

		<h1>Road Marking Paint</h1>			
Product Description		The product is a single component paint composed of acrylic resin, color filler, auxiliary agent, solvent, etc. Meanwhile, the paint has tough film, strong adhesion, excellent wear resistance, water resistance, etc. Besides, paint film is clear and does not penetrate the asphalt surface.			
Typical Uses		This paint is mainly designed for asphalt road marking.			
Technical Details		Color	Yellow, Red, White		
		Gloss	Glossy		
		Density	~1.3 Kg/L		
		Solid volume	(50±2) %		
		Film thickness	100µm dry film thickness (about 200µm wet film thickness)		
		Theoretical spreading rate	3.84m ² /Kg (50µm dry film thickness)		
		Full Cure	(23±2°C) 24h		
		Flash Point	25°C		
Application Guide		Mixing	Ready to use		
		Thinner	Acrylic paint thinner		
		Airless spray	Nozzle tip: 0.017~0.023 inch		
			Spray pressure: 15~18 MPa		
			Thinner ratio: 0~15% (by weight of paint)		
		Brush、Roller	Recommended Must achieve required thickness		
Drying Schedule		Substrate Temperature	10 °C	20 °C	30 °C
		To touch (50µm)	2h	1h	30min
		To handle (50µm)	8h	4h	3h

	Min. recoating time	8h	4h	3h
	Max. recoating time	-	-	-
	* Make sure no chalking and other contaminations before recoating			
	* Above data for reference only, actual drying time and recoating time is dependent on temperature, dry film thickness, ventilation conditions			
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Surface Treatment	<p>All surfaces to be coated shall be clean and dry. The surface shall be evaluated and treated according to ISO8504 standard.</p> <p>Steel: Sanding to Sa2.5 (ISO8501-1:2007). It is acceptable to polish by power tools to meet at least St2.0 (ISO8501-1:2007).</p> <p>Concrete substrate coating surface treatment:</p> <p>A. Concrete grass-roots floor, first of all, must confirm whether the base surface concrete below whether there is a reliable moisture-proof facilities. New concrete or cement base at least 28 days of maintenance time, and its water content should not exceed 5%, using empirical methods to assess the water content of the base.</p> <p>B. The grass-roots floor surface should be clean, solid and free of contaminants, such as mortar and paint sputtering, maintenance agents, grease, etc. For too much floating pulp, it is best to use light roughing, grinding. Oily ground, using electric angle grinder grinding.</p> <p>C. The surface of the ground cracks, empty drums and other defects should be repaired and flat.</p> <p>D. No matter what method is used to treat the surface, it must eventually be clean, solid and dry on the grass-roots surface. It is particularly important that the grass-roots level must not be in a state of rising moisture.</p> <p>E. Grassroots clean-up, polished with a polishing machine.</p>			
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Application Conditions	Substrate temperature shall be at 3°C higher than dew point, relative humidity less than 85%. Measurement of temperature and humidity should be close to substrate.			
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Classical Coating System	Epoxy Sealing Primer	30µm (dry film thickness)		
	Road Marking Paint	2*50µm (dry film thickness)		
	Please inquiry YMS Paint for specific coating solutions.			
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Safety and Health	<p>Please refer to MSDS before using this product. If you do not fully understand the restrictions, or cannot follow MSDS directions strictly, do not use this product. The coating is a water-based coating. Water-based solvent has mild eye irritation, upper respiratory tract irritation, long-term close contact with dry skin, etc. Proper ventilation and precautionary measures must be in place. PPE is necessary to avoid this product contacting with eyes or skin. More detailed safety tips are based on practical situation.</p> <p>Please handle used paint barrel correctly to avoid any pollution.</p>			
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Packaging	Packing size	Packing weight
	20 L	22 KG
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Storage	Store this product in shady, dry, and ventilated warehouse. The shelf life is 12 months at room temperature. If exceeding shelf life, the products shall be tested before using.	
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Disclaimer	All technical data given in this document is based on our knowledge achieved in lab and practice, it is not completely correct. Although we try to keep the validity of our advice, however we cannot predict the practical conditions that will affect paint quality. Herein, we cannot be responsible for the consequences of variations in such conditions, or for unforeseen conditions. We reserve the right to modify this document without informing in advance.	