

## Abrasion Resistance Classification

Surface abrasion resistance classification of the glazed ceramics is determined by using P.E.I. method in accordance with Turkish and International standards.

- PEI I** Ceramic tile can be used on grounds where there are no abrasive materials and where one will walk barefoot or with soft-sole shoes.
- PEI II** Ceramic tile can be used on grounds where there are occasionally small amount of abrasive materials and where one will walk with soft-sole or normal sole shoes.
- PEI III** Ceramic tile can be used on grounds where there are small amount of abrasive materials and where one will walk with normal-sole shoes.
- PEI IV** Ceramic tile can be used on grounds where there are abrasive materials and which have a heavy pedestrian traffic.
- PEI V** Ceramic tile can be used on grounds where there are abundant abrasive materials and which have a heavy pedestrian traffic.

### CERAMIC ABRASION CLASSIFICATION ACCORDING TO LOCATION

<u>LOCATION THE CERAMIC SHOULD BE USED</u>	<u>MINIMUM</u>
<b>A. RESIDENCES</b>	
1. Inside apartments	
a) Kitchen	PEI 3
b) Bathroom, WC	PEI 2
c) Entrance	PEI 3
d) Living room, hall, bedroom	PEI 3
e) Balcony	PEI 3
2. Common areas	
a) Apartment building entry and landing platforms	PEI 5
b) Stairways, landing platforms	PEI 4
c) Terraces	PEI 4
d) Vehicle transport locations	PEI 5
<b>B. WORKPLACE-BUSINESS INNS</b>	
1. Common locations	
a) Business inn entry and landings	PEI 5
b) Stairways, landings	PEI 5

2.	Working areas	
	a) Personal Office	PEI 4
	b) Collective office	PEI 4
	c) Meeting and conference hall	PEI 4
<b>C.</b>	<b>SHOPPING PLACES</b>	
	a) Supermarkets, hypermarkets, stores, warehouses	PEI 5
	b) Boutiques	PEI 4
<b>D.</b>	<b>HOTELS AND RESTAURANTS</b>	
	a) Hotel reception halls	PEI 4
	b) Hotel and dining halls	PEI 4
	c) Hotel kitchen and additional parts	PEI 5
	d) Restaurants, bars, cafeterias	PEI 4
<b>E.</b>	<b>SCHOOLS AND EDUCATIONAL INSTITUTIONS</b>	
	a) Classrooms, stairs	PEI 5
	b) Laboratories	PEI 4
	c) Offices	PEI 4
	d) Lecture hall	PEI 5
	e) Dormitories	PEI 4
<b>F.</b>	<b>HOSPITALS</b>	
	a) Hospital interior (with constant pedestrian traffic)	PEI 5
	b) Emergency, Surgery rooms	PEI 5
	c) Special laboratory and departments	PEI 4
<b>G.</b>	<b>MUSEUMS, AIRPORTS AND TRAIN STATIONS</b>	
	a) Places with heavy pedestrian traffic such as waiting halls	PEI 5

**NOTE:** PLEASE CONTACT THE FACTORY FOR PRODUCT-SPECIFIC ABRASION VALUES.