

TECHNICAL DATA SHEET

UNGLAZED PORCELAIN TILES

Lorimer Floor Tiles - 300x300 - Matt & Rock
 MS ISO 13006: 2003, GROUP Bla E \leq 0.5%

	Standard Requirements	Test Result	Test Result
Nominal Size Work Size		(Matt) 300 x 300mm (Rectified) 298 x 298 x 7.5mm	(Rock) 300 x 300mm (Rectified) 298 x 298 x 7.5mm
Dimension and Surface Quality			
Dimension: Length & Width (Average)			
The deviation, in percent, of the average size for each tile from the work size	$\pm 0.75\%$ (Surface < 410 cm ²) $\pm 0.60\%$ (Surface > 410 cm ²)	298.00mm $\pm 0.60\%$	298.00mm $\pm 0.60\%$
The deviation, in percent, of the average size for each tile from the average size of 10 test specimen	$\pm 0.50\%$	$\pm 0.50\%$	$\pm 0.50\%$
Thickness	$\pm 5.0\%$	7.5mm $\pm 5.0\%$	7.5mm $\pm 5.0\%$
Straightness of Sides	$\pm 0.50\%$	$\pm 0.50\%$	$\pm 0.50\%$
Rectangularity	$\pm 0.60\%$	$\pm 0.60\%$	$\pm 0.60\%$
Surface Flatness: a) Centre Curvature b) Edge Curvature c) Warpage	$\pm 0.50\%$ $\pm 0.50\%$ $\pm 0.50\%$	$\pm 0.50\%$ $\pm 0.50\%$ $\pm 0.50\%$	$\pm 0.50\%$ $\pm 0.50\%$ $\pm 0.50\%$
Surface Quality	Minimum 95%	Minimum 95%	Minimum 95%
Physical Properties			
Water Absorption	$\leq 0.50\%$	< 0.50%	< 0.50%
Breaking Strength, in N a) Thickness ≥ 7.5 mm b) Thickness < 7.5mm	≥ 1300 ≥ 700	> 1300 > 700	> 1300 > 700
Modulus of Rupture (Mpa)	Minimum 35 N/mm ²	> 35 N/mm ²	> 35 N/mm ²
Deep Abrasion Resistance	Maximum 175 mm ³	Maximum 175 mm ³	Maximum 175 mm ³
Abrasion Resistance (PEI)	Report Abrasion Class	Class 1 - 4	Class 1 - 4
Slip Resistance Wet Pendulum Test (Factory test)	Manufacturer to State Value	P3	P4
Chemical Properties			
Chemical resistance to: a) Household Chemicals b) Swimming pool salts c) Acid and Alkaline	Minimum UB Minimum UB Manufacturer to state classification	Minimum UB Minimum UB <u>Light Colour/Dark Colour</u> Class ULA Class ULB Class ULC	Minimum UB Minimum UB <u>Light Colour/Dark Colour</u> Class ULA Class ULB Class ULC
Staining Resistance	Minimum Class 3	Minimum Class 3	Minimum Class 3

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.