

TECHNICAL DATA SHEET

GLAZED CERAMIC TILES

Sorrento Wall Tiles - 300 x 400mm

MS ISO 13006: 2014, GROUP B11b, $6\% < E \leq 10\%$

	Standard Requirement	Sorrento Ice Grey Gloss	Sorrento Charcoal Gloss
Nominal Size Work Size		300 x 400mm 300 x 400 x 8.00mm	300 x 400mm 300 x 400 x 8.00mm
Dimension and Surface Quality			
Dimension: Length & Width (Average)			
The deviation, in percent, of the average size for each tile from the work size	300.00mm \pm 0.6% 400.00mm \pm 0.6%	300.00mm \pm 0.6% 400.00mm \pm 0.6%	300.00mm \pm 0.6% 400.00mm \pm 0.6%
Thickness	\pm 5.0%	8.00mm \pm 5.0%	8.00mm \pm 5.0%
Rectangularity	\pm 0.50%	\pm 0.50%	\pm 0.50%
Straightness of Sides	\pm 0.50%	\pm 0.50%	\pm 0.50%
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	$6\% < E \leq 10\%$	6 - 10%	6 - 10%
Breaking Strength, in N a) Thickness \geq 7.5mm b) Thickness $<$ 7.5mm	\geq 800 \geq 500	\geq 800 \geq 500	\geq 800 \geq 500
Modulus of Rupture (Mpa)	Minimum 18 N/mm ²	Minimum 18 N/mm ²	Minimum 18 N/mm ²
Crazing Resistance	No craze	No craze	No craze
Staining Resistance	Minimum Class 3	Minimum Class 3	Minimum Class 3
Chemical Properties			
Chemical Resistance to:			
a) Household	Minimum GB	Minimum GB	Minimum GB
b) Swimming Pool Salts	Minimum GB	Minimum GB	Minimum GB
c) Acid and Alkaline	Manufacturer to State Classification	<u>Light / Dark colour</u> Class GLA Class GLB Class GLC	<u>Light / Dark colour</u> Class GLA Class GLB Class GLC

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.

TECHNICAL DATA SHEET

GLAZED CERAMIC TILES

Sorrento Wall Tiles - 300 x 400mm

MS ISO 13006: 2014, GROUP BIIb, $6\% < E \leq 10\%$

	Standard Requirement	Sorrento Grey Gloss	Sorrento Olive Gloss
Nominal Size Work Size		300 x 400mm 300 x 400 x 8.00mm	300 x 400mm 300 x 400 x 8.00mm
Dimension and Surface Quality			
Dimension: Length & Width (Average)			
The deviation, in percent, of the average size for each tile from the work size	300.00mm \pm 0.6% 400.00mm \pm 0.6%	300.00mm \pm 0.6% 400.00mm \pm 0.6%	300.00mm \pm 0.6% 400.00mm \pm 0.6%
Thickness	\pm 5.0%	8.00mm \pm 5.0%	8.00mm \pm 5.0%
Rectangularity	\pm 0.50%	\pm 0.50%	\pm 0.50%
Straightness of Sides	\pm 0.50%	\pm 0.50%	\pm 0.50%
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	$6\% < E \leq 10\%$	6 - 10%	6 - 10%
Breaking Strength, in N a) Thickness \geq 7.5mm b) Thickness $<$ 7.5mm	\geq 800 \geq 500	\geq 800 \geq 500	$>$ 800 $>$ 500
Modulus of Rupture (Mpa)	Minimum 18 N/mm ²	Minimum 18 N/mm ²	Minimum 18 N/mm ²
Crazing Resistance	No craze	No craze	No craze
Staining Resistance	Minimum Class 3	Minimum Class 3	Minimum Class 3
Chemical Properties			
Chemical Resistance to:			
a) Household	Minimum GB	Minimum GB	Minimum GB
b) Swimming Pool Salts	Minimum GB	Minimum GB	Minimum GB
c) Acid and Alkaline	Manufacturer to State Classification	<u>Light / Dark colour</u> Class GLA Class GLB Class GLC	<u>Light / Dark colour</u> Class GLA Class GLB Class GLC

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TECHNICAL DATA SHEET

GLAZED CERAMIC TILES

JohnsonTILES 

Sorrento Wall Tiles - 300 x 400mm

MS ISO 13006: 2014, GROUP B1b, 6% < E ≤ 10%

	Standard Requirement	Sorrento Beige Gloss
Nominal Size Work Size		300 x 400mm 300 x 400 x 8.00mm
Dimension and Surface Quality		
Dimension: Length & Width (Average)		
The deviation, in percent, of the average size for each tile from the work size	300.00mm ± 0.6% 400.00mm ± 0.6%	300.00mm ± 0.6% 400.00mm ± 0.6%
Thickness	± 5.0%	8.00mm ± 5.0%
Rectangularity	± 0.50%	± 0.50%
Straightness of Sides	± 0.50%	± 0.50%
Surface Flatness: a) Centre Curvature b) Edge Curvature c) Warpage	± 0.50% ± 0.50% ± 0.50%	± 0.50% ± 0.50% ± 0.50%
Surface Quality	Minimum 95%	Minimum 95%
Physical Properties		
Water Absorption	6% < E ≤ 10%	6 - 10%
Breaking Strength, in N a) Thickness ≥ 7.5mm b) Thickness < 7.5mm	≥ 800 ≥ 500	> 800 > 500
Modulus of Rupture (Mpa)	Minimum 18 N/mm ²	Minimum 18 N/mm ²
Crazing Resistance	No craze	No craze
Staining Resistance	Minimum Class 3	Minimum Class 3
Chemical Properties		
Chemical Resistance to:		
a) Household	Minimum GB	Minimum GB
b) Swimming Pool Salts	Minimum GB	Minimum GB
c) Acid and Alkaline	Manufacturer to State Classification	<u>Light / Dark colour</u> Class GLA Class GLB Class GLC

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