

# TECHNICAL DATA SHEET

## GLAZED PORCELAIN TILES

### 600x600 Urban Cement Matt Floor Tiles

PORCELAIN TILES ARE PRODUCED CONFORMING TO SPECIFICATION OF MS ISO 13006 : 2014, GROUP B1a E ≤ 0.5%

TEST DESCRIPTION	STANDARD REQUIREMENT (ISO 13006 : 2014)	INTERNAL REQUIREMENT	TEST RESULT
Nominal Size		60 x 60cm	60 x 60cm
Work Size		600.0 x 600.0 x 9.5mm	599.8 x 599.8 x 9.5mm
<b>Dimension and Surface Quality</b>			
Dimension : Length & Width The deviation, in percent, of the average size for each tile from the work size (W)	± 0.6 % ( Surface > 410 cm <sup>2</sup> )	± 0.2 %	Average : 599.8 x 599.8mm
Thickness	A1:L33	± 5.0 %	Average : 9.53mm
Straightness of sides	± 0.5 %	± 0.2 %	± 0.2 %
Rectangularity	± 0.6 %	± 0.2 %	± 0.2 %
Surface quality	Minimum 95 %	Minimum 95 %	100%
<b>Physical Properties</b>			
Water Absorption	E ≤ 0.5 %	E ≤ 0.5%	Average : 0.04 % Ind. Max : 0.04%
Breaking Strength, in N	Not less than 1300 N	≥ 1300 N	Average : 2414N
Modulus of Rupture	Minimum 35 N/mm <sup>2</sup>	≥ 35 N/mm <sup>2</sup>	Average : 49 N/mm <sup>2</sup> Ind. Min : 49 N/mm <sup>2</sup>
Crazing Test	Required	No crazing observed	No crazing observed
<b>Chemical Properties</b>			
Chemical resistance to:			
a) Household	Minimum GB	Minimum GB	GA
b) Swimming Pool	Minimum GB	Minimum GB	GA
c) Acid and Alkaline	Manufacturer to state classification	Manufacturer to state classification	GLA
Staining Resistance	Minimum Class 3	Minimum Class 3	Class 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.