

Fullbody &
Colorbody Tiles

italica
INNOVATING TRENDS

SLABS

COLLECTION

800x
2400
mm



Slashing
Away
The Ordinary

Excellence Redefined

Standing as a beacon of excellence, Italica's journey of 20 years is marked by commitment to innovation, quality, and customer satisfaction. From single homes to large residential developments, we blend artistry and advanced technology in every tile we produce.

Class.
Creativity.
Commitment.



Designed in
ITALY 



NATURE'S PURE INSPIRATION

In the heart of Italy, our designers draw inspiration from the timeless beauty of natural stone. Immersed in serene landscapes, they capture nature's textures, colors, and patterns, igniting pure creativity.

- World's Best Marbles & Stones
- Authentic Natural Colors
- Unique Patterns & Textures

VISION TO PERFECTION

Transforming inspiration into reality, our Italian designers refine each design with cutting edge technology and modern innovation. Every tile is a testament to their dedication to perfection and quality.

- Variety of Finishes
- High-Definition Detailing
- Correcting Flaws



RESULTS THAT MESMERIZE

From inspiration to perfection, our "Designed in Italy" collection brings Italian beauty and sophistication into your home, adding a touch of timeless elegance to any space.

- Timeless Elegance
- Versatile Applications
- Distinct & Rare Spaces



Vision

To become the forerunner of innovation in the ceramic tile industry, setting the global standard for quality, artistry, and functionality, and becoming the preferred choice for enhancing living and working spaces worldwide.

Brand Promise

To craft ceramic tiles that represent our core values of class, creativity, and commitment, enhancing living and working environments with innovative designs and unparalleled quality.

Values

The corporate values governing Italice are not just words on paper; they are a commitment to our excellence and authenticity.

Integrity

We uphold the highest standards of honesty and ethical behavior in all our business practices, ensuring fair treatment for our associates and partners.

Passion

We are driven by a relentless pursuit of quality and innovation, aiming to exceed client expectations and serve consumers worldwide with dedication.

Perseverance

In the face of challenges, we persist with determination and creativity, continuously striving to expand our presence and impact across the globe.

Punctuality

Our commitment to timely delivery is unwavering. We streamline our processes to ensure products reach our customers promptly and efficiently.

Commitment

We are devoted to meeting the diverse needs of our customers, constantly working to deliver satisfaction and build lasting relationships.

Adorned Worldwide

80+

Countries We Export

1500+

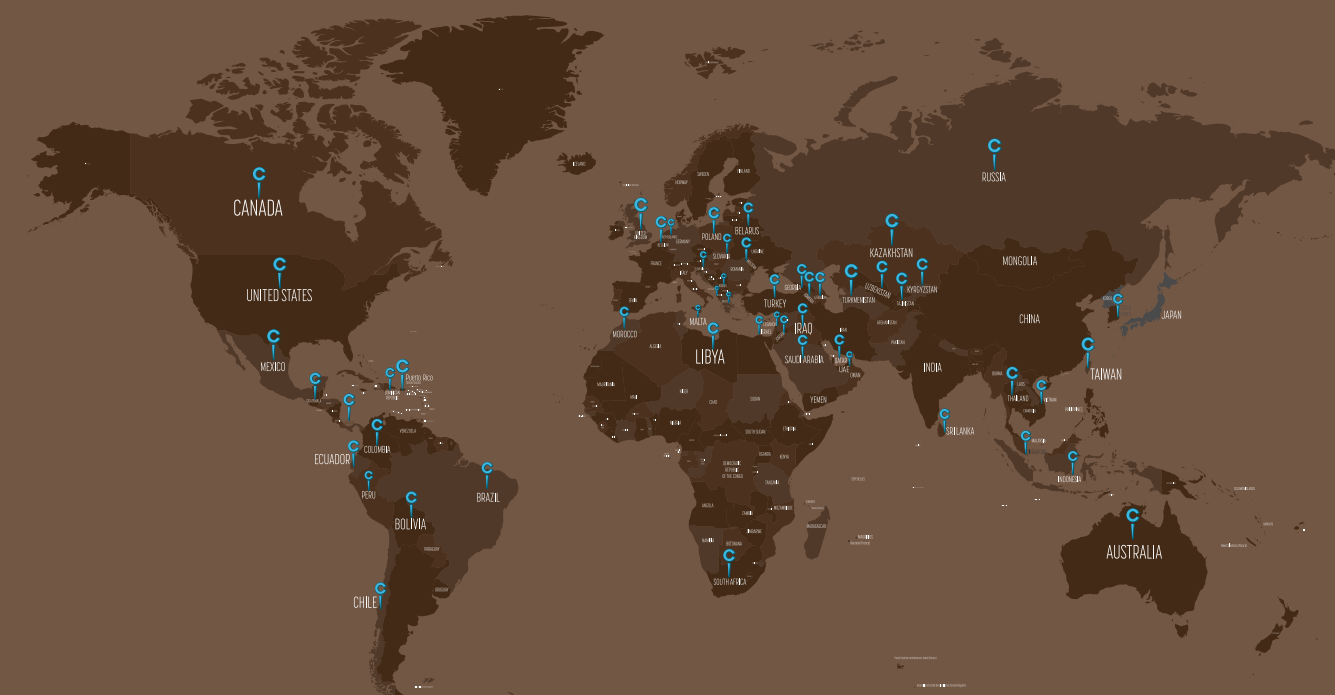
Unique Designs

800+

National & International Clients

1700+

Employees Worldwide



Albania • Armenia • Australia • Azerbaijan • Belgium • Belarus • Bhutan • Bolivia • Brazil
Canada • Chile • Colombia • Dominican Republic • Ecuador • Georgia • Greece • Guatemala
Hungary • Indonesia • Iraq • Israel • Jordan • Kazakhstan • Kosovo • Kyrgyzstan • Libya • Lebanon
Macedonia • Malta • Mexico • Moldova • Morocco • Netherlands • Oman • Panama • Peru
Poland • Puerto Rico • Qatar • Russia • Saudi Arabia • Serbia • Singapore • Slovakia • Slovenia
South Africa • South Korea • Spain • Sri Lanka • Tajikistan • Taiwan • Thailand • Turkey • Turkmenistan
U.A.E. • U.K. • U.S.A. • Uzbekistan • Vietnam • Yemen

INTERACTIVE INDEX



SAGO (FULLBODY) SERIES

(NUTECH)

- SAGO CHOCO** SPECIAL #NUTECH
- SAGO NERO** SPECIAL #NUTECH
- SAGO WHITE** SPECIAL #NUTECH
- SAGO CREMA** BASIC #NUTECH
- SAGO BARLY** BASIC #NUTECH
- SAGO CHARCOAL** BASIC #NUTECH

(POLISHED)

- SAGO CHOCO** SPECIAL POLISHED
- SAGO NERO** SPECIAL POLISHED
- SAGO WHITE** SPECIAL POLISHED
- SAGO BARLY** BASIC POLISHED
- SAGO CHARCOAL** BASIC POLISHED
- SAGO CREMA** BASIC POLISHED

GRANY (FULLBODY) SERIES

(MATT)

- GRANY BLACK** SPECIAL MATT
- GRANY WHITE** SPECIAL MATT
- GRANY WALNUT** SPECIAL MATT
- GRANY CAMEL** BASIC MATT
- GRANY CREMA** BASIC MATT
- GRANY GREY** BASIC MATT

(POLISHED)

- GRANY BLACK** SPECIAL POLISHED
- GRANY WHITE** SPECIAL POLISHED
- GRANY WALNUT** SPECIAL POLISHED
- GRANY CAMEL** BASIC POLISHED
- GRANY CREMA** BASIC POLISHED
- GRANY GREY** BASIC POLISHED


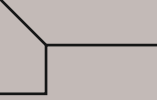
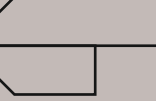

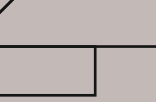
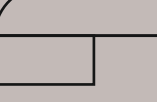
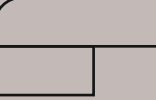
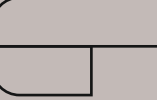
OTHER FULLBODY

- ROYAL QUARTZ** POLISHED
- GRAPHITE GREY** BASIC MATT
- STEEL GREY** BASIC MATT
- GRAPHITE GREY** BASIC POLISHED
- STEEL GREY** BASIC POLISHED
- BLACK** SPECIAL POLISHED
- WHITE** BASIC POLISHED

COLOR BODY

- GLITTY BLACK** SPECIAL MATT
- GLITTY WHITE** BASIC MATT
- CRYSTAL WHITE** POLISHED
- CRYSTAL WHITE** NUTECH
- LABRADORITE HUGE** SPECIAL POLISHED
- SATUARIO YUKA** BASIC POLISHED
- PORTORO GOLD** SPECIAL POLISHED
- SATUARIO CANOVA** BASIC POLISHED
- VOLGA AZUL** SPECIAL POLISHED

EDGE PROFILES

 Eased	 Miter 1-1/2"
 Double Bevel	 Full Bullnose
 Bevel 1/4	 Roll 1/4
 Half Bullnose	 Roll 1/4 Top & Bottom

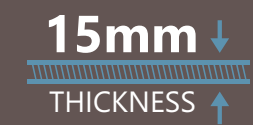


SAGO

Series

Experience luxury with our 800x2400mm full-body tiles, 15mm thick. These tiles redefine elegance with seamless designs, reducing grout lines for easy maintenance. Ideal for high-traffic areas, they offer timeless beauty and are perfect for floors, walls, and artistic installations. Elevate your space with our full-body tiles

FULLBODY



FULLBODY

AVAILABLE IN :

NUTECH | POLISHED

Nutech (Special) | 800x
2400mm

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italica
INNOVATING TRENDS

SAGO CHOCO

FULL BODY



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15mm ↓
THICKNESS ↑

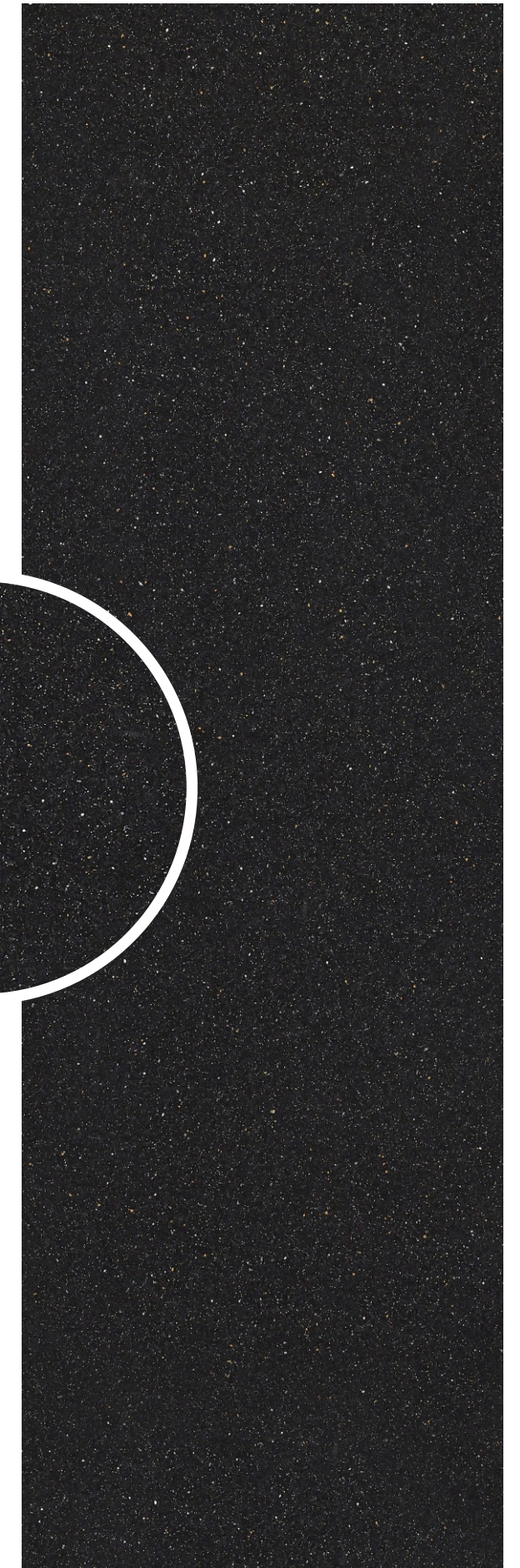
Nutech (Special) | 800x2400mm

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italica
INNOVATING TRENDS

SAGO NERO

FULL BODY



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15mm
THICKNESS

Nutech (Special) | 800x
2400mm

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italica
INNOVATING TRENDS

SAGO WHITE

FULL BODY



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15mm
THICKNESS

Nutech (Basic) | 800x
2400mm

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italica
INNOVATING TRENDS

SAGO CREMA

FULL BODY



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15mm ↓
THICKNESS ↑

Nutech (Basic) | 800x2400mm

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italica
INNOVATING TRENDS

SAGO BARLY

FULL BODY



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Click here for 360 View 

15mm
THICKNESS

Nutech (Basic) | 800x
2400mm

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italica
INNOVATING TRENDS

SAGO CHARCOAL

FULL BODY



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15mm
THICKNESS

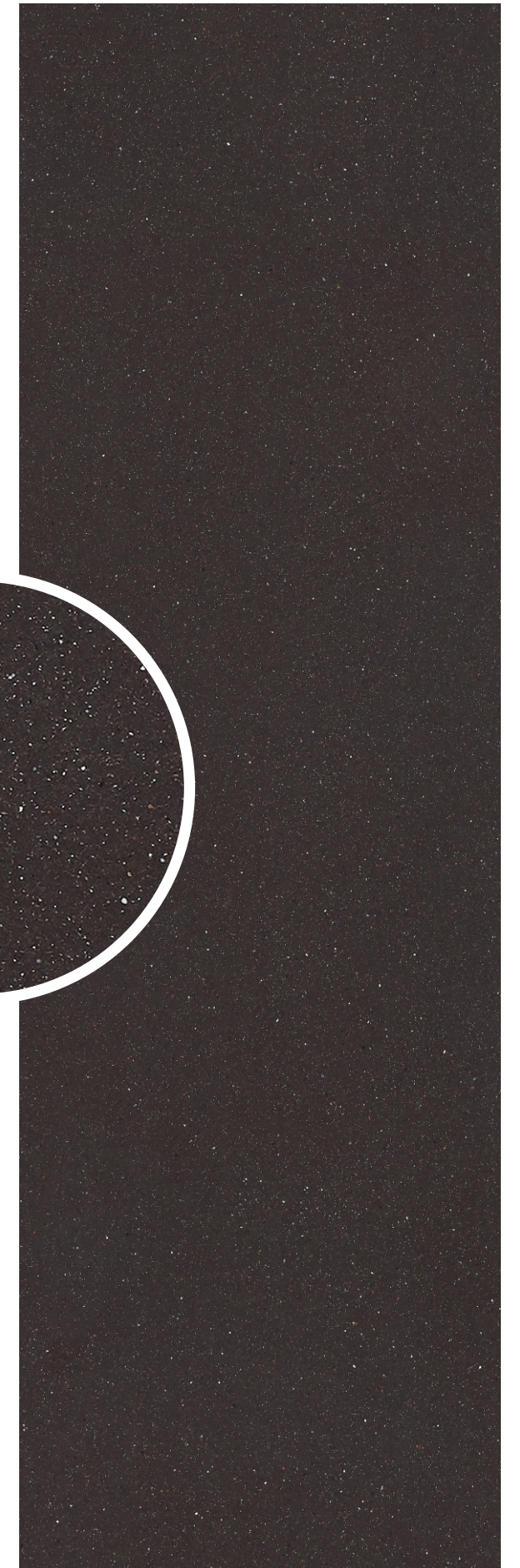
Polished (Special) | 800x
2400mm

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italica
INNOVATING TRENDS

SAGO CHOCO

FULL BODY



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15mm ↓
THICKNESS ↑

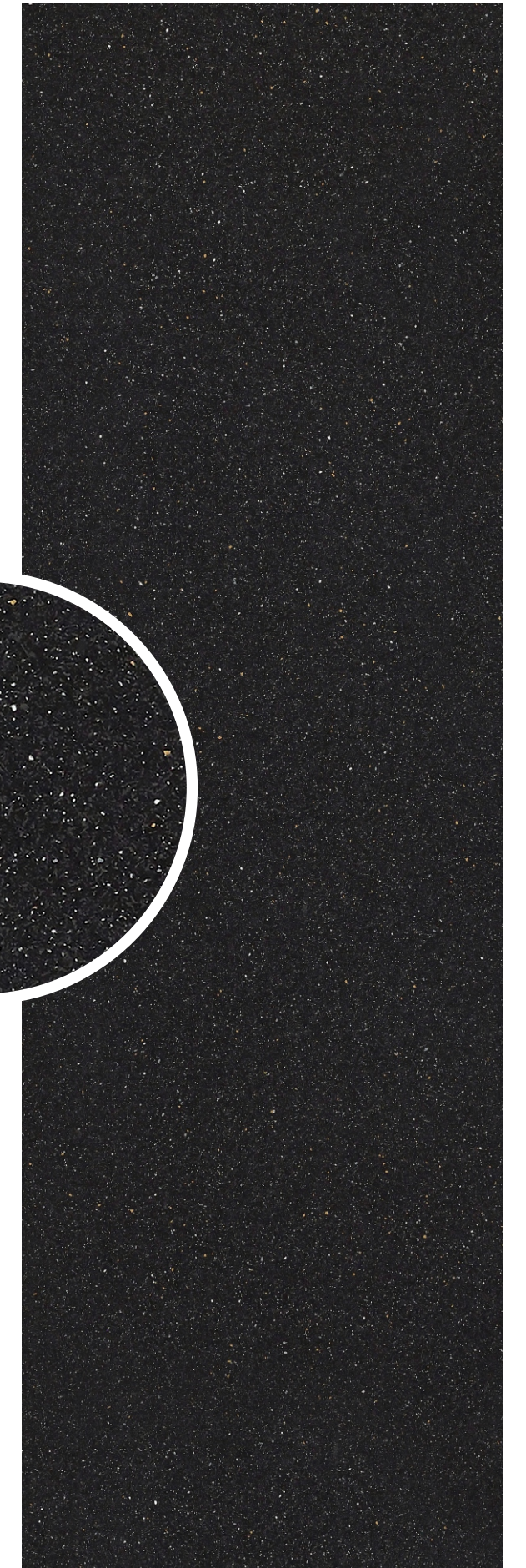
Polished (Special) | 800x2400mm

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italica
INNOVATING TRENDS

SAGO NERO

FULL BODY



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Click here for 360 View 

15mm
THICKNESS

Polished (Special) | 800x
2400mm

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italica
INNOVATING TRENDS

SAGO WHITE

FULL BODY



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15mm ↓
THICKNESS ↑

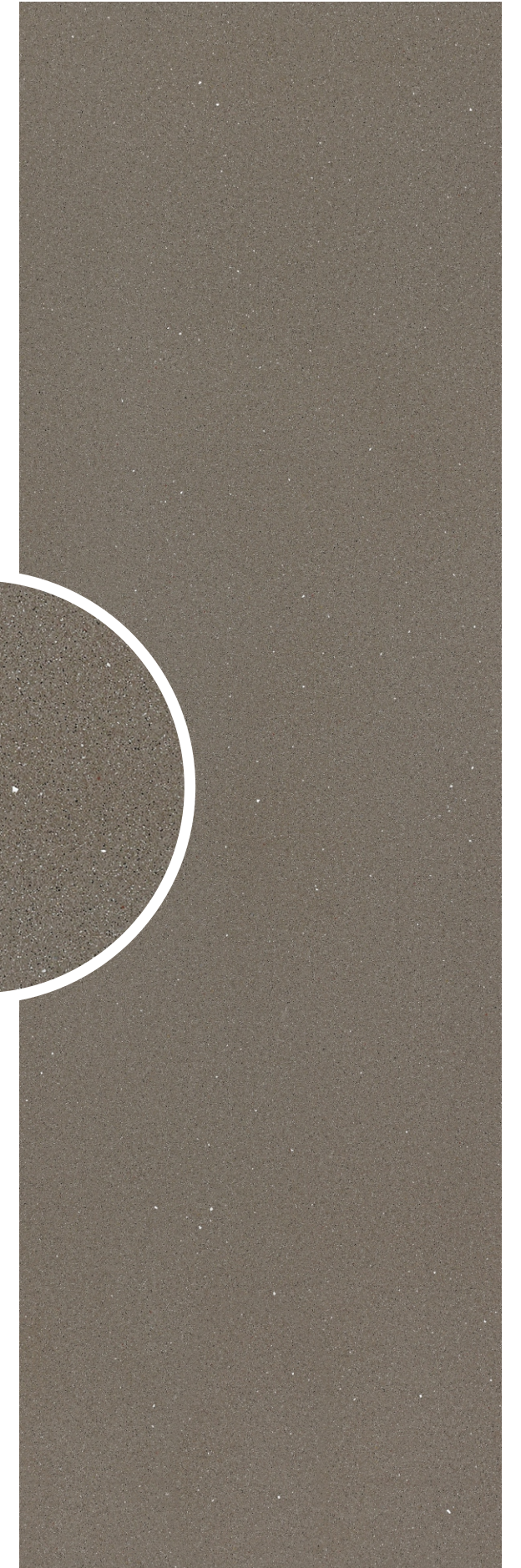
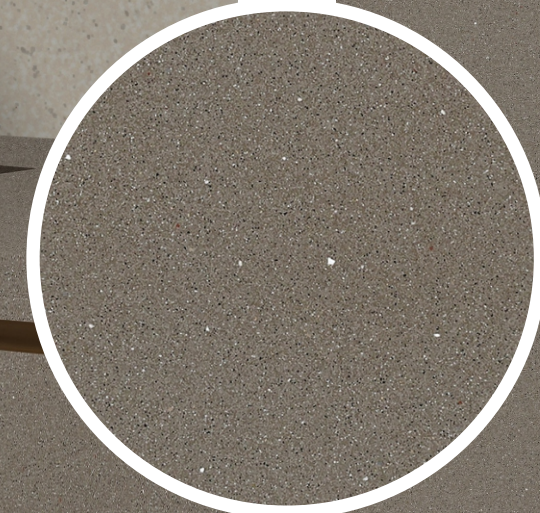
Polished (Basic) | 800x
2400mm

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italica
INNOVATING TRENDS

SAGO BARLY

FULL BODY



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15mm ↓
THICKNESS ↑

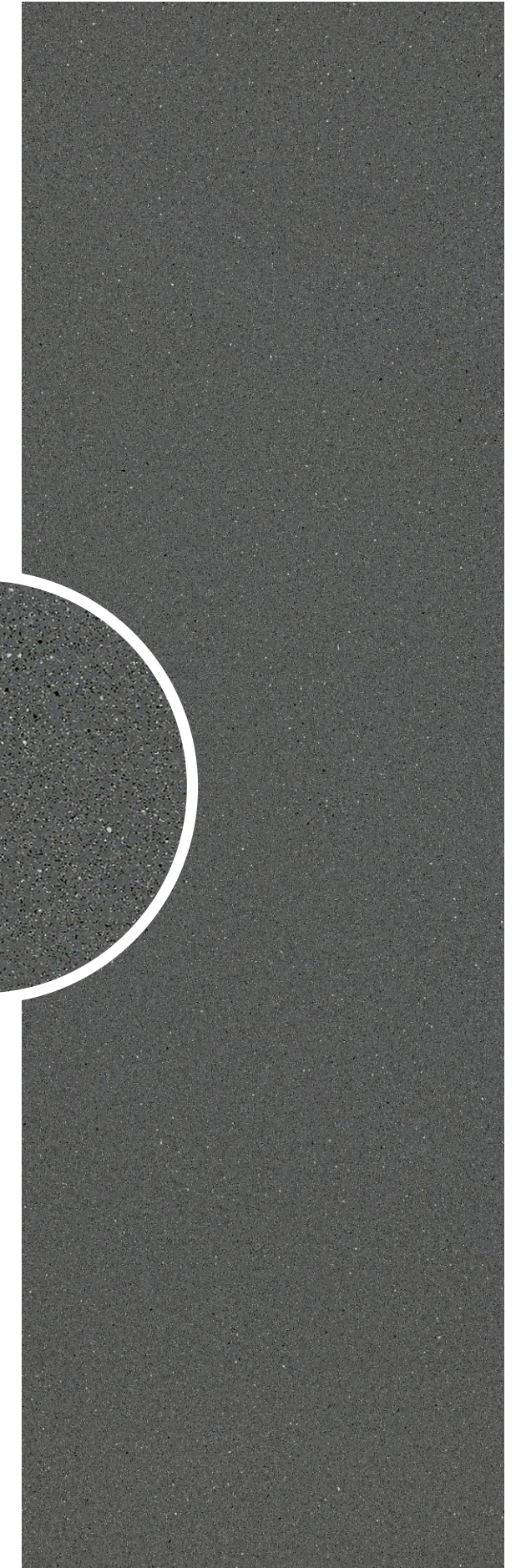
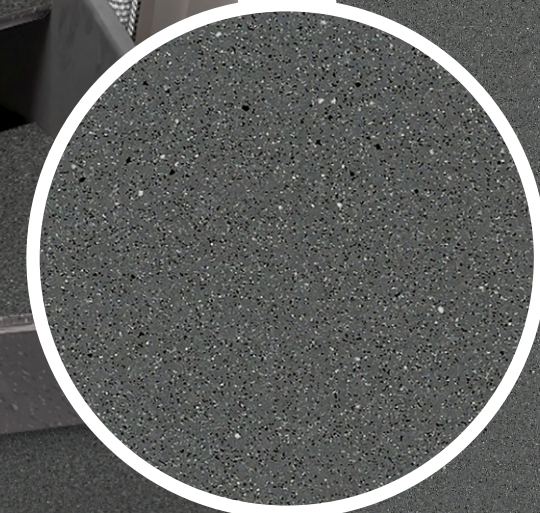
Polished (Basic) | 800x
2400mm

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INNOVATING TRENDS

SAGO CHARCOAL

FULL BODY



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15mm
THICKNESS

Polished (Basic) | 800x2400mm

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italica
INNOVATING TRENDS

SAGO CREMA

FULL BODY



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15mm
THICKNESS

GRANY

Series

Create a luxurious ambiance with our 800x2400mm full-body tiles, 15mm thick. These tiles boast seamless designs that reduce grout lines for easy maintenance. Ideal for high-traffic areas, they offer timeless beauty and are perfect for floors, walls, and artistic installations. Elevate your space with our full-body tiles."

FULLBODY

15mm ↓
THICKNESS ↑

FULLBODY

AVAILABLE IN :

POLISHED | MATT

Matt (Special) | 800x
2400mm

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italica
INNOVATING TRENDS

GRANY BLACK

FULL BODY



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15mm ↓
THICKNESS ↑

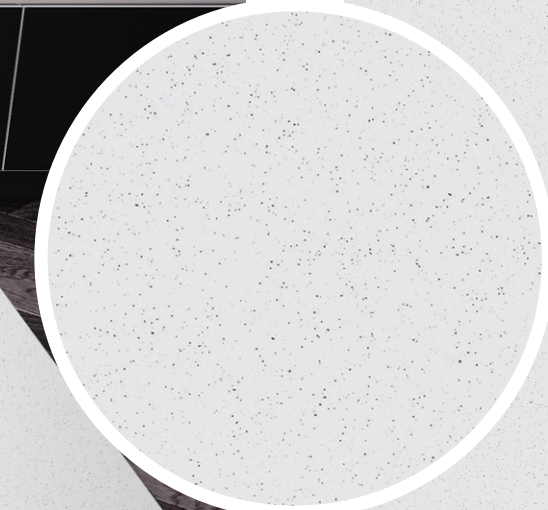
Matt (Special) | 800x
2400mm

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italica
INNOVATING TRENDS

GRANY WHITE

FULL BODY



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Click here for 360 View 

15mm ↓
THICKNESS ↑

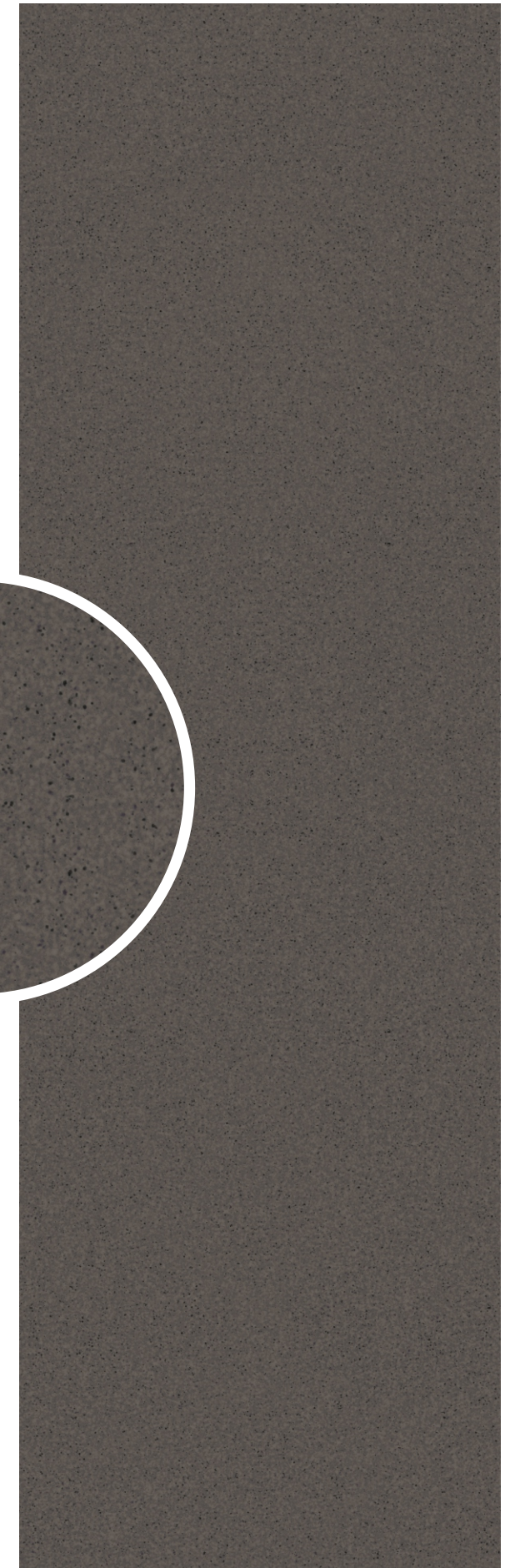
Matt (Special) | 800x
2400mm

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italica
INNOVATING TRENDS

GRANY WALNUT

FULL BODY



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15mm
THICKNESS

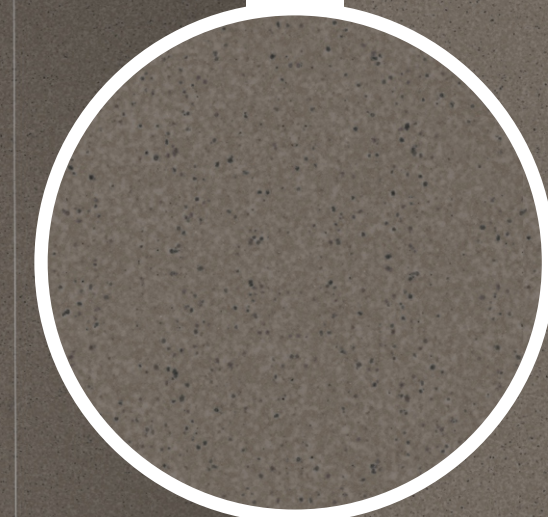
Matt (Basic) | 800x
2400mm

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italica
INNOVATING TRENDS

GRANY CARAMEL

FULL BODY



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15mm ↓
THICKNESS ↑

Matt (Basic) | 800x
2400mm

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italica
INNOVATING TRENDS

GRANY CREMA

FULL BODY



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15mm
THICKNESS

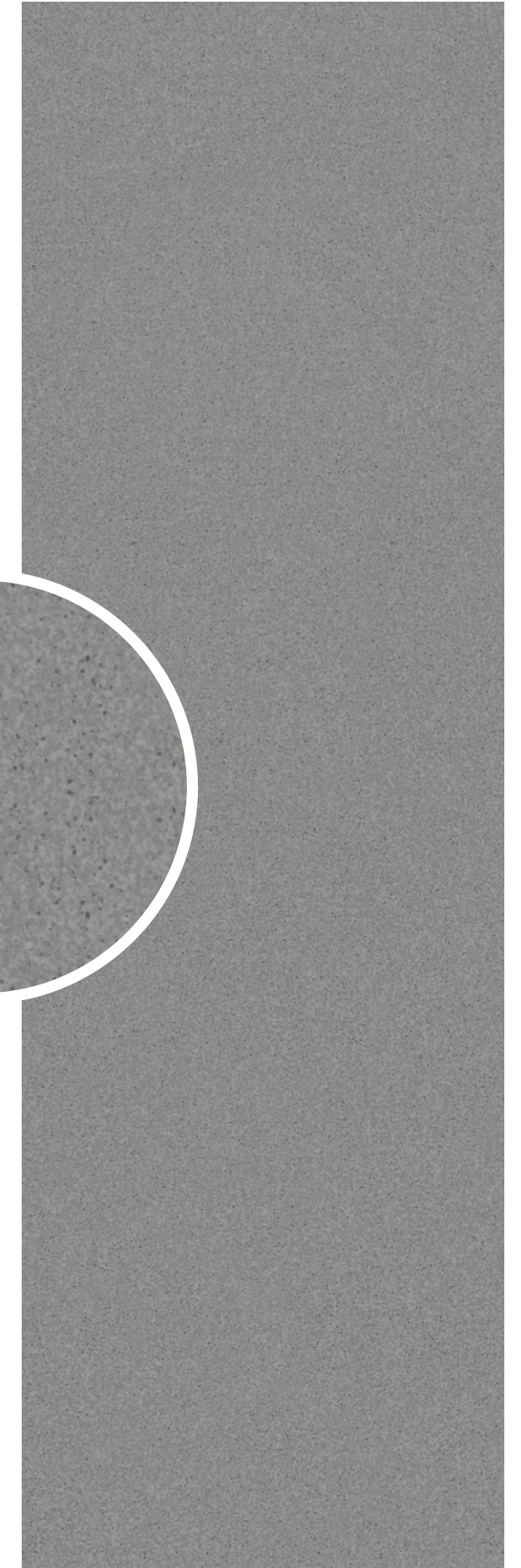
Matt (Basic) | 800x
2400mm

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italica
INNOVATING TRENDS

GRANY GREY

FULL BODY



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Click here for 360 View



15mm ↓
THICKNESS ↑

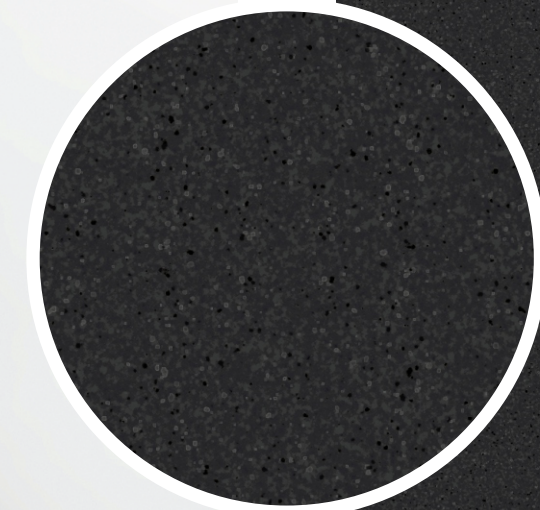
Polished (Special) | 800x
2400mm

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italica
INNOVATING TRENDS

GRANY BLACK

FULL BODY



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15mm ↓
THICKNESS ↑

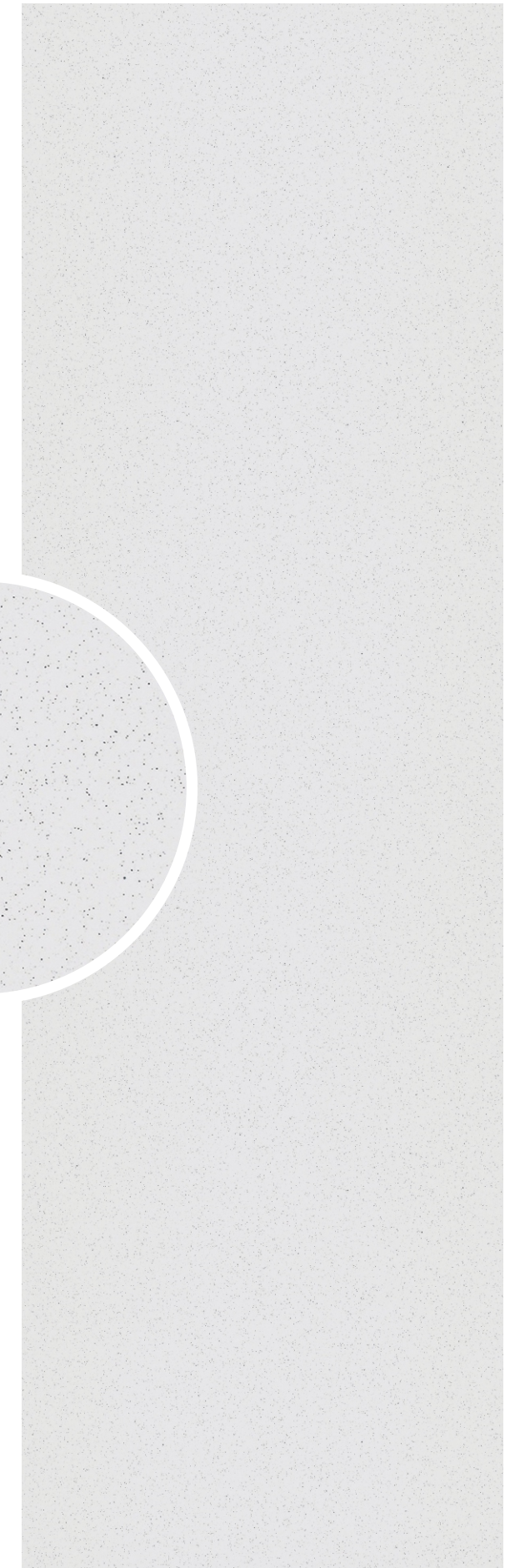
Polished (Special) | 800x
2400mm

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italica
INNOVATING TRENDS

GRANY WHITE

FULL BODY



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Click here for 360 View 

15mm ↓
THICKNESS ↑

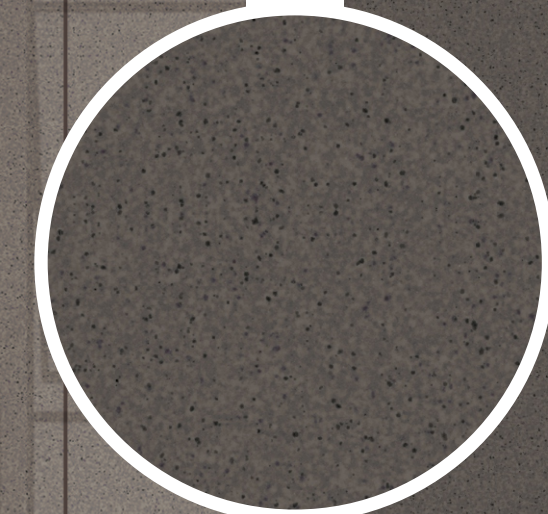
Polished (Special) | 800x
2400mm

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italica
INNOVATING TRENDS

GRANY WALNUT

FULL BODY



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15mm ↓
THICKNESS ↑

Polished (Basic) | 800x
2400mm

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italica
INNOVATING TRENDS

GRANY CARAMEL

FULL BODY



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15mm ↓
THICKNESS ↑

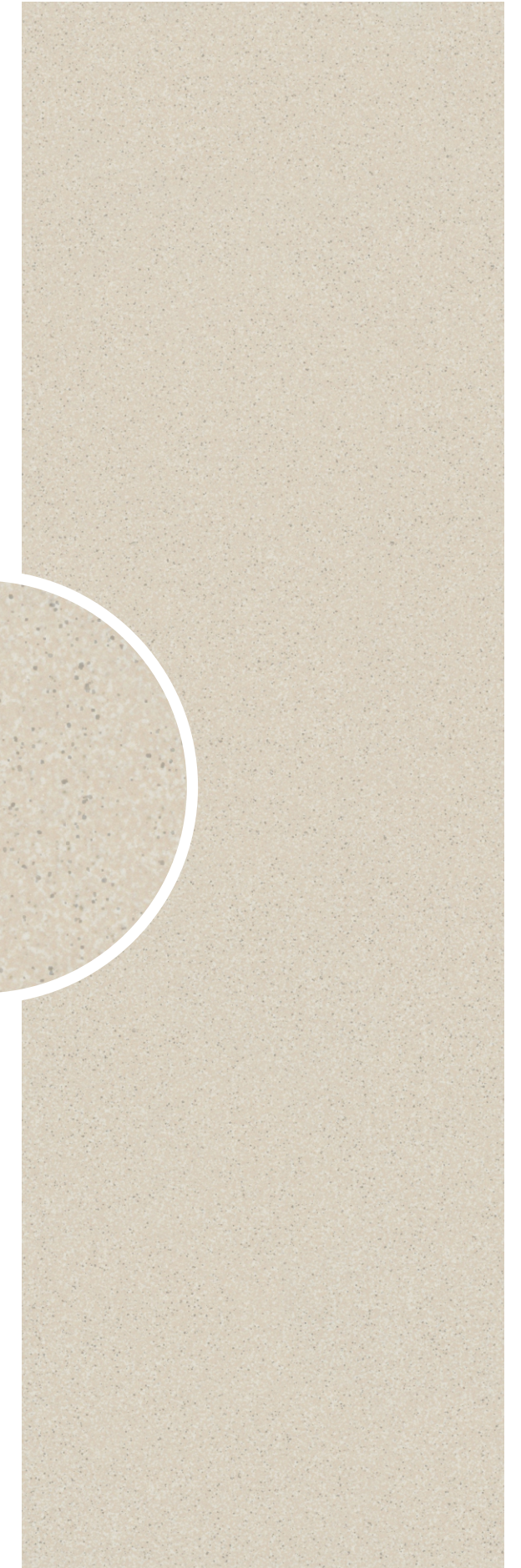
Polished (Basic) | 800x
2400mm

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italica
INNOVATING TRENDS

GRANY CREMA

FULL BODY



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15mm ↓
THICKNESS ↑

Polished (Basic) | 800x
2400mm

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italica
INNOVATING TRENDS

GRANY GREY

FULL BODY



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15mm ↓
THICKNESS ↑

FULLBODY

Elevate your surroundings with our 800x2400mm full-body tiles, 15mm thick. Experience seamless designs that reduce grout lines for easy maintenance. Ideal for high-traffic areas, these tiles offer enduring beauty and are perfect for floors, walls, and artistic installations. Redefine luxury with our full-body tiles.

15mm ↓
THICKNESS ↑

FULLBODY

AVAILABLE IN :

POLISHED | MATT

Polished | 800x
2400mm

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italica
INNOVATING TRENDS

ROYAL QUARTZ

FULL BODY



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15mm ↓
THICKNESS ↑

Matt (Basic) | 800x
2400mm

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italica
INNOVATING TRENDS

GRAPHITE GREY

FULL BODY



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15mm ↓
THICKNESS ↑

Matt (Basic) | 800x
2400mm

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italica
INNOVATING TRENDS

STEEL GREY

FULL BODY



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15mm
THICKNESS

Polished (Basic) | 800x2400mm

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italica
INNOVATING TRENDS

GRAPHITE GREY

FULL BODY



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15mm
THICKNESS

Polished (Basic) | 800x
2400mm

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italica
INNOVATING TRENDS

STEEL GREY

FULL BODY



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15mm ↓
THICKNESS ↑

Polished (Special) | 800x
2400mm

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italica
INNOVATING TRENDS

BLACK

FULL BODY



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15mm ↓
THICKNESS ↑

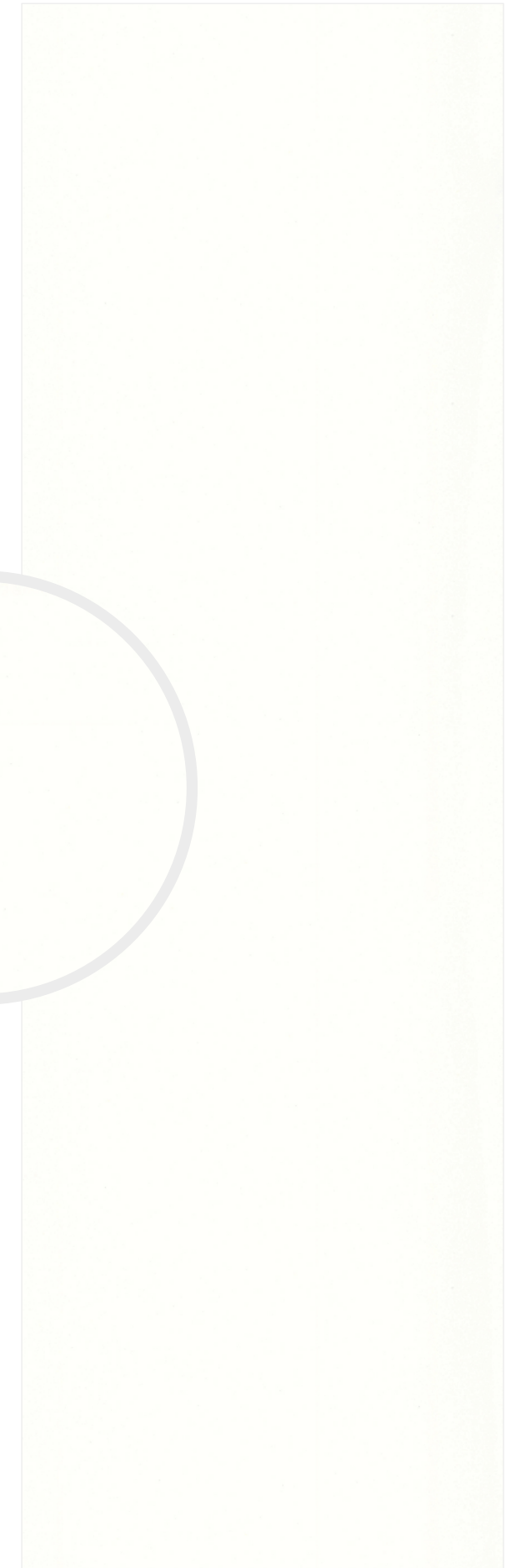
Polished (Basic) | 800x
2400mm

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italica
INNOVATING TRENDS

WHITE

FULL BODY



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15mm ↓
THICKNESS ↑

COLORBODY

Discover the perfect blend of style and durability with our 800x2400mm colorbody tiles, 15mm thick. These tiles offer seamless designs and reduced grout lines for easy maintenance. Ideal for high-traffic areas, they provide timeless beauty and are suitable for floors, walls, and artistic installations. Redefine your space with our colorbody tiles

15mm ↓
THICKNESS ↑

COLOR-FULLBODY

AVAILABLE IN :

POLISHED | MATT

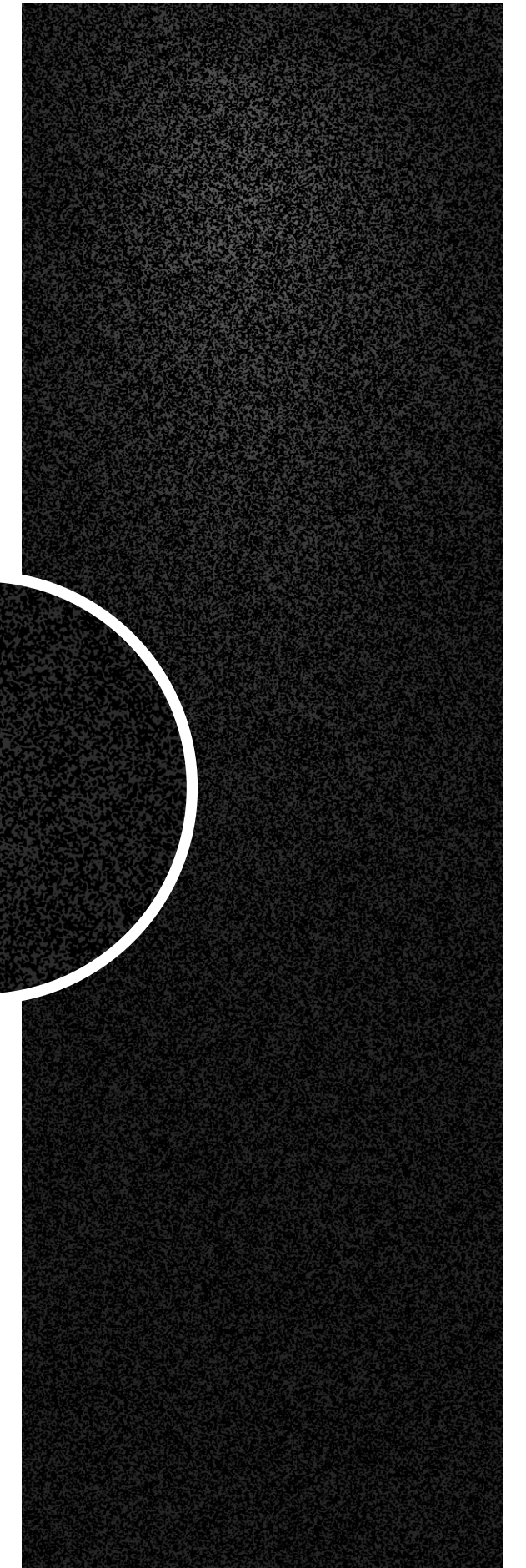
Matt (Special) | 800x
2400mm

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italica
INNOVATING TRENDS

GLITTY BLACK

COLORBODY



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15mm
THICKNESS

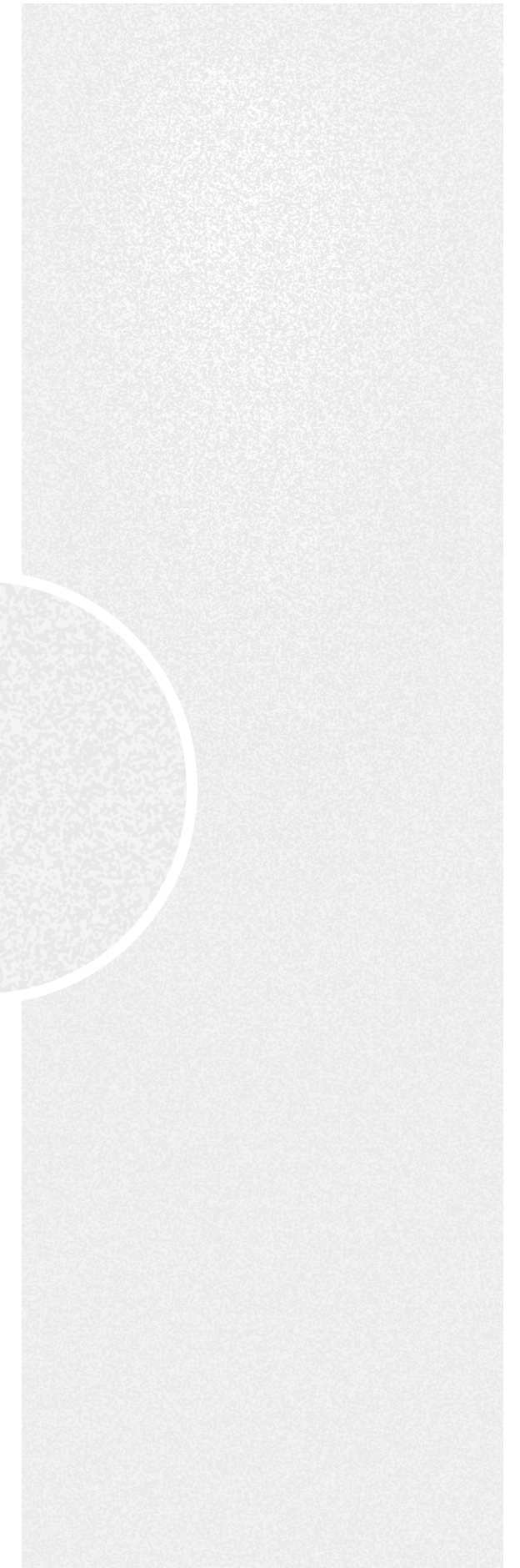
Matt (Basic) | 800x
2400mm

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italica
INNOVATING TRENDS

GLITTY WHITE

COLORBODY



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15mm ↓
THICKNESS ↑

Polished | 800x
2400mm

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italica
INNOVATING TRENDS

CRYSTAL WHITE

COLORBODY



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15mm ↓
THICKNESS ↑

Nutech | 800x
2400mm

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italica
INNOVATING TRENDS

CRYSTAL WHITE

COLORBODY



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15mm ↓
THICKNESS ↑

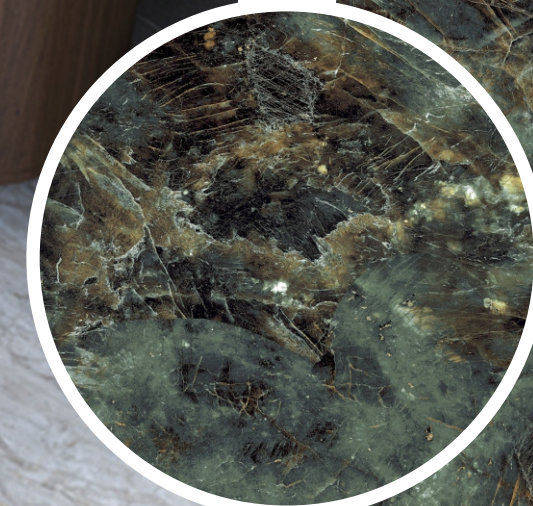
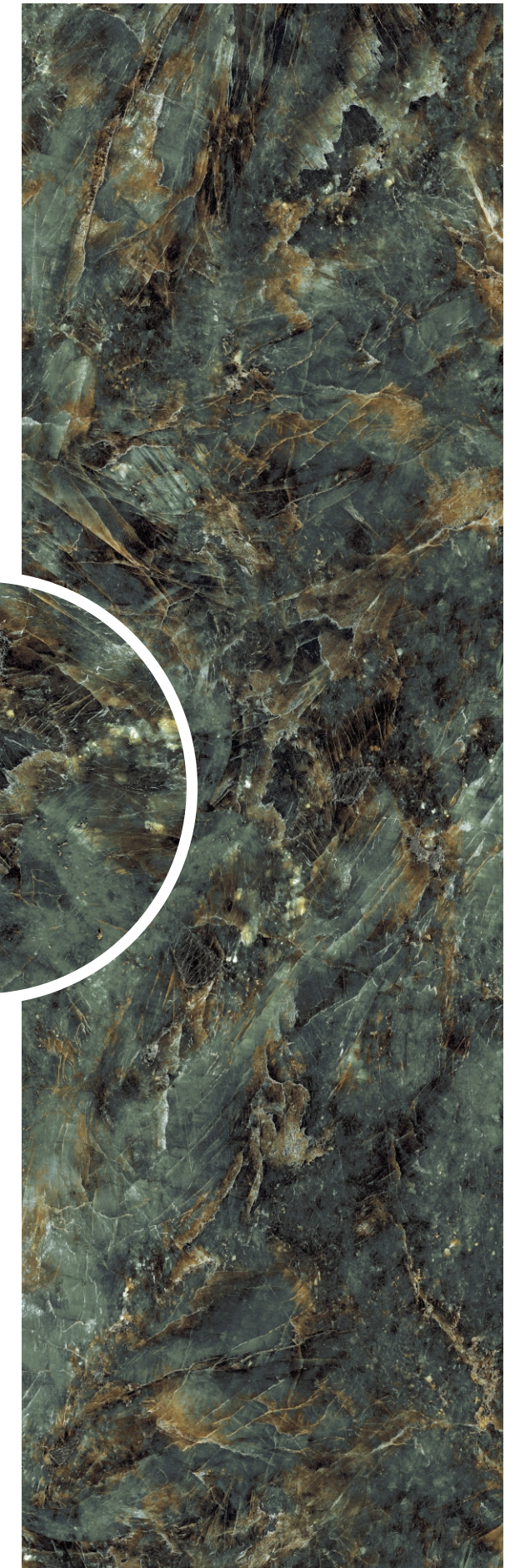
Polished (Special) | 800x
2400mm

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italica
INNOVATING TRENDS

LABRADORITE HUGE

COLORBODY



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15mm ↓
THICKNESS ↑

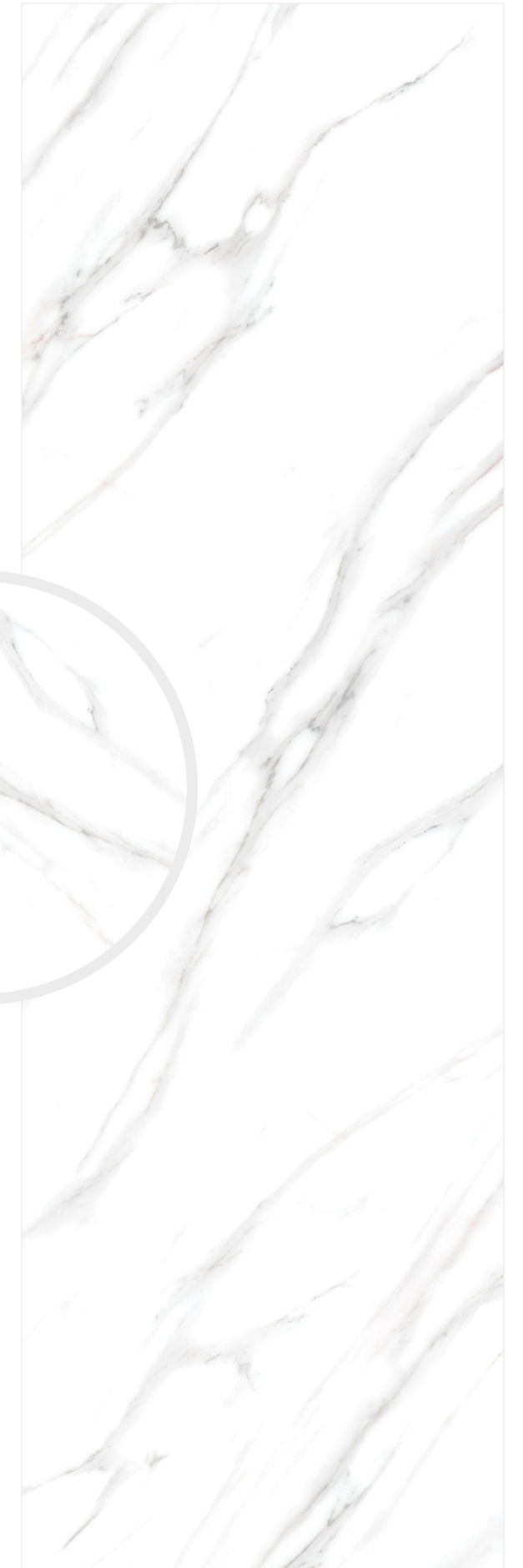
Polished (Basic) | 800x2400mm

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italica
INNOVATING TRENDS

SATUARIO YUKA

COLORBODY



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15mm
THICKNESS

Polished (Special) | 800x
2400mm

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italica
INNOVATING TRENDS

PORTORO GOLD

COLORBODY



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15mm ↓
THICKNESS ↑

Polished (Basic) | 800x
2400mm

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italica
INNOVATING TRENDS

SATUARIO CANOVA

COLORBODY



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15mm
THICKNESS

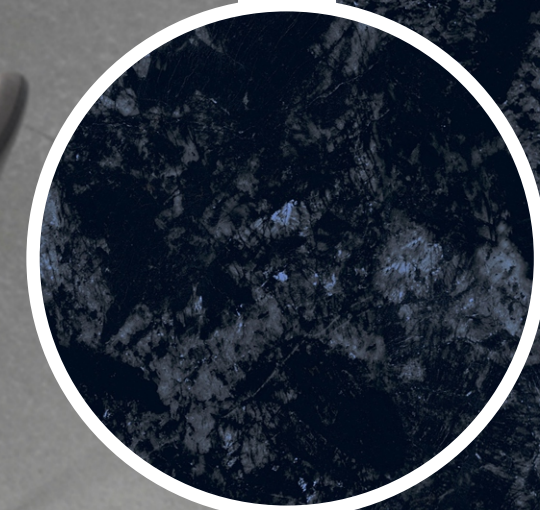
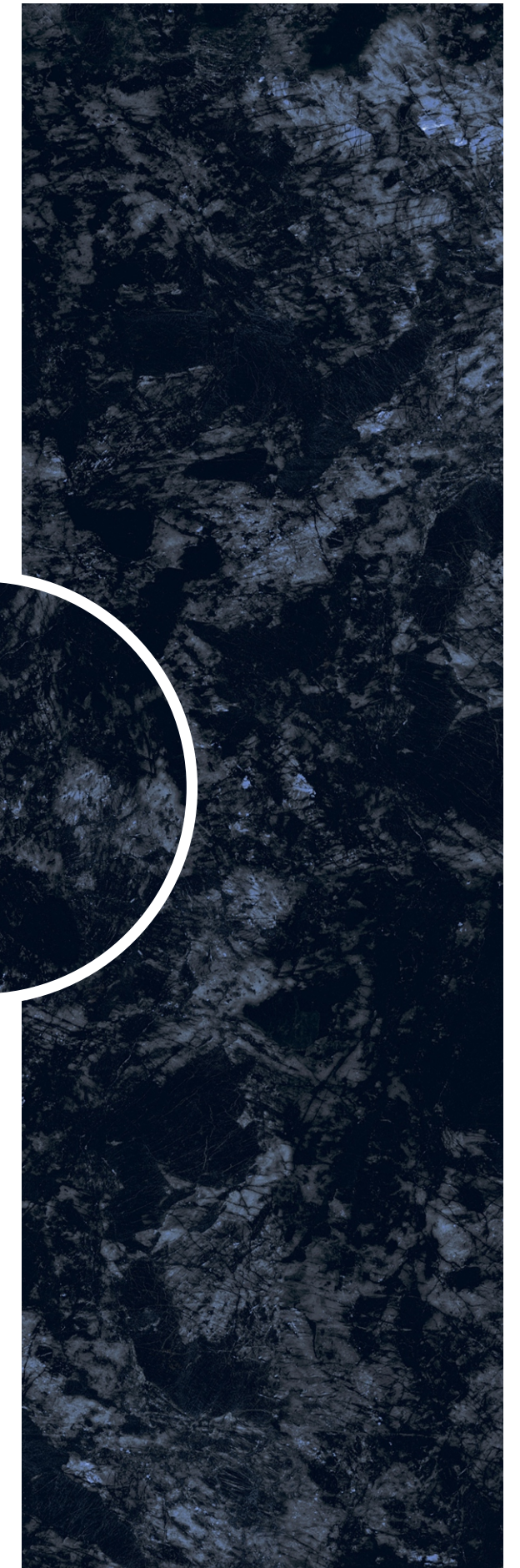
Polished (Special) | 800x
2400mm

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italica
INNOVATING TRENDS

VOLGA AZUL

COLORBODY



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15mm ↓
THICKNESS ↑

Technical Specification – SAGO SERIES

CHARACTERISTIC	STANDARD AS PER ISO13006:2018/ EN14411 Gr.Bla	STANDARD AS PER IS15622:2017 Gr.Bla	MEAN VALUE OF ITALICA	TEST METHOD
Regulatory Properties				
Deviation in Length and Width	± 0.30% (± 1.00mm)	± 0.10 %	± 0.10 %	ISO 10545-2 & IS 13630-1
Deviation in Thickness	± 5.00% (± 0.50mm)	± 5.00 %	± 4.00 %	ISO 10545-2 & IS 13630-1
Straightness in Side	± 0.30% (± 0.80mm)	± 0.10 %	± 0.10 %	ISO 10545-2 & IS 13630-1
Rectangularity	± 0.30% (± 1.50mm)	± 0.10 %	± 0.10 %	ISO 10545-2 & IS 13630-1
Surface Flatness Central Curvature	± 0.40% (± 1.80mm)	± 0.50 %	± 0.20 %	ISO 10545-2 & IS 13630-1
Surface Flatness Edge Curvature	± 0.40% (± 1.80mm)	± 0.50 %	± 0.20 %	ISO 10545-2 & IS 13630-1
Surface Flatness Warpage	± 0.40% (± 1.80mm)	± 0.50 %	± 0.10 %	ISO 10545-2 & IS 13630-1
Surface Quality	> 95% defacts free	> 95% defacts free	> 95% defacts free	ISO 10545-2 & IS 13630-1
Small Color Difference(for Plain Colour)	ΔE < 0.75	N.A.	ΔE < 0.30	ISO 10545-16
Glossiness(with nano polished)	as per mfg.	as per mfg.	>90**	Glossmeter 60°
Glossiness(without polished)	as per mfg.	as per mfg.	3" < GLOSS < 7"	Glossmeter 60°
Glossiness(Satin)	as per mfg.	as per mfg.	7" < GLOSS < 18"	Glossmeter 60°
Structural properties				
Water absorption	≤ 0.50%	≤ 0.080 %	≤ 0.060 %	ISO 10545-3 & IS 13630-2
Bulk density	as per mfg.	Min. 2.20 g/cc	> 2.28 gm/cc	DIN51082 & IS 13630-2
Massive Mechanical Properties				
Modulus of rupture	Min. 35.0 N/mm	Min. 35.0 N/mm	Min. 40.0 N/mm	ISO 10545-4 & IS 13630-6
Breaking Strength thickness < 7.5	Min. 700.0 N	Min. 700.0 N	Min. 1000.0 N	ISO 10545-4 & IS 13630-6
Breaking Strength thickness ≥ 7.5	Min. 1300.0 N	Min. 1300.0 N	Min. 1800.0 N	ISO 10545-4 & IS 13630-6
Breaking Strength thickness ≥ 7.5 (75mm)	Min. 1300.0 N	Min. 1300.0 N	Min. 5000.0 N	ISO 10545-4 & IS 13630-6
Surface Mechanical Properties				
MOH'S hardness #	as per mfg.	Min.5	Gloss -Min 4 / Matt-Min.6	BS EN 15771: 2010
Deep abrasion resistance	Max. 175mm	Max. 140mm ²	Max. 132mm ²	ISO 10545-6 & IS 13630-12
Thermal Hydrometric Properties				
Moisture expansion	Max. 0.06%(0.6mm/m)	Max. 0.02mm/m	Max. 0.02mm/m	ISO 10545 - 10 & IS 13630-3
Thermal expansion(COE) at 100°C	as per mfg.	Max. 6.0 X 10 ⁶	Max. 6.0 X 10 ⁶	ISO 10545 - 8 & IS 13630-4
Thermal shock resistance	Min. 10 Cycle	Min. 10 Cycle	Min. 10 Cycle	ISO 10545 - 9 & IS 13630-5
Impact resistance(COR)	Min. 0.55	Min. 0.55	Min. 0.55	ISO 10545 - 5 & IS 13630-14
Frost Resistance	as per mfg.	as per mfg.	Frost Proof	ISO 10545 - 12 & IS 13630-10
Chemical Properties				
Resistance to Staining glazed	Min. Class 3	Min. Class 2	Min. Class 4 / Min Class 2	ISO 10545 - 14 & IS 13630-8
Resistance to household chemicals & swimming pool salts glazed	Min. Class UB	as per mfg.	Min. Class UB/ Min. Class A	ISO 10545 - 13 & IS 13630-8
Resistance to low concentrate acid and alkalis glazed	as per mfg.	as per mfg.	Min. Class ULB*/ Min Class A***	ISO 10545 - 13 & IS 13630-8
Resistance to high concentrate acid and alkalis glazed	as per mfg.	as per mfg.	Min. Class UHB/ Min. Class A***	ISO 10545 - 13 & IS 13630-8
Safety Properties				
Skid resistance(DCOF-DRY) ##	as per mfg.	as per mfg.	Polished- <0.30/ Matt-> 0.40	ANSI/NFSIBI013-2012
Slip resistance (DCOF) (R VALUE) ##	as per mfg.	as per mfg.	R9 TO R13	DIN 51130
Fire resistance	as per mfg.	N.A.	Fire Proof	N.A.

* Glossiness 90% with nano technology

***Except Hydrofluoric Acid & it's compound

Unglazed tiles intended for use on floor

#As per customer requirement

Size	Thickness	No of Slab/Box	Weight/Box	Coverage Area
80x240 cm	1.5cm	1pcs.	67kg (Approx)	20.67 sq. ft (Approx)

Technical Specification – FULL BODY

CHARACTERISTIC		STANDARD AS PER ISO13006:2018/ ENI4411 Gr.BIa	MEAN VALUE OF ITALICA	TEST METHOD
Regulatory Properties				
Deviation in Length and Width		± 0.30% (± 1.00mm)	± 0.10 %	ISO 10545-2
Deviation in Thickness		± 5.00% (± 0.50mm)	± 5.00 %	ISO 10545-2
Straightness in Side		± 0.30% (± 0.80mm)	± 0.10 %	ISO 10545-2
Rectangularity		± 0.30% (± 1.50mm)	± 0.10 %	ISO 10545-2
Surface Flatness Central Curvature		± 0.40% (± 1.80mm)	± 0.50 %	ISO 10545-2
Surface Flatness Edge Curvature		± 0.40% (± 1.80mm)	± 0.50 %	ISO 10545-2
Surface Flatness Warpage		± 0.40% (± 1.80mm)	± 0.50 %	ISO 10545-2
Surface Quality		> 95% defacts free	> 95% defacts free	ISO 10545-2
Small Color Difference(for Plain Colour)		ΔE < 1.00	ΔE < 0.30	ISO 10545-16
Glossiness(Polished)		as per mfg.	Gloss Value > 90	Glossmeter 60°
Glossiness(Matt)		as per mfg.	3 < Gloss Value < 7	Glossmeter 60°
Glossiness(Posh/Satin)		as per mfg.	7 < Gloss Value < 18	Glossmeter 60°
Physical Properties				
Water absorption		≤ 0.50%	≤ 0.060 %	ISO 10545-3
Bulk density		as pr mfg.	Min. 2.28 g/cc	ISO 10545-3
Mechanical Properties				
Modulus of rupture		Min. 35.0 N/mm ²	Min. 42.0 N/mm ²	ISO 10545-4
Breaking Strength thickness < 7.5		Min. 700.0 N	Min. 1000.0 N	ISO 10545-4
Breaking Strength thickness ≥ 7.5		Min. 1300.0 N	Min. 1800.0 N	ISO 10545-4
Breaking Strength thickness ≥ 7.5 mm		Min. 1300.0 N	Min. 7500.0 N	ISO 10545-4
Surface Properties				
MOH'S hardness #		as per mfg.	Glossy Min. 4* / Posh Min.6	BS EN 15771
Surface abrasion resistance #		as per mfg.	Glossy Min. 2 / Posh Min.3	ISO 10545-7
Deep abrasion resistance #		Max. 175 mm ³	Max. 132 mm ³	ISO 10545-6
Thermal Properties				
Moisture expansion		Max. 0.06%(0.6mm/m)	Max. 0.02mm/m	ISO 10545 - 10
Thermal expansion(COE) at 100°C		as per mfg.	Max. 6.0 X 10 ⁻⁶	ISO 10545 - 8
Thermal shock resistance		Min. 10 Cycle	Min. '0 Cycle	ISO 10545 - 9
Impact resistance(COR) #		Min. 0.55	Min. 0.55	ISO 10545 - 5
Frost Resistance		as per mfg.	Frost Proof	ISO 10545 - 12
Chemical Resistance				
Resistance to Staining glazed		Min. Class 3	Min. Class 4	ISO 10545 - 14
Resistance to household chemicals & swimming pool salts glazed		Min. Class GB	Min. Class GA	ISO 10545 - 13
Resistance to low concentrate acid and alkalis glazed		as per mfg.	Min. Class GLB**	ISO 10545 - 13
Resistance to high concentrate acid and alkalis glazed		as per mfg.	Min. Class GHB**	ISO 10545 - 13
Other Properties				
Skid resistance(DCOF-DRY) ##		as per mfg.	Glossy PO(< ¹²) / Posh ≥P ¹²⁻² 4)	BS 7976-2
Slip resistance(DCOF) (R VALUE) ##		as per mfg.	R9 TO R13	DIN 51130
Fire resistance		as per mfg.	Fire Proof	N.A.

* Glossiness 90% with nano technology
 ***Except Hydrofluoric Acid & it's compound
 # Unglazed tiles intended for use on floor
 #As per customer requirement

Size	Thickness	No of Slab/Box	Weight/Box	Coverage Area
80x240 cm	1.5cm	1pcs.	67kg (Approx)	20.67 sq. ft (Approx)

Technical Specification – COLOR BODY

CHARACTERISTIC	STANDARD AS PER ISO13006:2018/ EN14411 Gr.Bla	STANDARD AS PER ISI5622:2017 Gr.Bla	MEAN VALUE OF ITALICA	TEST METHOD
Regulatory Properties				
Deviation in Length and Width	± 0.30% (± 1.00mm)	± 0.10 %	± 0.10 %	ISO 10545-2 & IS 13630-1
Deviation in Thickness	± 5.00% (± 0.50mm)	± 5.00 %	± 4.00 %	ISO 10545-2 & IS 13630-1
Straightness in Side	± 0.30% (± 0.80mm)	± 0.10 %	± 0.10 %	ISO 10545-2 & IS 13630-1
Rectangularity	± 0.30% (± 1.50mm)	± 0.10 %	± 0.10 %	ISO 10545-2 & IS 13630-1
Surface Flatness Central Curvature	± 0.40% (± 1.80mm)	± 0.50 %	± 0.20 %	ISO 10545-2 & IS 13630-1
Surface Flatness Edge Curvature	± 0.40% (± 1.80mm)	± 0.50 %	± 0.20 %	ISO 10545-2 & IS 13630-1
Surface Flatness Warpage	± 0.40% (± 1.80mm)	± 0.50 %	± 0.10 %	ISO 10545-2 & IS 13630-1
Surface Quality	> 95% defacts free	> 95% defacts free	> 95% defacts free	ISO 10545-2 & IS 13630-1
Small Color Difference(for Plain Colour)	ΔE < 0.75	N.A.	ΔE < 0.30	ISO 10545-16
Glossiness(Polished)	as per mfg.	as per mfg.	>90**	Glossmeter 60°
Glossiness(Satin)	as per mfg.	as per mfg.	76955	Glossmeter 60°
Structural properties				
Water absorption	≤ 0.50%	≤ 0.080 %	≤ 0.080 %	ISO 10545-3 & IS 13630-2
Bulk density	as per mfg.	Min. 2.20 g/cc	> 2.28 gm/cc	DIN51082 & IS 13630-2
Massive Mechanical Properties				
Modulus of rupture	Min. 35.0 N/mm ²	Min. 35.0 N/mm ²	Min. 40.0 N/mm ²	ISO 10545-4 & IS 13630-6
Breaking Strength thickness ≥ 7.5 mm	Min. 1300.0 N	Min. 1300.0 N	Min. 6000.0 N	ISO 10545-4 & IS 13630-6
Surface Mechanical Properties				
MOH'S hardness #	as per mfg.	Min.5	Polished-Min 4**/ Matt-Min.6	BS EN 15771/ IS 13630-13
Surface abrasion resistance #	as per mfg.	Min Class II	Polished-Min 1**/ Matt-Min. II	ISO 10545-7 & IS 13630-11
Thermal Hydrometric Properties				
Moisture expansion	Max. 0.06%(0.6mm/m)	Max. 0.02mm/m	Max. 0.02mm/m	ISO 10545 - 10 & IS 13630-3
Thermal expansion(COE) at 100°C	as per mfg.	Max. 6.0 X 10 ⁶	Max. 6.0 X 10 ⁶	ISO 10545 - 8 & IS 13630-4
Thermal shock resistance	Min. 10 Cycle	Min. 10 Cycle	Min. 10 Cycle	ISO 10545 - 9 & IS 13630-5
Impact resistance(COR) #	Min. 0.55	Min. 0.55	Min. 0.55	ISO 10545 - 5 & IS 13630-14
Frost Resistance	as per mfg.	as per mfg.	Frost Proof	ISO 10545 - 12 & IS 13630-10
Crazing Resistance at 7.5bar	4 Cycle	4 Cycle	4 Cycle	ISO 10545 - 11 & IS 13630-9
Chemical Properties				
Resistance to Staining glazed	Min. Class 3	Min. Class I	Min. Class / Min Class I	ISO 10545 - 14 & IS 13630-8
Resistance to household chemicals & swimming pool salts glazed	Min. Class UB	Min. Class AA	Min. Class Gb/ Min. Class AA	ISO 10545 - 13 & IS 13630-8
Resistance to low concentrate acid and alkalis glazed	as per mfg.	as per mfg.	Min. Class GLB/ Min Class A***	ISO 10545 - 13 & IS 13630-8
Resistance to high concentrate acid and alkalis glazed	as per mfg.	as per mfg.	Min. Class GHB/ Min. Class A***	ISO 10545 - 13 & IS 13630-8
Safety Properties				
Skid resistance(DCOF-WET PENDULLUM) ##	as per mfg.	as per mfg.	Glossy PO,Matt P1	ANSI/NFSIBIO13-2012
Slip resistance Polished/Matt (DCOF) (R VALUE) ##	as per mfg.	as per mfg.	R9 TO R10	DIN 51130
Fire resistance	as per mfg.	N.A.	Does not yield Pb & Cd	N.A.

* Whichever is Lower

** With nanotechnology (Polished Vitriified Tiles) Depending on Application area (low or high intensity of traffic)

***Except Hydrofluoric Acid & it's compound

Tiles intended for use on floor

#For Poor tiles , as per customer requirement

Size	Thickness	No of Slab/Box	Weight/Box	Coverage Area
80x240 cm	1.5cm	1pcs.	67kg (Approx)	20.67 sq. ft (Approx)

Designed in
ITALY 



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