



PARS TILE.co

Pressed / Dry Pressed Ceramic Tiles (Group BIa) $E \leq 0.5 \%$

TEST DESCRIPTION	International Specifications (ISO13006)	Iran Specifications (ISIRI 25)	Factory Specifications
Deviation in length	$\pm 0,5 \%$	$\pm 0,5 \%$	$\pm 0.1 \%$
Deviation in Thickness	$\pm 0.5 \text{ mm}$	$\pm 0.5 \text{ mm}$	$\pm 0.5 \text{ mm}$
Straightness Of Side	$\pm 1.5 \text{ mm}$	$\pm 1.5 \text{ mm}$	$\pm 0.5 \text{ mm}$
Rectangularity	$\pm 0,6 \%$	$\pm 0,6 \%$	$\pm 0,1 \%$
Surface Flatness	$\pm 0,5 \%$	$\pm 0,5 \%$	$\pm 0,2 \%$
Surface Quality	A minimum of 95 % of the tiles shall be free from visible defects that would impair the appearance of a major area of tiles	A minimum of 95 % of the tiles shall be free from visible defects that would impair the appearance of a major area of tiles	A minimum of 95 % of the tiles shall be free from visible defects that would impair the appearance of a major area of tiles
Modulus Of Rupture (N/mm ²)	Min 35	Min 35	Minimum 40
Water Absorption	$E \leq 0.5 \%$	$E \leq 0.5 \%$	$E \leq 0.5 \%$
Breaking strength, in N			
a) Thickness $\geq 7,5 \text{ mm}$	Min 1 300	Min 1 300	Min 3000
Frost Resistance	Required	Required	Required
Thermal Shock Resistance	Required	Required	Required
Thermal Expansion	$7 \cdot 10^{-6} \text{K}^{-1}$, max	$7 \cdot 10^{-6} \text{K}^{-1}$, max	$7 \cdot 10^{-6} \text{K}^{-1}$, max
Abrasion Resistance	Report abrasion class	Report abrasion class	Matt porcelain : 3 Polished porcelain : 2
Crazing Resistance	Required	Required	Required
Stain Resistance	Min class 3	Min class 3	Class 5
Chemical Resistance	Minimum GB	Minimum GB	CLASS AA
Remark: hardness of polished porcelain is minimum 3 Mohs.			