

Technical Data Sheet

Artisan

Artisan Ceramic Wall Tiles

Test Description				
LRV (Light Reflectance Value)		White – 69 LRV		Sage – 22 LRV
		Grey – 53 LRV		Terra – 33 LRV
Specifications				
Nominal Size		75x300x9m		
Dimensions and Surface Quality				
Testing Item	Technical Requirements	Unit	Result	Verdict
Surface Quality	At least 95% of the bricks have no obvious defects in the main areas	-	Qualified	Qualified
Side Length Deviation	The allowable deviation of each of the average size relative to the work size: ±1.0	mm	75.6~75.9 300~300.2	Qualified
Thickness Deviation	The allowable deviation of each of the average relation to the thickness of work size: ±0.5	mm	8.8~9.0	Qualified
Allowable deviation of straightness of sides (%)	Maximum allowable deviation: ± 0.3%	%	-0.1%~+0.1%	Qualified
Allowable deviation of deviation from rectangularity (%)	Maximum allowable deviation: ± 0.3%	%	-0.1%~+0.1%	Qualified
Surface Flatness				
Testing Item	Technical Requirements	Unit	Result	Verdict
a) Centre Curvature	Maximum allowable deviation: ±0.4%	%	-0.1%~+0.1%	Qualified
b) Edge Curvature	Maximum allowable deviation: ±0.4%	%	-0.1%~+0.1%	Qualified
c) Warpage	Maximum allowable deviation: ±0.4%	%	-0.1%~+0.1%	Qualified
Physical Properties				
Testing Item	Technical Requirements	Unit	Result	Verdict
Water Absorption Rate E (%)	E > 10 single value > 9%	%	17.3%~17.5%	Qualified
Breaking Strength, in N	Not less than 600	N	Average: 857	Qualified
Modulus of Rupture	Minimum 15	Mpa	Average: 21 Min: 29	Qualified



Crazing Test	500kPa±20kPa, steam temperature 159°C±1°C, keep 2h and no craze should appear.	-	No Craze	Qualified
Chemical Properties				
Testing Item	Technical Requirements	Unit	Result	Verdict
a) Stain Resistance; Glazed Tiles	No less than Class 3	-	Class 5	Qualified
b) Chemical Resistance; Household Chemicals	No less than Class B	-	A Level	Qualified
c) Chemical Resistance; Swimming Pool salts	No less than Class B	-	A Level	Qualified
MS ISO 13006: 2018, GROUP				

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.

