

	<h1>Polyurethane Waterproof Paint</h1>	
Product Description	This product is a single-component waterproof coating composed of isocyanate and hydroxyl resin. Meanwhile, it has excellent water resistance, weather resistance, light retention and long-term recoating.	
Typical Uses	As a new facility paint and maintenance finish, this paint can be used with most epoxy coating systems, widely applicable to a variety of environmental conditions, such as external walls of buildings, pools, bridges, offshore structures, etc.	
Technical details	Color	Customized
	Gloss	High-glossy
	Density	~1.3Kg/L
	Hardness	Polyurethane curing agent
	Solid Volume	(50±2)%
	Standard Film thickness	60µm dry film thickness (about 120µm wet film thickness)
	Theoretical spreading rate	6.41m ² /Kg (60µm dry film thickness)
	Full cure	7d
	Flash Point	33°C
Application Guide	Mixing	Use the power mixer to mix the main paint evenly, and then as you stir it, you add the hardener until you get to mix well.
	Mixing Ratio	Single component
	Thinner	Polyurethane exclusive thinner
	Airless spray	Nozzle tip: 0.017~0.023 inch
		Spray pressure: 15~18Mpa
		Thinner ratio: 0~10% (by weight of paint)
	Brush、Roller	Recommended

	Must achieve required thickness			
Drying Schedule	Substrate Temperature	10 °C	20 °C	30 °C
	To touch(30µm)	5h	2.5h	1.5h
	To handle(30µm)	20h	8h	4h
	Min. recoating time	20h	8h	4h
	Max. recoating time	-	-	-
	Pot life	4h	2h	1h
	* 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, humidity, next painting, mechanical strength, etc.			
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>			
Application conditions	Substrate temperature shall be at 3°C higher than dew point, relative humidity less than 80%. Measurement of temperature and humidity should be close to substrate.			
Classical coating system	Sealing Primer	1*20 µm (dry film thickness)		

	Polyurethane Waterproof Paint	2*30 mm (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. This volatile product is flammable. Keep this product away from flame or fire. Smoking is strictly prohibited in working area. Keep working area ventilated during application to make sure solvent vapor content is low in the air. 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	20KG
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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	<p>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.</p>		