	

(Airless spray data are indicative and subject to adjustment)

Cleaning of tools	NF-T-1
Indicated film thickness, dry	950 microns
Indicated film thickness, wet	1000 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)
Nipostatic comp A	20	20
Nipostatic comp B	3	4

Mixing	Mixing ratio (by weight)	Nipostatic comp A	Nipostatic comp B
		100	15
	Pot life	5 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 keep tightly closed. Handle with care.

Shelf-life

Nipostatic comp A	12 month(s)
Nipostatic comp B	12 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	Anti-static primer such as NF-113-AS.
Subsequent Coat	None.
Remarks	The natural tendency of epoxy coating to chalk in outdoor exposure and to become more Weathering/service to mechanical damage and chemical exposure at elevated temperatures is also reflected temperatures in this product.
Dry 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 1000-1500 mic.
Recoating/Drying/ Curing Time	Physical data versus temperatures in mild atmosphere

	Minimum		Maximum	
Surface Temperature	20°C/68°F		20°C/68°F	
	Atmospheric	Atmospheric	Atmospheric	Atmospheric
Recoated with	Mild	Medium	Mild	Medium
NF-133-AE	8 hours	8 hours	5 days	3 days



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

