



 **LAMINAR**
Vitrified Tiles



VITRONA
COLLECTION

100% GLAZED VITRIFIED TILES
600x1200mm | 600x600mm



#LAMINAR
Vitrified Tiles

INTRODUCING THE **VITRONA** COLLECTION

3

SURFACES
GLOSSY
MATT
MATT CARVING

2

SIZES
600x1200mm
600x600mm

1

THICKNESS
8.5mm

VITRONA COLLECTION STORY

The Vitrona Collection is more than just a series of tiles; it is a tale of harmony and design. Each piece within the collection is designed to complement the others, creating a cohesive and versatile palette that caters to a variety of preferences. Vitrona Collection's 100% vitrified body ensures everlasting strength and timeless designs, crafting spaces meant to last forever.

The heart of the Vitrona Collection lies in its expansive range, each piece a testament to the designer's artistry. Whether showcasing the majestic beauty of natural stones or the subtle sophistication of urban décor, Vitrona will elevate your space.

The Glossy and Matt surfaces, including Matt carving options within the Collection, offer a multitude of finishes that unite to perfect any space. The distinct Décor designs provide a touch of boldness that ties these elements together, creating a unifying theme that bridges the understated with the intrepid.

Whether used individually or in combination, these tiles elevate any space through their ethereal designs and unique surfaces, making the Vitrona Collection ideal for those who appreciate the finer things in life.





VITRONA
COLLECTION

GLOSSY SURFACE

Vitrona Collection's Glossy surfaces are rigorously polished with a state-of-the-art polishing machine to achieve everlasting shine. The polishing process removes all bumps and makes the surface perfectly flat and smooth increasing its reflectiveness. These surfaces radiantly disperse the ambient light adding a touch of refinement while enhancing spaces to feel more open and inviting.

FEATURES



Easy to
Clean



Enhanced
Color Depth



Shine Polished
Surface

APPLICATIONS



Bathroom
Wall



Decorative
Wall



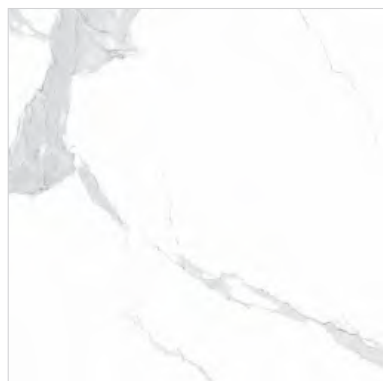
Residential
Floor



Kitchen
Wall

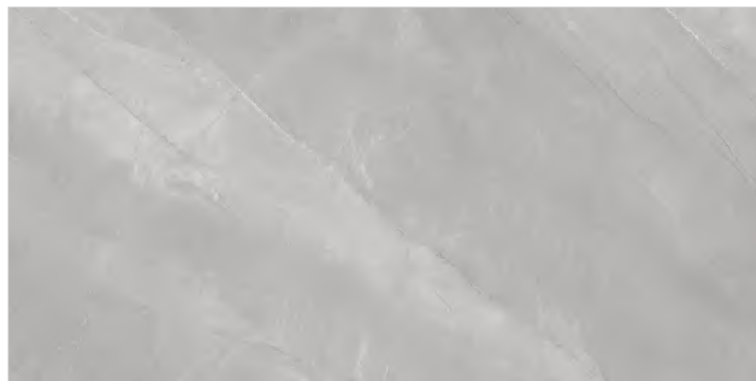


Façade



STATURIO FREAK
VTR - 1001

∞ RANDOM



ARMANI GREY
VTR - 1024

∞ RANDOM

* ∞ Random - Tile has multiple variations of the same design



GLOSSY

Wall : STATURIO FREAK
Floor : ARMANI GREY



Wall : ARCADIA GREY
 Floor : VOLCANO STATUARIO

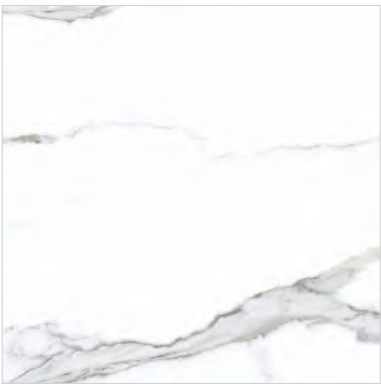
VITRONA
 COLLECTION

Sizes
 600x1200mm | 600x600mm

Surface
 Glossy

Thickness
 ÷ 8.5mm

#LAMINAR
 Vitrified Tiles



VOLCANO STATUARIO
 VTR - 1037
 ∞ RANDOM



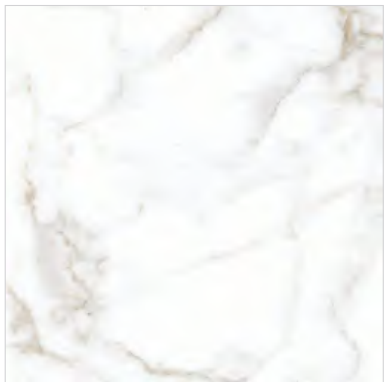
ARCADIA GREY
 VTR - 1025
 ∞ RANDOM

* ∞ Random - Tile has multiple variations of the same design

Sizes
600x1200mm | 600x600mm

Surface
Glossy

Thickness
÷ 8.5mm



MARCUS WHITE
VTR - 1031
∞ RANDOM



COSSY GREY
VTR - 1038
∞ RANDOM



Wall : MARCUS WHITE
Floor : COSSY GREY



Wall : MISTY ONYX
 Floor : SCARITO BEIGE

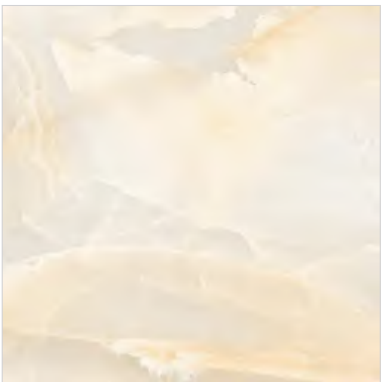
VITRONA
 COLLECTION

Sizes
 600x1200mm | 600x600mm

Surface
 Glossy

Thickness
 8.5mm

#LAMINAR
 Vitrified Tiles



MISTY ONYX
 VTR - 1027
 RANDOM



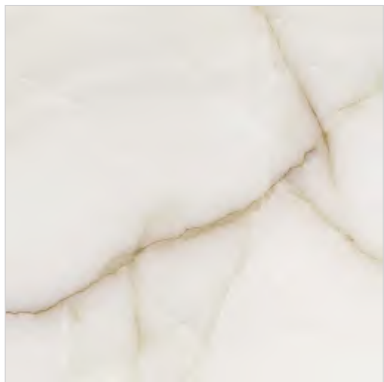
SCARITO BEIGE
 VTR - 1028
 RANDOM

* Random - Tile has multiple variations of the same design

Sizes
600x1200mm | 600x600mm

Surface
Glossy

Thickness
÷ 8.5mm



FELIX ONIC
VTR - 1039
∞ RANDOM



VERING VERDE
VTR - 1014
∞ RANDOM



GLOSSY

Wall : FELIX ONIC
Floor : VERING VERDE



Wall : ALASKA BEIGE
Floor : IRISH GREY

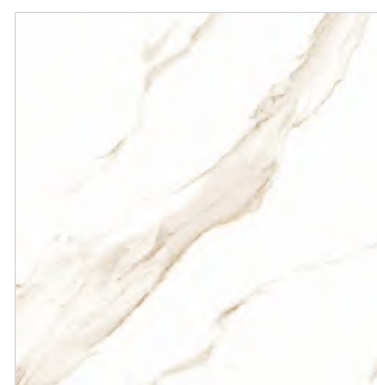
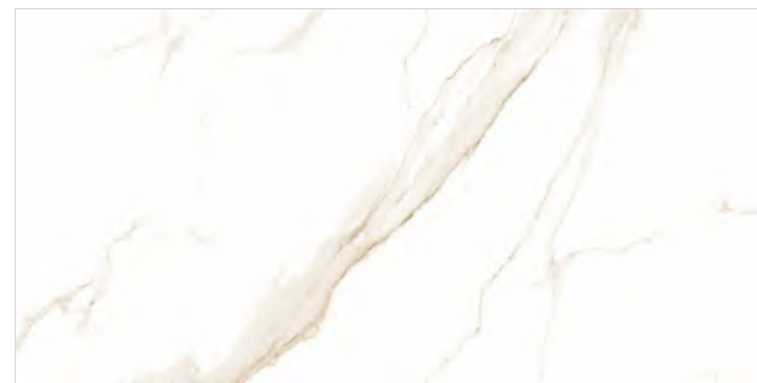
VITRONA COLLECTION

Sizes
600x1200mm | 600x600mm

Surface
Glossy

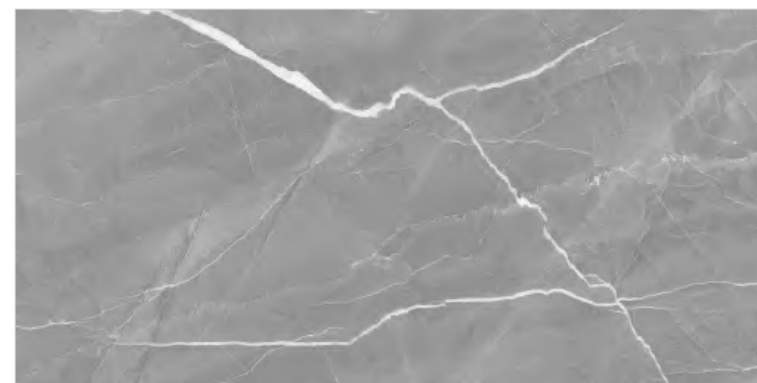
Thickness
÷ 8.5mm

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Vitrified Tiles



ALASKA BEIGE
VTR - 1002

∞ RANDOM



IRISH GREY
VTR - 1026

∞ RANDOM

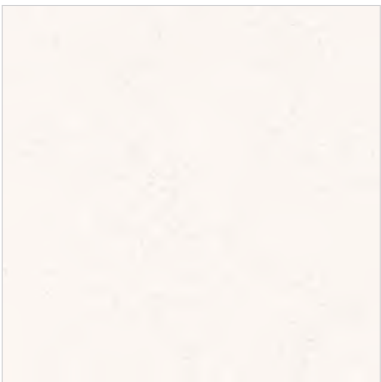
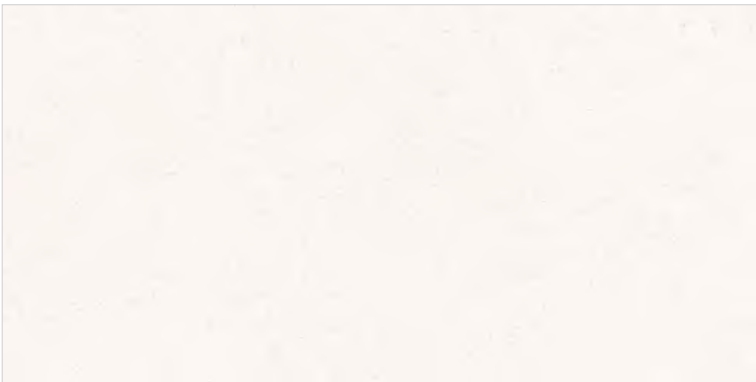
* ∞ Random - Tile has multiple variations of the same design

GLOSSY

Sizes
600x1200mm | 600x600mm

Surface
Glossy

Thickness
÷ 8.5mm



BRISTOL CREMA
VTR - 1034
∞ RANDOM



BRISTOL BEIGE
VTR - 1033
∞ RANDOM



Wall : BRISTOL CREMA & BRISTOL BEIGE
Floor : BRISTOL BEIGE



Wall : MURAN BEIGE & DYNA BROWEN
Floor : DYNA BROWEN

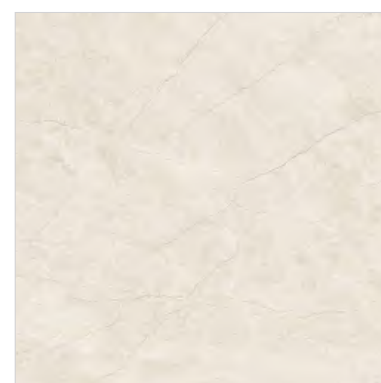
VITRONA COLLECTION

Sizes
600x1200mm | 600x600mm

Surface
Glossy

Thickness
÷ 8.5mm

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MURAN BEIGE
VTR - 1016

∞ RANDOM



DYNA BROWEN
VTR - 1018

∞ RANDOM

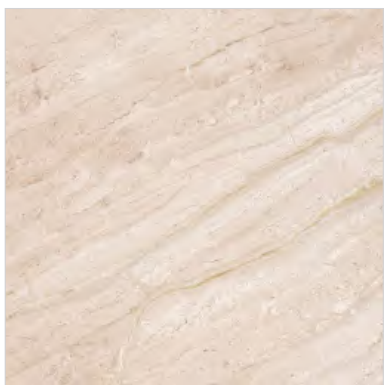
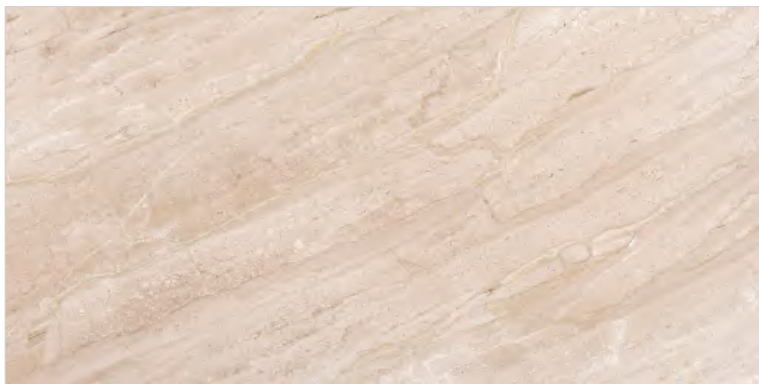
* ∞ Random - Tile has multiple variations of the same design

GLOSSY

Sizes
600x1200mm | 600x600mm

Surface
Glossy

Thickness
÷ 8.5mm



DAANA
VTR - 1020
∞ RANDOM



TRAVENTINO CREAM
VTR - 1021
∞ RANDOM



Wall : TRAVENTINO CREAM
Floor : DAANA



Wall : TEXAS BEIGE
Floor : TEXAS BROWN

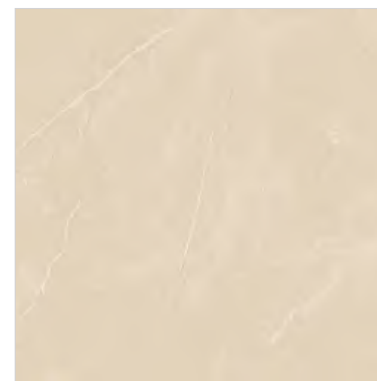
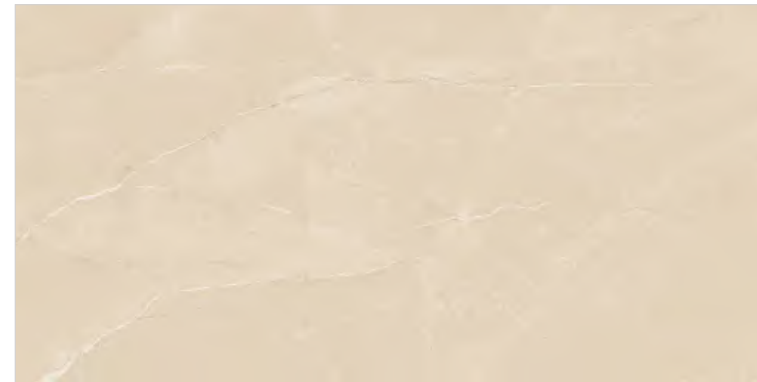
VITRONA
COLLECTION

Sizes
600x1200mm | 600x600mm

Surface
Glossy

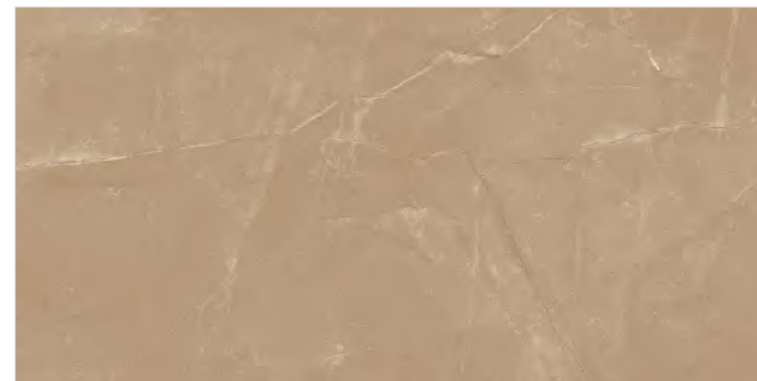
Thickness
÷ 8.5mm

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TEXAS BEIGE
VTR - 1007

∞ RANDOM



TEXAS BROWN
VTR - 1008

∞ RANDOM

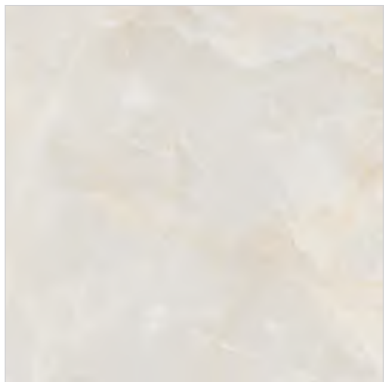
* ∞ Random - Tile has multiple variations of the same design

GLOSSY

Sizes
600x1200mm | 600x600mm

Surface
Glossy

Thickness
÷ 8.5mm



APRIAT LEMONADE
VTR - 1005
∞ RANDOM



APRIAT PEACH
VTR - 1006
∞ RANDOM



Wall : APRIAT LEMONADE
Floor : APRIAT PEACH



Wall : PIETRA CREMA
 Floor : PIETRA GREY

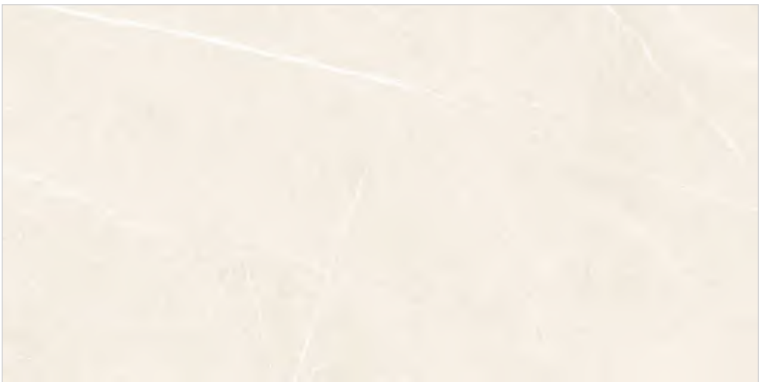
VITRONA
 COLLECTION

Sizes
 600x1200mm | 600x600mm

Surface
 Glossy

Thickness
 8.5mm

#LAMINAR
 Vitrified Tiles



PIETRA CREMA
 VTR - 1009
 ∞ RANDOM



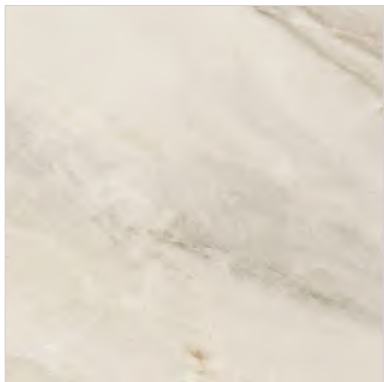
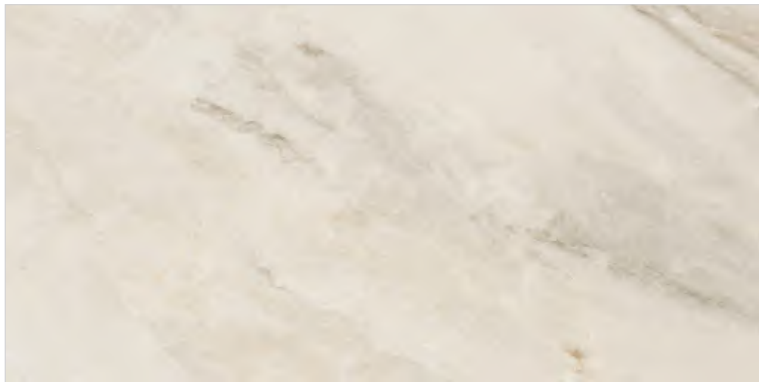
PIETRA GREY
 VTR - 1010
 ∞ RANDOM

* ∞ Random - Tile has multiple variations of the same design

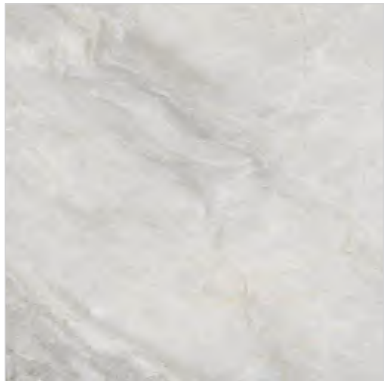
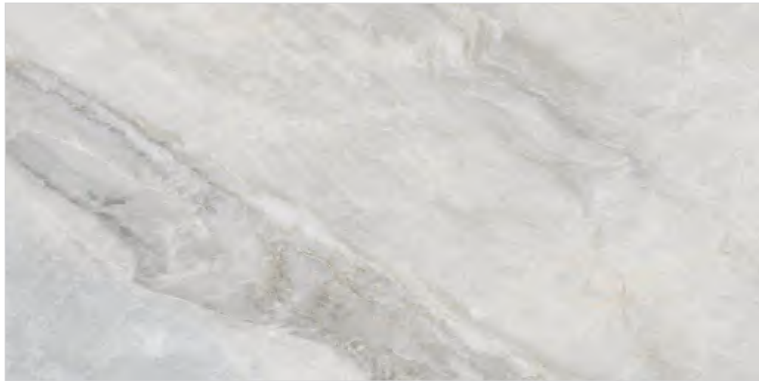
Sizes
600x1200mm | 600x600mm

Surface
Glossy

Thickness
÷ 8.5mm



PLANETO IVORY
VTR - 1003
∞ RANDOM



PLANETO NATURAL
VTR - 1004
∞ RANDOM



Wall : PLANETO IVORY & PLANETO NATURAL
Floor : PLANETO NATURAL



Wall : BRISTOL MINOLI
Floor : LILAC

VITRONA COLLECTION

Sizes
600x1200mm | 600x600mm

Surface
Glossy

Thickness
÷ 8.5mm

#LAMINAR
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BRISTOL MINOLI
VTR - 1023

∞ RANDOM



LILAC
VTR - 1022

∞ RANDOM

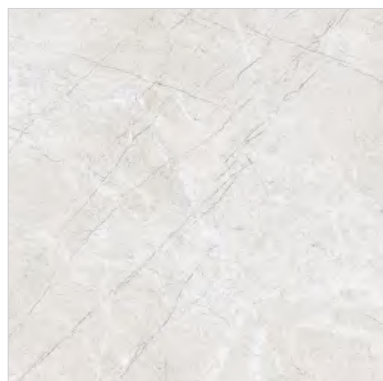
* ∞ Random - Tile has multiple variations of the same design

GLOSSY

Sizes
600x1200mm | 600x600mm

Surface
Glossy

Thickness
÷ 8.5mm



KRAKON BIANCO
VTR - 1011

∞ RANDOM



KRAKON SLATE
VTR - 1012

∞ RANDOM

* ∞ Random - Tile has multiple variations of the same design



Wall : KRAKON BIANCO
Floor : KRAKON SLATE



Wall : VERING SILVER
Floor : BOTTOCHINO NATURAL

VITRONA COLLECTION

Sizes
600x1200mm | 600x600mm

Surface
Glossy

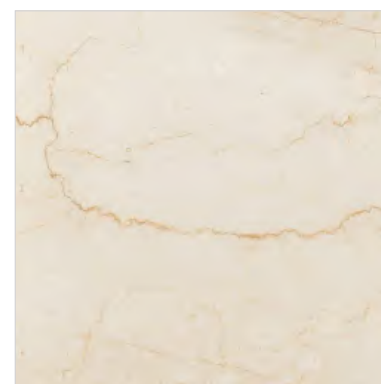
Thickness
÷ 8.5mm

#LAMINAR
Vitrified Tiles



VERING SILVER
VTR - 1013

∞ RANDOM



BOTTOCHINO NATURAL
VTR - 1017

∞ RANDOM

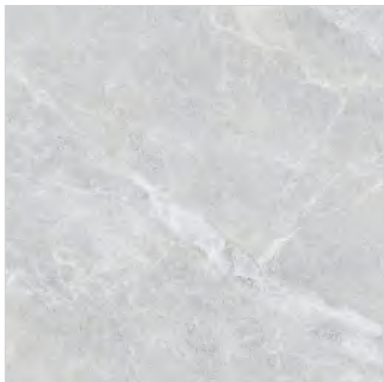
* ∞ Random - Tile has multiple variations of the same design

GLOSSY

Sizes
600x1200mm | 600x600mm

Surface
Glossy

Thickness
÷ 8.5mm



NOVOSA WHITE
VTR - 1030
∞ RANDOM



NOVOSA GREY
VTR - 1029
∞ RANDOM



Wall : NOVOSA WHITE
Floor : NOVOSA GREY

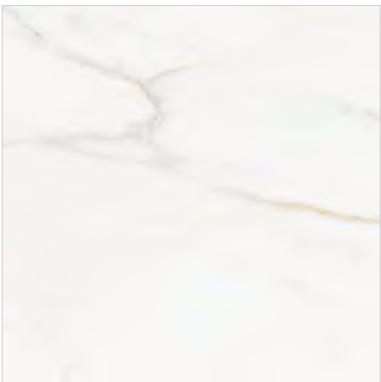


Wall : PULIDO DORO
 Floor : BAGLIO NERO

VITRONA
 COLLECTION

Sizes 600x1200mm 600x600mm	Surface Glossy	Thickness ÷ 8.5mm
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#LAMINAR
 Vitrified Tiles



PULIDO DORO
 VTR - 1035
 ∞ RANDOM



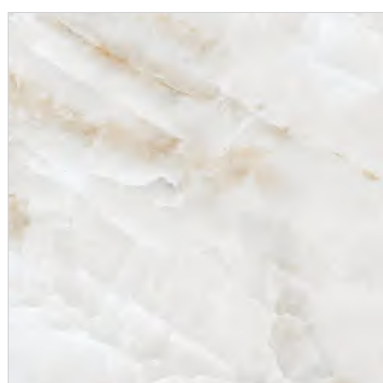
BAGLIO NERO
 VTR - 1040
 ∞ RANDOM

* ∞ Random - Tile has multiple variations of the same design

Sizes
600x1200mm | 600x600mm

Surface
Glossy

Thickness
÷ 8.5mm



AFYON BEIGE
VTR - 1032
∞ RANDOM



EVELYN BLU
VTR - 1036
∞ RANDOM

* ∞ Random - Tile has multiple variations of the same design



GLOSSY

Wall : AFYON BEIGE
Floor : EVELYN BLU

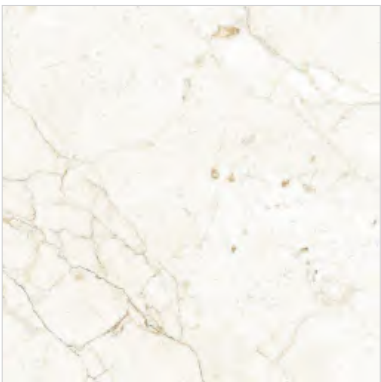


Wall : DYNA BROWN
 Floor : BRECIA PEACH

VITRONA
 COLLECTION

Sizes 600x1200mm 600x600mm	Surface Glossy	Thickness ÷ 8.5mm
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#LAMINAR
 Vitrified Tiles



BRECIA PEACH
 VTR - 1015
 ∞ RANDOM



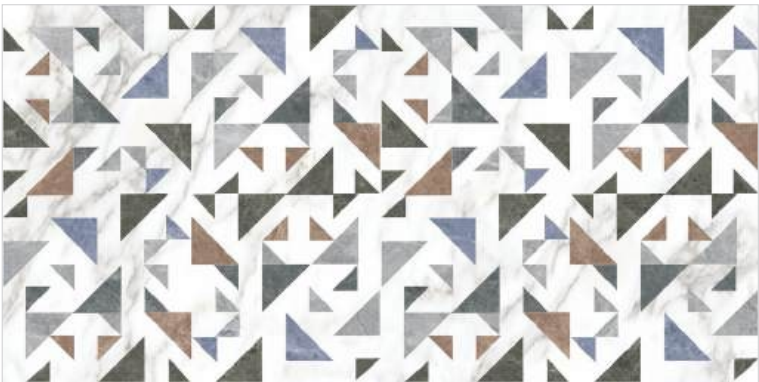
DYNA BROWN
 VTR - 1019
 ∞ RANDOM

* ∞ Random - Tile has multiple variations of the same design



Decor : TRIGON
Wall : MARCUS WHITE
Floor : NOVOSA GREY

Size	Surface	Thickness
600x1200mm	Glossy	÷ 8.5mm



TRIGON
VTR - D901



A Suggested Combination
by Laminar

MARCUS WHITE
VTR - 1031
✂ RANDOM



NOVOSA WHITE
VTR - 1030
✂ RANDOM



NOVOSA GREY
VTR - 1029
✂ RANDOM



GLOSSY DECOR



Size
600x1200mm

Surface
Glossy

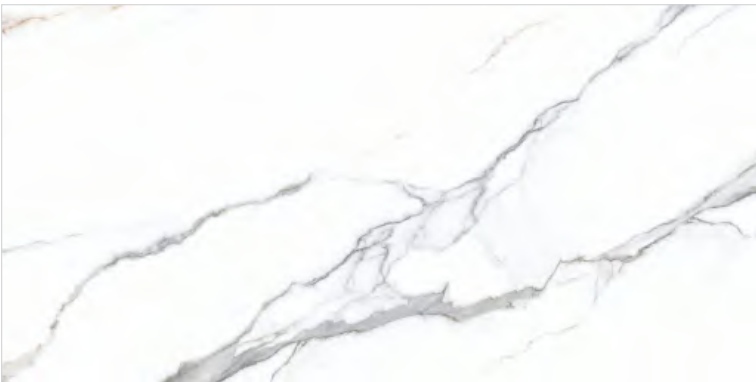
Thickness
÷ 8.5mm



REFLECTO SKEW
VTR - D78



suggested
combination by
LAMINAR



VOLCANO STATUARIO
VTR - 1037
✂ RANDOM



COSSY GREY
VTR - 1038
✂ RANDOM

GLOSSY DECOR



Decor : LEFLORAL
Wall : AFYON BEIGE
Floor : AFYON BEIGE

GLOSSY DECOR

Size
600x1200mm

Surface
Glossy

Thickness
÷ 8.5mm



LEFLORAL
VTR - D13



suggested
combination by
LAMINAR

AFYON BEIGE
VTR - 1032
✂ RANDOM



GLOSSY DECOR



Decor : DIMESA WAVE
Wall : BRISTOL CREMA
Floor : BRISTOL BEIGE

Size	Surface	Thickness
600x1200mm	Glossy	8.5mm

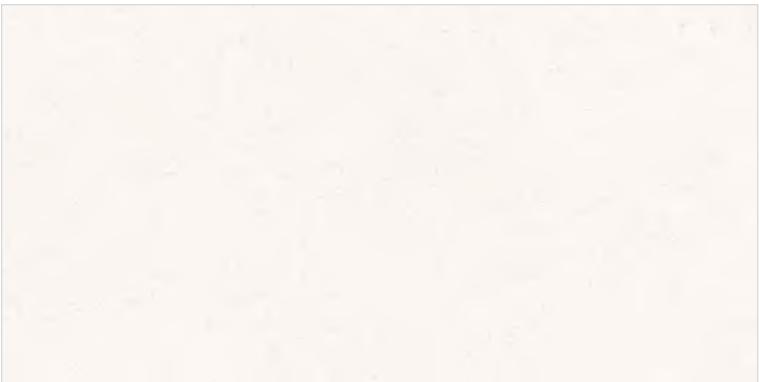


DIMESA WAVE
VTR - D189



suggested
combination by
LAMINAR

BRISTOL CREMA
VTR - 1034
RANDOM



BRISTOL BEIGE
VTR - 1033
RANDOM



GLOSSY DECOR



Size 600x1200mm	Surface Glossy	Thickness 8.5mm
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STEPO SLANT
VTR - D127



suggested
combination by
LAMINAR

PULIDO DORO
VTR - 1035
✂ RANDOM



EVELYN BLU
VTR - 1036
✂ RANDOM



GLOSSY DECOR



Decor : MARMOLINO
Wall : BAGLIO NERO
Floor : FELIX ONIC

Size	Surface	Thickness
600x1200mm	Glossy	8.5mm



MARMOLINO
VTR - D90



suggested
combination by
LAMINAR

FELIX ONIC
VTR - 1039
RANDOM



BAGLIO NERO
VTR - 1040
RANDOM



GLOSSY DECOR



VITRONA
COLLECTION

MATT SURFACE

Vitrona Collection's matt surfaces imitate a natural look and feel via its protective layer of glaze and are not polished. These surfaces have high light absorption which adds warmth and depth to your space. These surfaces offer a more subdued and sophisticated appearance, perfect for creating a calming ambience.

FEATURES



Natural
Texture



Scratch
Resistance



Minimal
Maintenance

APPLICATIONS



Bathroom
Wall



Bathroom
Floor



Kitchen
Floor



Balcony &
Terrace



Decorative
Wall



Residential
Floor



Commercial
Area

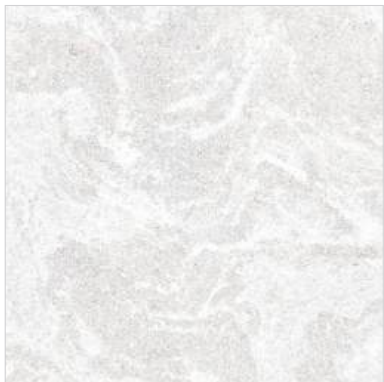


Façade

Sizes
600x1200mm | 600x600mm

Surface
Matt

Thickness
÷ 8.5mm



IDRO WHITE
VTR - 3001
∞ RANDOM



ANTISLIP GREY
VTR - 3014
∞ RANDOM



Wall : IDRO WHITE
Floor : ANTISLIP GREY



Wall : PETRA CREMA
 Floor : HORTON ECRU

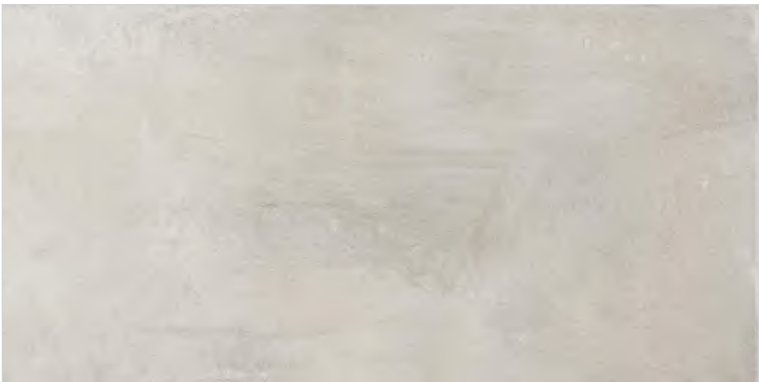
VITRONA
 COLLECTION

Sizes
 600x1200mm | 600x600mm

Surface
 Matt

Thickness
 ÷ 8.5mm

#LAMINAR
 Vitrified Tiles



HORTON ECRU
 VTR - 3003
 ∞ RANDOM



PETRA CREMA
 VTR - 3009
 ∞ RANDOM

* ∞ Random - Tile has multiple variations of the same design

Sizes
600x1200mm | 600x600mm

Surface
Matt

Thickness
÷ 8.5mm



CONCRETO
VTR - 3002
∞ RANDOM



PETRA BEIGE
VTR - 3008
∞ RANDOM



Wall : CONCRETO
Floor : PETRA BEIGE



Wall : SPECTRAL GREY
 Floor : ATLANTIC CIOCCOLATO

VITRONA
 COLLECTION

Sizes 600x1200mm 600x600mm	Surface Matt	Thickness ÷ 8.5mm
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#LAMINAR
 Vitrifed Tiles



SPECTRAL GREY
 VTR - 3004
 ∞ RANDOM



ATLANTIC CIOCCOLATO
 VTR - 3015
 ∞ RANDOM

* ∞ Random - Tile has multiple variations of the same design

Sizes
600x1200mm | 600x600mm

Surface
Matt

Thickness
÷ 8.5mm



BASALTINA GRIGEO
VTR - 3030
∞ RANDOM



BASALTINA BEIGE
VTR - 3029
∞ RANDOM

* ∞ Random - Tile has multiple variations of the same design



Wall : BASALTINA GRIGEO
Floor : BASALTINA BEIGE

MATT



Wall : CEMENTO GRICH
 Floor : DUNE GOLD

VITRONA
 COLLECTION

Sizes 600x1200mm 600x600mm	Surface Matt	Thickness ÷ 8.5mm
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#LAMINAR
 Vitrified Tiles



CEMENTO GRICH
 VTR - 3005
 ∞ RANDOM



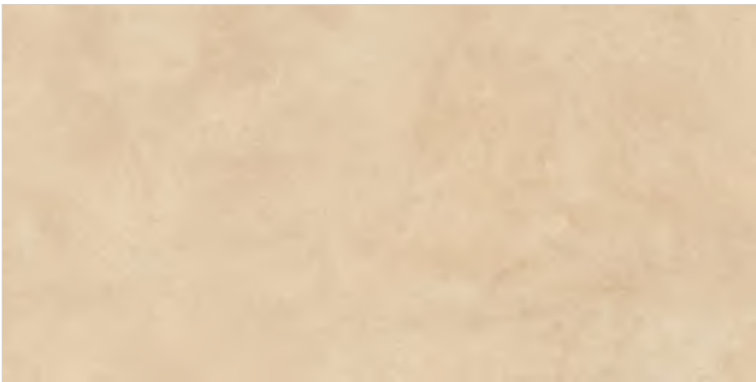
DUNE GOLD
 VTR - 3028
 ∞ RANDOM

* ∞ Random - Tile has multiple variations of the same design

Sizes
600x1200mm | 600x600mm

Surface
Matt

Thickness
÷ 8.5mm



DUNE CREAM
VTR - 3024
∞ RANDOM



DUNE VERDE
VTR - 3025
∞ RANDOM



Wall : DUNE CREAM
Floor : DUNE VERDE



Wall : VERTA CREMA
 Floor : VERTA BROWN

VITRONA
 COLLECTION

Sizes
 600x1200mm | 600x600mm

Surface
 Matt

Thickness
 8.5mm

LAMINAR
 Vitrified Tiles



VERTA CREMA
 VTR - 3013
 RANDOM



VERTA BROWN
 VTR - 3012
 RANDOM

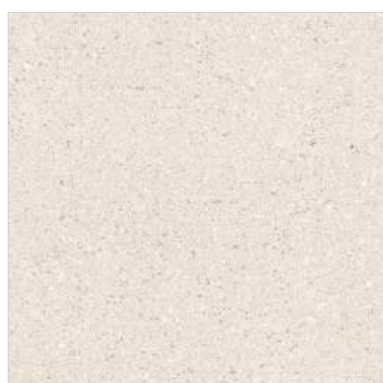
* Random - Tile has multiple variations of the same design

MATT

Sizes
600x1200mm | 600x600mm

Surface
Matt

Thickness
÷ 8.5mm

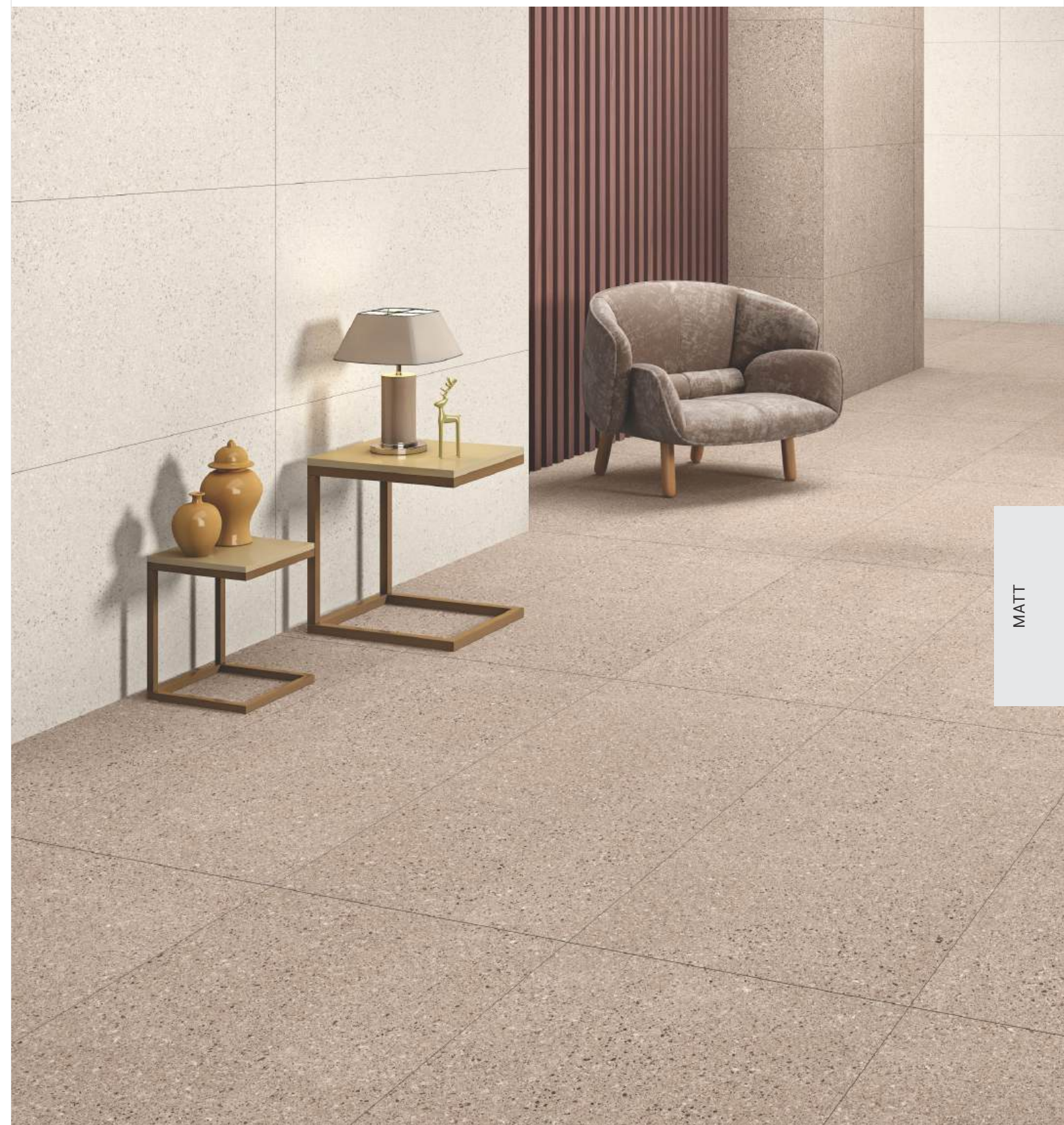


STEEL CREMA
VTR - 3011
∞ RANDOM



STEEL BROWN
VTR - 3010
∞ RANDOM

* ∞ Random - Tile has multiple variations of the same design



MATT

Wall : STEEL CREMA
Floor : STEEL BROWN



Wall : STEEL DARK
Floor : EGGER AZUL

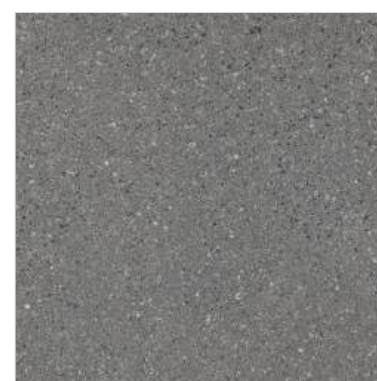
VITRONA COLLECTION

Sizes
600x1200mm | 600x600mm

Surface
Matt

Thickness
÷ 8.5mm

#LAMINAR
Vitrified Tiles



STEEL DARK
VTR - 3007

∞ RANDOM



EGGER AZUL
VTR - 3006

∞ RANDOM

* ∞ Random - Tile has multiple variations of the same design

MATT

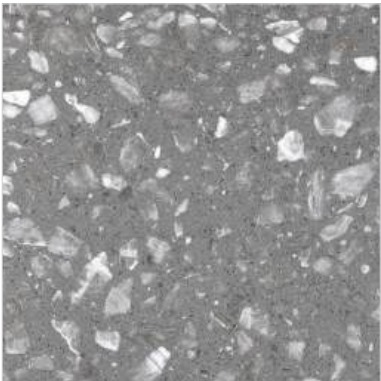
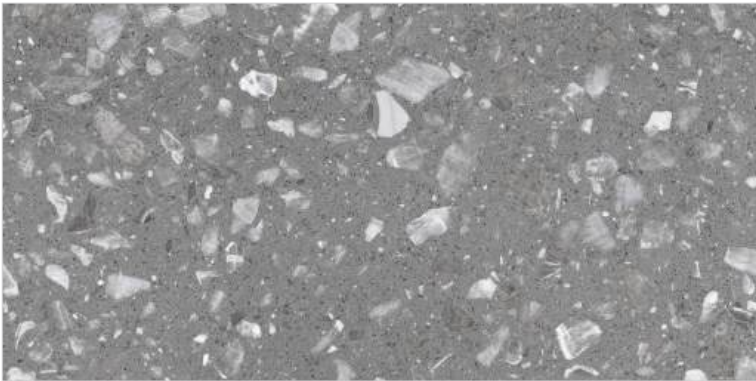
Sizes
600x1200mm | 600x600mm

Surface
Matt

Thickness
÷ 8.5mm



TERRASTONE WHITE
VTR - 3017
∞ RANDOM



TERRASTONE GREY
VTR - 3016
∞ RANDOM



Wall : TERRASTONE WHITE
Floor : TERRASTONE GREY

MATT

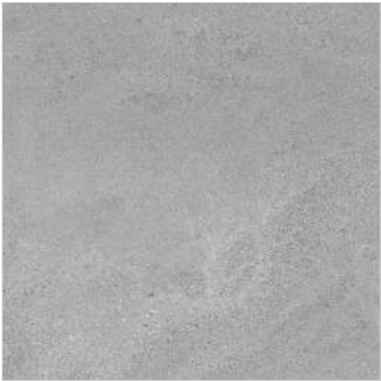


Wall : MOCHA ECRU DOVE
 Floor : MOCHA ECRU GREY

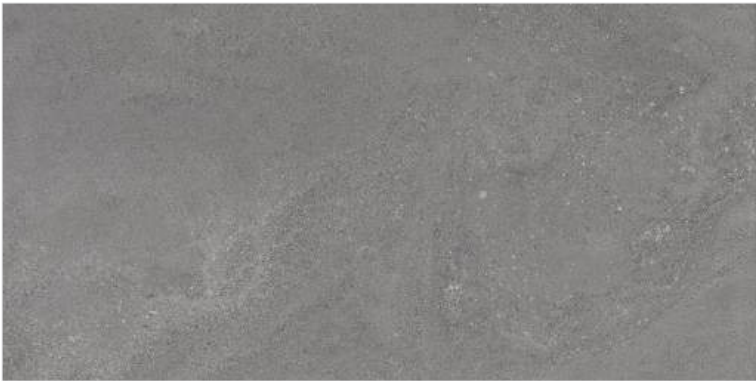
VITRONA
 COLLECTION

Sizes 600x1200mm 600x600mm	Surface Matt	Thickness ÷ 8.5mm
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#LAMINAR
 Vitrified Tiles



MOCHA ECRU DOVE
 VTR - 3026
 ∞ RANDOM



MOCHA ECRU GREY
 VTR - 3027
 ∞ RANDOM

* ∞ Random - Tile has multiple variations of the same design

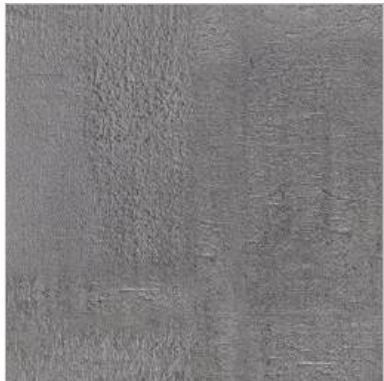
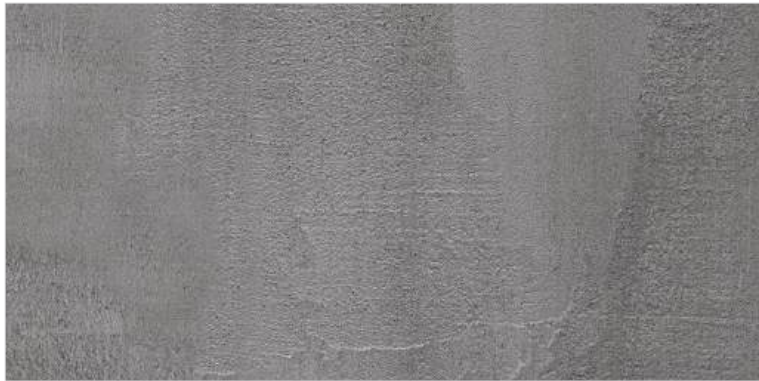
Sizes
600x1200mm | 600x600mm

Surface
Matt

Thickness
÷ 8.5mm



SAMANTO BIANCO
VTR - 3018
∞ RANDOM



SAMANTO GRISS
VTR - 3019
∞ RANDOM



Wall : SAMANTO BIANCO
Floor : SAMANTO GRISS

MATT



Wall : FUSION DK
Floor : FUSION LH

VITRONA
COLLECTION

Sizes
600x1200mm | 600x600mm

Surface
Matt

Thickness
÷ 8.5mm

#LAMINAR
Vitrified Tiles



FUSION LH
VTR - 3021
∞ RANDOM



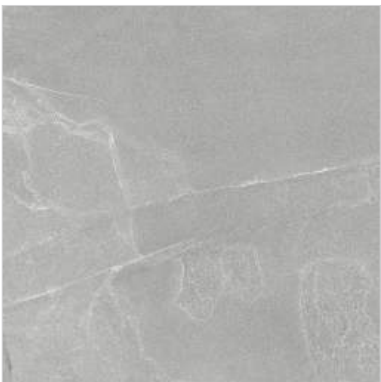
FUSION DK
VTR - 3020
∞ RANDOM

* ∞ Random - Tile has multiple variations of the same design

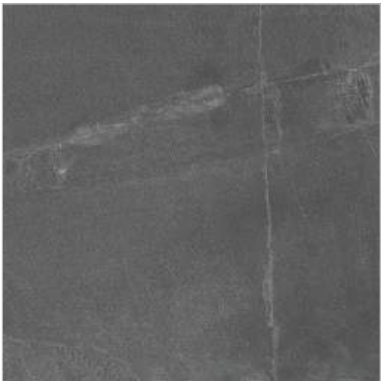
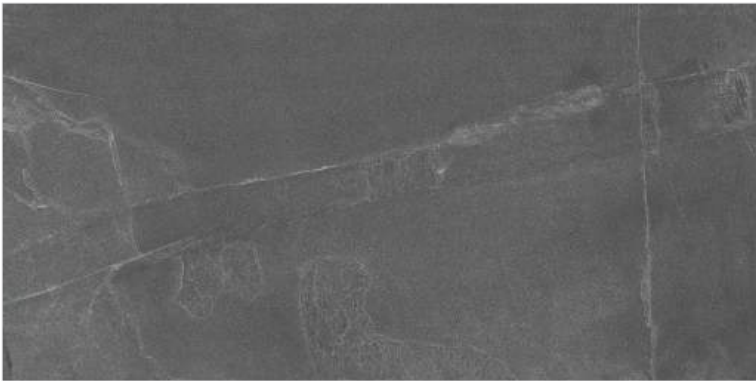
Sizes
600x1200mm | 600x600mm

Surface
Matt

Thickness
÷ 8.5mm



VERONE CHAIRO
VTR - 3022
∞ RANDOM



VERONE SCURO
VTR - 3023
∞ RANDOM



Wall : VERONE CHAIRO
Floor : VERONE SCURO



Decor : RETRORNA
Wall : VERONE CHAIRO
Floor : VERONE CHAIRO

Size
600x1200mm

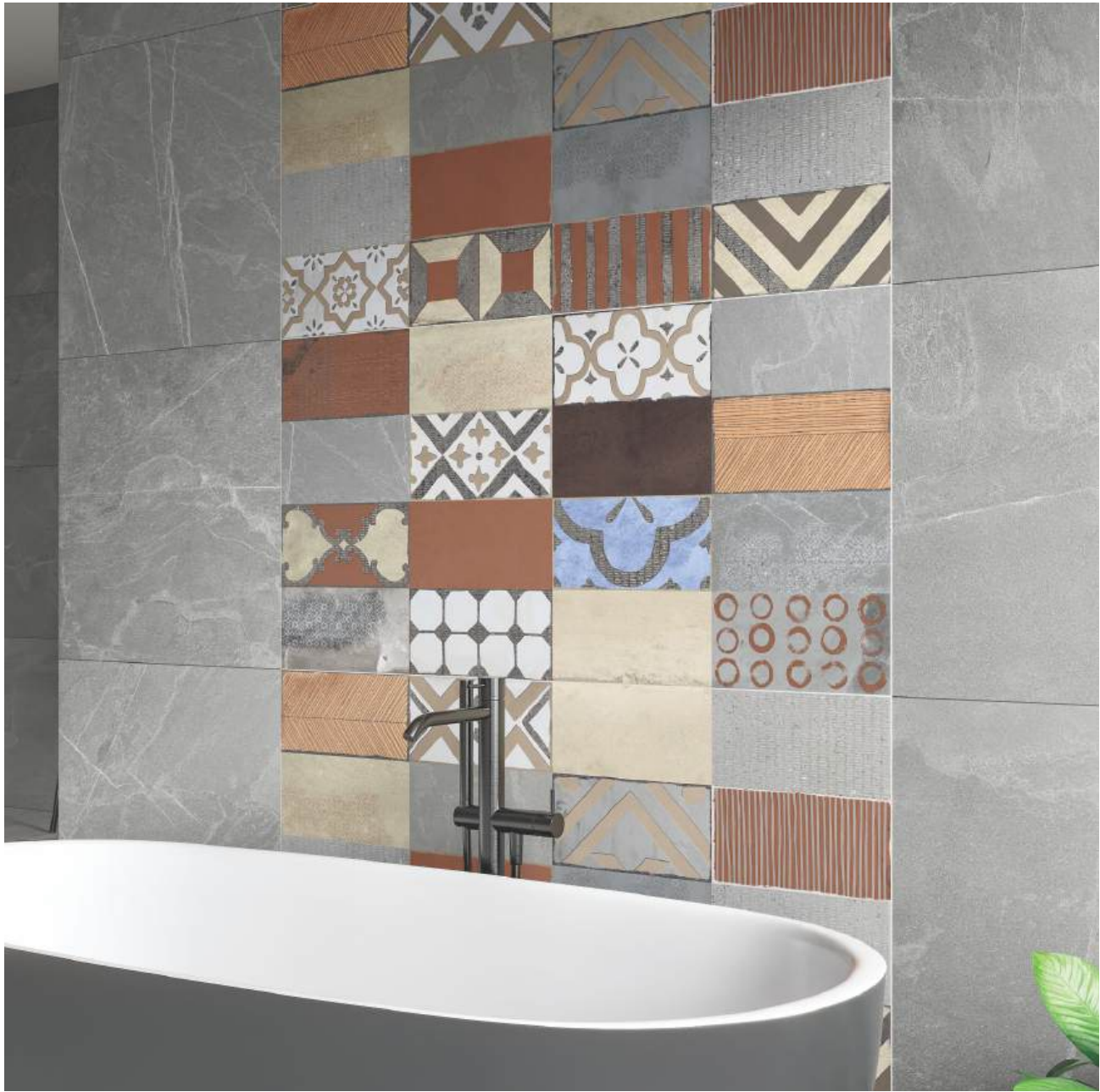
Surface
Matt

Thickness
8.5mm



RETORNA
VTR - D0123

✂ RANDOM



suggested
combination by
LAMINAR



FUSION LH
VTR - 3021

✂ RANDOM



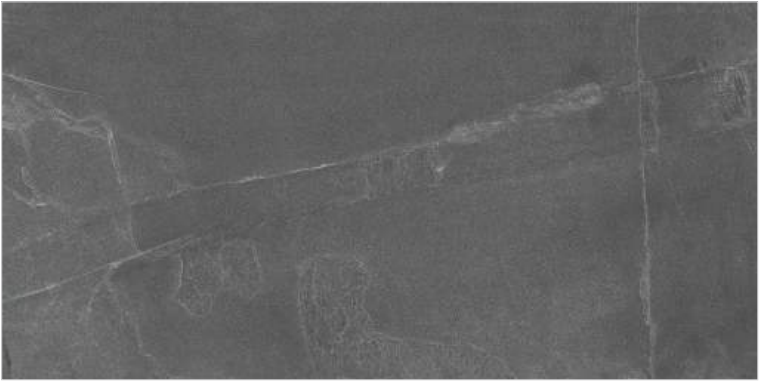
FUSION DK
VTR - 3020

✂ RANDOM



VERONE CHAIRO
VTR - 3022

✂ RANDOM



VERONE SCURO
VTR - 3023

✂ RANDOM

MATT DECOR

* ✂ Random - Tile has multiple variations of the same design



Decor : ANCESTRY
Wall : DUNE VERDE
Floor : DUNE CREAM

MATT DECOR

Size	Surface	Thickness
600x1200mm	Matt	8.5mm



ANCESTRY
VTR - D45



suggested
combination by
LAMINAR

DUNE CREAM
VTR - 3024
RANDOM



DUNE VERDE
VTR - 3025
RANDOM





Decor : PYRO
Wall : BASALTINA BEIGE
Floor : DUNE GOLD

Size
600x1200mm

Surface
Matt

Thickness
8.5mm



PYRO
VTR - D890



suggested
combination by
LAMINAR

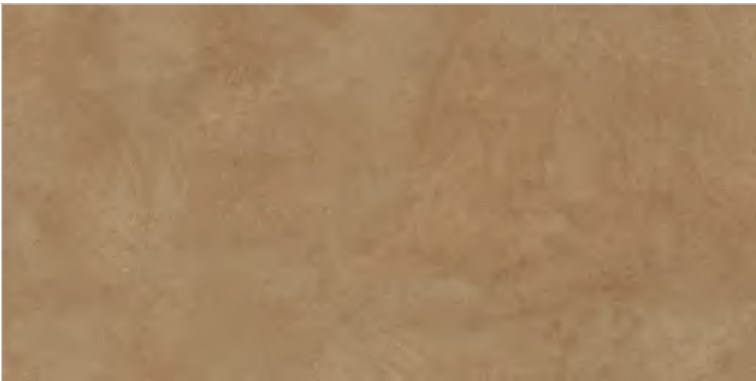
BASALTINA GRIGEO
VTR - 3030
RANDOM



BASALTINA BEIGE
VTR - 3029
RANDOM



DUNE GOLD
VTR - 3028
RANDOM

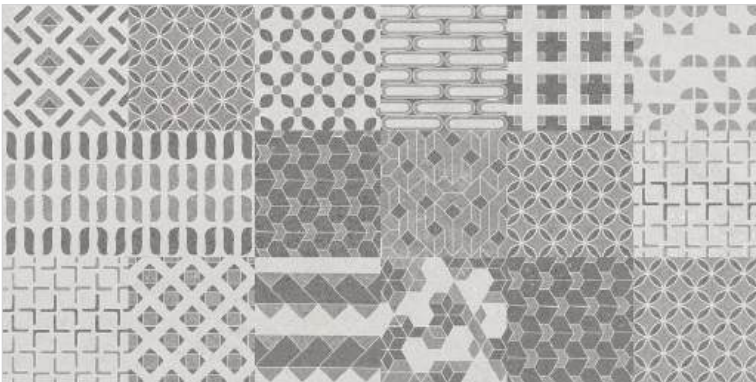


MATT DECOR



Decor : FEBRICART
 Wall : MOCHA ECRU DOVE & MOCHA ECRU GREY
 Floor : MOCHA ECRU GREY

Size	Surface	Thickness
600x1200mm	Matt	8.5mm



FEBRICART
VTR - D67
RANDOM

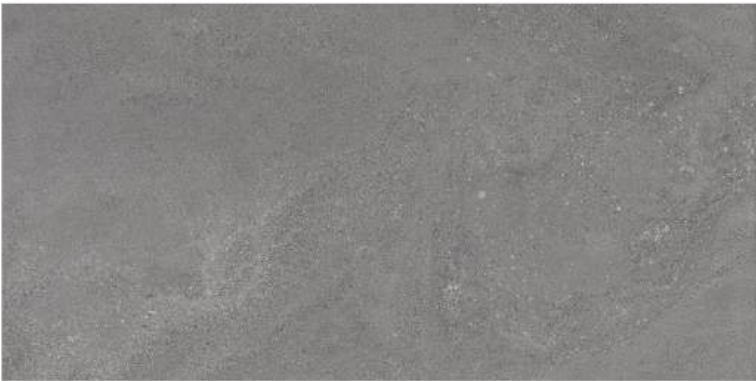


suggested
combination by
LAMINAR

MOCHA ECRU DOVE
VTR - 3026
RANDOM



MOCHA ECRU GREY
VTR - 3027
RANDOM





VITRONA
COLLECTION

MATT CARVING SURFACE

Vitrona Collection's Matt Carving surface, as the name suggests, adds precise negative reliefs on matt surfaces imbuing it with a sense of depth and dimension. The carving effect is sparingly applied in intricate and subtle patterns to evoke visual and tactile curiosity. The enhanced depth and shine add dynamism to your space bringing it to life.

FEATURES



Distinct
Touch & Feel



Scratch
Resistance



Minimal
Maintenance

APPLICATIONS



Residential
Wall



Residential
Floor



Bathroom
Wall



Bathroom
Floor



Balcony &
Terrace



Kitchen
Wall



Kitchen
Floor



Commercial
Area



Façade

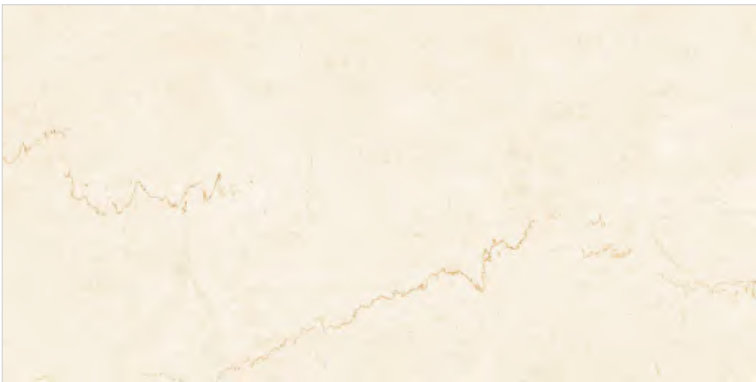


Wall : ALCORA PEACH
Floor : KEON GREY

Size
600x1200mm

Surface
Matt Carving

Thickness
8.5mm



ALCORA PEACH
VTR - 5003

✂️ RANDOM



KEON GREY
VTR - 5006

✂️ RANDOM



BRECIA PEACH
VTR - 5001

✂️ RANDOM



ALBA LUMINOSA
VTR - 5002

✂️ RANDOM

* ✂️ Random - Tile has multiple variations of the same design



Wall : BRECIA PEACH
Floor : ALBA LUMINOSA



Wall : BELLAGIO NATURALE & VIOLA SILK
Floor : VIOLA SILK



Wall : AURABI
Floor : AVLON GOLD

VITRONA COLLECTION

Size
600x1200mm

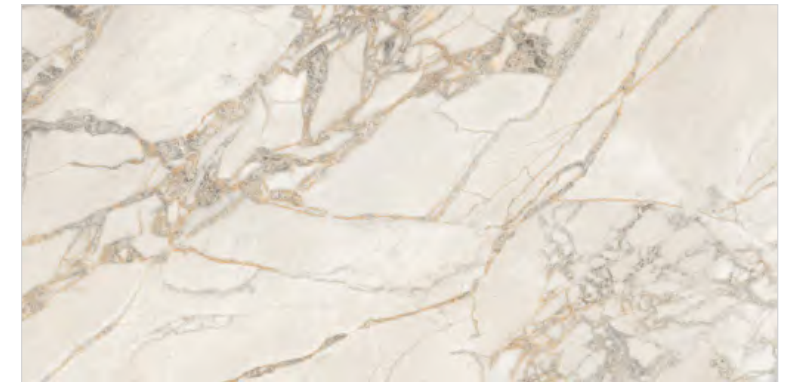
Surface
Matt Carving

Thickness
8.5mm

#LAMINAR
Vitrified Tiles

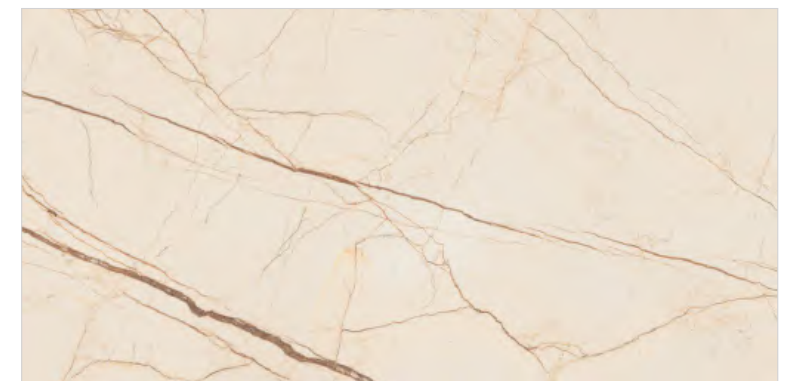
BELLAGIO NATURALE
VTR - 5005

✂ RANDOM



VIOLA SILK
VTR - 5004

✂ RANDOM



AURABI
VTR - 5007

✂ RANDOM



AVLON GOLD
VTR - 5008

✂ RANDOM



* ✂ Random - Tile has multiple variations of the same design

MATT CARVING

Size	Surface	Thickness
600x1200mm	Matt Carving	8.5mm



BAGLIO BROWN
VTR - 5009

✂ RANDOM



BAGLIO NERO
VTR - 5010

✂ RANDOM



Wall : BAGLIO BROWN & BAGLIO NERO
Floor : BAGLIO NERO

TECHNICALSPECIFICATIONS



GVT - VITRONA MATT

CHARACTERISTIC	UNITS	STANDARD AS PER ISO 13006:2018/ EN14411 Gr.Bla	STANDARD AS PER IS 15622:2017 Gr.Bla	MEAN VALUE OF LAMINAR	TESTING METHODS
REGULATORY PROPERTIES					
Deviation in Length and Width	mm	± 0.30% (±1.0MM)	± 0.10%	± 0.10%	ISO-10545-2/IS13630-1
Deviation in Thickness	mm	± 5.0% (±0.5MM)	± 5.0%	± 5.0%	ISO-10545-2/IS13630-1
Straightness in Side	mm	± 0.30% (±0.8MM)	± 0.10%	± 0.10%	ISO-10545-2/IS13630-1
Rectangularity	mm	± 0.30% (±1.5MM)	± 0.10%	± 0.10%	ISO-10545-2/IS13630-1
Surface Flatness Central Curvature	mm	± 0.40% (±1.8MM)	± 0.50%	± 0.20%	ISO-10545-2/IS13630-1
Surface Flatness Edge Curvature	mm	± 0.40% (±1.8MM)	± 0.50%	± 0.20%	ISO-10545-2/IS13630-1
Surface Flatness Edge Warpage	mm	± 0.40% (±1.8MM)	± 0.50%	± 0.10%	ISO-10545-2/IS13630-1
Surface Quality	-	95% defects Free	95% defects Free	95% defects Free	ISO-10545-2/IS13630-1
Glossiness - Matt	-	As per Manufacturer	As per Manufacturer	5≤ Glossy Value ≤14	GLOSS METER 60°
STRUCTURAL PROPERTIES					
Water Absorption	%	Ev≤ 0.5%	Ev≤ 0.08%	Ev≤ 0.08%	ISO-10545-3/IS13630-2
Bulk Density	Gm/Cc	2.2 Min	2.2	> 2.25	ISO-10545-3/IS13630-2
MECHANICAL PROPERTIES					
Modulus of Rupture	N/mm²	Min 35.0 N/mm²	Min 35.0 N/mm²	Min 38.0 N/mm²	ISO-10545-4/IS13630-6
Breaking Strength ≥ 8.5mm	N	Min 1300.0 N	Min 1300.0 N	Min 1700.0 N	ISO-10545-4/IS13630-6
SURFACE MECHANICAL PROPERTIES					
MOH’S Hardness #	-	As per Manufacturer	As per Manufacturer	Min. 5 - Max 7	BS EN 15771/IS 13630-13
Surface Abrasion Resistance	Class	As per Manufacturer	As per Manufacturer	Min Class II - Max Class V	ISO-10545-7/IS 13630-11
THERMAL HYDROMETRIC PROPERTIES					
Moisture Expansion	mm/m	Max 0.06% (0.6mm/m)	Max 0.02mm/m	Max 0.02mm/m	ISO-10545-10/IS13630-3
Thermal expansions (COE) at 100°C	x10 ⁻	As per Manufacturer	Max 6x10 ⁻⁶	Max 6x10 ⁻⁶	ISO-10545-8/IS13630-4
Thermal Shock Resistance	Cycles	Min 10 Cycles	Min 10 Cycles	Min 10 Cycles	ISO-10545-9/IS13630-5
Impact resistance (COR) #	-	Min 0.55	Min 0.55	Min 0.6	ISO-10545-5/IS13630-14
Crazing Resistance	-	As per Manufacturer	4 - Cycles	5 - Cycles	ISO-10545-11/IS13630-9
Frost Resistance	-	As per Manufacturer	As per Manufacturer	Frost Resistance	ISO-10545-12/IS13630-10
CHEMICAL PROPERTIES					
Resistance of staining glazed	Class	Min class 3	Min Class 1	Min Class - 4 / Min Class - 1	ISO-10545-14/IS13630-7
Resistance house hold chemical & swimming pool salts glazed	Class	Min Class GB	Min Class AA	Min Class GA / Min Class AA	ISO-10545-13/IS13630-8
Resistance to low concentration Acids and alkali acids	Class	As per Manufacturer	As per Manufacturer	Min Class GLB* / Min Class AA*	ISO-10545-13/IS13630-8
Resistance to high concentrate acids and alkalis Acids	Class	As per Manufacturer	As per Manufacturer	Min Class GHB*/ Min Class A*	ISO-10545-13/IS13630-8
SAFETY PROPERTIES					
Skid resistance - (DCOF - WET Pendulum)#	-	As per Manufacturer	As per Manufacturer	Min 0.5 / Max 0.6	ISO 10545-17

* Excepts Hydrofluoric Acid Its Compounds.
For Floor Tiles , As per Customer Requirements.

PACKING DETAILS

Size	Thickness	Pcs / Box	Coverage Area
600x1200mm	8.5mm	2 pcs	1.44 Square meter
600x600mm	8.5mm	4 pcs	1.44 Square meter

GVT - VITRONA MATT CARVING

CHARACTERISTIC	UNITS	STANDARD AS PER ISO 13006:2018/ EN14411 Gr.Bla	STANDARD AS PER IS 15622:2017 Gr.Bla	MEAN VALUE OF LAMINAR	TESTING METHODS
REGULATORY PROPERTIES					
Deviation in Length and Width	mm	± 0.30% (±1.0MM)	± 0.10%	± 0.10%	ISO-10545-2/IS13630-1
Deviation in Thickness	mm	± 5.0% (±0.5MM)	± 5.0%	± 5.0%	ISO-10545-2/IS13630-1
Straightness in Side	mm	± 0.30% (±0.8MM)	± 0.10%	± 0.10%	ISO-10545-2/IS13630-1
Rectangularity	mm	± 0.30% (±1.5MM)	± 0.10%	± 0.10%	ISO-10545-2/IS13630-1
Surface Flatness Central Curvature	mm	± 0.40% (±1.8MM)	± 0.50%	± 0.20%	ISO-10545-2/IS13630-1
Surface Flatness Edge Curvature	mm	± 0.40% (±1.8MM)	± 0.50%	± 0.20%	ISO-10545-2/IS13630-1
Surface Flatness Edge Warpage	mm	± 0.40% (±1.8MM)	± 0.50%	± 0.10%	ISO-10545-2/IS13630-1
Surface Quality	-	95% defects Free	95% defects Free	95% defects Free	ISO-10545-2/IS13630-1
Glossiness - Matt	-	As per Manufacturer	As per Manufacturer	5≤ Glossy Value ≤14	GLOSS METER 60°
STRUCTURAL PROPERTIES					
Water Absorption	%	Ev≤ 0.5%	Ev≤ 0.08%	Ev≤ 0.08%	ISO-10545-3/IS13630-2
Bulk Density	Gm/Cc	2.2 Min	2.2	> 2.25	ISO-10545-3/IS13630-2
MECHANICAL PROPERTIES					
Modulus of Rupture	N/mm²	Min 35.0 N/mm²	Min 35.0 N/mm²	Min 38.0 N/mm²	ISO- 10545-4/IS13630-6
Breaking Strength ≥ 8.5mm	N	Min 1300.0 N	Min 1300.0 N	Min 1700.0 N	ISO-10545-4/IS13630-6
SURFACE MECHANICAL PROPERTIES					
MOH’S Hardness #	-	As per Manufacturer	As per Manufacturer	Min. 5 - Max 7	BS EN 15771/IS 13630-13
Surface Abrasion Resistance	Class	As per Manufacturer	As per Manufacturer	Min Class II - Max Class V	ISO-10545-7/IS 13630-11
THERMAL HYDROMETRIC PROPERTIES					
Moisture Expansion	mm/m	Max 0.06% (0.6mm/m)	Max 0.02mm/m	Max 0.02mm/m	ISO-10545-10/IS13630-3
Thermal expansions (COE) at 100°C	x10 ⁻	As per Manufacturer	Max 6x10 ⁻⁶	Max 6x10 ⁻⁶	ISO-10545-8/IS13630-4
Thermal Shock Resistance	Cycles	Min 10 Cycles	Min 10 Cycles	Min 10 Cycles	ISO-10545-9/IS13630-5
Impact resistance (COR) #	-	Min 0.55	Min 0.55	Min 0.6	ISO-10545-5/IS13630-14
Crazing Resistance	-	As per Manufacturer	4 - Cycles	5 - Cycles	ISO-10545-11/IS13630-9
Frost Resistance	-	As per Manufacturer	As per Manufacturer	Frost Resistance	ISO-10545-12/IS13630-10
CHEMICAL PROPERTIES					
Resistance of staining glazed	Class	Min class 3	Min Class 1	Min Class - 4 / Min Class - 1	ISO-10545-14/IS13630-7
Resistance house hold chemical & swimming pool salts glazed	Class	Min Class GB	Min Class AA	Min Class GA / Min Class AA	ISO-10545-13/IS13630-8
Resistance to low concentration Acids and alkali acids	Class	As per Manufacturer	As per Manufacturer	Min Class GLB* / Min Class AA*	ISO-10545-13/IS13630-8
Resistance to high concentrate acids and alkalis Acids	Class	As per Manufacturer	As per Manufacturer	Min Class GHB*/ Min Class A*	ISO-10545-13/IS13630-8
SAFETY PROPERTIES					
Skid resistance - (DCOF - WET Pendulum)#	-	As per Manufacturer	As per Manufacturer	Min 0.5 / Max 0.6	ISO 10545-17

* Excepts Hydrofluoric Acid Its Compounds.
For Floor Tiles , As per Customer Requirements.

PACKING DETAILS

Size	Thickness	Pcs / Box	Coverage Area
600x1200mm	8.5mm	2 pcs	1.44 Square meter
600x600mm	8.5mm	4 pcs	1.44 Square meter

TECHNICALSPECIFICATIONS

PGVT - GLOSSY

CHARACTERISTIC	UNITS	STANDARD AS PER ISO 13006:2018/ EN14411 Gr.Bla	STANDARD AS PER IS 15622:2017 Gr.Bla	MEAN VALUE OF LAMINAR	TESTING METHODS
REGULATORY PROPERTIES					
Deviation in Length and Width	mm	± 0.30% (±1.0MM)	± 0.10%	± 0.10%	ISO-10545-2/IS13630-1
Deviation in Thickness	mm	± 5.0% (±0.5MM)	± 5.0%	± 5.0%	ISO-10545-2/IS13630-1
Straightness in Side	mm	± 0.30% (±0.8MM)	± 0.10%	± 0.10%	ISO-10545-2/IS13630-1
Rectangularity	mm	± 0.30% (±1.5MM)	± 0.10%	± 0.10%	ISO-10545-2/IS13630-1
Surface Flatness Central Curvature	mm	± 0.40% (±1.8MM)	± 0.50%	± 0.20%	ISO-10545-2/IS13630-1
Surface Flatness Edge Curvature	mm	± 0.40% (±1.8MM)	± 0.50%	± 0.20%	ISO-10545-2/IS13630-1
Surface Flatness Edge Warpage	mm	± 0.40% (±1.8MM)	± 0.50%	± 0.10%	ISO-10545-2/IS13630-1
Surface Quality	-	95% defects Free	95% defects Free	95% defects Free	ISO-10545-2/IS13630-1
Glossiness - Matt	-	As per Manufacturer	As per Manufacturer	90° ~ 95°	GLOSS METER 60°
STRUCTURAL PROPERTIES					
Water Absorption	%	Ev≤ 0.5%	Ev≤ 0.08%	Ev≤ 0.08%	ISO-10545-3/IS13630-2
Bulk Density	Gm/Cc	2.2 Min	2.2	> 2.25	ISO-10545-3/IS13630-2
MECHANICAL PROPERTIES					
Modulus of Rupture	N/mm²	Min 35.0 N/mm²	Min 35.0 N/mm²	Min 38.0 N/mm²	ISO-10545-4/IS13630-6
Breaking Strength ≥ 8.5mm	N	Min 1300.0 N	Min 1300.0 N	Min 1700.0 N	ISO-10545-4/IS13630-6
SURFACE MECHANICAL PROPERTIES					
MOH’S Hardness #	-	As per Manufacturer	As per Manufacturer	Min. 4 / Max 5	BS EN 15771/IS 13630-13
Surface Abrasion Resistance	Class	As per Manufacturer	As per Manufacturer	Min Class II - Max Class III	ISO-10545-7/IS 13630-11
THERMAL HYDROMETRIC PROPERTIES					
Moisture Expansion	mm/m	Max 0.06% (0.6mm/m)	Max 0.02mm/m	Max 0.02mm/m	ISO-10545-10/IS13630-3
Thermal expansions (COE) at 100°C	x10 ⁻	As per Manufacturer	Max 6x10 ⁻⁶	Max 6x10 ⁻⁶	ISO-10545-8/IS13630-4
Thermal Shock Resistance	Cycles	Min 10 Cycles	Min 10 Cycles	Min 10 Cycles	ISO-10545-9/IS13630-5
Impact resistance (COR) #	-	Min 0.55	Min 0.55	Min 0.6	ISO-10545-5/IS13630-14
Crazing Resistance	-	As per Manufacturer	4 - Cycles	5 - Cycles	ISO-10545-11/IS13630-9
Frost Resistance	-	As per Manufacturer	As per Manufacturer	Frost Resistance	ISO-10545-12/IS13630-10
CHEMICAL PROPERTIES					
Resistance of staining glazed	Class	Min class 3	Min Class 1	Min Class - 4 / Min Class - 1	ISO-10545-14/IS13630-8
Resistance house hold chemical & swimming pool salts glazed	Class	Min Class GB	Min Class AA	Min Class GB / Min Class AA	ISO-10545-13/IS13630-8
Resistance to low concentration Acids and alkali acids	Class	As per Manufacturer	As per Manufacturer	Min Class GLB* / Min Class AA*	ISO-10545-13/IS13630-8
Resistance to high concentrate acids and alkalis Acids	Class	As per Manufacturer	As per Manufacturer	Min Class GHB*/ Min Class B*	ISO-10545-13/IS13630-8
SAFETY PROPERTIES					
Skid resistance - (DCOF - WET Pendulum)#	-	As per Manufacturer	As per Manufacturer	Min 0.3 / Max 0.35	ISO 10545-17

* Excepts Hydrofluoric Acid Its Compounds.
For Floor Tiles , As per Customer Requirements.

PACKING DETAILS

Size	Thickness	Pcs / Box	Coverage Area
600x1200mm	8.5mm	2 pcs	1.44 Square meter
600x600mm	8.5mm	4 pcs	1.44 Square meter





Corporate Office:

Lumbini Ceramics Limited
4th Floor, Lal Durbar One, Narayanhiti Path,
Durbar Marg, Kathmandu, Nepal.
Google Plus Code: P87C+99 Kathmandu

Laminar Experience Centre:

1st Floor, Uttar Dhoka Road, Kathmandu, Nepal.
Google Plus Code: P89F+2MQ Kathmandu

Factory & Laminar Exhibition Centre:

Gulariya Nagarpalika-8, Bardiya, Nepal.
Google Plus Code: 59Q3+9VF Bardia

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