

## PRODUCT DATA SHEET

# MARK ROAD

## Road marking enamel

**DESCRIPTION** Paint formulated with special solvent-based resins and abrasion-resistant lamellar extenders. It is characterized by rapid drying and high resistance to transit.

**USE** Road signs and paving on surfaces including asphalt bituminous concrete.

### PROPERTIES OF THE PRODUCT

	VALUE	METHOD
Solid by volume	55% ± 2	
Brilliance 60°	5-10	
Drying time	Overcoatable 12 h Complete 5 days	Internal PF2

### SPECIFICATION DATA

	VALUE	METHOD
Specific weight	1350-1600 g/l	Internal PF3

### THICKNESS AND YIELD

	Min.	Max	Recommended
Thickness of dry film, µm	60	80	70
Thickness of wet film, µm	109	145	127
Theoretical yield, m²/l	9,2	6,9	7.9
Theoretical yield, m²/kg	6,2	4,7	5,4

**SHELF LIFE** Product is stable till one year as long as it is kept in original and unopened buckets at temperature between +5°C e +30°C.

**COLOUR RANGE** White, Yellow. Between one production and another the color may be slightly different, it is therefore necessary to finish the work with the same production.

### PREPARATION OF SURFACE

**General considerations:** The surface must be dry and clean, free of pollutants of various kinds such as dirt, oil, grease and salts.

New concrete: the substrate must be finely finished and cured (100 days), with moisture content <5%, the surface must be free of dust and imperfections, and no cement slurry must appear. For better adhesion, abrade the surface slightly to promote absorption of the product.

#### Surfaces undergoing maintenance

*With adherent and intact painting:* if clean and free from dirt, oil, grease, it can be over painted. If cleaning is required, perform high-pressure washing Wa 2 (surface free of oil, grease, salt, dirt).

*With paint flaking:* perform high-pressure washing Wa 2.

### TOOLS

Conventional or airless spray, Roller, brush.

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APPLICATION	Thinning	0-5% by Diluente Nitro NV5000 for conventional or airless spray 0-5% by Diluente S800 for roller and brush.		
	Application conditions	+5 °C +40 °C >3 °C a at dew point Relative humidity: <70%		
	Application by airless	Nozzle pressure: 15 MPa (150 kp/cm², 2100 psi). Nozzle: 0,28 - 0,38 mm (0,011 - 0,018") Angle range: 40 - 80 ° Air pressure: Compression ratio 30:1 (pressure 150-180 kg/cm²)		
	Application by conventional spray	Nozzle: 1,6 – 1,8 mm Angle range: 40 - 80 ° Air pressure: 3,5-4 kg/cm²		
	Thinner for washing	Acetone Lavaggio		
	DRYING TIME	Dry time are purely indicative as it might be longer or shorter by keeping in consideration ventilation, humidity, thickness of the applied film. High thicknesses per coat and unfavorable environmental conditions slow down the drying and hardening depth.		
DFT 70 micron				
Surface temperature		10 °C	23 °C	
Out touch		30'	15'	
Dry touch		6h	4h	
Full		7 days	5 days	
Minimum time of over application		18h	12h	
RECOMMENDED PRIMER		Asphalt, concrete: direct application.		
RECOMMENDED SYSTEM	Product	Coat	Wet Thickness (µm)	Dry thickness (µm)
	Mark Road	1	127	70
	Total	1	127	70
INSTRUCTIONS	To carry out the work in a proper way, it is needed to strictly follow the instructions for the preparation of the surfaces contained in the CAP Arreghini Books. The specification data and technical information have been calculated at +23 °C with relative ambient humidity of 65%. In different conditions the data and the time intervals between the two phases of the above reported coating system may vary.			
	This technical information is intended as a rough guide. However, because of the enormous variety of media and application conditions, it is essential to check the suitability of the product and test the effectiveness on a sample.			