

CUSTOM PRINTED GLAZED PORCELAIN TILE

Product Classification: Group BIb (UNI EN 14411, Appendix H)

TEST STANDARDS AND CLASSIFICATION

Performance characteristics are determined in accordance with ISO 10545 test methods and classification criteria defined under UNI EN 14411 for pressed ceramic tiles.

Property	Standard	Result
Water Absorption	ISO 10545-3	0.5%–3%
Frost Resistance	ISO 10545-12	Resistant
Thermal Shock	ISO 10545-9	Conforms
Flexural Strength	ISO 10545-4	$\geq 30 \text{ N/mm}^2$
Chemical Resistance	ISO 10545-13	Resistant (except HF acid)
Thermal Expansion	ISO 10545-8	$\leq 7 \times 10^{-6} /\text{K}$
Abrasion (PEI)	ISO 10545-7	Class 4
Dimensional Tolerance	ISO 10545-2	$\pm 0.5\%$
Crazing Resistance	ISO 10545-11	No Crazing

INTENDED USE

Interior and exterior wall applications and interior floors with moderate to heavy traffic in residential, commercial, and hospitality environments. Suitable for immersion service: swimming pools, spas, saunas.

INSTALLATION

Install in accordance with [ANSI A108/A118 standards](#) and [TCNA guidelines](#). Performance depends on proper substrate preparation and installation.

PRODUCT VARIATION

Slight variations in color and tone characteristics may occur due to kiln-fired manufacturing.

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