



Eco-Friendly



Non-Toxic

ACRYLIC EMULSION

SINOGRACE

The Chemical Company

WF-800 waterproof coating reference formula

Material	Dosage /g	Remarks
pulping		
Water	20	
WF-800	260	Sinograce emulsion
5040	3	Dispersing agent
A10	2	Defoaming agents
400 mesh talcum powder	140	Padding
400 mesh coarse whiting	330	Padding
paint mixing		
WF-800	200	Sinograce emulsion
S520	1	Fungicide
SA10	2	Defoaming agents
25%ZE50	1	Polyurethane thickening agent
30%S535	7	Sinograce Alkali swelling thickening agent
Water	34	
Total	1000	
Notice	<p>This formula is based on our laboratory raw materials for the results of the test, due to the different raw materials manufacturers, test conditions are different, please use a small test before use, adjust the formula, the amount of water according to the actual situation of small test to adjust. The formula is for reference only, although the initial formula is accurate and reliable, we do not bear any responsibility for this.</p>	

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WF-800 waterproof coating test results

No.	Test item		Technical Data	Test result	Individual assessment
1	The tensile strength, Mpa \geq		1.5	1.97	qualified
2	Elongation at break, % \geq		300	367	qualified
3	Low temperature flexible		-20°C, No crack	No crack	qualified
4	Watertightness, 0.3MPa, 30min		waterproof	waterproof	qualified
5	Solid content, % \geq		Solid content, % \geq	67	qualified
6	Dry time	Surface drying time	4	<4	qualified
		Full Drying Time	8	<8	qualified
7	Tensile strength retention after processing, %	Tensile strength retention after processing, %	80	134	qualified
		Acid treatment \geq	60	65	qualified
			40	59	qualified
8	Tensile rate after treatment, %	Tensile rate after treatment, %		326	qualified
		Alkali treatment	200	546	qualified
		Acid treatment \geq		244	qualified

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