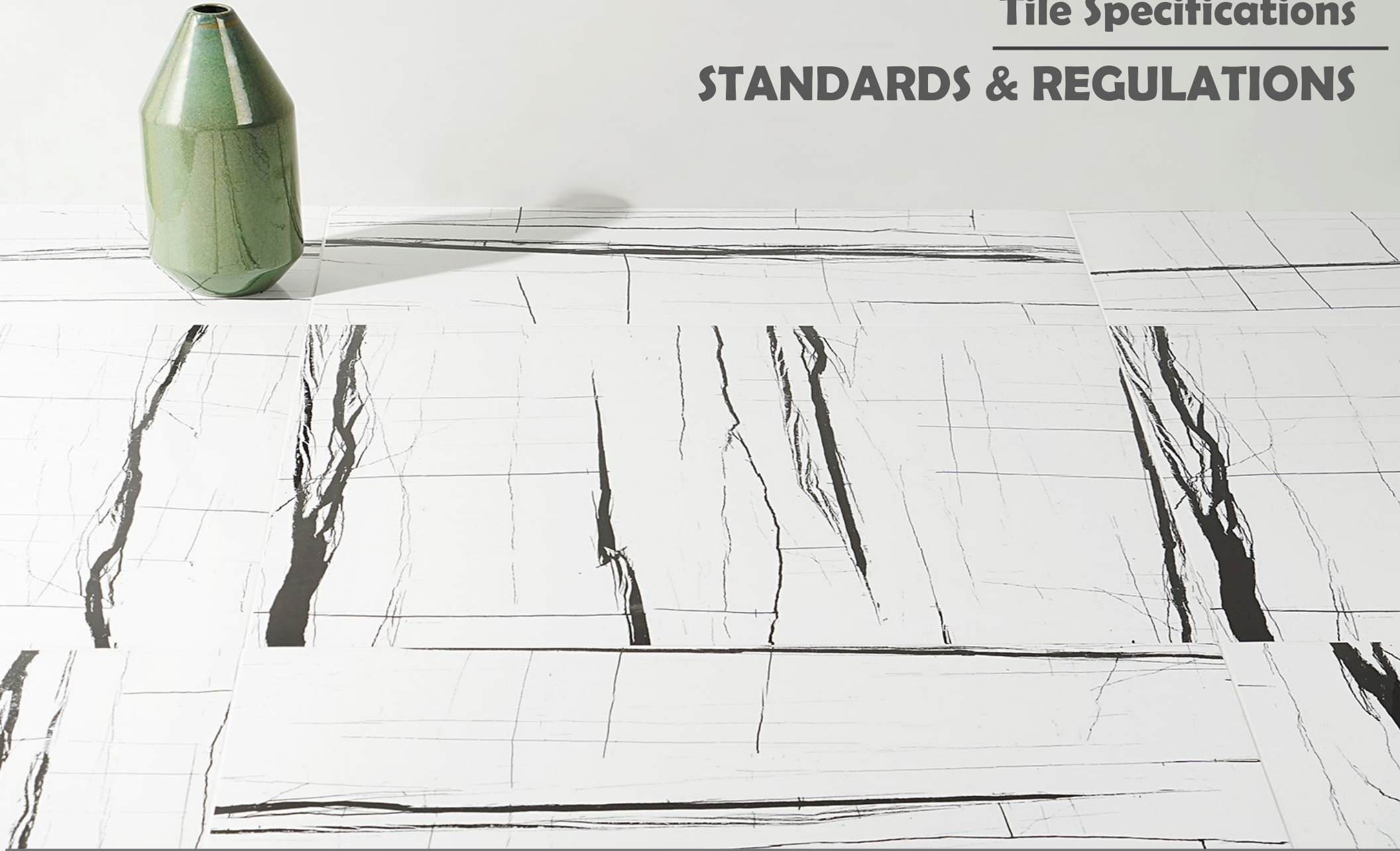


Tile Specifications

STANDARDS & REGULATIONS



About Ivy Hill Tile:

Ivy Hill Tile is a state-of-the-art tile retailer and manufacturer. Our team curates the finest materials from all over the world to bring our customers an extensive collection of exceptional products. We have a generous selection of every tile you could imagine, including but not limited to porcelain, mosaic, and waterjet tiles. Founded in 2005, Ivy Hill Tile applies 21st century business practices to provide the most forward thinking, innovative, and efficient customer experience.

Slip Resistance:

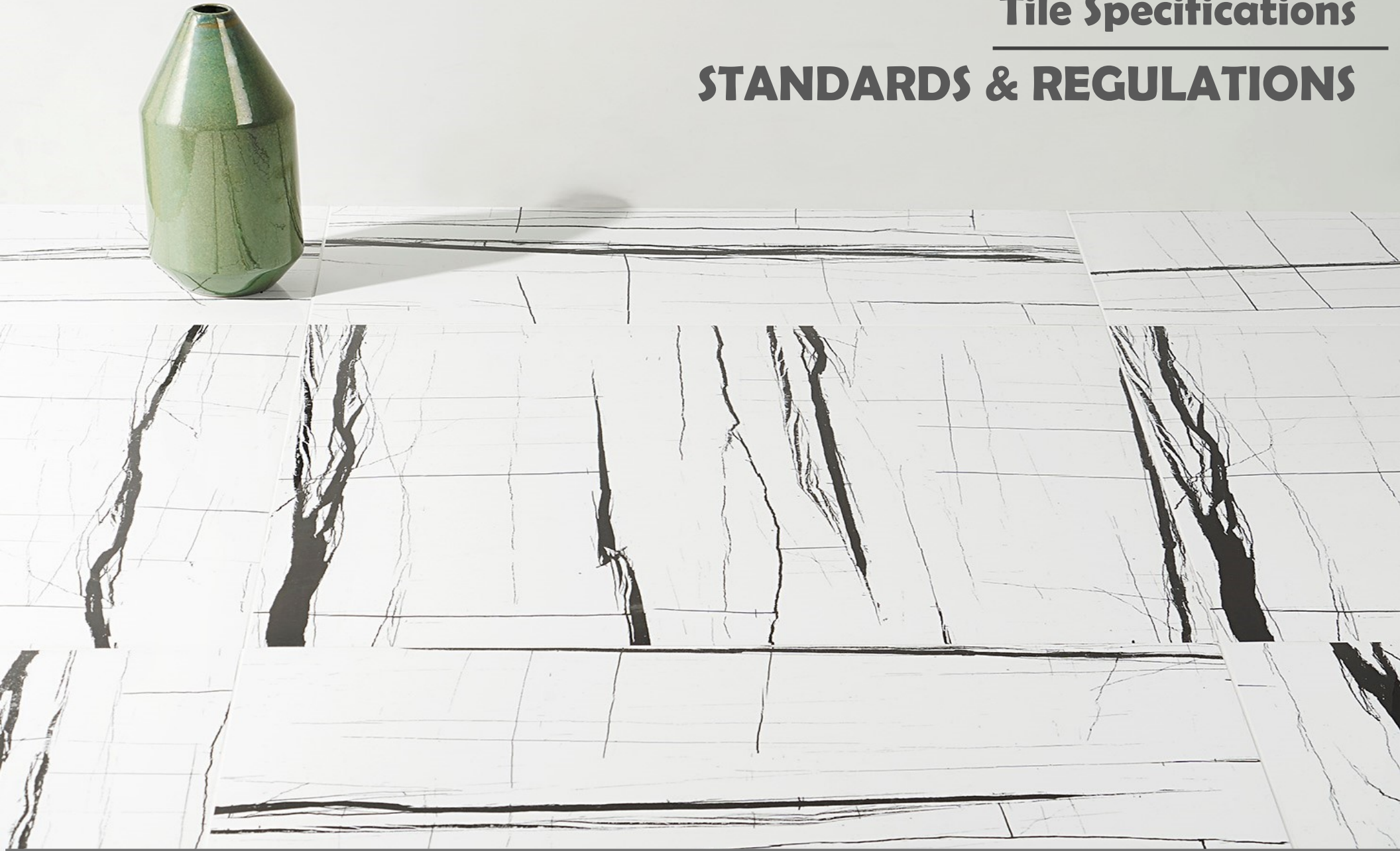
Slip resistance defines the slip resistance of a ceramic or natural tile as determined by the American Society of Testing Materials. Dynamic coefficient of friction (DCOF) is defined by a numerical range between zero and one. To meet the ADA guidelines, a tile must have a DCOF of .42 or greater. A lower number for the DCOF has less friction, traction and the surface is therefore more slippery. A higher number for the DCOF has more friction, traction and the surface is therefore less slippery.

Water Absorption:

Impervious	Tiles have the lowest absorption, 0.5% or less. These are suitable for all applications.
Vitreous	Tiles have a low absorption, .5- 3%. These are suitable for wet areas and outdoor application
Semi-Vitreous	Tiles are moderately absorbent, 3-7%. These can be used in most areas in the house
Non-Vitreous	The most absorbent tiles, exhibiting more than 7.0%. These tiles should only be used inside the house where there is no moisture or humidity . If outside the tile can crack due to freezing water.

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Frost Resistance:

Frost rating defines a tile's ability to withstand damage caused by freeze/ thaw cycles as determined by American Society of Testing Materials (ASTM). Tiles that are not able to withstand freeze/ thaw cycles are not suitable for outdoor use.

Scratch Hardness – Mohs Scale Ratings:

Scratch resistance defines the hardness of a tile as determined by Mohs scale. The test is performed by scratching the surface of the tile with different minerals, the softest being talc (#1) and the hardest being diamond (#10)

- ◆ A numerical value of #5 or greater is suitable for residential application
- ◆ A numerical value of #7 or greater is suitable for commercial application

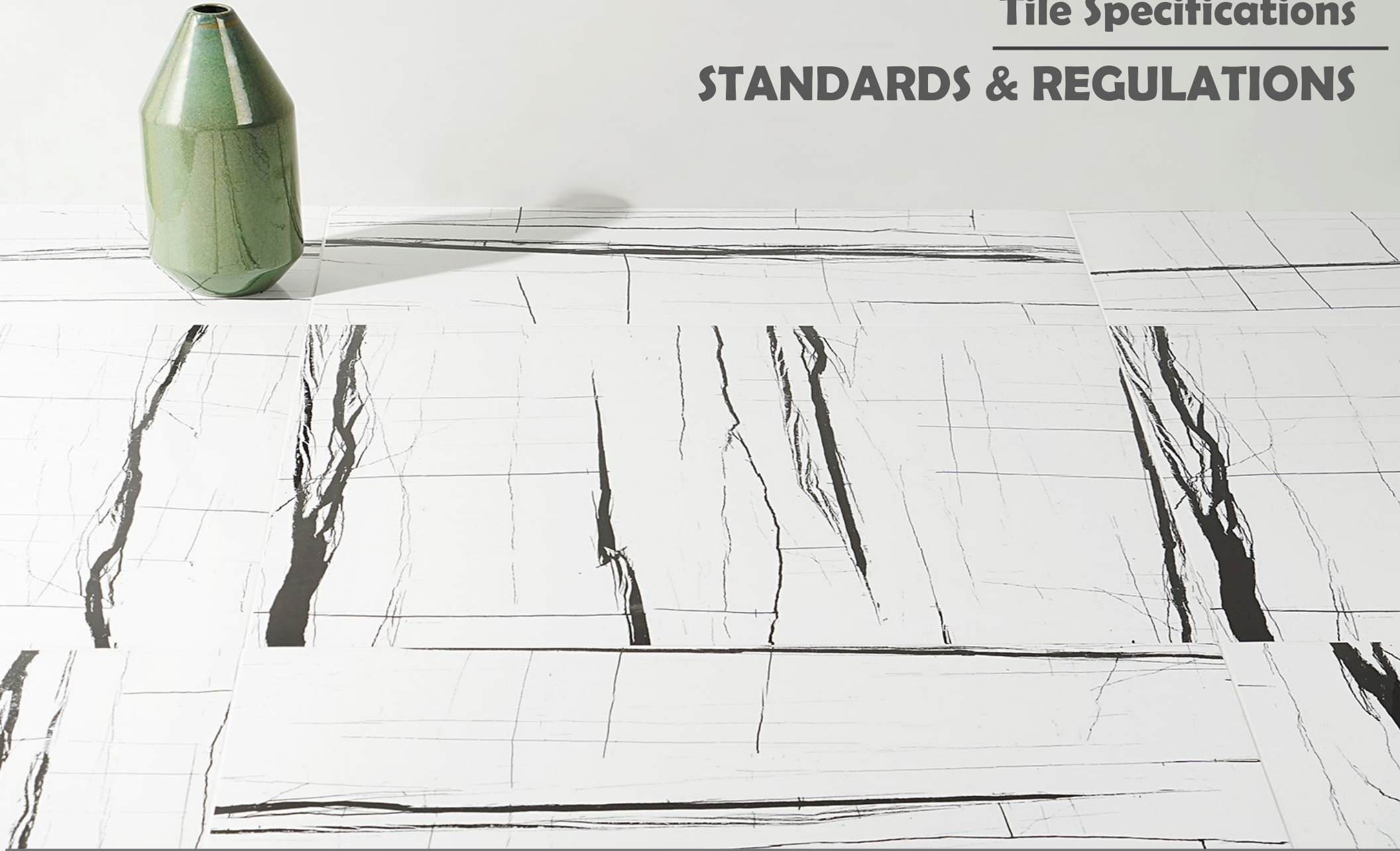
Coloration:

Colorations in the tiles can vary slightly based on the manufacturing. Tiles can range from absolute consistency to a more random appearance. Here's an overview of color and shading of individual tile selections.

- ◆ LOW (V1) | Tiles display uniform color within each tile and from tile to tile
- ◆ MEDIUM (V2) | Slight variation in texture or pattern within a certain color
- ◆ HIGH (V3) | Moderate variation from tile to tile, and within each tile. The amount of colors on each piece might vary significantly.
- ◆ RANDOM (V4) | Considerable variation from tile to tile for a unique final installation. One tile

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Wear Rating:

Wear rating defines the abrasion resistance of ceramic tile as determined by the Porcelain Enamel Institute (PEI).

- ◆ PEI I | Has the least durable surface and is not intended to be used on floors. *Used primarily as wall tile or decoration*
- ◆ PEI II | Is durable enough to withstand light residential foot traffic. *Used primary in bathrooms and bedrooms*
- ◆ PEI III | Is durable enough to withstand moderate or normal residential foot traffic. *Primarily used in kitchens and living spaces.*
- ◆ PEI IV | His durable enough to withstand heavy residential or like commercial foot traffic. Used primarily in entryways or hallways around the home and commercial spaces such as offices and salons.
- ◆ PEI V | Is Durable enough to withstand heavy commercial and industrial traffic areas. Commonly used in education, retail, and Industrial floor applications.