

Technical Data Sheet

Report No.: A201603136928

Sample Name		Glass mosaic				
Specifications and type		Sheet size: 327x327(mm) Monoblock: 20x20x4(mm)				
Manufacturer		Rose Mosaic Global Development Ltd	Sampling way	Random		
Sample location		Company storehouse	Date of production	2016/3/11		
Sample base		1100sq.m	Date of sampling	2016/3/22		
Sample mass		20 sheets	Date of issue	2016/4/14		
Tests required		Size deviation, Appearance, Physico-chemical properties				
Test method		GB/T 7697-1996				
Tests required			Unit	Technical	Test results	Evaluation
Size deviation allowed	Length of a side		mm	±0.5	-0.3~+0.3	Qualified
	Thickness		mm	±0.4	-0.3~+0.2	
	Total length		mm	±2.0	-1.0~+0.8	
	Gap		mm	±0.6	-0.4~+0.4	
	Periphery distance		mm	1 ~ 8	2.0~7.6	
Appearance	Deformation	Depression	mm	≤ 0.3	0.02~0.20	Qualified
		Bending	mm	≤ 0.5	0.01~0.39	
	Side defect	Length	mm	≤ 4.0	up to standard	
		Width	mm	≤ 2.0	up to standard	
	Angle defect		mm	≤ 4.0	up to standard	
	Flaw		----	No admitted	None	
	Blemish		----	No clear	up to standard	
	Buckle		----	No concentrated	up to standard	
	Open bubble	Length	mm	≤ 2.0	up to standard	
		Width	mm	≤ 0.1	up to standard	
Colour and lustre			----	Basically identical	up to standard	Qualified
Physico-chemical properties	Bonding strength of glass mosaic/stick paper		----	No off	No off	Qualified
	Off paper time	at 5min	----	No off	No off	
		at 40min	%	≥ 70	100	
	Thermo stability 90℃(30min)→18~25℃(10min) Cycle 3 times		----	No flaw or breakage	up to standard	
	Chemical stability	HC1 solution (1 mol/L, 100℃, 4h)	%	≥ 99.90	99.94	
		H2SO4 solution (1 mol/L, 100℃, 4h)	%	≥ 99.93	99.99	
		NaOH solution (1 mol/L, 100℃, 1h)	%	≥ 99.88	99.96	
		Distilled water (100℃, 4h)	%	≥ 99.96	99.99	

For and on behalf of
ROSE MOSAIC GLOBAL DEVELOPMENT LTD


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Authorized Signature(s)