

DISCOVER RECTIFIED PORCELAIN

Technical Specifications

Test	Standard Requirements	Test Results
Water Absorption UNI EN ISO 10545-03	Bla (GL) <=0.5%	<0.5%
Breaking Strength UNI EN ISO 10545-04	Minimum: 1300 N	1600 N – 2400 N
Modulus of Rupture UNI EN ISO 10545-04	Minimum: 35 N/mm ²	35 N/mm ² -45 N/mm ²
Shock Resistance UNI EN ISO 10545-05	Suggested Minimum: E>0.55	Resistant
Resistance to Deep Abrasion UNI EN ISO 10545-06	Maximum: 175 mm ³	N/A
Linear Thermal Expansion UNI EN ISO 10545-08	As Reported	N/A
Thermal Shock Resistance UNI EN ISO 10545-09	Required	Resistant
Moisture Expansion UNI EN ISO 10545-10	As Reported	N/A
Frost Resistance UNI EN ISO 10545-12	Required	Resistant
Chemical Resistance UNI EN ISO 10545-13	Domestic Chemical Products: GB / Acids and Alkalis: As reported	A
Stain Resistance UNI EN ISO 10545-14	Minimum: Class 3	5
PEI Rating (Scratch Resistance) ASTM C 1027	As Reported	IV
Dynamic Coefficient of Friction (DCOF) ANSI A137.1	For Level Interior Spaces Expected to be walked upon when wet >0.42	< 0.42
Shade Variation	-	V2
Thickness	-	12" x 24" – 9.5 mm 24" x 24" – 9.5 mm 24" x 48" – 10.5 mm 48"x48" – 10.5 mm 63"x63"- 10.5mm
Number of Screens	-	12" x 24" - 48 24" x 24" - 28 24" x 48" - 14 48" x 48" – 8 63" x 63"-6