

Ceramic Tile Durability Porcelain Enamel Institute (P.E.I.) Wear Rating System

The P.E.I. system rates each tile on a **scale from I to IV+**, with Group IV+ being the most durable. Please note that this scale is different from the MOHS Scale, which is rated from 1-10 (used only by commercial builders). ~ taken from "Win with Ceramics"

P.E.I. Wear Rating	Description
Group I	Tiles suitable only for residential bathrooms where softer footwear is worn.
Group II	Tiles suited to general residential traffic except kitchens, entrance halls, and other areas subject to continuous heavy use.
Group III	Tiles suited for all residential and light commercial areas such as offices, reception areas, and boutiques.
Group IV	Tiles suited for medium commercial and light institutional applications such as restaurants, hotels, hospital lobbies, and corridors.
Group IV+	Tiles suitable for heavy traffic and wet areas where safety and maximum performance are a major concern such as exterior walkways, food service, salad bars, building entrances, around swimming pools, or shopping centers.

Frost Resistance Description

As indicated by the manufacturer, any product referred to as "frost resistant" has been produced for usage wherever freezing and thawing conditions occur. **Non-frost resistant tile** should not be used in exterior applications where there is freezing and thawing as the possibility of cracking may occur. **Frost resistant tile** can be used in both interior and exterior applications. ~ information provided by Euro Ceramics