

## Technical Data

# Iron Slate

PEI III STS High

Glazed Ceramic Porcelain Floor Tile



Property	Results:	ANSI Standards:	ASTM Designations:
Coefficient of Friction *	>0.6	As reported	ASTM C1028
Scratch Hardness / Glaze (Mohs)	6	>=5.0	EN 101
Water Absorption (%)	<0.5	< 0.5	ASTM C373
Breaking Strength (Lbs)	>450	>250	ASTM C648
Chemical Resistance	Resistant	Resistant	ASTM C650
Bonding Strength (psi)	>50	>=50	ASTM C482
Frost Resistance	Resistant	Resistant	ASTM C1026
Crazing Resistance	Resistant	Resistant	ASTM C424
Thermal Shock	Resistant	Resistant	ASTM C484
Stain Resistance	Resistant	As reported	ASTM C1378

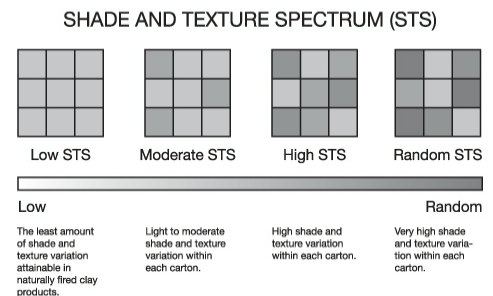
\*It is important to note that coefficient of friction test results may vary within and between production runs. Coefficient of friction can also vary after installation due to the presence of foreign materials, such as water, oil, and flooring materials; the length of the human stride at the time of slip; type of floor finish and shoe sole; and the physical and mental conditions of humans.

### Wear rating specifications for glazed floor tile

PEI I - Light Traffic  
 PEI II - Medium Traffic  
 PEI III - Medium-Heavy Traffic  
 PEI IV - Heavy Traffic  
 PEI V - Heavy-Plus Traffic

(Please refer to catalog for more detailed PEI/wear rating information)

Smooth-surface tiles are not recommended for areas exposed to direct outside traffic. Skid-inhibiting surfaces are inherently more difficult to clean. Attention to this characteristic should be noted when product is specified. Additional test information is available and can be obtained directly from Interceramic.



### Sizes

All sizes are sold on a nominal (approximate) basis.

### Variations in shade or color

Variations in shade or color are inherent in all fired clay products and are one of the natural qualities which help create the beautiful effects characteristic of tile. Blending of tiles from at least six different boxes during installation is recommended to achieve best results. This is especially important when installing skid-inhibiting tiles, as shine can differ under certain lighting conditions.

### Limits of Liability

Test are performed on random samples of Interceramic tile by an independent testing laboratory and are believed to be representative of the general quality of tile. There is no guarantee by Interceramic that this exact results will be guaranteed on every tile. Interceramic extends no guarantees expressed or implied, as to glaze slipperiness, wear-time periods, gloss or maintenance procedures. Test procedures and individual resultst are available from Interceramic.

### ANSI A-137.1 and TCNA

Interceramic tiles meet and exceed new standard release of ANSI A-137.1-2008 "American National Standards Specifications for Ceramic Tile"; besides it is an active member of TCNA in technical committee and development of GREEN new standards for ceramic tile industry.

### Please Note

Shade variation is inherent in all fired clay and natural stone products. Material furnished in a shipment may vary from the sample. Any questions regarding acceptability of product must be resolved prior to installation. Use constitutes acceptance. Please contact a company representative if you have any questions.