

BORNEO 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 - 2400 N
Modulus of Rupture UNI EN ISO 10545-04	Minimum: 35 N/mm ²	35 - 45 N/mm ²
Shock Resistance UNI EN ISO 10545-05	Suggested Minimum: E>0.55	Resists
Resistance to Deep Abrasion UNI EN ISO 10545-06	Maximum: 175 mm ³	Resists
Linear Thermal Expansion UNI EN ISO 10545-08	As Reported	6.2x 10 ⁻⁶ °C ⁻¹
Thermal Shock Resistance UNI EN ISO 10545-09	Required	Resists
Moisture Expansion UNI EN ISO 10545-10	As Reported	Resists
Frost Resistance UNI EN ISO 10545-12	Required	Resists
Chemical Resistance UNI EN ISO 10545-13	Domestic Chemical Products: GB / Acids and Alkalis: As reported	Complies with the standard
Stain Resistance UNI EN ISO 10545-14	Minimum: Class 3	5
PEI Rating (Scratch Resistance) ASTM C 1027	As Reported	PEI 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	-	8"x48" - 9 mm
Number of Screens	-	8"x48" - 30