

TECHNICAL SPECIFICATIONS – GLASS FLOOR TILE

Interstyle's Glass Floor Tiles are designed to be used in residential and light commercial applications in the same manner as ceramic floor tile. Glass floor tile products are resistant to chemical attack, do not absorb water and do not discolor in normal environmental conditions. Glass floor tile products are best suited for interior installations including areas of continuous immersion in water. *Interstyle* provides detailed installation instructions with all products.

Manufacturing Process

All *Interstyle* glass tile products are manufactured by fusing colored ceramic glazes onto selected clear glass at high temperatures to meet to meet or exceed the ANSI A137.2 standard. Most *Interstyle* glass tile products incorporate a microporous structure onto the back of the tile to ensure good physical bond with normal tile setting materials.

Technical data

Test Name	Test Method	ANSI A137.2 Test Requirement	Test Result	Conclusion
Water Absorption	ASTM C373	< 0.5%	0.014%	Impervious
Thermal Shock	A137.2 – 7.9		Pass	
Warpage	ASTM C485	- 0.3% – 0.40% edge - 0.3% – 0.40% diagonal	avg. 0.04% avg. 0.04%	Pass
Nominal Size	ASTM C499	- 2.00% – 2.00%	0.9%	Pass
Wear Resistance, Taber Abraser	ASTM C501	porcelain >100 clay paver >50	80.96	
Wedging	ASTM C502	- 0.25% – 0.25%	0.04%	Pass
Chemical Resistance	ASTM C650		No visual effect	Unaffected by all chemicals tested
Freeze-Thaw Resistance	ASTM C1026		No visual effect	Suitable for exposure to freezing
Abrasion Resistance	ASTM C1027		Class 3	
Resistance To Staining	ASTM C1378		No visual effect	Resistant to stains
Mohs' Scratch Hardness			#4 – #5	

Interstyle's Glass Floor Tiles must be installed in accordance with the detailed instructions that are supplied with the tile or that are available from www.interstyleglass.com

