

Road Mark Paint **Formula One**

Product Description:

Acrylic road marking paint, resistant to heavy wear and visible under heavy weather conditions

Applications:

Suitable for roads and ways covered with asphalt, intended for traffic control demarcation and marking of crossing places, steps and access ways, parking places and production halls etc.

Advantages:

- Quick drying and excellent adhesion.
- Resistant to heavy wear and read-to-use.

Technical data:

Shade	White, yellow, black, blue, red, green
Gloss	Matt
volume solids	50-55%
Recommended wet coat thickness	500 microns
Recommended dry coat thickness	250 microns
Coverage rate (theoretical)	2m ² per 1L dry coat thickness of 250 microns
No of coats	1
Application method	Brush, Roller, Sprayer

Drying Times At a temperature of 25°C:

Touch dry	10-15 min
To traffic	30 min
For traveling	About one week
For abrasive	24 hours, when you can step on it
Minimum over coating interval	24 hours, when you can step on it
Maximum over coating interval	48 hour (if longer, polish lightly before the next coat)

Standards and Test Results:

Bears Israeli Standard 1871 Road Marking Materials – Paint, Thermoplastic and plastic materials.

Acrylic single-component road marking paint applied in quantity of 750 gr/m² together with glass beads ECHOSTAR-5 manufactured by SOVITEC, applied in quantity of 400 gr/m², exploitation properties after wear of P6 roll-overs and application on a surface RG2 : R4 Q5 B5 S2. Classified as a product type B. Durability tests by AETEC

Surface Preparation:

Clean the surface well from grease, dust and any other dirt before painting

Update: 6/19



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Application Instructions:

Stir the paint well before application.

Spread the glass beads on a wet paint in quantity of 400 gr/m² as to increase the visibility at night. Use the glass beads type ECHOSTAR-5 produced by SOVITEC. Apply under the following weather conditions: temperature between 7 – 35°C (at least 3°C above the dew point). Avoid applying outside when the surface is wet, or when rain or sand storm are predicted.

Drying Times At a temperature of 25°C:

	RH 25-50%	RH 35-70%
To Touch	10-15 min	9-12 min
To Traffic	30 min	25 min

Dilution:

Ready to use

Thinner:

Use Thinner 023 to clean rollers, brushes or spray equipment.

Packaging Size:

5 and 18 L.

Special Instructions:

Storage and Best Before Date Instructions: 24 months in a cool, dry well-ventilated area in original container.

Service Period: half a year (according to suitable surface preparation)

Safety Instructions: Read the safety sheet before using the product and act according to the instructions.

VOC (Volatile Organic Compounds):

EU limit value for this product category A/i (One pack performance coating – SB): 500 g/l (2010). This product contains max 445.2 g/l.

Caution, Health and Safety Instructions:

It is recommended to wear goggles during the application and ventilate the site thoroughly. In the event of contact between the product and the eyes, rinse your eyes thoroughly with running water and get medical advise. Keep the packaging closed tightly. Keep away from children. Do not mix products that were not recommended by NIRLAT. All the data and recommendations herein are based on tests, knowledge and experience accumulated in the laboratory and the field and are highly reliable. The aforesaid cannot be regarded as a general explicit or implied responsibility. We are only responsible for the quality of this product and the user must check conformance with his needs. We reserve the right to update or change the data without any prior notice.

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