

Technical Data Sheet

400x400 Cemento

Ceramic Wall & Floor Tile

Test Description		
Wet Pendulum	Matt – P3	
Specifications		
Nominal Size	400x400mm	
Work Sizes	400x400x8.4mm	
Dimensions and Surface Quality		
Testing Item	Standard Requirements	Results
Dimension: Length & Width The deviation, in percent, of the average size for each tile from the work size	+/- 0.60 %	400.00mm +/- 0.60%
Thickness (mm)	+/- 5 %	8.4mm +/- 5%
Straightness of Sides	+/- 0.50%	+/- 0.50%
Rectangularity	+/- 0.50%	+/- 0.50%
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		
Testing Item	Standard Requirements	Results
Water Absorption	3%<E≤6%	3-6%
Breaking Strength	≥1000	≥1000
Modulus of Rupture	Minimum 22 N/mm²	Minimum 22 N/mm²
Abrasion Resistance	Report Abrasion Class	Class 1-4
Crazing Test	No Craze	No Craze



Chemical Properties		
Testing Item	Standard Requirements	Results
Household chemicals	Minimum GB	Minimum GB
Swimming pool salts	Minimum GB	Minimum GB
Acid and Alkali	Manufacturer to state classification	<u>Light/Dark Colour</u> Class LA Class LB Class LC
Staining Resistance	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.

