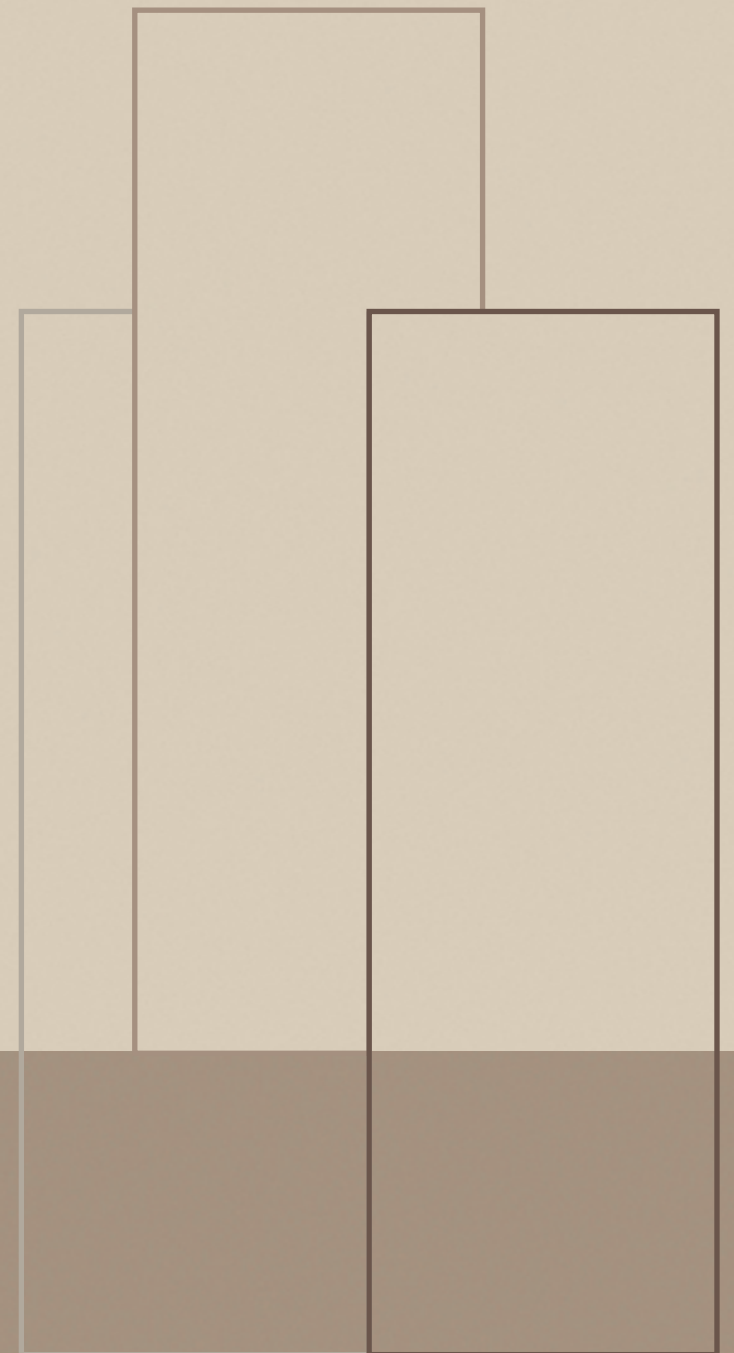


FULLBODY  
VITRIFIED TILES

COLORBODY  
VITRIFIED TILES

800x2400mm  
15mm Slabs



# Fresh Innovation Backed By Expertise

Portocer Tiles is a trusted name in the ceramic tile industry, renowned for offering premium GVT/PGVT tiles that blend durability, elegance, and innovation. Combining industry knowledge and the latest innovation, we specialise in providing an extensive range of stylish designs and finishes, tailored to elevate spaces worldwide.

Our dedication to advanced technology and craftsmanship ensures each product meets the highest standards of quality and functionality. At Portocer, we take pride in delivering exceptional products that inspire timeless beauty and stand the test of time.

+91 90817 11150

## 35+ Surfaces

// 07 SIZES  
// 10 CATEGORIES

PolīCER  
COLLECTION

VantaCER  
COLLECTION

MattCER  
COLLECTION

FlickCER  
COLLECTION

SilkenCER  
COLLECTION

Gr!tCER  
COLLECTION

OmniCER  
COLLECTION

MatryCER  
COLLECTION

SoftCER  
COLLECTION

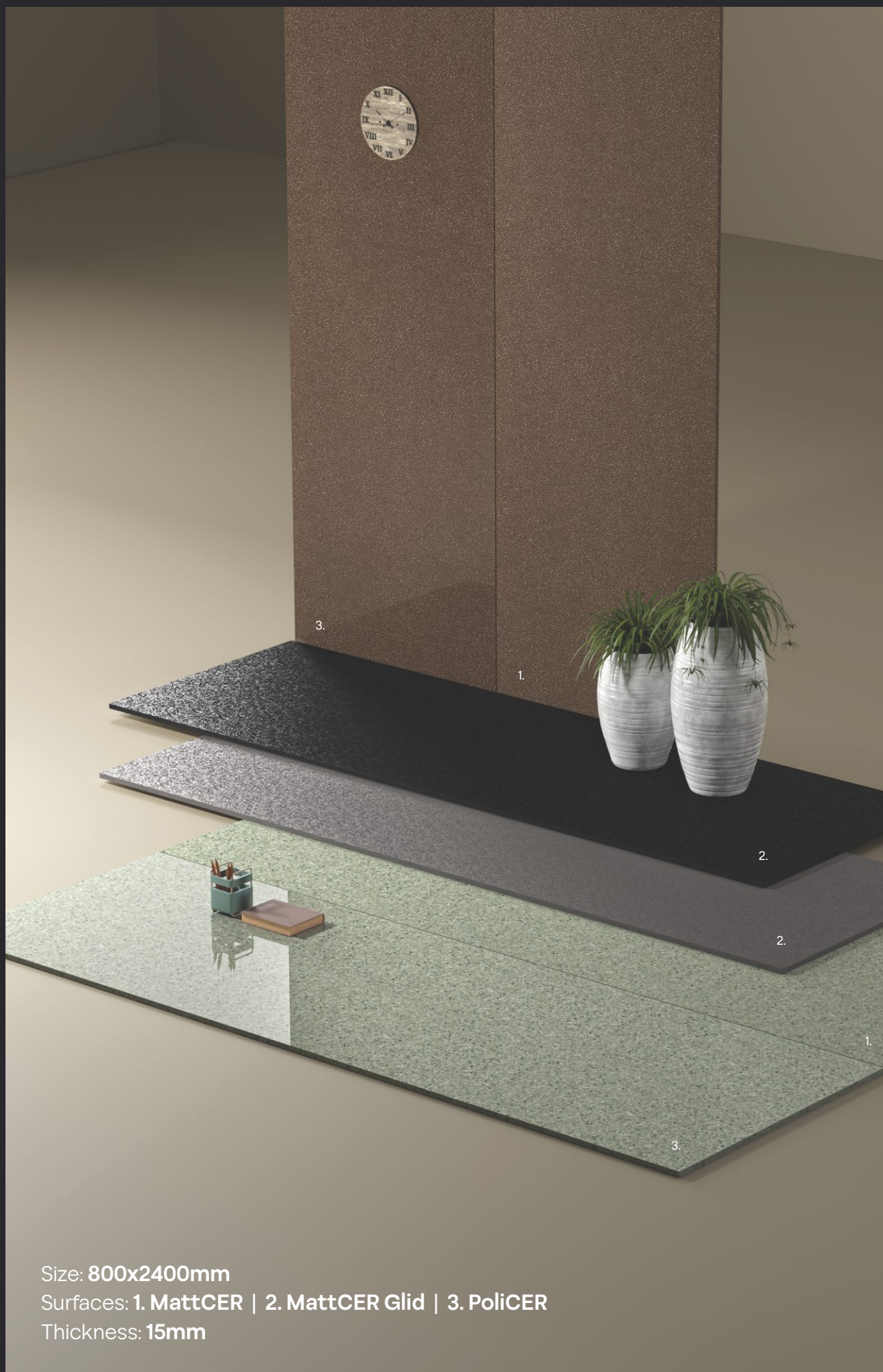
GalaCER  
COLLECTION

ShapeCER  
COLLECTION

GrípCER<sup>+</sup>  
COLLECTION

PORTOCER  
TILES





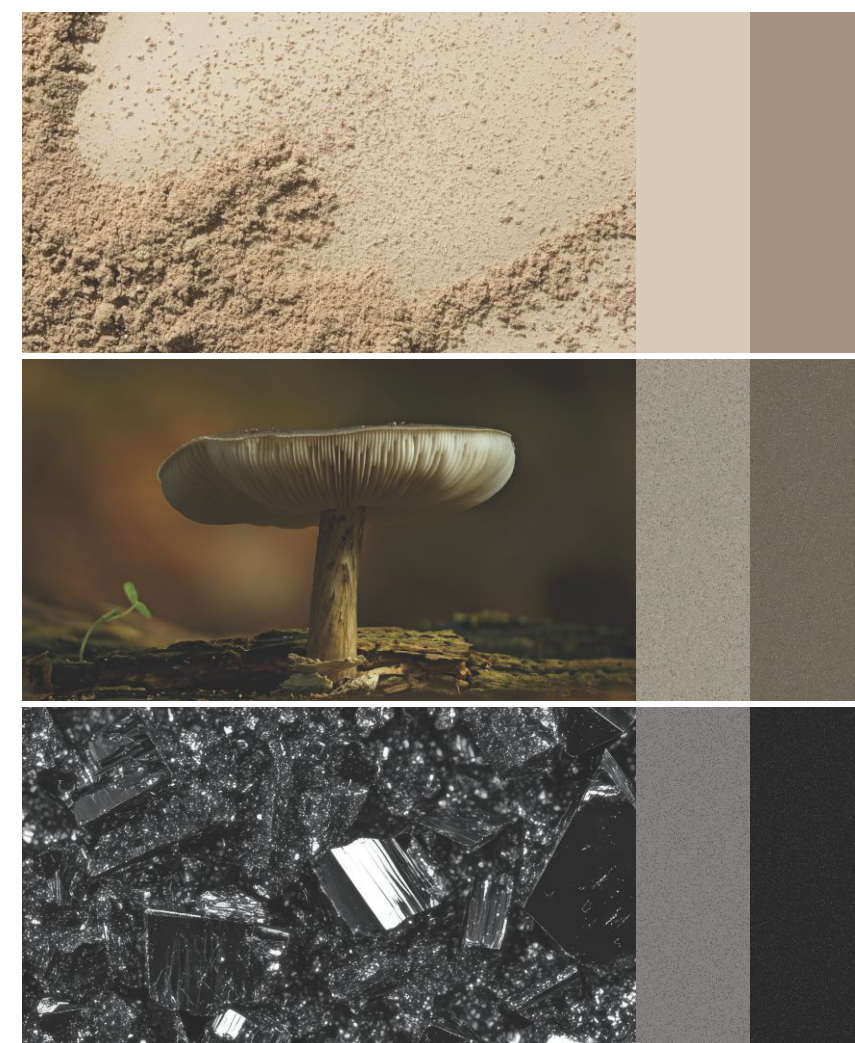
**FULLBODY**  
VITRIFIED TILES

**MattCER**  
COLLECTION

**PoliCER**  
COLLECTION

Drawing inspiration from the nuanced allure and raw appeal of nature, we present fullbody slabs that capture the textures, colors, and details of the vast and ever-changing world around us. And reimagining them to suit the aesthetic and practical needs of modern interiors.

Each slab in this collection is crafted to invite light and create an illusion of space, bringing a sense of expansiveness to your surroundings. Connect your spaces to the serenity and moving allure of nature for interiors that reflect the depth and bring endless elegance.



Size: **800x2400mm**

Surfaces: **1. MattCER | 2. MattCER Glid | 3. PoliCER**

Thickness: **15mm**



Stories that  
are etched  
in stone



The phrase "Italian Elegance" carries a history of art, sophistication, and refinement. It embodies the admiration for beauty and the ambition to create something better that not only awes but also inspires.

Taking this philosophy at heart, Portocer strives to deliver an extensive range of innovative surface solutions that celebrate the past, elevate the present, and set the tone for a better future. Every space carries stories, and we hope to celebrate each one.





MattCER  
15mm

					
Nile Royal Quartz	Nile Wheat	Nile Frost	True Brown	True Crema	True Dark Grey
					
True Dove	True Mushroom	Steller Black	Steller White	Steller Royal	Steller Brown
					
Steller Moss	Steller Mocha	Steller Sand	Steller Beige	Steller Grey	Steller Steel Grey

PoliCER  
15mm

					
Nile Royal Quartz	Nile Everest	Nile Wheat	Nile Pearl	Nile Rossa	Nile Frost
					
Martin Nero	Martin Dove	True Black	True White	True Brown	True Crema
					
True Mushroom	True Dark Grey	True Dove	Steller Black	Steller White	Steller Royal



PoliCER  
15mm



Steller  
Brown



Steller  
Moss



Steller  
Mocha



Steller  
Sand



Steller  
Beige



Steller  
Grey

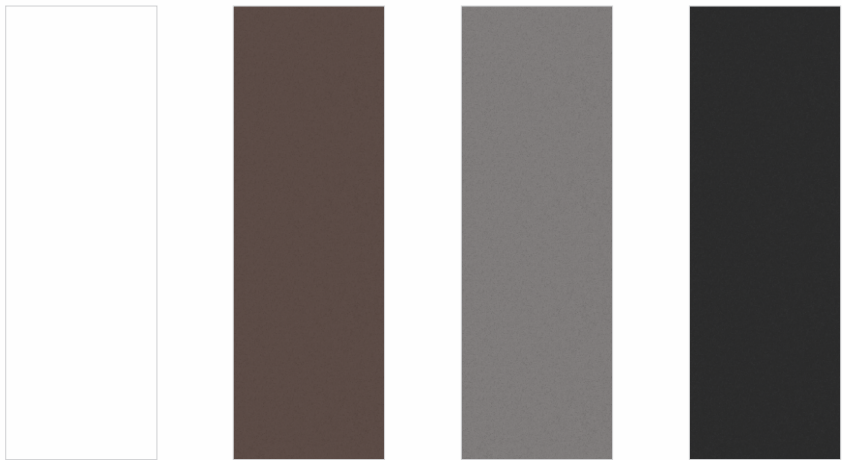


Steller  
Steel Grey





MattCER Glid  
15mm



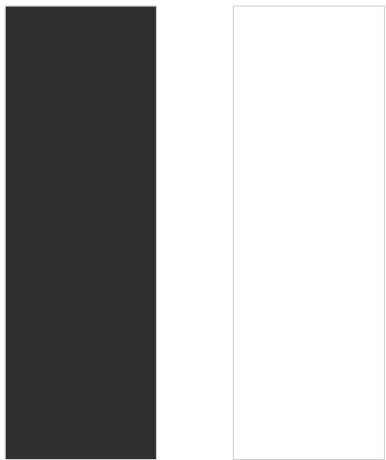
White Paradise

Brown Paradise

Grey Paradise

Black Paradise

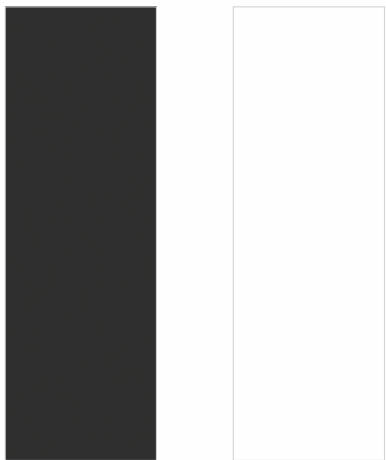
MattCER  
15mm



Enrich Black

Enrich White

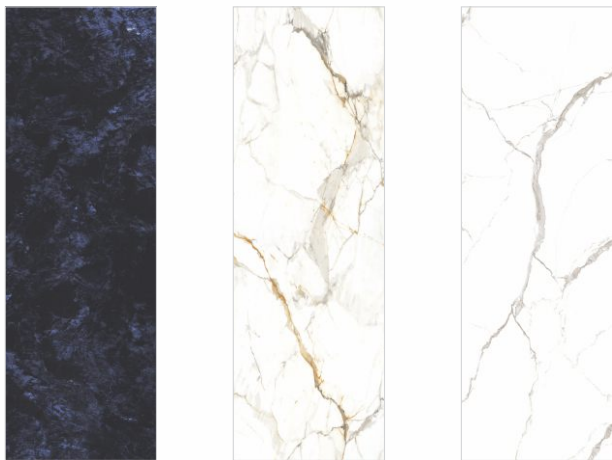
PoliCER  
15mm



Enrich Black

Enrich White

PoliCER  
15mm



Pacific Blue

Arctic White

Statuario Ice





**MattCER**

Size: **800x2400mm**

Surface: **MattCER**

Thickness: **15mm**

Step into spaces of modernity and sophistication where aesthetic allure meets structural integrity. These fullbody slabs offer unparalleled structural strength with their 15mm thickness and non-porous body that reduces water absorption. Available in a dynamic format, these slabs are a suitable choice for various applications.





## Nile Royal Quartz

Size: **800x2400mm**

Surface: **MattCER (Super Special)**

Thickness: **15mm**

Random: **1**

### Also Available in

**800x2400mmx15mm** - PoliCER

**800x3000mmx15mm** - PoliCER

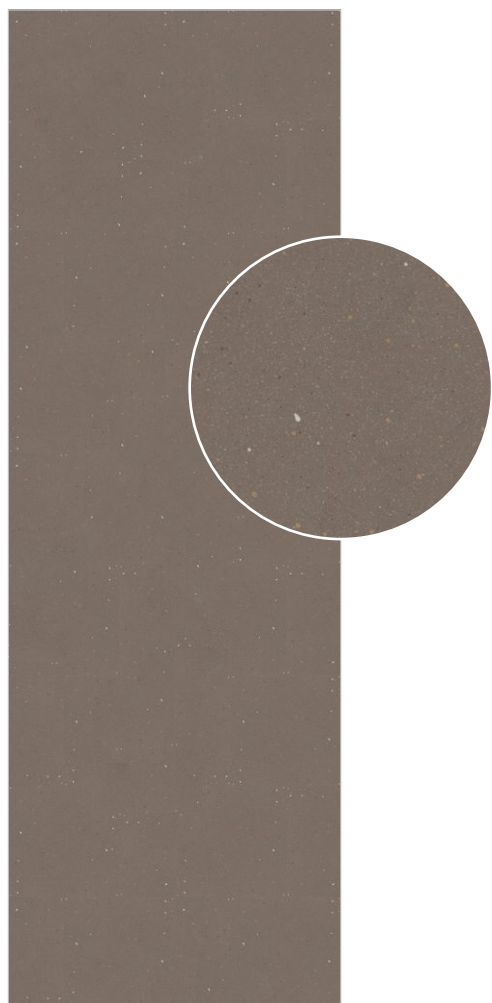


  
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## Nile Wheat

Size: **800x2400mm**

Surface: **MattCER (Special)**

Thickness: **15mm**

Random: **1**

**Also Available in**  
**800x2400mmx15mm - PoliCER**

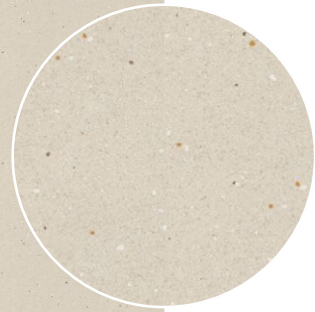


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## Nile Frost

Size: **800x2400mm**  
Surface: **MattCER (Basic)**  
Thickness: **15mm**  
Random: **1**

**Also Available in**  
**800x2400mmx15mm - PoliCER**

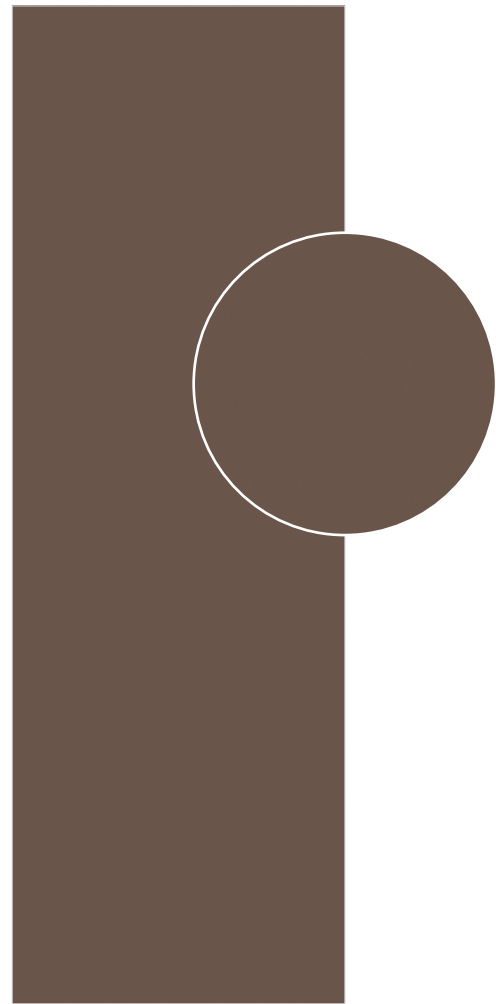


  
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True Brown

Size: **800x2400mm**

Surface: **MattCER (Special)**

Thickness: **15mm**

Random: **1**

**Also Available in**  
**800x2400mmx15mm - PoliCER**

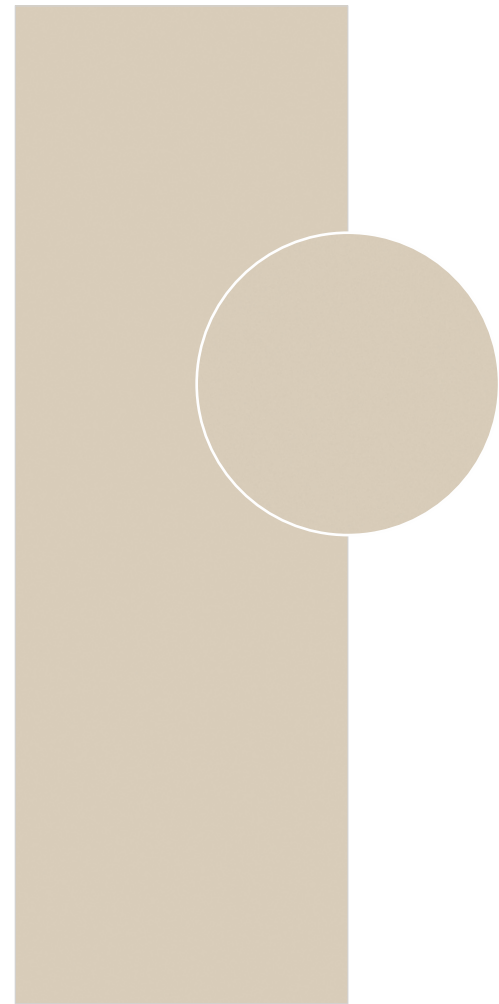


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## True Crema

Size: **800x2400mm**  
Surface: **MattCER (Basic)**  
Thickness: **15mm**  
Random: **1**

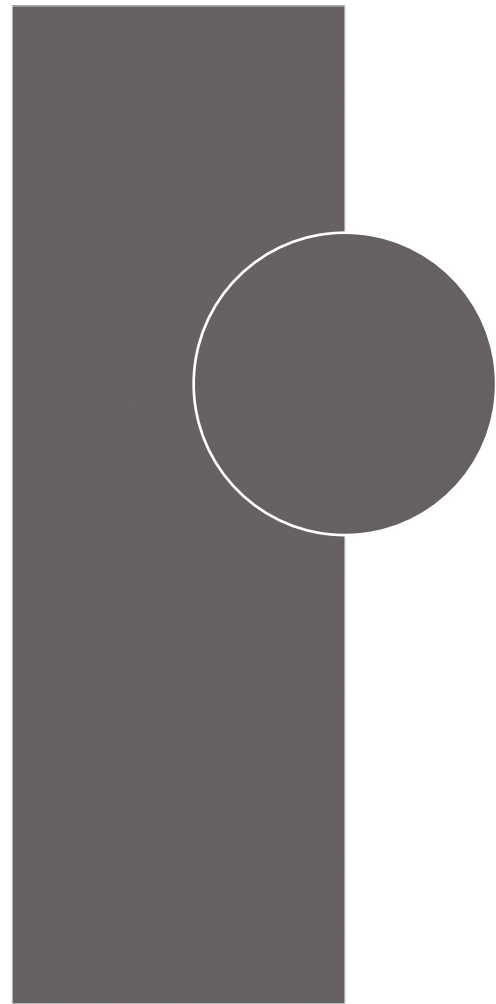
**Also Available in**  
**800x2400mmx15mm - PoliCER**



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True Dark Grey

Size: **800x2400mm**  
Surface: **MattCER (Basic)**  
Thickness: **15mm**  
Random: **1**

**Also Available in**  
**800x2400mmx15mm** - PoliCER  
**800x3000mmx15mm** - PoliCER

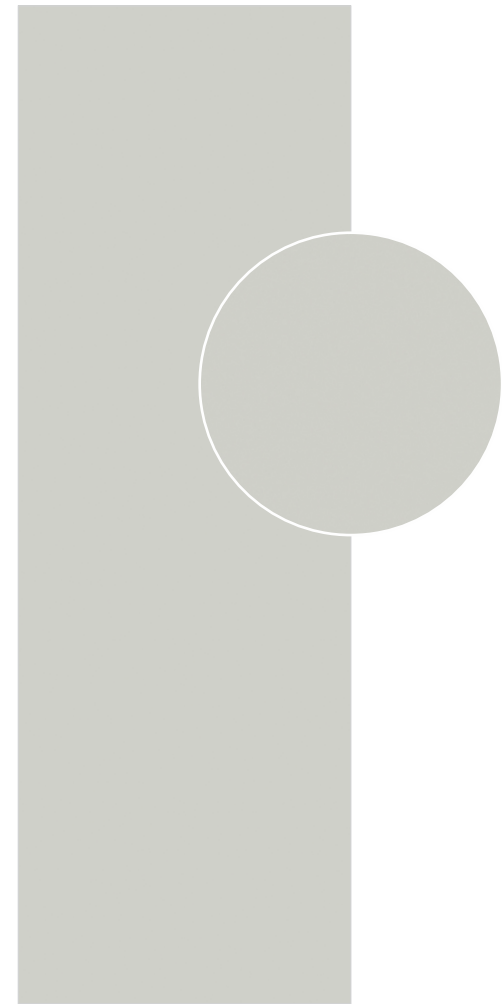


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## True Dove

Size: **800x2400mm**  
Surface: **MattCER (Basic)**  
Thickness: **15mm**  
Random: **1**

**Also Available in**  
**800x2400mmx15mm** - PoliCER  
**800x3000mmx15mm** - PoliCER

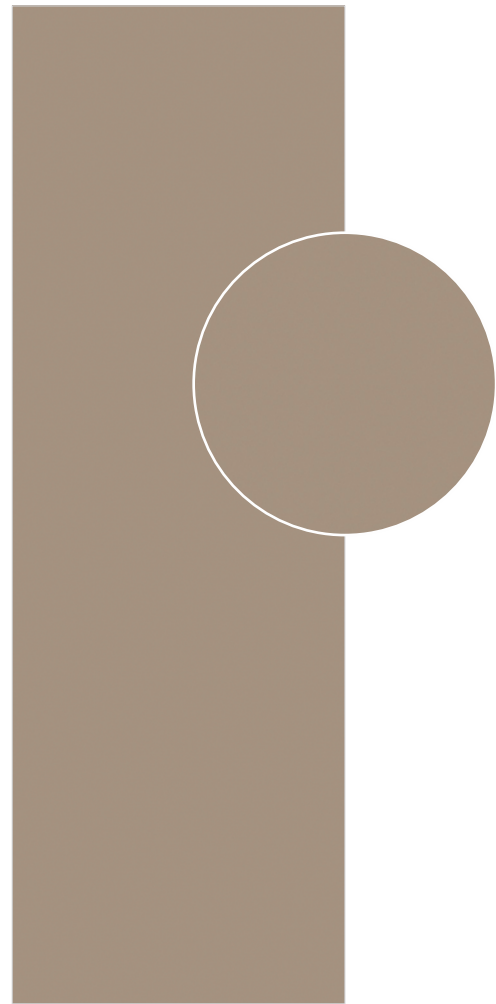


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## True Mushroom

Size: **800x2400mm**  
Surface: **MattCER (Basic)**  
Thickness: **15mm**  
Random: **1**

**Also Available in**  
**800x2400mmx15mm - PoliCER**

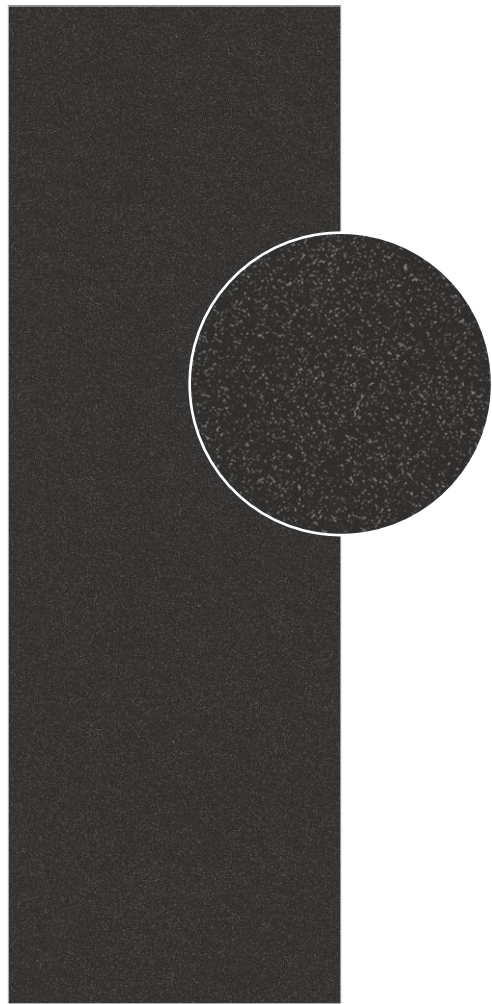


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## Steller Black

Size: **800x2400mm**

Surface: **MattCER (Special)**

Thickness: **15mm**

Random: **1**

**Also Available in**

**800x2400mmx15mm - PoliCER**

**800x3000mmx15mm - PoliCER**

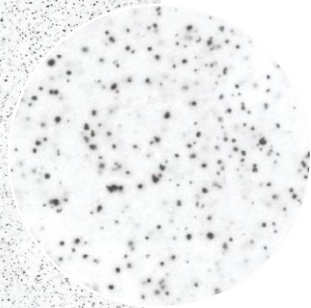


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## Steller White

Size: **800x2400mm**

Surface: **MattCER (Special)**

Thickness: **15mm**

Random: **1**

**Also Available in**  
**800x2400mmx15mm - PoliCER**



  
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## Steller Royal

Size: **800x2400mm**

Surface: **MattCER (Special)**

Thickness: **15mm**

Random: **1**

### Also Available in

**800x2400mmx15mm** - PoliCER

**800x3000mmx15mm** - PoliCER

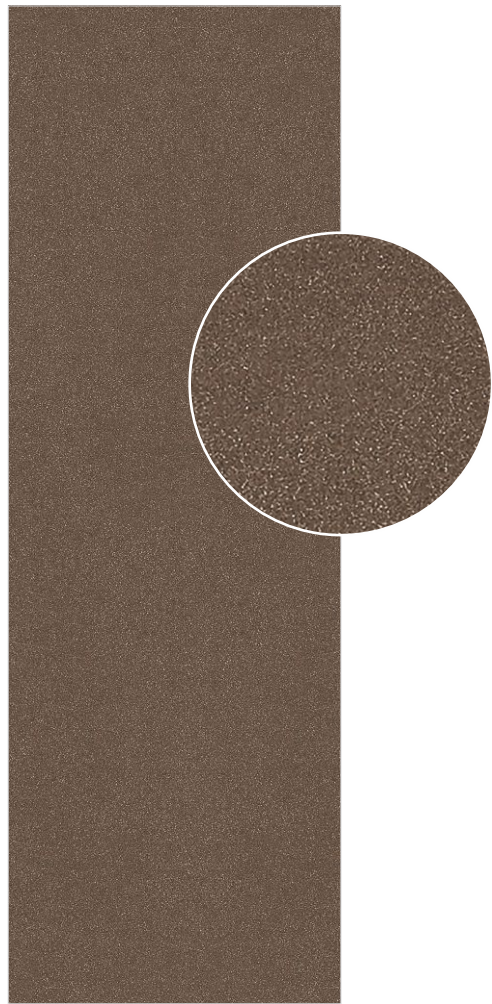


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Steller Brown

Size: **800x2400mm**  
Surface: **MattCER (Special)**  
Thickness: **15mm**  
Random: **1**

**Also Available in**  
**800x2400mmx15mm** - PoliCER  
**800x3000mmx15mm** - PoliCER



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## Steller Moss

Size: **800x2400mm**  
Surface: **MattCER (Basic)**  
Thickness: **15mm**  
Random: **1**

**Also Available in**  
**800x2400mmx15mm - PoliCER**

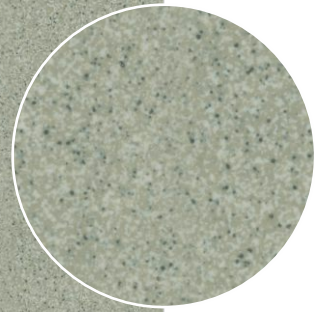
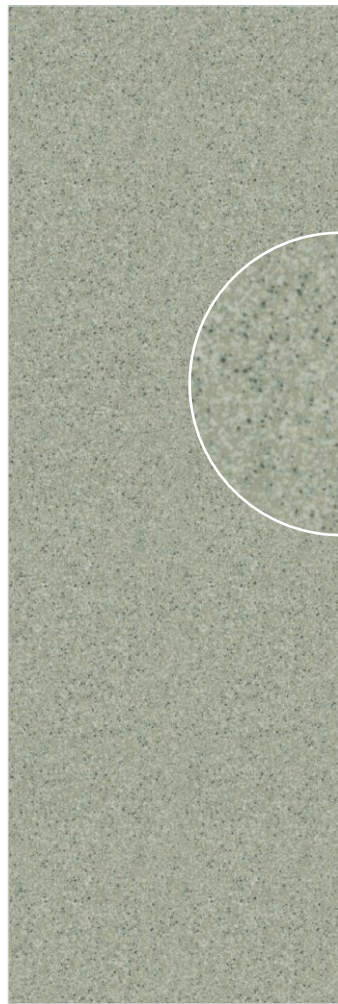


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## Steller Mocha

Size: **800x2400mm**  
Surface: **MattCER (Basic)**  
Thickness: **15mm**  
Random: **1**

**Also Available in**  
**800x2400mmx15mm - PoliCER**

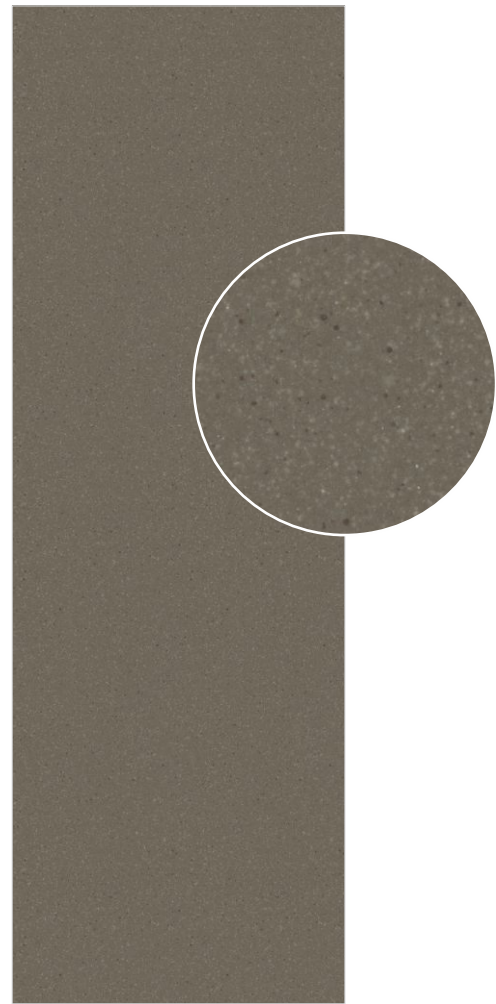


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## Steller Sand

Size: **800x2400mm**  
Surface: **MattCER (Basic)**  
Thickness: **15mm**  
Random: **1**

**Also Available in**  
**800x2400mmx15mm** - PoliCER  
**800x3000mmx15mm** - PoliCER



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## Steller Beige

Size: **800x2400mm**  
Surface: **MattCER (Basic)**  
Thickness: **15mm**  
Random: **1**

**Also Available in**  
**800x2400mmx15mm** - PoliCER  
**800x3000mmx15mm** - PoliCER

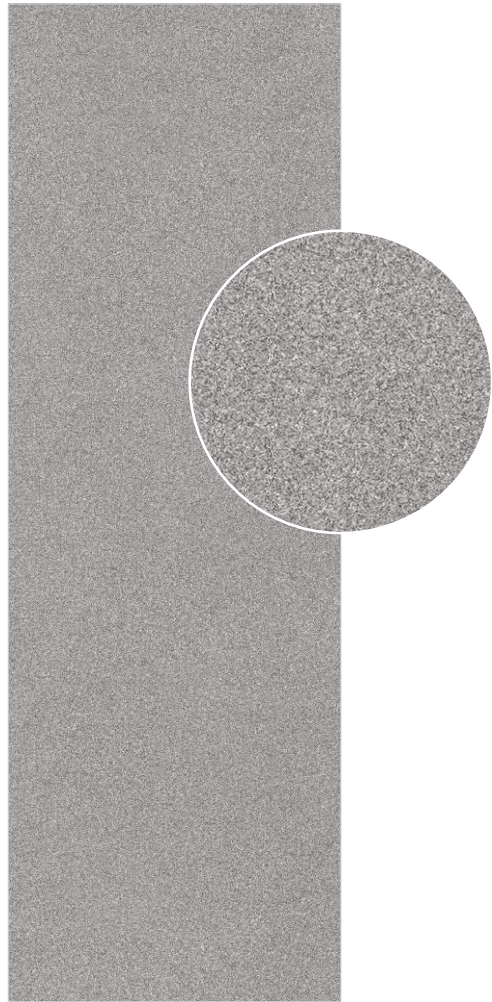


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## Steller Grey

Size: **800x2400mm**  
Surface: **MattCER (Basic)**  
Thickness: **15mm**  
Random: **1**

**Also Available in**  
**800x2400mmx15mm - PoliCER**

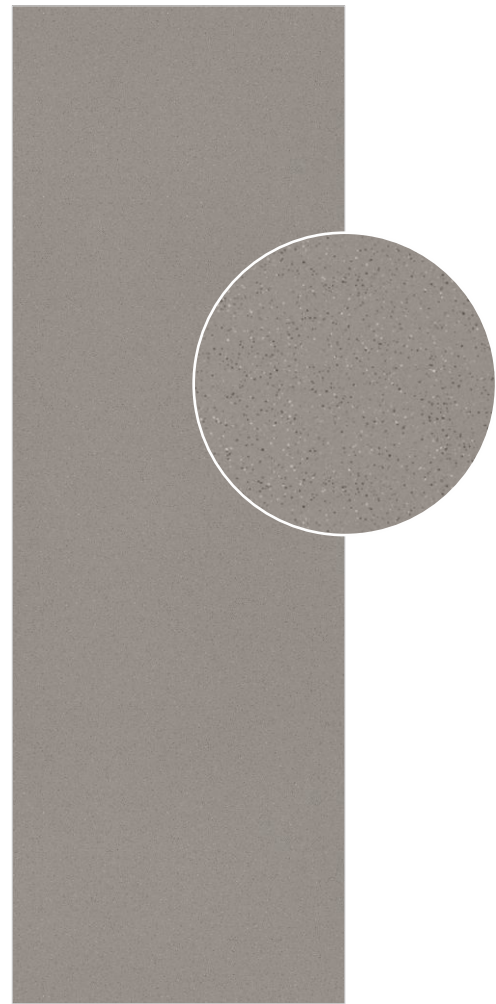


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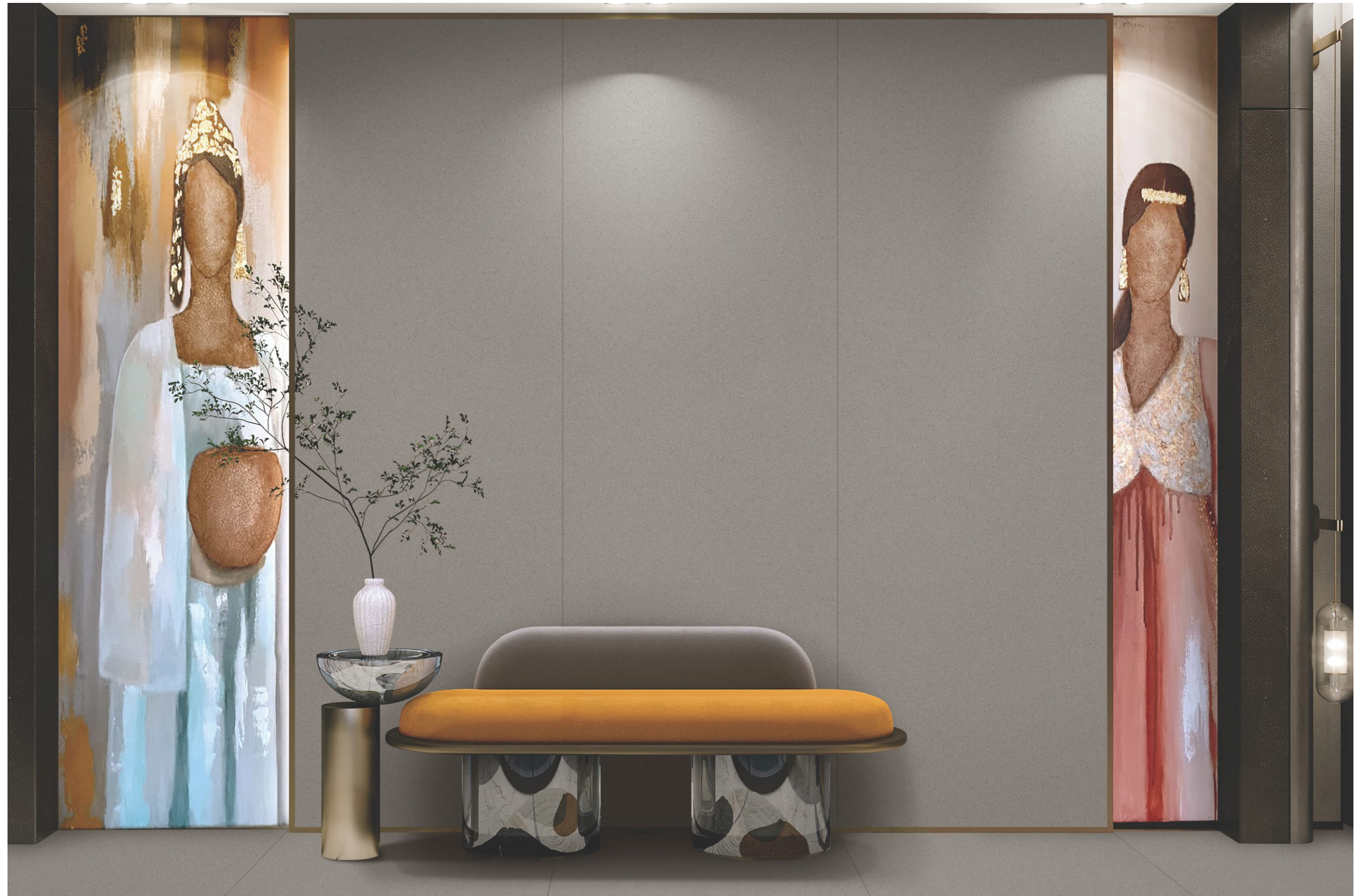




Steller Steel Grey

Size: **800x2400mm**  
Surface: **MattCER (Basic)**  
Thickness: **15mm**  
Random: **1**

**Also Available in**  
**800x2400mmx15mm** - PoliCER  
**800x3000mmx15mm** - PoliCER



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PoliCER

Size: **800x2400mm**

Surface: **PoliCER**

Thickness: **15mm**

Transform every nook into a luxurious haven of elegance and grace with our range of polished fullbody slabs. Every slab offers heavenly aesthetics, promising strength and durability. Their 15mm thickness opens up possibilities for various applications, seamlessly creating expansive beauty with reliable strength.





## Nile Royal Quartz

Size: **800x2400mm**

Surface: **PoliCER (Super Special)**

Thickness: **15mm**

Random: **1**

**Also Available in**

**800x2400mmx15mm - MattCER**

**800x3000mmx15mm - PoliCER**



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## Nile Everest

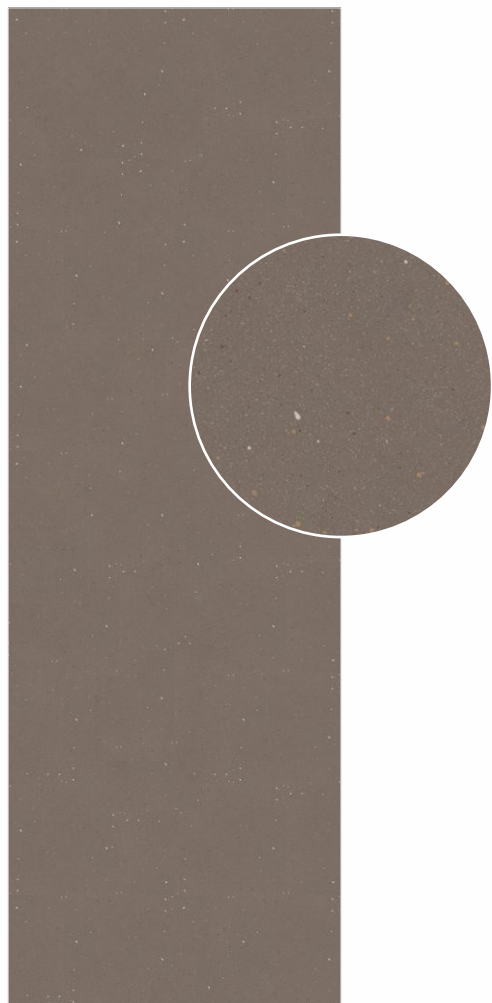
Size: **800x2400mm**  
Surface: **POLICER (Special)**  
Thickness: **15mm**  
Random: **1**



  
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Nile Wheat

Size: **800x2400mm**

Surface: **PoliCER (Special)**

Thickness: **15mm**

Random: **1**

**Also Available in**  
**800x2400mmx15mm - MattCER**

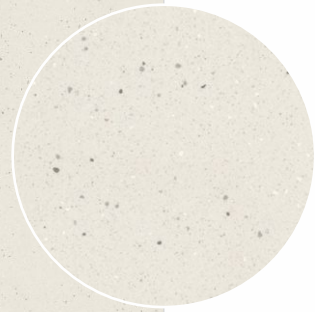


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## Nile Pearl

Size: **800x2400mm**  
Surface: **POLICER (Basic)**  
Thickness: **15mm**  
Random: **1**

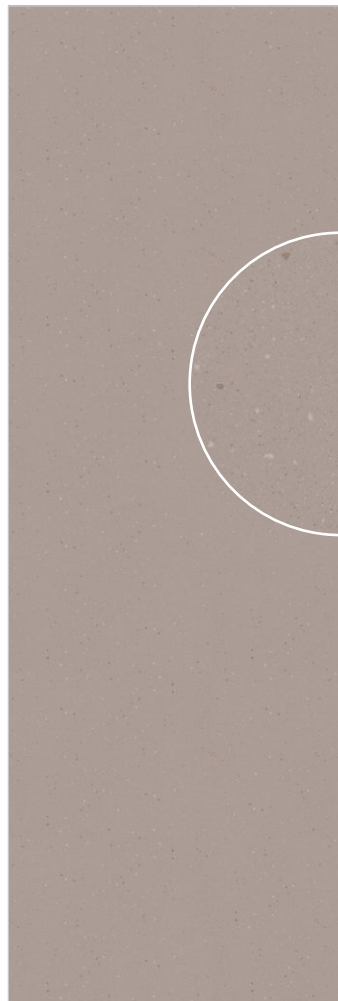


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Nile Rossa

Size: **800x2400mm**  
Surface: **POLICER (Basic)**  
Thickness: **15mm**  
Random: **1**

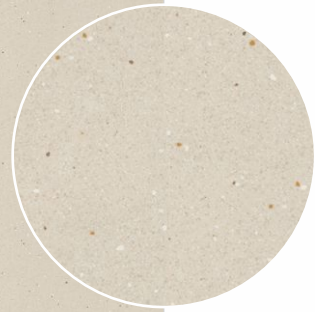


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## Nile Frost

Size: **800x2400mm**  
Surface: **PoliCER (Basic)**  
Thickness: **15mm**  
Random: **1**

**Also Available in**  
**800x2400mmx15mm - MattCER**

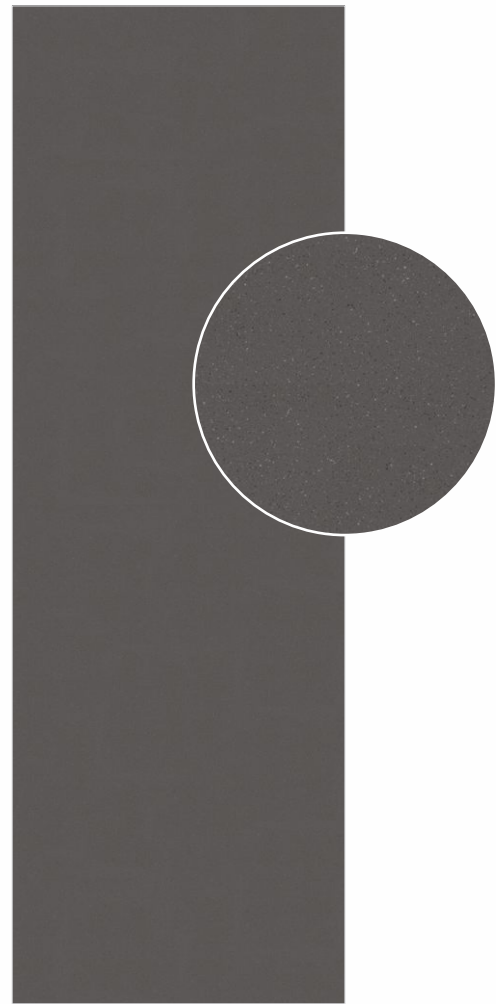


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## Martin Nero

Size: **800x2400mm**

Surface: **POLICER (Special)**

Thickness: **15mm**

Random: **1**

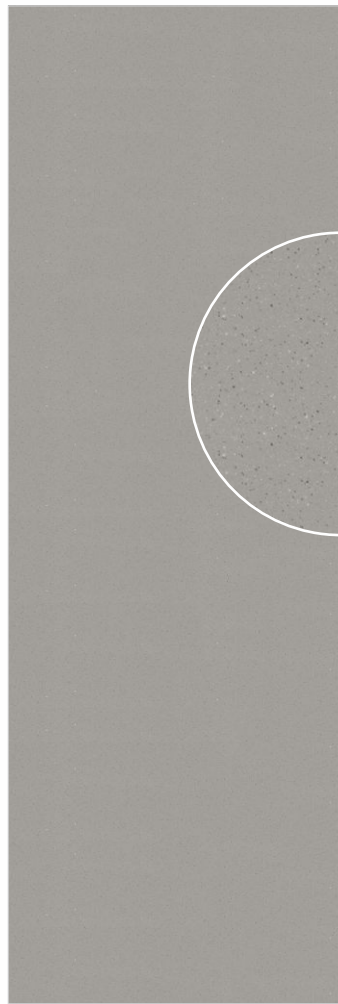


  
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Martin Dove

Size: **800x2400mm**  
Surface: **PolicER (Basic)**  
Thickness: **15mm**  
Random: **1**

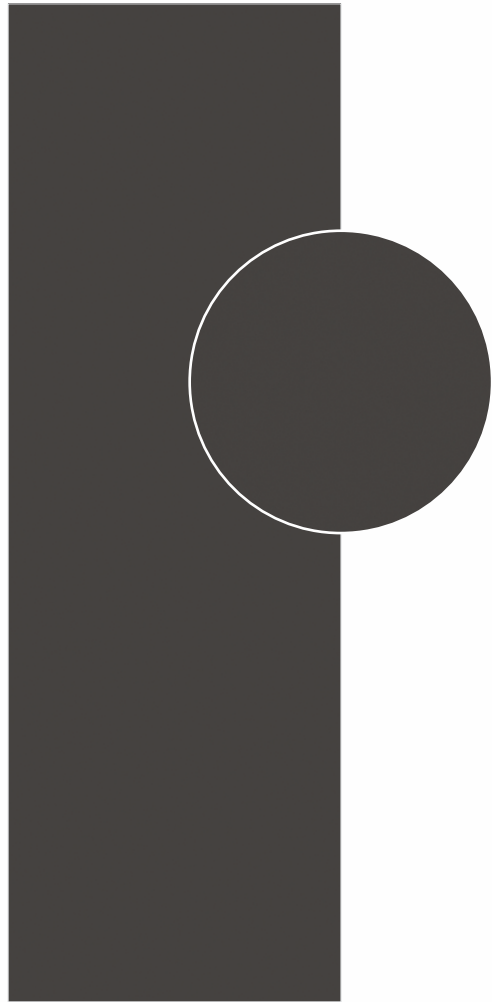


  
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True Black

Size: **800x2400mm**

Surface: **PoliCER (Super Special)**

Thickness: **15mm**

Random: **1**

**Also Available in**  
**800x3000mmx15mm - PoliCER**

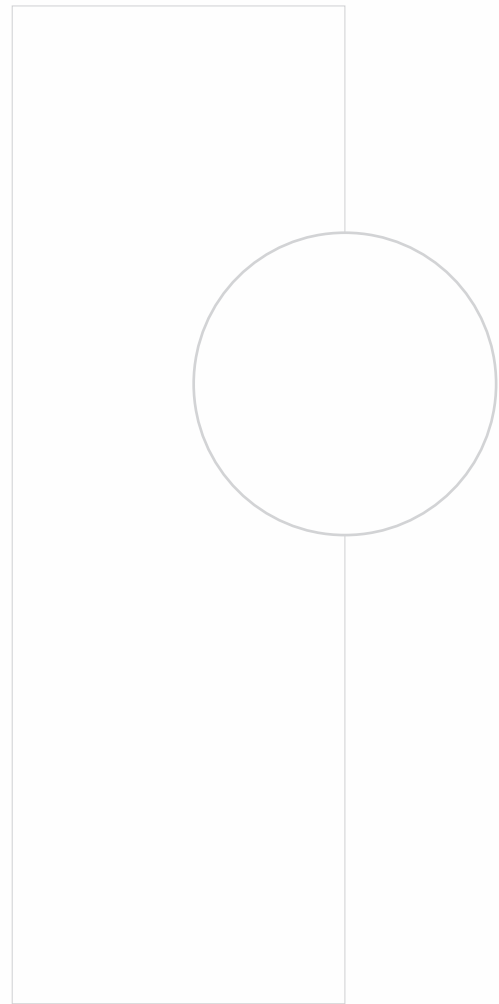


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True White

Size: **800x2400mm**

Surface: **PoliCER (Super Special)**

Thickness: **15mm**

Random: **1**

**Also Available in**  
**800x3000mmx15mm - PoliCER**

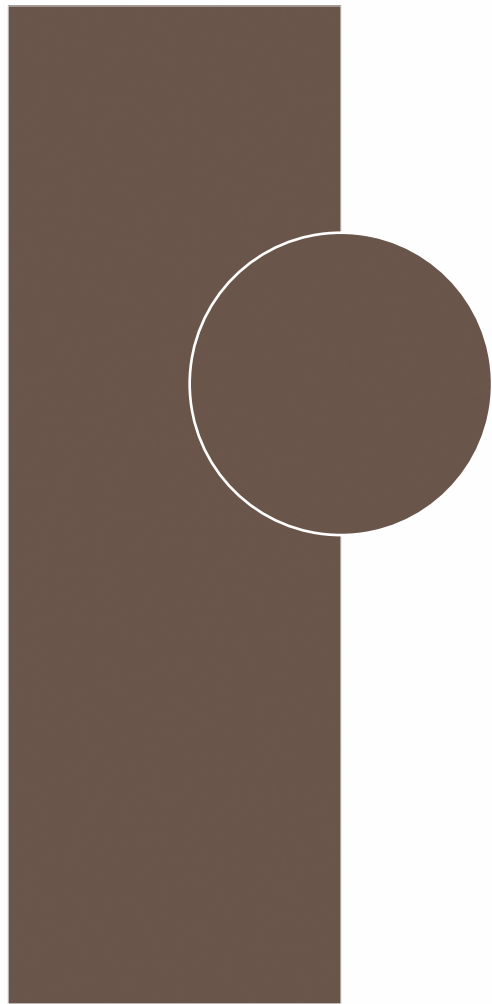


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True Brown

Size: **800x2400mm**

Surface: **PoliCER (Special)**

Thickness: **15mm**

Random: **1**

**Also Available in**  
**800x2400mmx15mm - MattCER**

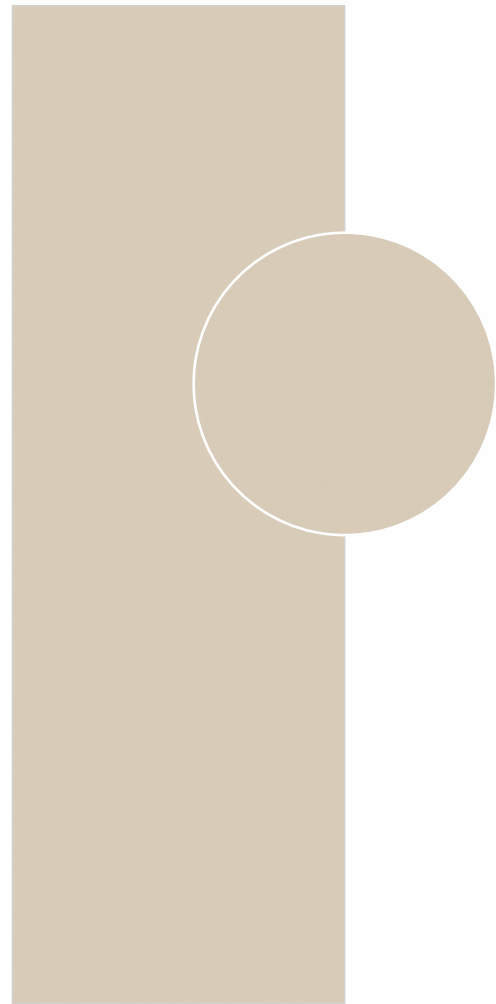


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## True Crema

Size: **800x2400mm**  
Surface: **PoliCER (Basic)**  
Thickness: **15mm**  
Random: **1**

**Also Available in**  
**800x2400mmx15mm - MattCER**

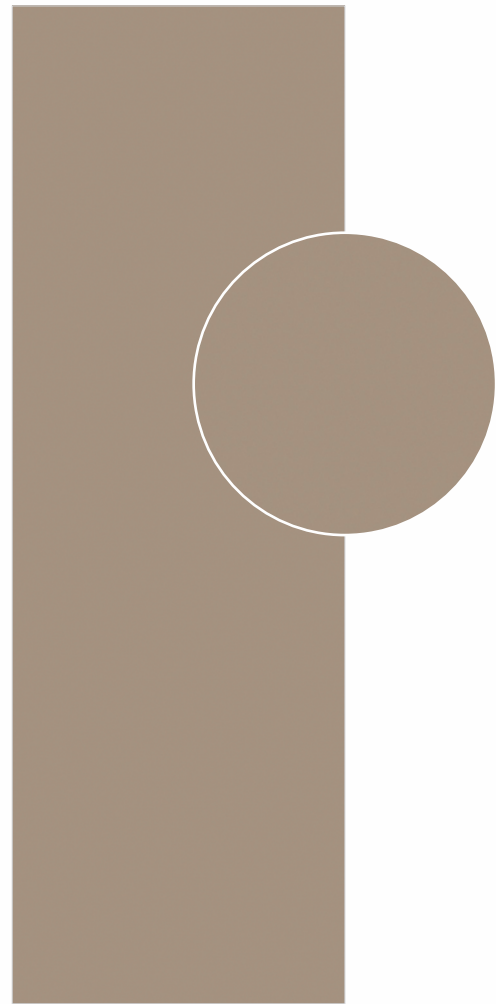


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## True Mushroom

Size: **800x2400mm**  
Surface: **PoliCER (Basic)**  
Thickness: **15mm**  
Random: **1**

**Also Available in**  
**800x2400mmx15mm - MattCER**

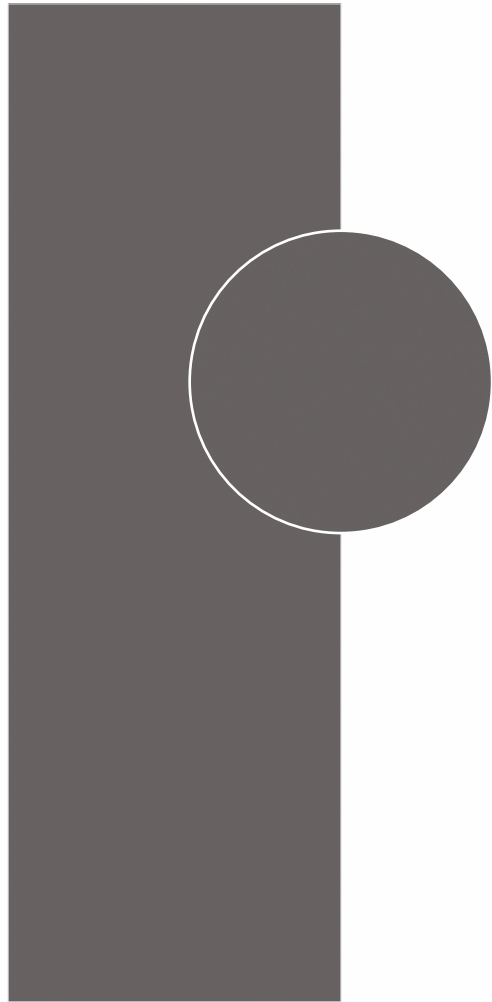


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True Dark Grey

Size: **800x2400mm**  
Surface: **PoliCER (Basic)**  
Thickness: **15mm**  
Random: **1**

**Also Available in**  
**800x2400mmx15mm - MattCER**  
**800x3000mmx15mm - PoliCER**

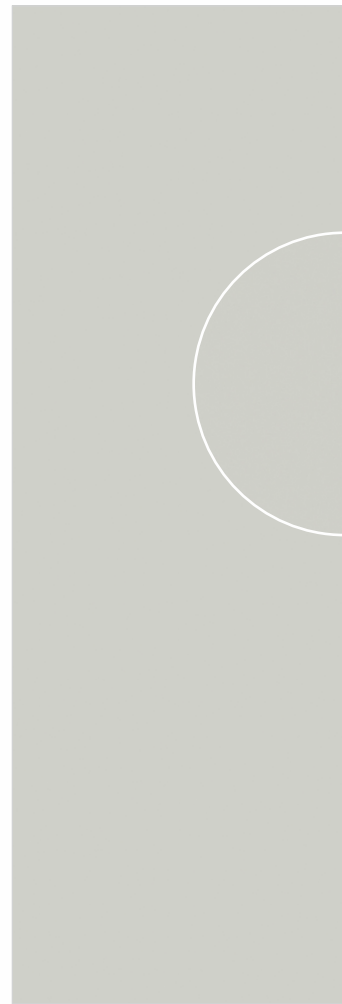


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## True Dove

Size: **800x2400mm**  
Surface: **PoliCER (Basic)**  
Thickness: **15mm**  
Random: **1**

**Also Available in**  
**800x2400mmx15mm** - MattCER  
**800x3000mmx15mm** - PoliCER

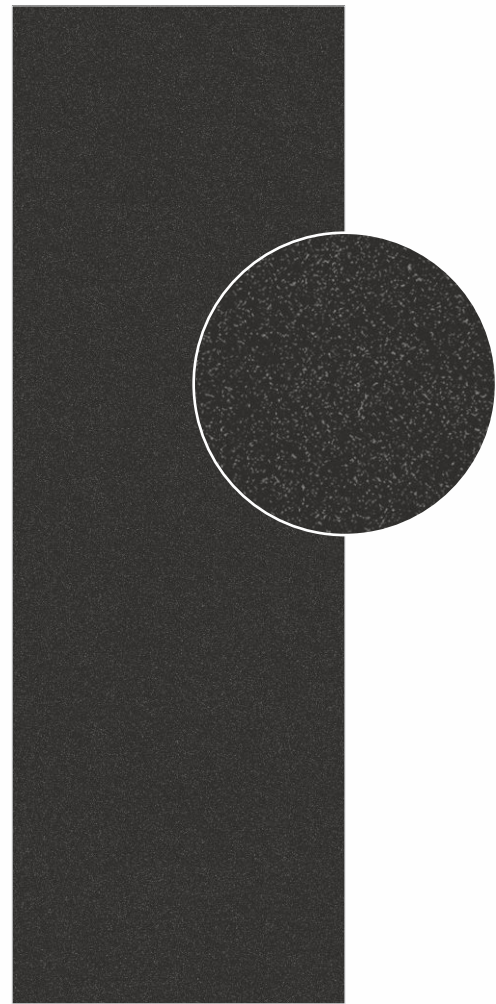


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## Steller Black

Size: **800x2400mm**

Surface: **PoliCER (Special)**

Thickness: **15mm**

Random: **1**

**Also Available in**

**800x2400mmx15mm - MattCER**

**800x3000mmx15mm - PoliCER**



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Steller White

Size: **800x2400mm**

Surface: **PoliCER (Special)**

Thickness: **15mm**

Random: **1**

**Also Available in**  
**800x2400mmx15mm - MattCER**



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## Steller Royal

Size: **800x2400mm**

Surface: **PoliCER (Special)**

Thickness: **15mm**

Random: **1**

**Also Available in**

**800x2400mmx15mm - MattCER**

**800x3000mmx15mm - PoliCER**

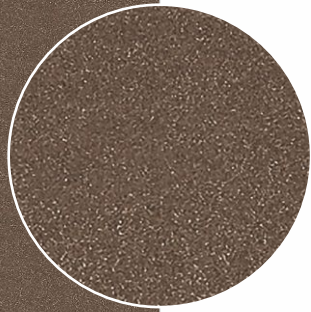
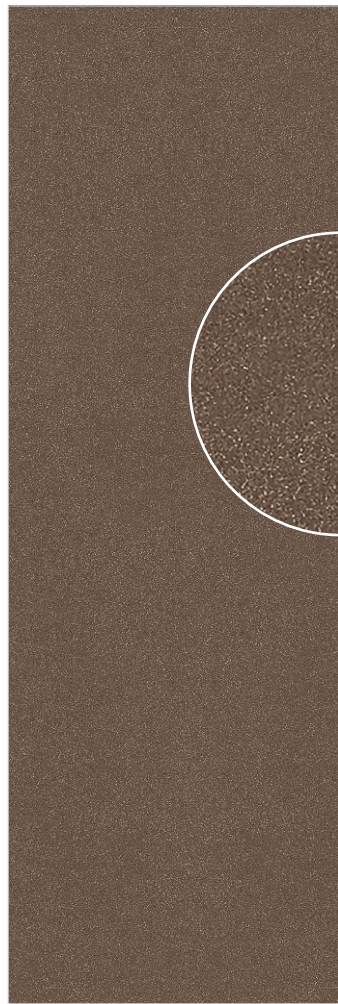


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Steller Brown

Size: **800x2400mm**

Surface: **PoliCER (Special)**

Thickness: **15mm**

Random: **1**

**Also Available in**

**800x2400mmx15mm** - MattCER

**800x3000mmx15mm** - PoliCER



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## Steller Moss

Size: **800x2400mm**  
Surface: **PoliCER (Basic)**  
Thickness: **15mm**  
Random: **1**

**Also Available in**  
**800x2400mmx15mm - MattCER**

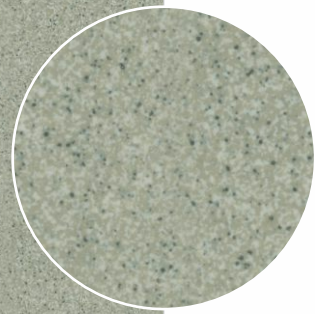


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## Steller Mocha

Size: **800x2400mm**  
Surface: **PoliCER (Basic)**  
Thickness: **15mm**  
Random: **1**

**Also Available in**  
**800x2400mmx15mm - MattCER**

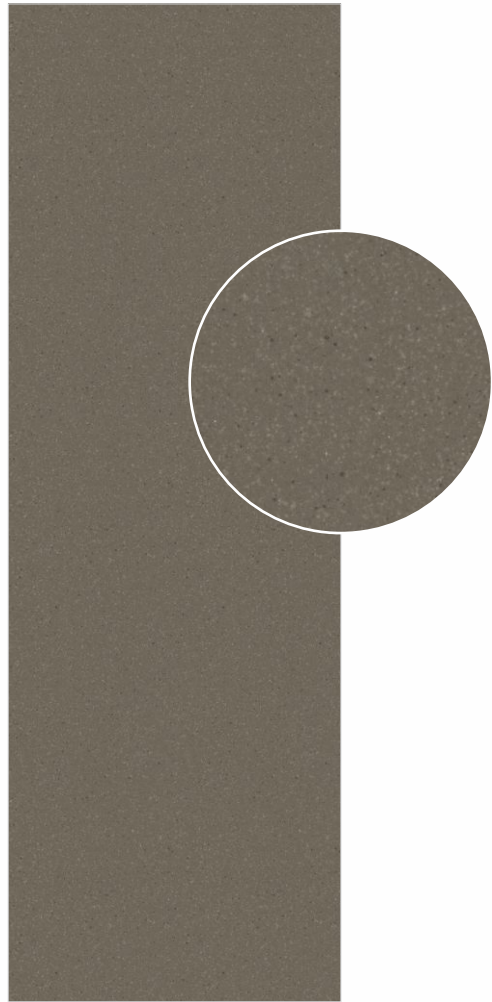


  
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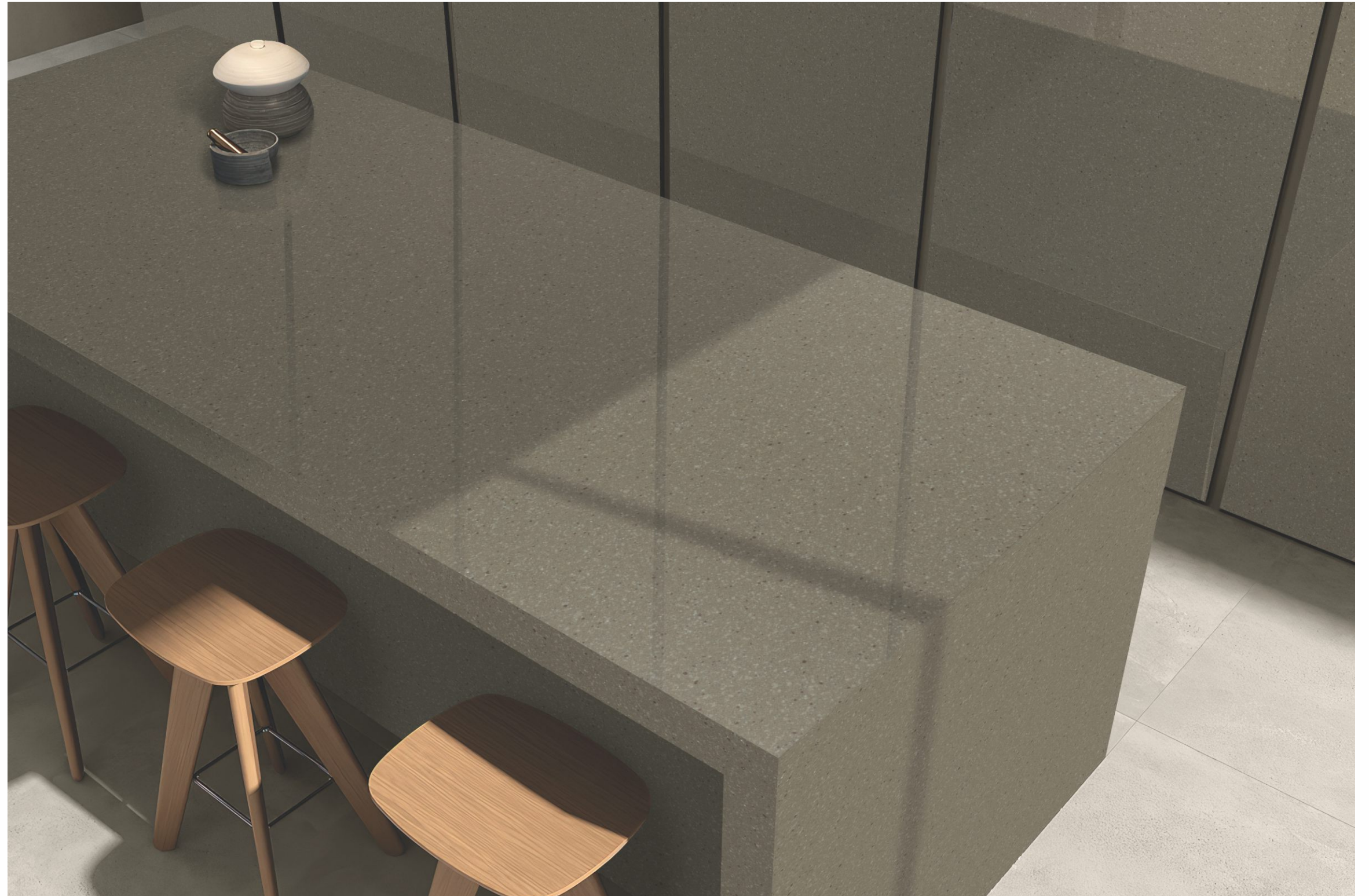




## Steller Sand

Size: **800x2400mm**  
Surface: **PoliCER (Basic)**  
Thickness: **15mm**  
Random: **1**

**Also Available in**  
**800x2400mmx15mm** - MattCER  
**800x3000mmx15mm** - PoliCER



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## Steller Beige

Size: **800x2400mm**  
Surface: **PoliCER (Basic)**  
Thickness: **15mm**  
Random: **1**

**Also Available in**  
**800x2400mmx15mm** - MattCER  
**800x3000mmx15mm** - PoliCER

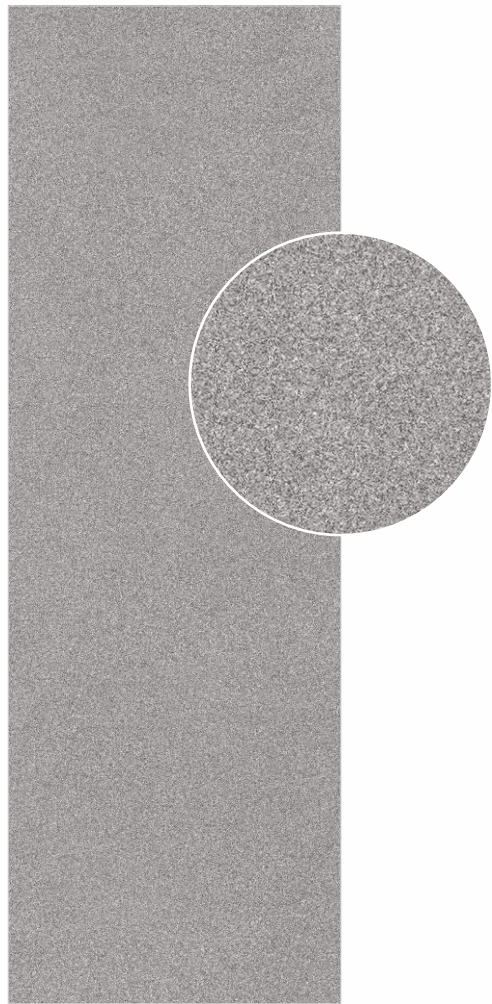


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## Steller Grey

Size: **800x2400mm**

Surface: **PoliCER (Basic)**

Thickness: **15mm**

Random: **1**

**Also Available in**  
**800x2400mmx15mm - MattCER**

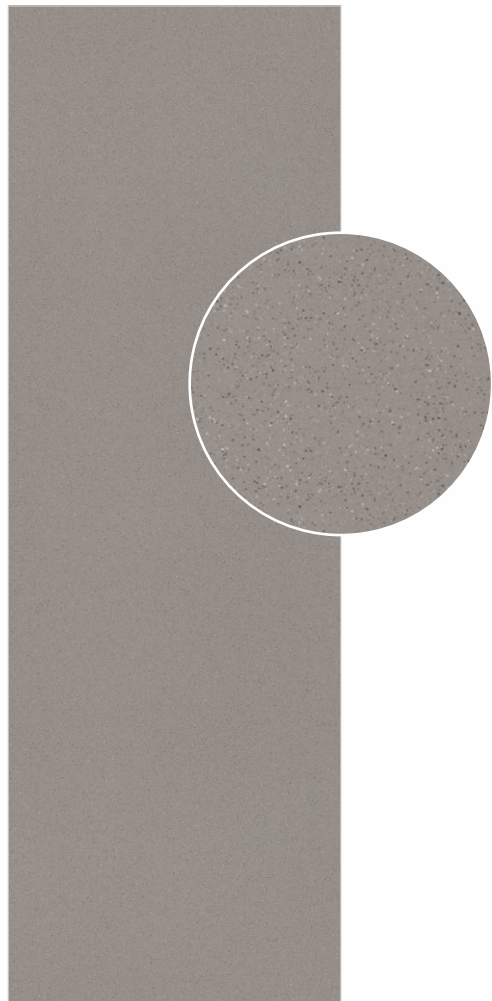


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Steller Steel Grey

Size: **800x2400mm**  
Surface: **PoliCER (Basic)**  
Thickness: **15mm**  
Random: **1**

**Also Available in**  
**800x2400mmx15mm - MattCER**  
**800x3000mmx15mm - PoliCER**



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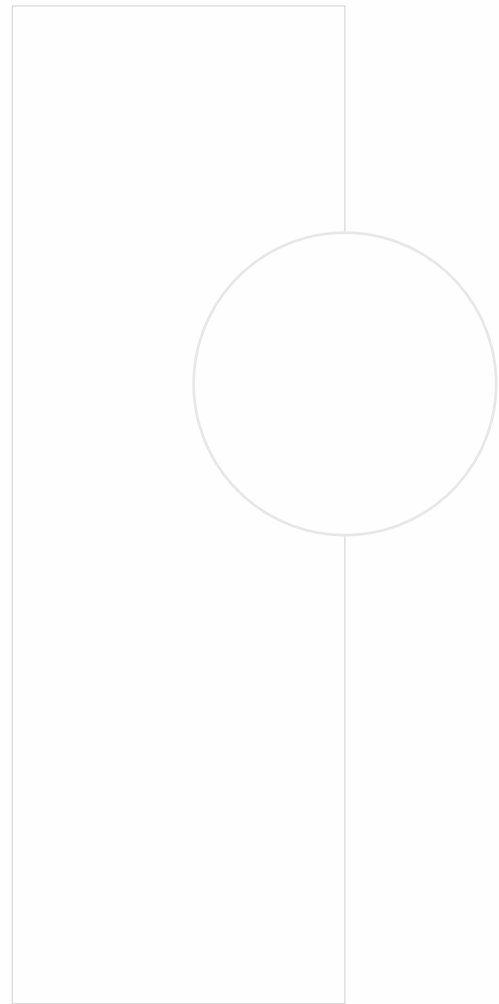


Colorbody

Size: **800x2400mm**  
Surfaces: **MattCER, MattCER Glid & PoliCER**  
Thickness: **15mm**

Let your spaces embody the depth of your imagination, as you play with textures and colors to create spaces that delight the senses. These slabs offer aesthetic beauty and structural integrity, laying a reliable foundation for your interior decor. Their durable design and 15mm thickness make them an ideal choice for dynamic applications.





White Paradise

Size: **800x2400mm**  
Surface: **MattCER Glid (Basic)**  
Thickness: **15mm**  
Random: **1**

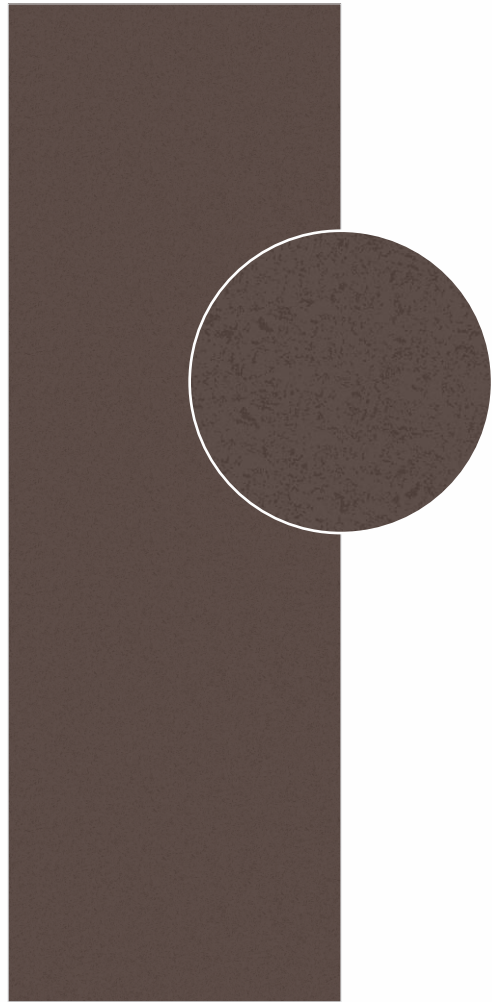


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Brown Paradise

Size: **800x2400mm**

Surface: **MattCER Glid (Special)**

Thickness: **15mm**

Random: **1**

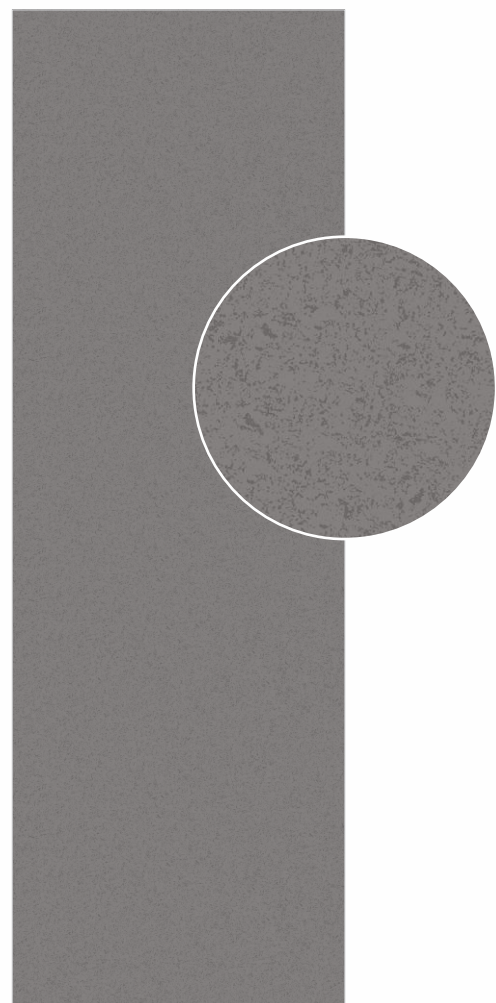


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Grey Paradise

Size: **800x2400mm**

Surface: **MattCER Glid (Special)**

Thickness: **15mm**

Random: **1**

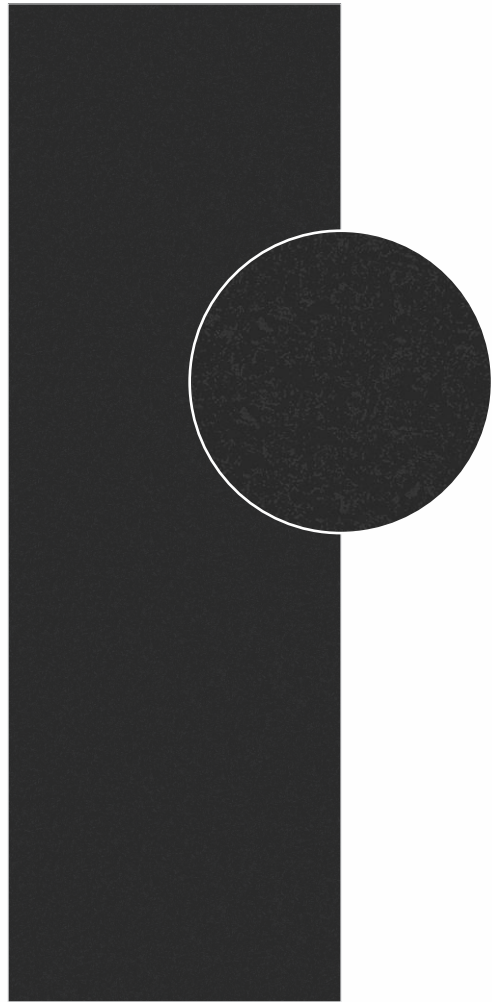


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## Black Paradise

Size: **800x2400mm**

Surface: **MattCER Glid (Super Special)**

Thickness: **15mm**

Random: **1**

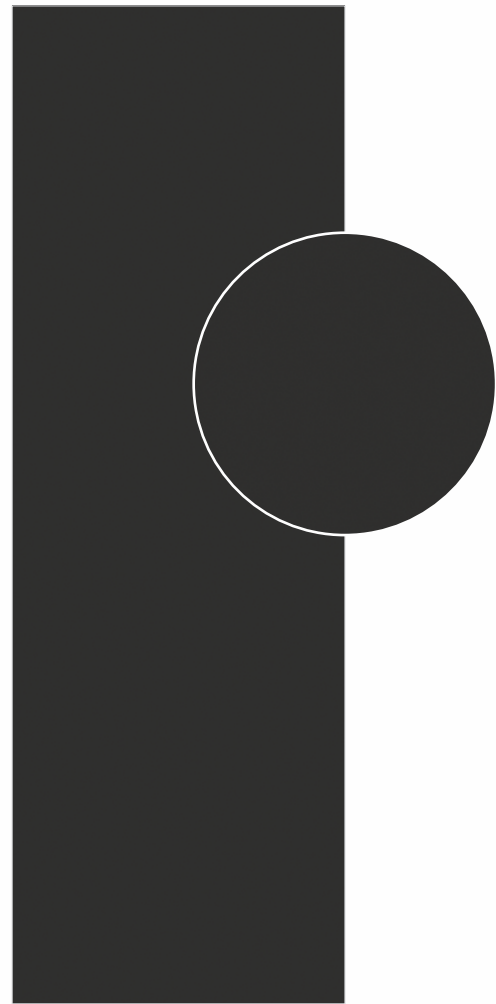


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## Enrich Black

Size: **800x2400mm**  
Surface: **PoliCER (Dark)**  
Thickness: **15mm**  
Random: **1**

**Also Available in**  
**800x2400mmx15mm - MattCER**

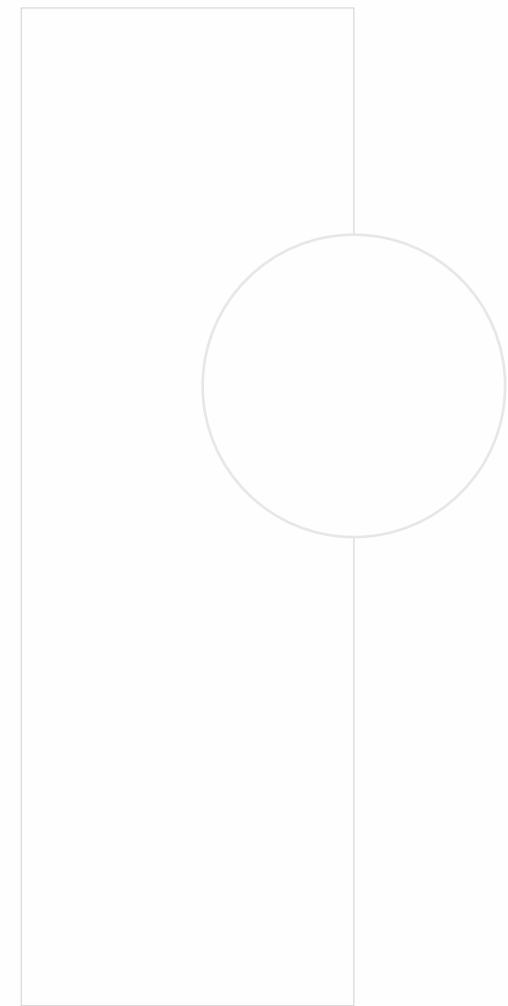


  
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## Enrich White

Size: **800x2400mm**  
Surface: **PolICER (Light)**  
Thickness: **15mm**  
Random: **1**

**Also Available in**  
**800x2400mmx15mm - MattCER**

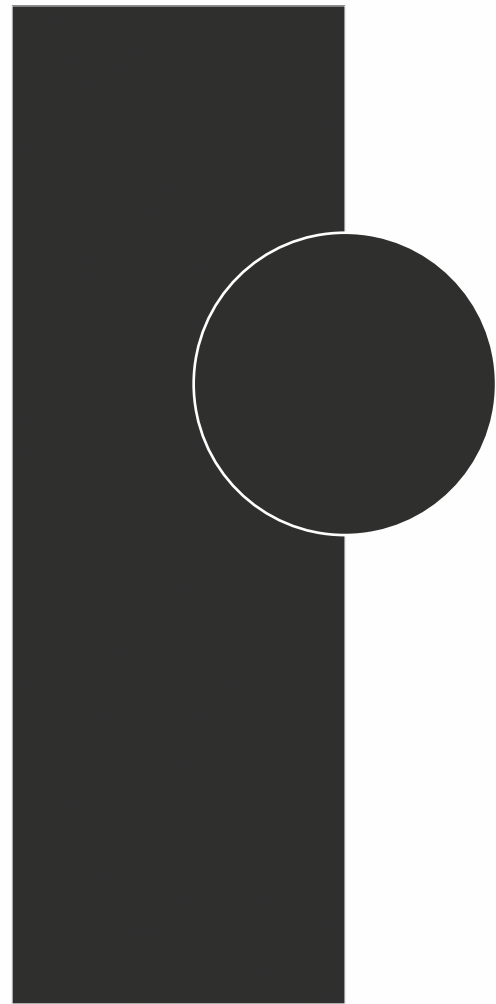


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## Enrich Black

Size: **800x2400mm**  
Surface: **MattCER (Dark)**  
Thickness: **15mm**  
Random: **1**

**Also Available in**  
**800x2400mmx15mm - PoliCER**

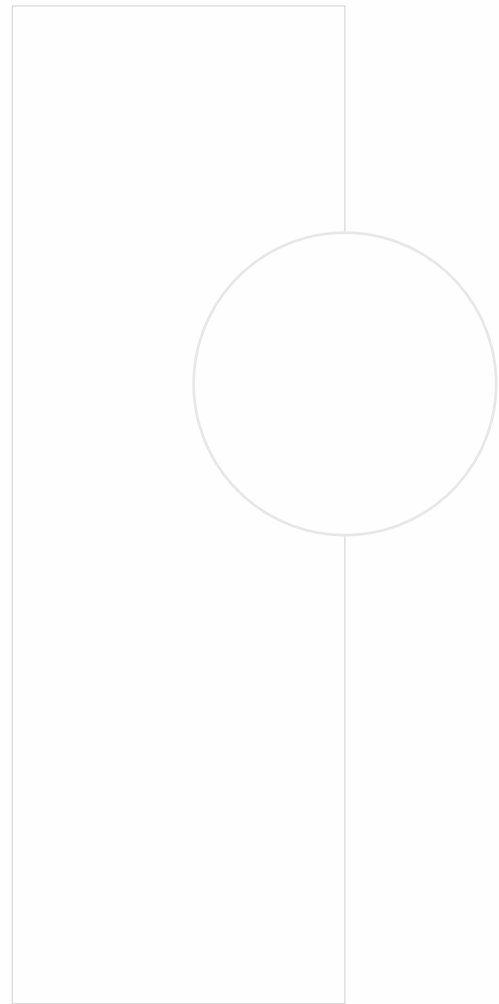


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## Enrich White

Size: **800x2400mm**  
Surface: **MattCER (Light)**  
Thickness: **15mm**  
Random: **1**

**Also Available in**  
**800x2400mmx15mm - PoliCER**

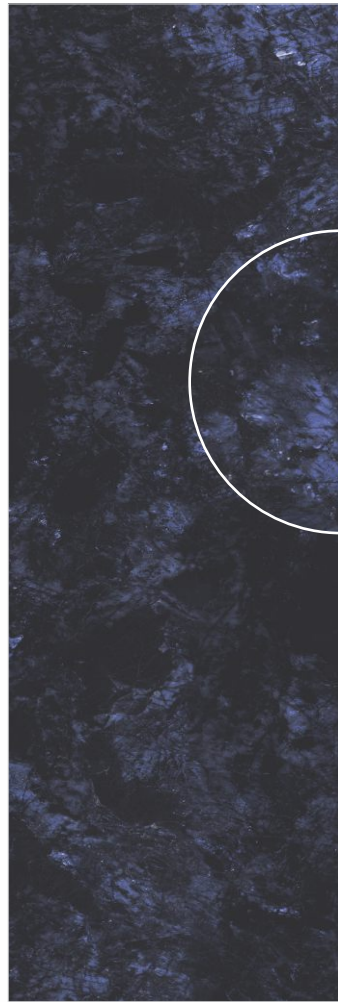


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Pacific Blue

Size: 800x2400mm  
Surface: POLICER (Dark)  
Thickness: 15mm  
Random: 1

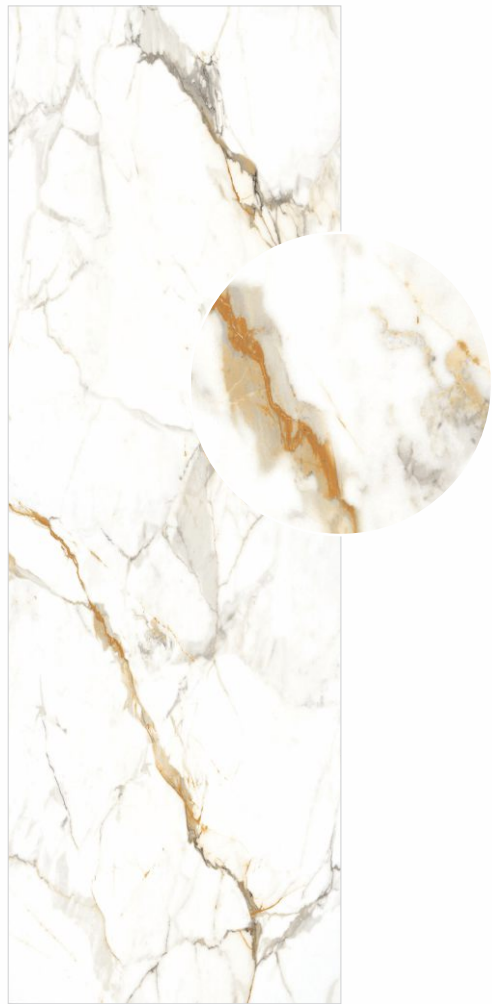


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Arctic White

Size: 800x2400mm  
Surface: POLICER (Light)  
Thickness: 15mm  
Random: 1



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Statuario Ice

Size: **800x2400mm**  
Surface: **POLICER (Light)**  
Thickness: **15mm**  
Random: **1**



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TECHNICAL SPECIFICATIONS - NILE SERIES

CHARACTERISTICS	STANDARD AS PER ISO13006:2018/ EN14411 Gr Bla	STANDARD AS PER ISO 15622:2017 Gr Bla	PORTOCER VALUE	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. 140mm²	Max. 132mm²	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 <sup>6</sup>	Max. 6.0 X 10 <sup>6</sup>	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/NFSIB1013-2012
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.

PACKING DETAILS

Dimension (mm)	Thickness	No. of Pcs/Box	Coverage Area
800x2400mm	15mm	1 Pcs.	20.67 Sq. ft



TECHNICAL SPECIFICATIONS - FULLBODY

CHARACTERISTICS	STANDARD AS PER ISO13006:2018/ EN14411 Gr Bla	PORTOCER VALUE	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)	± 050%	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°
STRUCTURAL PROPERTIES			
Water Absorption	≤ 0.50%	≤ 0.060%	ISO 10545-3
Bulk Density	As Per Mfg.	Min. 2.28 gm/cc	ISO 10545-3
MASSIVE MECHANICAL PROPERTIES			
Modulus of Rupture	Min. 35.0 N/mm	Min. 42.0 N/mm	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 (75mm)	Min. 1300.0 N	Min. 7500.0 N	ISO 10545-4
SURFACE MECHANICAL PROPERTIES			
MOH'S Hardness #	As Per Mfg.	Gloss - Min. 4 / Posh - Min. 6	BS EN 15771
Surface Abrasion Resistance	As Per Mfg.	Gloss - Min. 2 / Posh - Min. 3	ISO 10545-7
Deep Abrasion Resistance	Max. 175mm³	Max.132mm³	ISO 10545-6
THERMAL HYDROMETRIC 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 <sup>-6</sup>	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 PROPERTIES			
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
SAFETY PROPERTIES			
Skid Resistance(DCOF-DRY) ##	As Per Mfg.	Gloosy PO (< <sup>12</sup> )0.30/ Posh-≥P <sup>(12.2</sup> 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.

PACKING DETAILS

Dimension (mm)	Thickness	No. of Pcs/Box	Coverage Area
800x2400mm	15mm	1 Pcs.	20.67 Sq. ft



TECHNICAL SPECIFICATIONS - COLORBODY

CHARACTERISTICS	STANDARD AS PER ISO13006:2018/ EN14411 Gr Bla	STANDARD AS PER ISO 15622:2017 Gr Bla	PORTOCER VALUE	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.	7" < GLOSS < 25"	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 <sup>2</sup>	Min. 35.0 N/mm <sup>2</sup>	Min. 40.0 N/mm	ISO 10545-4 & IS 13630-6
Breaking Strength Thickness ≥ 7.5)	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 / IS013630-13
Surface Abrasion Resistance	As Per Mfg.	Max. 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 <sup>-6</sup>	Max. 6.0 X 10 <sup>-6</sup>	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 7.5 bar	4 Cycles	4 Cycles	4 Cycles	ISO 10545 11 & IS 13630-9
CHEMICAL PROPERTIES				
Resistance to Staining Glazed	Min. Class 3	Min. Class 1	Min. Class 4 / Min. Class 2	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-DRY)	As Per Mfg.	As Per Mfg.	Polished PO / Matt P1	ANSI/NFSIB1013-2012
Slip Resistance (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.

PACKING DETAILS

Dimension (mm)	Thickness	No. of Pcs/Box	Coverage Area
800x2400mm	15mm	1 Pcs.	20.67 Sq. ft





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