

TECHNICAL DATA SHEET

UNGLAZED PORCELAIN TILES

Lorimer Floor Tiles - 300x600 - 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 600mm (Rectified) 300 x 600 x 9.0mm	(Rock) 300 x 600mm (Rectified) 300 x 600 x 9.0mm
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)	300.00mm \pm 0.60% 600.00mm \pm 0.60%	300.00mm \pm 0.60% 600.00mm \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	$\pm 5.0\%$	9.0mm \pm 5.0%	9.0mm \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 \geq 7.5mm b) Thickness < 7.5mm	\geq 1300 \geq 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	CSIRO Test	P4 (CSIRO Test)	P4 (CSIRO Test)
Slip Resistance Oil Wet Ramp Test	CSIRO Test	R10 (CSIRO Test)	R11 (CSIRO Test)
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.