



Lakestone

EN

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General information

Collection	Lakestone
Manufacturer	Stone Tile
Production	Industrial
Material	Glazed Porcelain
Classification	Group Bla (ISO 13006), E≤0.5%
Surface	V3 Matt
Certifications	GB/T 4100-2015, ANSI A326.3, ISO 9001

Products & Colors

Color	Code	600×1200 24"x48"	600×600 24"x24"	300×600 12x24"
White	LAK01	✓	✓	✓
Natural	LAK02	✓	✓	✓
Smoke	LAK03	✓	✓	✓
Sand	LAK04	✓	✓	✓
Grey	LAK05	✓	✓	✓

Technical performance

Dimensional data

Thickness	9.3 mm
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Physical properties

Water Absorption	0.14% ($\leq 0.5\%$ required)
Breaking Strength	2026 N (≥ 1300 N required)
Modulus of Rupture	42.8 N/mm ² (≥ 35 required)
Abrasion Resistance	Class 4 (6000 cycles)
Stain Resistance	Class 5 (all agents)
Scratch Hardness	>7 Mohs

Chemical resistance

Household Chemicals	GA
Low Acid	GLA
High Acid	GHA

Safety & environmental

DCOF (Wet)	0.65 (ANSI A326.3-2021)
Radiation Index	Ia 0.4, Ie 0.7 (Class A compliant)

Installation guidelines

Use	Interior and exterior floors and walls
Application method	Thin-set mortar per ANSI A108/A118
Minimum joint width	2 mm
Recommended joint width	3 mm
Grout type	Cement-based or epoxy per application
Substrate	Clean, level, structurally sound surface

Installation methods vary depending on design. Contact your Stone Tile consultant for additional information.

Packing

Size	Faces per unit	Pieces per box
600x1200 mm / 24"x48"	16	2 pieces
600x600 mm / 24"x24"	24	4 pieces
300x600mm / 12"x24"	48	8 pieces

Environmental information

Recycled content	7% pre-consumer
VOC emissions	None (inherently non-emitting)
LEED compliant	Yes