



Royal Stone

Marble Collection

PORCELAIN TILES



Royal Stone - Elegant Dune

Royal Stone

Marble Collection

Welcome to Royal Stone, the most noble of porcelain stoneware. With its innovative material, clean lines, and cool aesthetics Royal Stone is tailor-made for contemporary interiors and modern commercial spaces.

With each large format 1500 x 3000 mm slab offering 4.5 m² of surface area and requiring fewer grout lines, Royal Stone is perfect for installations that span across both floor and wall areas, creating a magnificent, continuous surface and dramatically increasing the impact of the space. Developed using the latest compaction technology, Royal Stone is available in twelve practical sizes and can be specified for a wide variety of applications including walls, floors, countertops, fireplaces and fabricated objects such as furniture and vanity units. Unlike natural marble, Royal Stone provides a virtually maintenance free and water-resistant surface that will not fade or show signs of wear. This makes it ideal for high-traffic areas such as office corridors and hotel reception areas, where Royal Stone's exquisite beauty can be enjoyed as a work of art.



Royal Stone - Montana Grey

Royal Stone
Montana Grey

Face 1

Face 2

Face 3

Face 4

Face 5



* SEE TECHNICAL SPECIFICATION TABLE A



Royal Stone - Elegant Marrone

Royal Stone
Elegant Marrone

Face 1

Face 2

Face 3

Face 4

Face 5



* SEE TECHNICAL SPECIFICATION TABLE A



Royal Stone - Elegant Dune

Royal Stone
Elegant Dune

Face 1

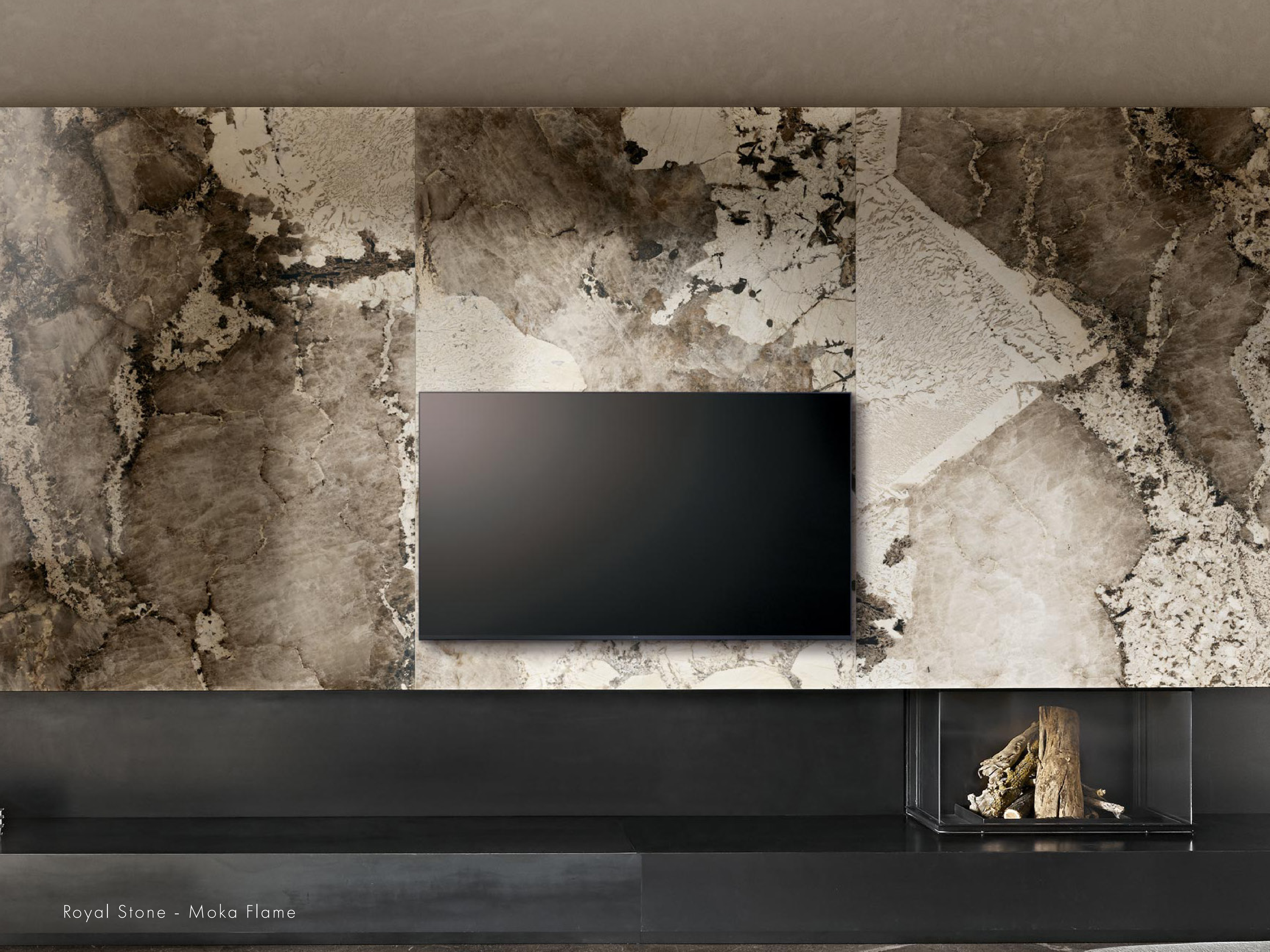
Face 2

Face 3

Face 4



* SEE TECHNICAL SPECIFICATION TABLE A



Royal Stone - Moka Flame

Royal Stone
Moka Flame

Face 1

Face 2

Face 3

Face 4

Face 5



* SEE TECHNICAL SPECIFICATION TABLE B

1200 x 2800 x 6



Royal Stone
Tundra

Face 1

Face 2

Face 3

Face 4

Face 5



* SEE TECHNICAL SPECIFICATION TABLE B

1200 x 2800 x 6

Colours



Montana Grey



Elegant Marrone

Colours



Elegant Dune



Moka Flame



Tundra



Royal Stone - Moka Flame

Colours

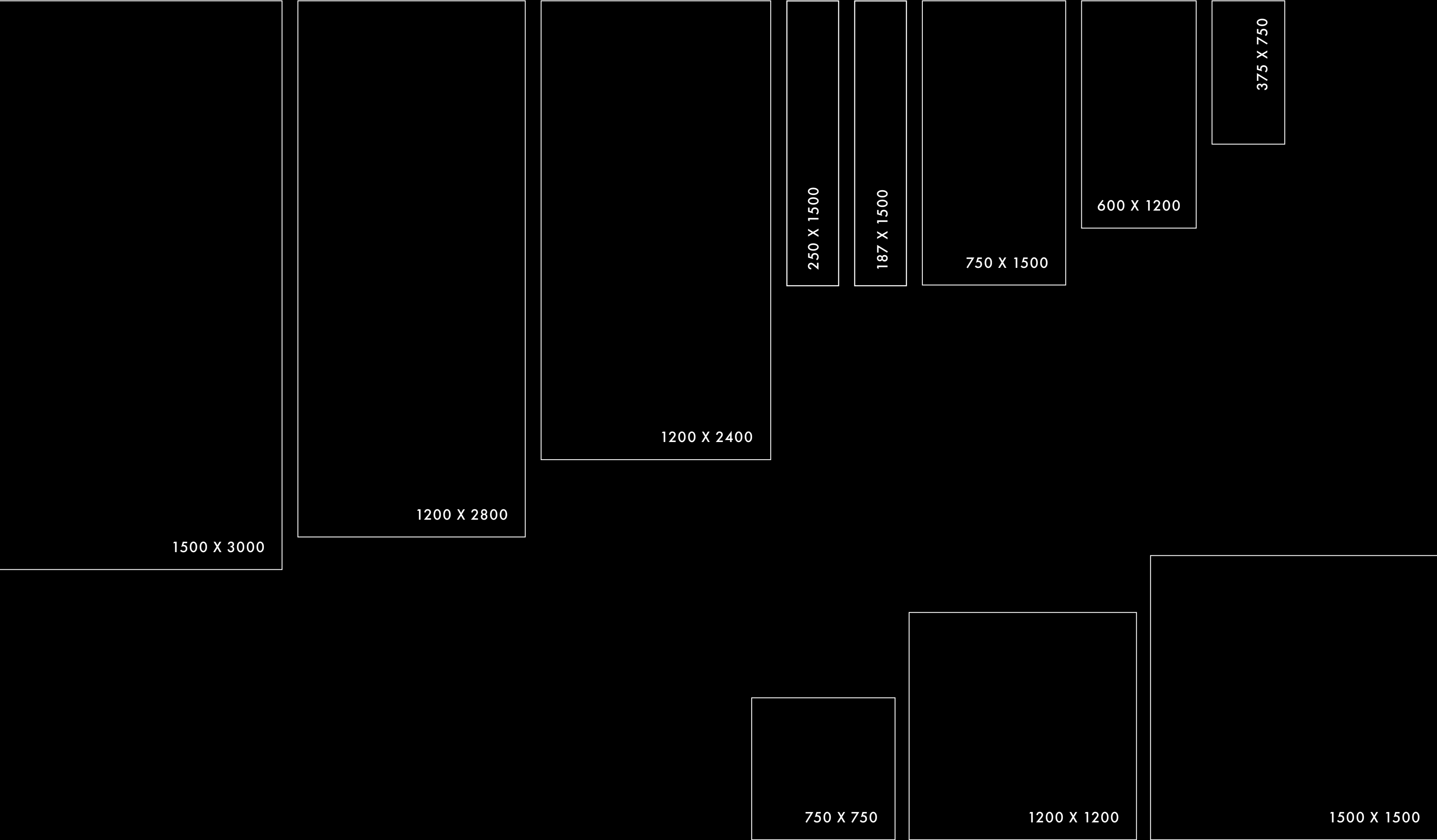
COLOUR	FINISH	SIZE(MM)
Elegant Dune Elegant Marrone Montana Grey	Honed	1500 x 3000 x 6
Elegant Marrone Montana Grey	Polished	1500 x 3000 x 6
Elegant Dune	Structured	1500 x 3000 x 6
Moka Flame Tundra	Natural R10	1200 x 2800 x 6
Moka Flame Tundra	Polished	1200 x 2800 x 6
Moka Flame Tundra	Natural R10	1200 x 2400 x 6
Moka Flame Tundra	Polished	1200 x 2400 x 6
Elegant Dune Elegant Marrone Montana Grey	Honed	1500 x 1500 x 6
Elegant Marrone Montana Grey	Polished	1500 x 1500 x 6
Elegant Dune	Structured	1500 x 1500 x 6
Elegant Dune Elegant Marrone Montana Grey	Honed	750 x 1500 x 6
Elegant Marrone Montana Grey	Polished	750 x 1500 x 6
Elegant Dune	Structured	750 x 1500 x 6
Elegant Marrone Montana Grey	Honed	250 x 1500 x 6
Elegant Marrone Montana Grey	Polished	250 x 1500 x 6
Elegant Marrone Montana Grey	Honed	187 x 1500 x 6
Elegant Marrone Montana Grey	Polished	187 x 1500 x 6
Moka Flame Tundra	Natural R10	1200 x 1200 x 6
Moka Flame Tundra	Polished	1200 x 1200 x 6
Moka Flame Tundra	Natural R10	600 x 1200 x 9
Moka Flame Tundra	Polished	600 x 1200 x 9
Moka Flame Tundra	Natural R10	600 x 1200 x 6
Moka Flame Tundra	Polished	600 x 1200 x 6

Colours continued

Elegant Dune | Elegant Marrone | Montana Grey
Elegant Marrone | Montana Grey
Elegant Dune
Elegant Marrone | Montana Grey
Elegant Marrone | Montana Grey

Honed 750 x 750 x 6
Polished 750 x 750 x 6
Structured 750 x 750 x 6
Honed 375 x 750 x 6
Polished 375 x 750 x 6

Size Guide (mm)



Technical Details - Table A

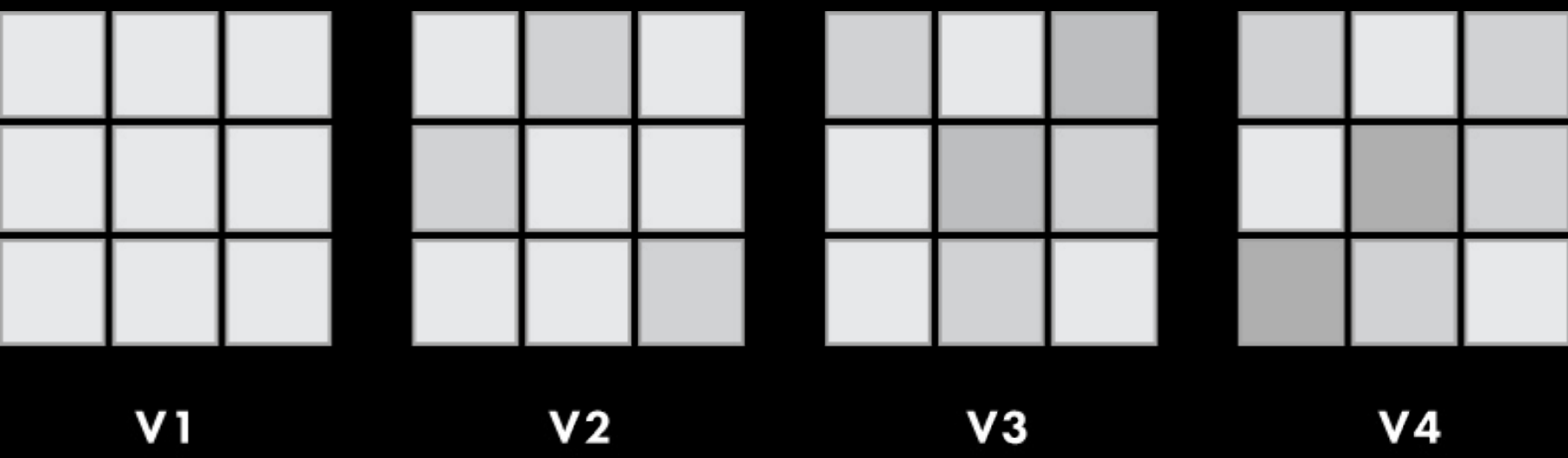
TECHNICAL DATA	STANDARD	REQUIREMENT	COLLECTION VALUE
Length And Width	ISO 10545-2	± 0.6% Max	± 0.1%
Thickness	ISO 10545-2	± 5% Max	± 5%
Linearity	ISO 10545-2	± 0.5% Max	± 0.1%
Wedging	ISO 10545-2	± 0.5% Max	± 0.1%
Warpage	ISO 10545-2	± 0.5% Max	± 0.2%
Water Absorption	ISO 10545-3	≤ 0.5 %	Natural: 0.03% - 0.06% Polished: 0.05% - 0.08%
Deep Abrasion Resistance	ISO 10545-6	≤ 175 Mm ³	140 Mm ³
Coefficient Of Linear Thermal Expansion	ISO 10545-8	≤ 9x10-6 °C-1	6.5x10-6 °C-1
Resistance To Thermal Shocks	ISO 10545-9	Testing Method Available	Resistant
Frost Resistance	ISO 10545-12	Must Not Produce Noticeable Alteration To Surface	Conforms
Chemical Resistance	ISO 10545-13	Testing Method Available	On Request
Stain Resistance	ISO 10545-14	Testing Method Available	Resistant To Stain
Colour Resistance To Light	DIN 51094	Must Not Produce Noticeable Colour Variation	Conforms

Technical Details - Table B

TECHNICAL DATA	STANDARD	REQUIREMENT	COLLECTION VALUE
Length And Width	ISO 10545-2	± 0.6% Max	± 0.15%
Thickness	ISO 10545-2	± 5% Max	± 5%
Linearity	ISO 10545-2	± 0.5% Max	± 0.1%
Wedging	ISO 10545-2	± 0.5% Max	± 0.2%
Warpage	ISO 10545-2	± 0.5% Max	± 0.2%
Water Absorption	ISO 10545-3	≤ 0.5 %	± 0.8%
Deep Abrasion Resistance	ISO 10545-6	≤ 175 Mm³	140 Mm³
Resistance To Thermal Shocks	ISO 10545-9	Testing Method Available	Resistant
Frost Resistance	ISO 10545-12	Must Not Produce Noticeable Alteration To Surface	Resistant
Chemical Resistance	ISO 10545-13	Testing Method Available	On Request
Stain Resistance	ISO 10545-14	Testing Method Available	Class 4-5

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.



Variance Rating	Description
V1	Uniform Appearance
V2	Slight Variation
V3	Moderate Variation
V4	Substantial Variation

COLOUR	VARIANCE
Elegant Dune	V3
Elegant Marrone	V3
Moka Flame	V4
Montana Grey	V3
Tundra	V3

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
Elegant Dune	Structured	R10	Normal
Moka Flame	Natural R10	R10	Normal
Tundra	Natural R10	R10	Normal

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 is 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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