

Technical Data Sheet



615967 - 300x600 Arrow Classic White Satin

12th Oct 2022

Dimensions and Surface Quality		Requirements	Test Result	Verdict
Work Size			300x600x9.5mm	
Length and Width The deviation of the average size for each tile (4 sides) from the work size	Length	± 0.5%	-0.03~+0.07%	Pass
		Maximum ± 2.0mm	-0.2~+0.4mm	
	Width	± 0.5%	-0.07~+0.10%	
		Maximum ± 2.0mm	-0.2~+0.3mm	
Thickness The deviation of the average thickness of each tile from the work size thickness		Worksize ≤ 10.0	9.5mm	Pass
		± 10%	+2.1%~+4.2%	
		Maximum 0.5mm	+0.2mm~+0.4mm	
Straightness of sides The maximum deviation from straightness, related to the corresponding work sizes		± 0.3%	-0.05%~+0.06%	Pass
		Maximum 1.5mm	-0.15mm~+0.21mm	Pass
Rectangularity The maximum deviation, from rectangularity related to the corresponding work sizes		± 0.5%	-0.05%~+0.06%	Pass
		± 2.0mm	-0.15mm~+0.22mm	Pass



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Surface Quality		A Minimum of 95% of the tiles are to be free from visible defects which can impair the appearance of a major area of tiles.	Conformed	Pass
Physical Properties				
Water Absorption		Average $10 < E \leq 20$	17.80%	Pass
		Individual Maximum 9%	17.4%~18.0%	
Modulus of Rupture (Mpa), in N/mm²		Average Minimum 15	22	N/A
		Individual Minimum 12	21~23	N/A
Crazing Resistance		No crazing or peeling on the glazed surface after the crazing test	Conformed	Pass
Chemical Properties				
Resistance to Staining		Minimum Class 3	Class 5	Pass
Resistance to household chemicals and swimming pool salts		Minimum GB	Class GA	Pass

The above Johnson Tiles technical specifications are a general indication only.

Please contact your local Johnson Tiles representative or state office for more detailed information.

