

BECK PORCELAIN

Technical Specifications

Test	Standard Requirements	Test Results
Water Absorption UNI EN ISO 10545-03	Bla (GL) <=0.5%	<0.5 % Bla
Breaking Strength UNI EN ISO 10545-04	Minimum: 1300 N	>1300N - Complies with the standard
Modulus of Rupture UNI EN ISO 10545-04	Minimum: 35 N/mm ²	Complies with the standard
Shock Resistance UNI EN ISO 10545-05	Suggested Minimum: E>0.55	Not required
Resistance to Deep Abrasion UNI EN ISO 10545-06	Maximum: 175 mm ³	Not applicable
Linear Thermal Expansion UNI EN ISO 10545-08	As Reported	6.2*10 ⁻⁶ °C ⁻¹
Thermal Shock Resistance UNI EN ISO 10545-09	Required	Complies with the standard
Moisture Expansion UNI EN ISO 10545-10	As Reported	< 0,1 mm/m
Frost Resistance UNI EN ISO 10545-12	Required	Indoor and Outdoor Use.
Chemical Resistance UNI EN ISO 10545-13	Domestic Chemical Products: GB / Acids and Alkalis: As reported	Min B Min LB HB
Stain Resistance UNI EN ISO 10545-14	Minimum: Class 3	Complies with the standard
PEI Rating (Scratch Resistance) ASTM C 1027	As Reported	Barrel: 3, Amber: 4, Dune: 4 Graphite: 3, Cloud: 4
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	-	V3 MODERATE
Thickness	-	2.5" x 10" - 0.34"
Number of Screens	-	2.5" x 10" - 60