

TRAFFIC PAINT NF-431

Description

Nilifam-431 is based on thermoplastic acrylic, because of high resistance to weathering and moisture can be used on asphalt and concrete surfaces.

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.
Finish matt
Solid by Volume-% 60±2
Theoretical spreading rate 2 m² /lit-300 Mic.
Flash point 38°C
Specific gravity 1.6 kg/lit-13.44 lbs/US gallon
V.O.C. Max. 450 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 (5%)
Spray setting			
Pump ratio minimum	-----		
Tip size	-----	-----	
Tip pressure	-----	-----	

(Airless spray data are indicative and subject to adjustment)

Cleaning of tools NF-T-4
Indicated film thickness, dry 180 microns
Indicated film thickness, wet 300 microns

Drying and Curing Times at (20°C)

Dry to touch Max .0.5 hour

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Hard dry	24 hours
Full curing	Max.5 days
Recoat interval, min	12 hours

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 traffic type.

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 300-400 microns.

Thinning The type and amount of thinner depend on application conditions, application method, temperature, ventilation, and substrate. Thinner NF-T-4 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.