

BLUEPRINT

CERAMICS

TECHNICAL DATA

GEMSTONE

TEST DESCRIPTION	TEST REQUIREMENT	VALUE
Length & Width	EN ISO 10545-2	Complies
Thickness	EN ISO 10545-2	Complies
Straightness of Sides	EN ISO 10545-2	Complies
Rectangularity	EN ISO 10545-2	Complies
Surface Flatness	EN ISO 10545-2	Complies
Water Absorbption	EN ISO 10545-3	$\leq 0,1\%$
Flexion Resistance	EN ISO 10545-4	6 mm: S ≥ 1.100 N R ≥ 45 N/mm ² 9 mm: S ≥ 2.500 N R ≥ 48 N/mm ² 12 mm: S ≥ 4.500 N R ≥ 48 N/mm ²
Impact Resistance	EN ISO 10545-5	$> 0,89$
Abrasion Resistance	EN ISO 10545-6	< 150 mm ³
Thermal Shock Resistance	EN ISO 10545-9	No Damage
Frost Resistance	EN ISO 10545-12	No Damage
Slip Resistance	DIN 51130	Matt R9
Resistance to Stains	EN ISO 10545-14	5
Resistance to Chemicals	EN ISO 10545-13	A/LA/HA