

TECHNICAL PARAMETERS OF PORCELAIN TILES

INSPECTION CONTENT	EN176-91	GB/T4100.1-1999	GRANIPOL STANDARTS
 Water absorption (%)	≤0.5	≤0.5	≤0.2
 Modulus of breakage(MPa)	≥27	≥35	≥42
 Breakage pressure(N)	—————	≥1300N	≥2500
 Side(%)	±0.6	±1.0	±0.6
 Thickness (%)	±5	±5	±4
 Surface flatness (%)	±0.5	±0.2	±0.09
 Straightness of sides (%)	±0.5	±0.2	±0.06
 Rectangularity (%)	±0.6	±0.2	±0.1
 Abrasion resistance (mm ³)	≤205	≤175	≤140
 Mohs hardness	≥6	—————	≥6
 Resistance to thermal shock	According to the contract	145℃~15℃	Conform to
 Frost resistance	—————	+5℃~-5℃	Conform to
 Chemical resistance	According to the contract	According to the contract	UA
 Acid and alkali solutions	According to the contract	According to the contract	ULA,UHA
 Brightness	According to the contract	≥55	≥60