Basalt Stone

Stone Collection

PORCELAIN TILES

Basalt Stone - Sand Basalt

Basalt Stone

Stone Collection

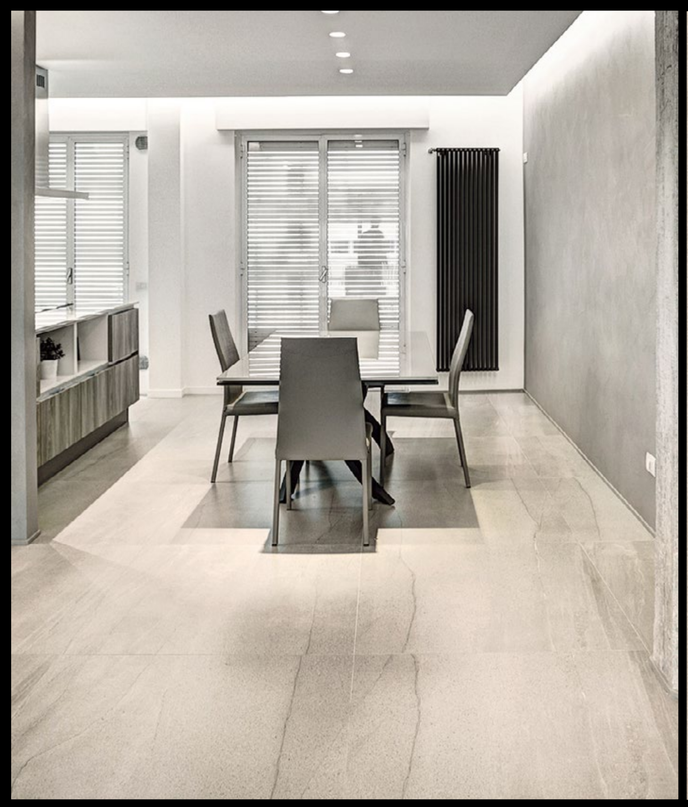
Celebrating the strength of volcanic rock, Basalt Stone features the exquisite detail and vesicular texture evident in basaltic lava. Carefully reproduced textures and veining mix to create layers of movement, resulting in a rich variation of hues and tones. Available in three generous formats, (including an extra large 1000 x 3000 mm slab suitable for wall cladding), Basalt Stone benefits from the latest compaction technology and is offered in a lightweight 6 mm thickness. This versatility brings with it new surfacing opportunities such as 'hidden' doors and integrated kitchen units. Four contemporary colours bring depth and richness to both walls and floors and ensure that Basalt Stone will continue to be a very relevant and popular surface covering.

3 COLOURS | 3 SIZES | 1 FINISH

Basalt Stone - Sand Basalt

Basalt Stone

Sand Basalt



Face 1

Face 2

Face 3

Face 4

Basalt Stone - Grey Basalt

Basalt Stone

Grey Basalt

Face 1

Face 2

Face 3

Face 4

Basalt Stone - Moka Basalt

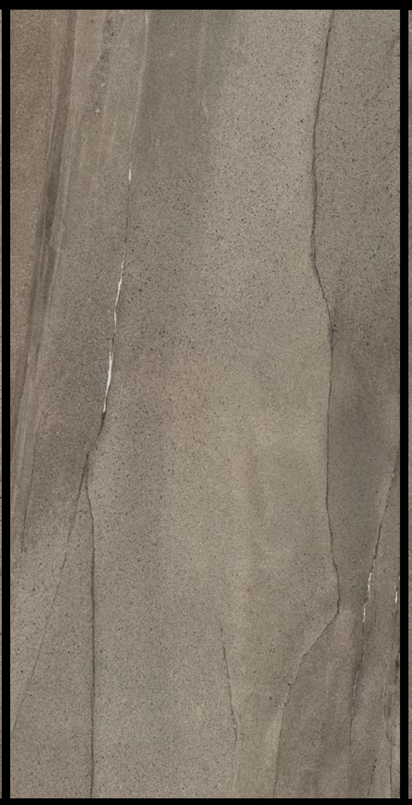
Basalt Stone

Moka Basalt

Face 1

Face 2

Face 3



Face 4

Colours

White Basalt

Sand Basalt

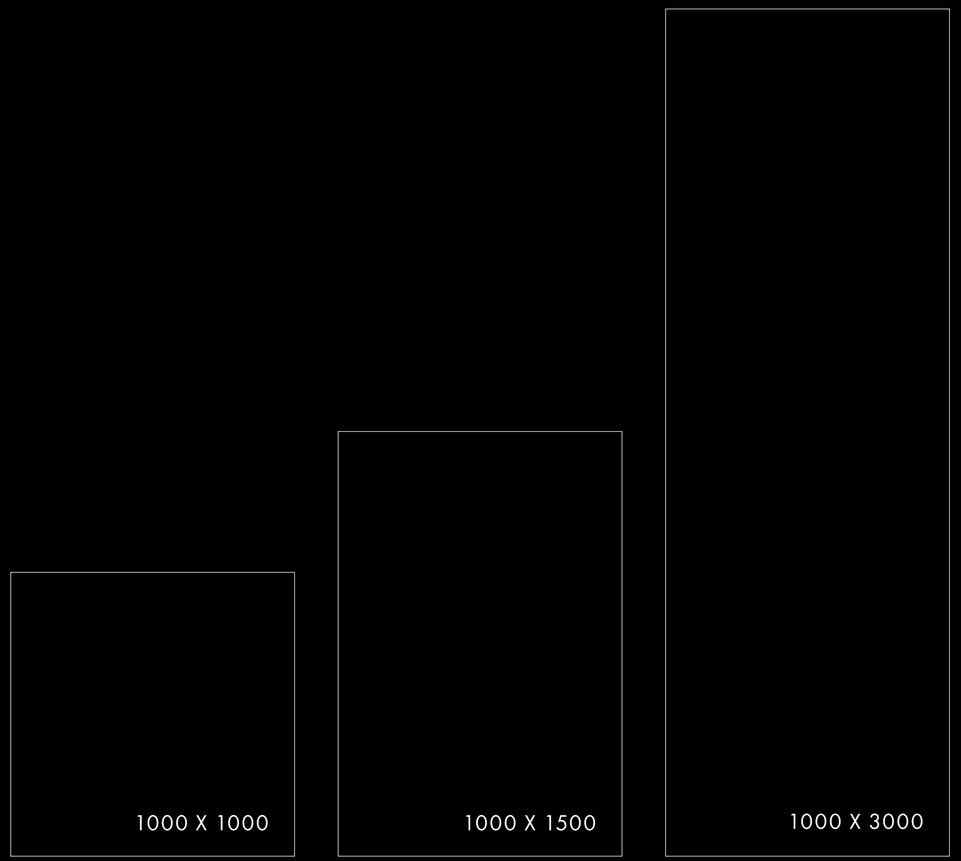
Grey Basalt

Moka Basalt

Colours

COLOUR	FINISH	SIZE(MM)
Grey Basalt | Sand Basalt	Natural	1000 X 3000 X 6
Grey Basalt | Sand Basalt	Natural	1000 X 1500 X 6
Grey Basalt | Moka Basalt | Sand Basalt	Natural	1000 X 1000 X 6

Size Guide (mm)



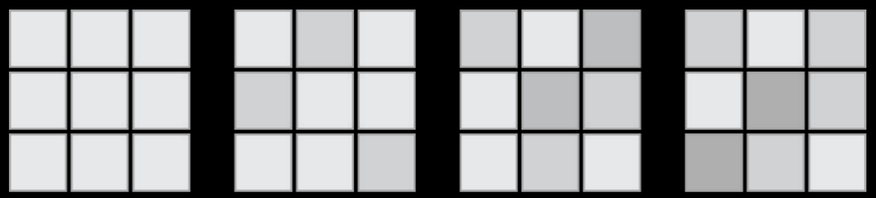
Basalt Stone - White Basalt

Technical Details

Length and width	ISO 10545-2	± 0.6% Max	± 0.1%
Thickness	ISO 10545-2	± 5% Max	± 3%
Linearity	ISO 10545-2	± 0.5% Max	± 0.1%
Wedging	ISO 10545-2	± 0.6% Max	± 0.1%
Warpage	ISO 10545-2	± 0.5% Max	± 0.2%
Water absorption	ISO 10545-3	≤ 0.5 %	0.03% - 0.06%
Deep abrasion resistance	ISO 10545-6	≤ 175 mm^3	142 mm^3
Coefficient of linear thermal expansion	ISO 10545-8	Testing method available	On request
Resistance to thermal shocks	ISO 10545-9	Testing method available	Resistant
Frost resistance	ISO 10545-12	No sample must show alterations to surface	Frost proof
Resistance to chemical products	ISO 10545-13	No sample must show visible signs of Chemical Attack (Acids, Bases, Additives For Pools) except for products contain hydrofluoric Acid And Derivatives.	Complies
Stain resistance	ISO 10545-14	Testing Method Available	Resistant to stain
Slip resistance	DIN 51130	-	R9 Natural

Shade Tone Variance

Shade, texture and tone can vary from piece to piece within a single tile production run. V1 shade tone variation has little or no change from piece to piece where a V4 might have a substantial variety of shade, texture and tone variation.



V1 V2 V3 V4

VARIANCE RATING	DESCRIPTION
V1	Uniform Appearance
V2	Slight Variation
V3	Moderate Variation
V4	Substantial Variation

COLOUR	VARIANCE
Grey Basalt	V2
Moka Basalt	V2
Sand Basalt	V2
White Basalt	V2

Ramp Test Values (DIN 51130)

DIN Standard Ramp Testing (DIN 51130) is an alternative to Pendulum Testing and generally categorised as an 'off-site' activity because of the size and complexity of the equipment required to carry out the test. The Slip Resistance Values (RSV) are factory gate values (based on supplied tiles) and categorised using the Ramp Test (DIN 51130) method which is commonly used by European factories. In this method, a lubricated inclined platform is adjusted to a gradually increasing gradient, and the angle is measured at which a person walking on it slips.

R RATING VALUE	FRICTION
R9	Minimal
R10	Normal
R11	Good
R12	Good
R13	Very High

COLOUR	FINISH/STYLE	R RATING VALUE	FRICTION
Grey Basalt	Natural	R9	Minimal
Moka Basalt	Natural	R9	Minimal
Sand Basalt	Natural	R9	Minimal
White Basalt	Natural	R9	Minimal

Basalt Stone - Sand Basalt

Environmental Certification

LEED® certification provides independent, third party verification that a building project meets the highest green building and performance measure. All certified projects receive a LEED® plaque, which is nationally recognised symbol demonstrating that a building us environmentally responsible, profitable and a healthy place to live and work. The environmental characteristics have been evaluated and found according to the requirements of content of recycled material for environmental assessment according to LEED® criteria. These products contribute to the increase in the LEED® rating of buildings where they are used.

The EU Ecolabel helps you identify products and services that have a reduced environmental impact throughout their life cycle, from the extraction of raw material through to production, use and disposal. Recognised throughout Europe, EU Ecolabel is a voluntary label promoting environmental excellence which can be trusted. Ecolabel certification applies to building products such as ceramic tiles for residential and public flooring and wall- covering. The commission in charge of the certification system measures the environmental impact caused by the entire productive cycle; in the case of ceramic tiles, the verification starts from raw material quarrying through to manufacturing, distribution, installation and their final disposal. Our factories conform and are certified by the European Community standard Ecolabel and the production process is in complete harmony with the Ecolabel certification.

GREENGUARD Certification ensures that a product meets stringent standards for minimal emissions of volatile organic compounds (VOCs) into indoor air. This program provides assurance that products designed for indoor use adhere to strict chemical emissions limits, fostering the creation of healthier interiors. Manufacturers with GREENGUARD Certification gain credibility for their sustainability claims, supported by empirical technical data from an unbiased third-party organisation. The GREENGUARD Certification Program instills confidence by ensuring that indoor products meet strict chemical emissions limits, contributing to the creation of healthier interior spaces. This empowers manufacturers to produce and customers to identify products with low chemical emissions, thereby supporting air quality and environmental well-being.

NSF® has facilitated the development of more than 75 standards and protocols for sanitary food equipment, and has certified thousands of products as safe to use in restaurant and commercial kitchen settings. NSF® food equipment standards include requirements for material safety, design, construction and product performance. The products conform to the requirements of NSF/ANSI Standard 51 – Food Equipment Materials. NSF/ANSI 51 establishes minimum public health and sanitation requirements for materials and finishes used in the manufacture of commercial foodservice equipment

An Environmental Product Declaration (EPD) is a concise document that transparently communicates the environmental performance of a product throughout its life cycle. It provides comprehensive information about the product's environmental impact, including aspects such as raw material extraction, production processes, energy consumption, and emissions. EPDs are based on standardised methodologies and enable consumers, businesses, and policymakers to make informed decisions by considering the environmental aspects of a product in a systematic and comparable way.

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