



Technical Data

PORSSA porcelain slabs	Testing	Unglazed Porcelain Slab	Polished Porcelain Slab
Water absorption	ISO 10545-3	≤0.5%	≤0.5%
Breaking Strength	ISO 10545-4	4,873	3,589.90
Modulus of rupture	ISO 10545-4	Average 52MPA - Minimum 46MPA	Average 42.7MPA
Length	ISO 10545-2	±1.0 mm	±1.0 mm
Width	ISO 10545-2	±1.0 mm	±1.0 mm
Thickness	ISO 10545-2	±0.5mm	±0.5mm
Surface flatness	ISO 10545-2	±1.0mm	±1.0mm
Abrasion Resistance	ISO 10545-7	106 mm ³	≥1500 Cycle (grade 3)
Frost Resistance	ISO 10545-12	No Defect - No crack or peeling off	No Defect - No crack or peeling off
Heat Resistance	ISO 10545-9	No Defect - No crack or peeling off	No Defect - No crack or peeling off
Crazing resistance	ISO 10545-11	No Defect - No crack or peeling off	No Defect - No crack or peeling
Impact resistance	ISO 10545-5	No damage after impact test	No damage after impact test
Coefficient of friction-Dry test	GB/T 4100	0.59	0.57
Resistance to low concentrations of acids and alkalis	ISO 10545-13	ULA	GLA
Resistance to low concentrations of acids and alkalis	ISO 10545-13	UHA	GHA
Resistance to household chemicals	ISO 10545-13	Minimum UB	Minimum GB
Resistance to Staining	ISO 10545-13		Minimum class 3
Resistance to Radiation	GB6566	Kind A	Kind A
Anti-slip Angle		Minimum 12 degree	Minimum 12 degree