

CORTINA Polished Duratec™ Glazed Porcelain Rectified Floor Tile

PEI IV
High Variation




Property	Results	ANSI Standards	ASTM Designations
Scratch Hardness / Glaze (Mohs)	5.0	≥5.0	MOHS Scale
Water Absorption (%)	<0.5%	<0.5	ASTM C373
Breaking Strength (Avg Lbf)	>600	>275	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
Dynamic Coefficient of Friction*	<0.42	As Reported	ANSI A326.3


*It is important to note that Dynamic 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.

SHADE AND TEXTURE VARIATIONS


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.




V1
Low
Variation



V2
Moderate
Variation



V3
High
Variation



V4
Substantial
Variation

Low Substantial

The least amount of shade and texture variation attainable in naturally fired clay products. Light to moderate shade and texture variation within each carton. High shade and texture variation within each carton. Very high shade and texture variation found within each carton.

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.

INTERCERAMIC GREEN

Our company is committed and strives to maintain a harmonious relationship between the environment and its processes through efficient planning and achievement of our goals, therefore reducing harm to The Ecosystem.

- Not harmful to health (Free of toxic components)
- Long term
- Optimization of recycled materials without damaging the environment
- No maintenance required to preserve its originality
- Easy to clean
- Clean industry (The manufacturing process does not pollute)

TRAFFIC TYPE FOR GLAZED CERAMIC FLOOR TILE

- PEI I - Residential use light traffic
- PEI II - Residential use medium traffic
- PEI III - Commercial use medium/heavy traffic
- PEI IV - Commercial use heavy traffic
- PEI V - Commercial use heavy/plus traffic

SIZES

All products are sold in nominal (approximate) sizes.

LIMITS OF LIABILITY

Tests 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 these 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 results are available from Interceramic.

ANSI A 137.1-2012;ISO 13006, NMX-C422.ONNCCE-202

Interceramic tiles meet and exceed new standard release of ANSI A-137.1-2012 "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.

LEED®

The points are generated according to product, color and location of the work. The accompanying table shows the maximum potential only.
MR Credit 4 - Recycled Content, 10% 1 point Recycled Content, 20% 2 points
IEQ Credit 4.3 - Indoor Environmental Quality and Low-Emitting Material: Flooring Systems, VOC limit content 1 point
MR Credit 5 - Regional Materials, 10% extracted, processed and manufactured regionally 1 point Regional Materials, 20% extracted, processed and manufactured regionally 2 points
SS Credit 7.1 - Heat Island Effect: Non-Roof, having paving materials with an SRI at least 29 1 point

CORTINA Matte Duratec™ Glazed Porcelain Rectified Floor Tile

PEI IV
High Variation




Property	Results	ANSI Standards	ASTM Designations
Scratch Hardness / Glaze (Mohs)	5.5	≥5.0	MOHS Scale
Water Absorption (%)	<0.5%	<0.5	ASTM C373
Breaking Strength (Avg Lbf)	>600	>275	ASTM C648
Chemical Resistance	Resistant	Resistant	ASTM C650
Bonding Strength (psi)	>50	≥50	ASTM C482
Frost Resistance	Resistant	Resistant	ASTM C1026
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Stain Resistance	Resistant	As Reported	ASTM C1378
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