

# TECHNICAL DATA SHEET

GLAZED PORCELAIN TILES



## Urban Cement Floor Tiles - Lappato Finish

Test Description				
Wet Pendulum	N/A			
Oil Wet Ramp	N/A			
	<b>Standard requirements</b>	<b>Specifications (Lappato)</b>		
Nominal Size		300x600mm		
Work Size		300x600x9.0mm		
Dimensions and Surface Quality				
Dimensions: Length (L) & width (W) The deviation (%) of the average size for each tile from work size	+/- 0.75 % (Surface < 410cm <sup>2</sup> ) +/- 0.60 % (Surface > 410cm <sup>2</sup> )	300.00 mm +/- 0.60 % 600.00 mm +/- 0.60 %		
The deviation (%) of the average size for each tile from the average size of 10 test specimen	+/- 0.50 %	+/- 0.50 %		
Thickness	+/- 5 %	9.0 mm +/- 5 %		
Straightness of sides	+/- 0.50 %	+/- 0.50 %		
Rectangularity	+/- 0.60 %	+/- 0.60 %		
Surface Flatness:				
a) Centre curvature	+/- 0.50 %	+/- 0.50 %		
b) Edge curvature	+/- 0.50 %	+/- 0.50 %		
c) Warpage	+/- 0.50 %	+/- 0.50 %		
Surface quality	Minimum 95 %	Minimum 95 %		
Physical Properties				
Water absorption	<= 0.50 %	<= 0.50 %		
Breaking strength, in N				
a) Thickness >= 7.5	>= 1300	> 1300		
b) Thickness < 7.5mm	>= 1300	> 700		
Modulus of rupture	Minimum 35 N/mm <sup>2</sup>	Minimum 35 N/mm <sup>2</sup>		
Deep abrasion resistance	Maximum 175 mm <sup>3</sup>	Maximum 175 mm <sup>3</sup>		
Abrasion resistance	Report Abrasion Class	Class 1 - 4		
Chemical Properties				
Chemical resistance				
a) Household chemicals	Minimum UB/GB	Minimum UB/GB		
b) Swimming pool salt	Minimum UB/GB	Minimum UB/GB		
c) Acid and alkali	Manufacturer to state classification	Light/Dark Colour Class ULA / GLA Class ULB / GLB Class ULC / GLC		
Staining resistance	Minimum Class 3	Minimum Class 3		
Specification of MS ISO 13006: 2003, GROUP BIa, E <= 0.5%				

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.