



Eco-Friendly

ACRYLIC EMULSION

Non-Toxic

SINOGRACE

The Chemical Company

WF-600 Reference formula and test results**Polymer cement waterproof coating reference formula**

Liquid :power= 200: 800

Liquid proportion			Powder proportion		
Material	Size	Dosage	Material	Size	Dosage
WF-600	55±1%	94.0	Cement	P.O42.5	400.0
Dispersing agent	Industry	2.0	Metakaolin		16.0
Industry	Industry	1.0	HPMC	10-150000	0.3
Antiseptic	Industry	1.0	high efficiency slushing agent		4.0
Water		10.2	quartz powder	70-140mesh	380
Total		200	Total		800

Notice

The 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. For reference only, we do not assume any responsibility for the accuracy and reliability of the initial formulation.

Test results

No.	Test item	Technical data	Test result	Inspection result
1	Appearance	Liquid after mixing evenly, no precipitation; Powder for the uniform, no agglomerate powder	Liquid after mixing evenly, no precipitation ; Powder for the uniform, no agglomerate powder	Qualified

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2	Dry time/h	surface drying time \leq	4h	<4	Qualified
		Full Drying Time \leq	8h	<8	
3	Impervious pressure /MPa \geq		8	0.5	0.8
4	Flexibility Transverse deformation capability /mm \geq		0.5	2	/
5	Bond strength /MPa	No treat/% \geq	0.7	1.0	Qualified
		wet base /% \geq	0.7	0.9	Qualified
		Alkali treatment /% \geq	0.7	0.9	Qualified
		Soaking treatment /% \geq	0.7	0.9	Qualified
6	Bond strength /MPa \geq		12	12	37
7	Breaking strength /MPa \geq		4	4	21
8	Alkali resistance		No cracking and spalling	No cracking and spalling	Qualified
9	Heat resistance		No cracking and spalling	No cracking and spalling	Qualified
10	Freezing resistance		No cracking and spalling	No cracking and spalling	Qualified
11	Shrinking percentage /% \leq		0.3	/	/

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