



## SPECIFICATION GUIDE

### SLIP RESISTANCE

Slip resistance is used to determine the degree of slippage on a tiled surface. Dynamic coefficient of friction (**DCOF**) is the most common measure used by the North American tile industry to identify suitable applications for a flooring product. According to DCOF AcuTest results, receiving higher than a 0.42 DCOF rating on level surfaces means there is a high slip resistance potential. A lower than a 0.42 DCOF rating has less friction and traction.

### WATER ABSORPTION

Water absorption rates are the most important measurement of a tile. The Water absorption rates are a measurement of how much moisture retains in the density of the tile.

<b>Impervious</b>	Absorb 0.5% or lower. These tiles suitable for all applications
<b>Vitreous</b>	Absorb between 0.5% and 3%. These tiles suitable for wet or indoor applications
<b>Semi-Vitreous</b>	Absorb between 3% and 7%. These tiles for indoor application
<b>Non-Vitreous</b>	Absorb 7% or higher. These tiles for indoor with no moisture only

### FROST RESISTANCE

Frost-proof is defined as the ability of tiles to withstand freeze/thaw conditions with minimal effect. A tile with **NOT** frost-proof is **NOT** suitable for outdoor use.

### SCRATCH RESISTANCE

Mohs is a scale of hardness used to determine a material's scratch resistance. The ranging from 1 to 10, with 10 being diamond, the highest rating. The higher the rating, the more scratch-resistant.

### P.E.I. RATING

PEI Rating indicates the surface abrasion resistance of tile based on testing by the Porcelain Enamel Institute. This scale helps consumers select the right type of tile for a variety of projects.

<b>PEI 0</b>	Wall use only, not suitable for use underfoot.
<b>PEI I</b>	Wall use only in residential and commercial, not suitable for use underfoot.
<b>PEI II</b>	Wall and light-duty residential floor, often used in residential bathroom.
<b>PEI III</b>	Wall, medium-duty residential floor, often used in kitchens and living spaces.
<b>PEI IV</b>	Wall, heavy-duty residential and commercial floor, often used in entryways and office.
<b>PEI V</b>	Wall, heavy-duty residential and heavy-duty commercial floor, often used in retail and industrial floor applications.