

Technical Datasheet

Product Name: **Airfield**
Product Code: **TR-Air**



This grade of traffic marking nano-paints is a solvent based, fast dry and has better reflection of light. Because of these specifications this paint is suitable for Airports and inter-city roads. This paint has better performance in traffic lots demonstration.

Specifications:

		ASTM
Color:	White, Yellow, Black, Blue	EN 1436
Applications:	Airfield and inter-city roads	
Resin:	Acrylic	
Gloss:	Opaque	
Directional Reflectance:	White 90%(~60% yellow)	E97
Density(gram/cm ³):	1.4±0.02	D 1475
Solid by Weight	71±1	D 1644
Solid by Volume	58±2	
TiO ₂	>10 (white)	
Coverage:	7.8 m ² /Litter	D344
Thinner	Antun1001	
Curing:	Solvent Evaporation	
Water Resistance:	Passes	D870
Skiing Resistance(SRT):	Passes	EN 1436
Abrasion resistance:	88 mgr CS10 (500)	ASTM 4060
Drying Time:	6 min @ 25° C	D 711
Applying Conditions:	Temperature: 15° C to 25° C Surface Temperature: 5° C more than Dew Point Moisture: below than 80%	
Surface Condition:	Should be without any dust, moisture, oil, grease and any extra solid on surface	
Applying Methods:	Brush and Pistol spray	
Storage Condition:	Covered place, Dry and cold, away from sunlight, temperature below than 35° C	
Better Time to use:	Up to 12 months after production	
Safety Attentions:	<ul style="list-style-type: none">- Store far from fire, heat, flammable materials- In applying in covered places use suitable ventilation- Don't use flame near to applying places	

Support and Endorsement of Iran Nanotechnology Initiative Council

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