ECP™ Technical Data Specification Sheet
Shannon Range

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Physical & chemical properties	Norm/test method	ECP™ 12mm
Length & Width (1620x3240mm)	ISO 10545-2	Minimum size: ≥ 1630x3250mm
Difference between diagonals	Factory	Max. deviation on the diagonal +/- 1.0mm
Weight	Factory	Average value 30 kg/m²
Surface quality/% of tiles with no visible flaws	IS0 10545-2	> 95%
Water absorption	ISO 10545-3	Average value ≤ 0.1%
Breaking strength in N/mm²	ISO 10454-4	> 4000 (sample dimensions 400x800mm)
Modulus of rupture in N/ mm²	ISO 10454-4	Average value 50 (sample dimensions 400x800mm)
Resistance to deep abrasion	ISO 10545-6	≤ 175mm³
Coefficient of linear thermal expansion / 10-6 / 0C	ISO 10545-8	Average Value 6.6
Resistance to thermal shock	ISO 10545-9	Compliant
Frost resistance	ISO 10545-12	Compliant
Chemical resistance	ISO 10545-13	Class: from A to B
Stain resistance	ISO 10545-14	Class: from 4 to 5
Fire reaction	EN 13501 (rev. 2005)	A2 - s1, d0

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