

## **Abrasion resistance of glazed floor tiles (PEI)**

### **PEI Rating**

Floor tiles are classified according to their resistance to wear. The Porcelain Enamel Institute rating scale states clearly the areas that a particular tile is suitable for use. Tiles are rated with a PEI scale of between 1 and 5, 5 being the heaviest duty tile.

To make sure that you get the best out of your tiles and to avoid the risk of premature wear, make sure the tiles chosen are for the correct application.

PEI 1 – Very Light Traffic: Very low foot traffic, bare foot only. Ensuite bathrooms.

PEI 2 – Light Traffic: Slipper or soft-soled shoes. Main bathroom areas, bathrooms.

PEI 3 – Light to Moderate Traffic: Any residential area with the possible exception of some entries and kitchens if extremely heavy or abrasive traffic is anticipated.

PEI 4 – Moderate to Heavy Traffic: High foot traffic, areas where abrasive or outside dirt could be tracked. Residential entry, kitchen, balcony, and worktops.

PEI 5 – Heavy Traffic: Ceramic tile suggested for residential, commercial and institutional floor subjected to heavy traffic.