

STRATOS ARTIC

THROUGH BODY POLISHED PORCELAIN

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TECHNICAL STANDARDS

Technical Feature	Standard / Test Method EN 14411	Stratos Artic	Marble	Silestone (Quartz)
Orthogonal	ISO 10545-2	± 0.1%	± 0.1%	± 0.1%
Flatness	ISO 10545-2	± 0.1%	± 0.1%	± 0.1%
Side Dimension	ISO 10545-2	± 0.1%	± 0.1%	± 0.1%
Water Absorption	ISO 10545-3	≤ 0.005%	> 5%	1%
Bending Resistance	ISO 10545-4	675 lbs	675 lbs	675 lbs
Breaking Strength	ISO 10545-4	600 lbs	600 lbs	600 lbs
Coefficient of Friction/ Dry	ASTM C-1028	≥ 0.75	N/A	N/A
Coefficient of Friction/ Wet	ASTM C-1028	≥ 0.55	N/A	N/A
Thermal Expansion Coefficient	ISO 10545-8	Complies According to the Standard	Complies According to the Standard	High thermal expansion
Resistance to Thermal Shock	ISO 10545-9	Complies According to the Standard	Complies According to the Standard	Deforms
Frost Resistance	ISO 10545-12	Resistant	Resistant	Resistant
Resistance Stains and Acids	ISO 10545-13-14	Does not stain	Easily stains	Stains with acids
Moh's Scale	N/A	5	N/A	N/A
Whiteness	N/A	L= 92	L= 78	L= 90
Thickness	N/A	14 mm	20 to 30 mm	20 to 30 mm
Anti-Graffiti	N/A	Yes	No	No

Stratos Artic is a pure white polished, rectified porcelain tile with a near zero water absorption level of <0.005%. The product utilizes a new production technology which uses extreme-force presses with a process of double firing to very high temperatures topping 2400°F. This process allows the product to achieve a crystallized-antibacterial effect that is highly-resistant to stains and wear.

PRODUCT CHARACTERISTICS

- Rectified porcelain tile allowing for minimal grout joints.
- Highly resistant to cracking and breakage (Stratos Artic's resistance to breakage is 1.5 times greater than marble of the same thickness).
- Large format tile 24x24 (60x60 cm).*
- Thickness of 1/2 inch (14 mm).
- Highly resistant to staining.
- Does not expand or contract with extreme temperature.
- High-level of whiteness (Light Reflective Value is 90 plus).
- Designed for high-traffic areas.
- Well-suited for exterior façade systems.

*Stratos Artic comes in a 24x24 (60x60 cm) format, but can be special ordered in larger formats including 31½x31½ (80x80 cm) or 24x48 (60x120 cm).



Environmental Certificates: ISO 14001, EMAS and ECOLABEL
Membership: U.S. Green Building Council



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CERAMIC TILE

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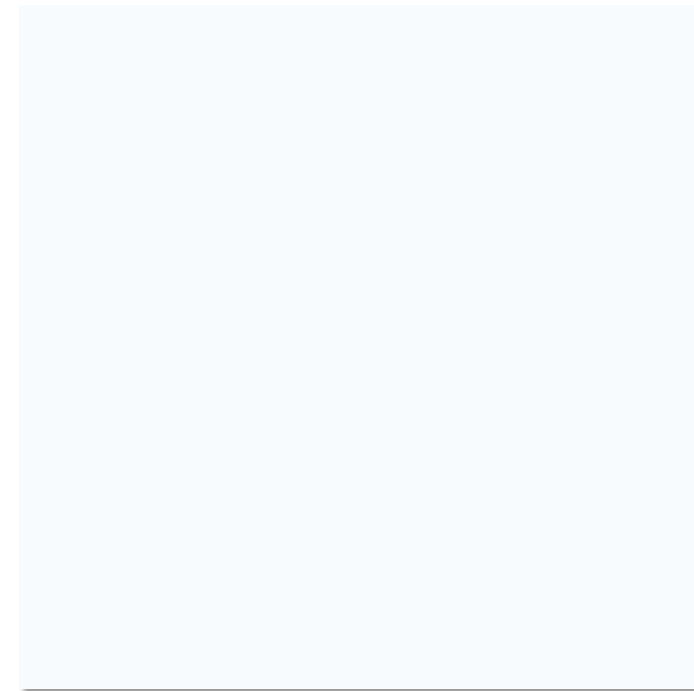
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