

Range Name:
Onyx

Ref: NCL/Wall Tile/ ISO/03617/2020-21

	Testing To Standard	Average Typical Values	Result
A Dimension & Surface Quality			
Length	EN ISO 10545/2	Declared Value	Complies
Width	EN ISO 10545/2	Declared Value	Complies
Thickness	EN ISO 10545/2	Declared Value	Complies
Wedging	EN ISO 10545/2	Declared Value	Complies
Linearity	EN ISO 10545/2	Declared Value	Complies
Aspect	EN ISO 10545/2	Declared Value	Complies
Warpage	EN ISO 10545/2	Declared Value	Complies
Physical Properties			
Water Absorption	EN ISO 10545/3	≤0,5%	0,6%
Breaking Strength	EN ISO 10545/4	≥1300 N	Complies
Modulus of Rupture	EN ISO 10545/4	≥35 N/mm2	32
Impact Resistance	EN ISO 10545/5	-	0,87
Thermal Shock Resistance	EN ISO 10545/9	7 x 10-6/°C	Resistant
Abrasion Resistance	EN ISO 10545/7	-	III-V
Slip Resistance	DIN 51130	-	R9
Crazing Resistance	EN ISO 10545/11	-	R9
Frost Resistance	EN ISO 10545/12	-	Resistant
Thermal Expansion	EN ISO 10545/8	7 x 10-6/°C	Complies
Moisture Expansion	EN ISO 10545/10	0,0 mm/m	Resistant
Chemical Resistance Properties			
Chemicals Resistance	EN ISO 10545/13	Min class B	Complies
Stain Resistance Properties			
Staining Resistance	EN ISO 10545/14	Min class 3	5
Hydrochloric Acid solution 18% (V/V)	ISO 10545 - 13	Declared Value	Complies
Fire Resistance Properties			
Fire Resistance	96/603/CE	Declared Value	A1FL/A1

