



1600x  
3200 mm

  
ADELE CERAMICA

**SENSE OF  
PERFECTION**





*The awakening  
Of Creative Artistry*

**Merakee**  
collections

Our new collection brings a new wave of artistry and creativity to the market. The dimensions are 1600x3200 mm, with a thickness of 12 mm. We manufacture under state-of-the-art technology, experienced professionals, and well-trained workers.

This collection speaks for itself. It is a melange of soft yet brilliant textures and patterns over distinctive shades under specific aesthetic colours. Our styles aim to illuminate your home and elevate it to another level of luxury.



## Features

As already mentioned, Adicon strives for excellence. Our surfaces require the lowest efforts in maintenance, are hygienic in nature, have strong qualities such as water resistance and liquid repellent, and have such strength that makes them to be impact & heat resistant in nature.

Furthermore, they have resistance against frost or extreme temperatures, scratches or abrasions, chemicals or stains, fire, bending or any pressure, and much more. Our features provide every comfort and luxury.



Lowest Maintenance Efforts



Antibacterial Surface / Hygienic Surface



Liquid Repellent And Water Resistant



Impact Resistant



Heat Resistant



Frost Resistant



Scratch Resistant And Abrasion Resistant



Chemical And Stain Resistant



Fire Resistant



Resistant To Bending

## Application Areas

This collection has such variants in designs and colours that it showcases that it can blend with many spaces in your lifestyle and home. Application areas include kitchen countertop, dining tables, bathtub, shelves, staircase, door and window frames, and much more.

We believe to be one-stop for improvising many areas of your home with artistically creative designs having a touch of luxury and sophistication. Our vision is to bring absolute satisfaction to you.



Kitchen counter top



Dining table



Table top



Bathtub



Shelves



Shower base



Vanity top



Wash basin



Staircase



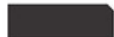
Door and window frame

## Edge Profiles

The unmatched strength of the ArchRock Collection allows you to establish a dynamic ambience in your spaces with fine detailing of the edges, which can be shaped into a plethora of profiles like half bullnose, square ridge, round ridge, and more. Enjoy a customized edge profile of your countertops, tabletops, and other design elements with the collection and personalize your spaces.



Micro bevel



Straight squared edge



Double straight squared edge



Rounded edge at 45°



Squared edge at 45°



Double straight rounded edge



Rounded straight edge



Half bullnose



Full bullnose



Demi bullnose

### Joint Possibilities



Birds beak



45° corner



Soft corner



### WHITE BODY | GREY BODY | BROWN BODY | BLACK BODY

Adiconcept has 4 variants in colours of the body of its surfaces - White, Grey, Brown and Black. All of the variants have differences only in colours and not in quality. Quality is maintained top notch with newest technology and advancement.

Adiconcept has established one of the most advanced and innovative slabs manufacturing units in India with the latest imported machinery, automated handling units, and advanced processes to lead in the ceramic industry through taking steps right along the ever-changing dynamic world.



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Face 1



Face 2



Face 2

Face 1

Book Match

### ACROPOLIS GRANO

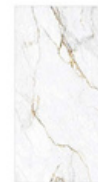
Size	: 1600x3200mm
Surface	: High Gloss
Thickness	: 12mm
Random	: O2 Face
Type	: White Body



Face 1



Face 2



Face 2

Face 1

Book Match

### APOLLO WHITE

Size	: 1600x3200mm
Surface	: High Gloss
Thickness	: 12mm
Random	: O2 Face
Type	: White Body

APOLLO WHITE  
High Gloss

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ceramics



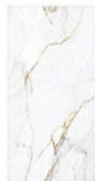
Merakee  
ceramics



Face 1



Face 2



Face 2

Face 1

## APOLLO WHITE

Size	: 1600x3200mm
Surface	: High Gloss
Thickness	: 12mm
Random	: 02 Face
Type	: White Body



Face 1



Face 2



Face 2

Face 1

## ARBESCATO

Size	: 1600x3200mm
Surface	: High Gloss
Thickness	: 12mm
Random	: 02 Face
Type	: White Body

ARBESCCATO  
High Gloss

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ceramics



Face 1



Face 2



Face 2



Face 1



Book Match

### ATLANTIC BIANCO

Size	: 1600x3200mm
Surface	: High Gloss
Thickness	: 12mm
Random	: 02 Face
Type	: White Body



Face 1



Face 2



Face 2



Face 1



### ATLANTIC BIANCO

Size	: 1600x3200mm
Surface	: High Gloss
Thickness	: 12mm
Random	: 02 Face
Type	: White Body

ATLANTIC BIANCO  
High Gloss

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DESIGN



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ceramics



Face 1



Face 2



Face 2

Face 1

Book Match

### BAOBAB FURRY

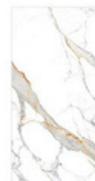
Size	: 1600x3200mm
Surface	: High Gloss
Thickness	: 12mm
Random	: O2 Face
Type	: White Body



Face 1



Face 2



Face 2

Face 1

Book Match

### CALACATTA BELISIMO

Size	: 1600x3200mm
Surface	: High Gloss
Thickness	: 12mm
Random	: O2 Face
Type	: White Body

BAOBOB FURRY  
High Gloss

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SOLUTIONS





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ceramics



Face 1



Face 2



Face 3



Face 1



### CALACATTA BELISIMO

Size	: 1600x3200mm
Surface	: High Gloss
Thickness	: 12mm
Random	: 03 Face
Type	: White Body

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ceramics



Face 1



Face 2



Face 2



Face 1



### CALACUTTA ROYALE

Size	: 1600x3200mm
Surface	: High Gloss
Thickness	: 12mm
Random	: 02 Face
Type	: White Body

Book Match

CALACUTTA ROYALE  
High Gloss

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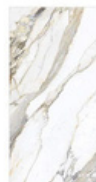
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ceramics



Face 1



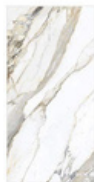
Face 2



Face 3



Face 1



### CALACUTTA ROYALE

Size	: 1600x3200mm
Surface	: High Gloss
Thickness	: 12mm
Random	: 03 Face
Type	: White Body



Face 1



Face 2



Face 2



Face 1



### CELESTE ONYX

Size	: 1600x3200mm
Surface	: High Gloss
Thickness	: 12mm
Random	: 02 Face
Type	: White Body



CELESTE ONYX  
High Gloss

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ceramics



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ceramics



Face 1



Face 2



Face 2



Face 1

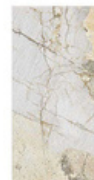
Book Match

## PATAGON STONE

Size	: 1600x3200mm
Surface	: High Gloss
Thickness	: 12mm
Random	: 02 Face
Type	: White Body



Face 1



Face 2



Face 2



Face 1

## PATAGONIA BIANCO

Size	: 1600x3200mm
Surface	: High Gloss
Thickness	: 12mm
Random	: 02 Face
Type	: White Body

PATAGONIA BIANCO  
High Gloss

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ceramics



Face 1



Face 2



Face 2



Face 1

Book Match

## PEARL WHITE

Size : 1600x3200mm  
Surface : High Gloss  
Thickness : 12mm  
Random : O2 Face  
Type : White Body



Face 1



Face 2



Face 2



Face 1

## PEARL WHITE

Size : 1600x3200mm  
Surface : High Gloss  
Thickness : 12mm  
Random : O2 Face  
Type : White Body



PEARL WHITE  
High Gloss

Merakee  
DESIGN

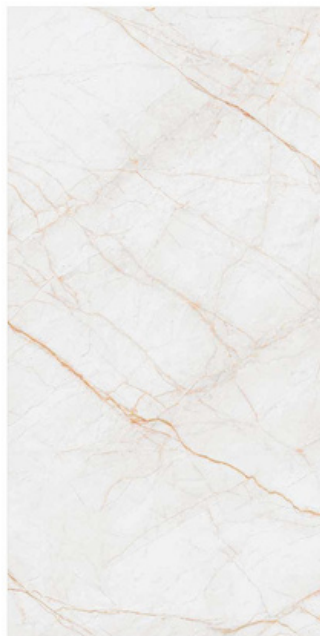




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Face 1



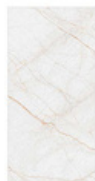
Face 2



Face 2



Face 1



## PINK VALENCIA

Size	: 1600x3200mm
Surface	: High Gloss
Thickness	: 12mm
Random	: 02 Face
Type	: White Body



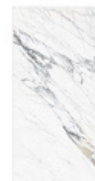
Face 1



Face 2



Face 2



Face 1



## STATUARIO MAGIA

Size	: 1600x3200mm
Surface	: High Gloss
Thickness	: 12mm
Random	: 02 Face
Type	: White Body

Book Match

PINK VALENCIA  
High Gloss

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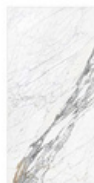
Merakee  
ceramics



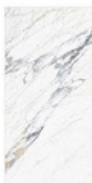
Merakee  
ceramics



Face 1



Face 2



Face 2

Face 1

### STATUARIO MAGIA

Size	: 1600x3200mm
Surface	: High Gloss
Thickness	: 12mm
Random	: 02 Face
Type	: White Body



Face 1



Face 2



Face 2

Face 1

### STATUARIO NATURAL

Size	: 1600x3200mm
Surface	: High Gloss
Thickness	: 12mm
Random	: 02 Face
Type	: White Body

STATUARIO NATURAL  
High Gloss

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www.merakee.com

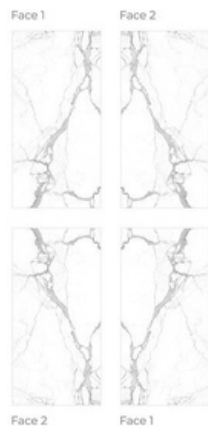




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ceramics



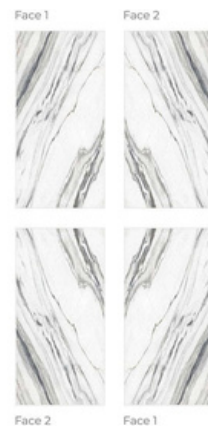
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ceramics



### STATUARIO NATURAL

Book Match

Size	: 1600x3200mm
Surface	: High Gloss
Thickness	: 12mm
Random	: O2 Face
Type	: White Body



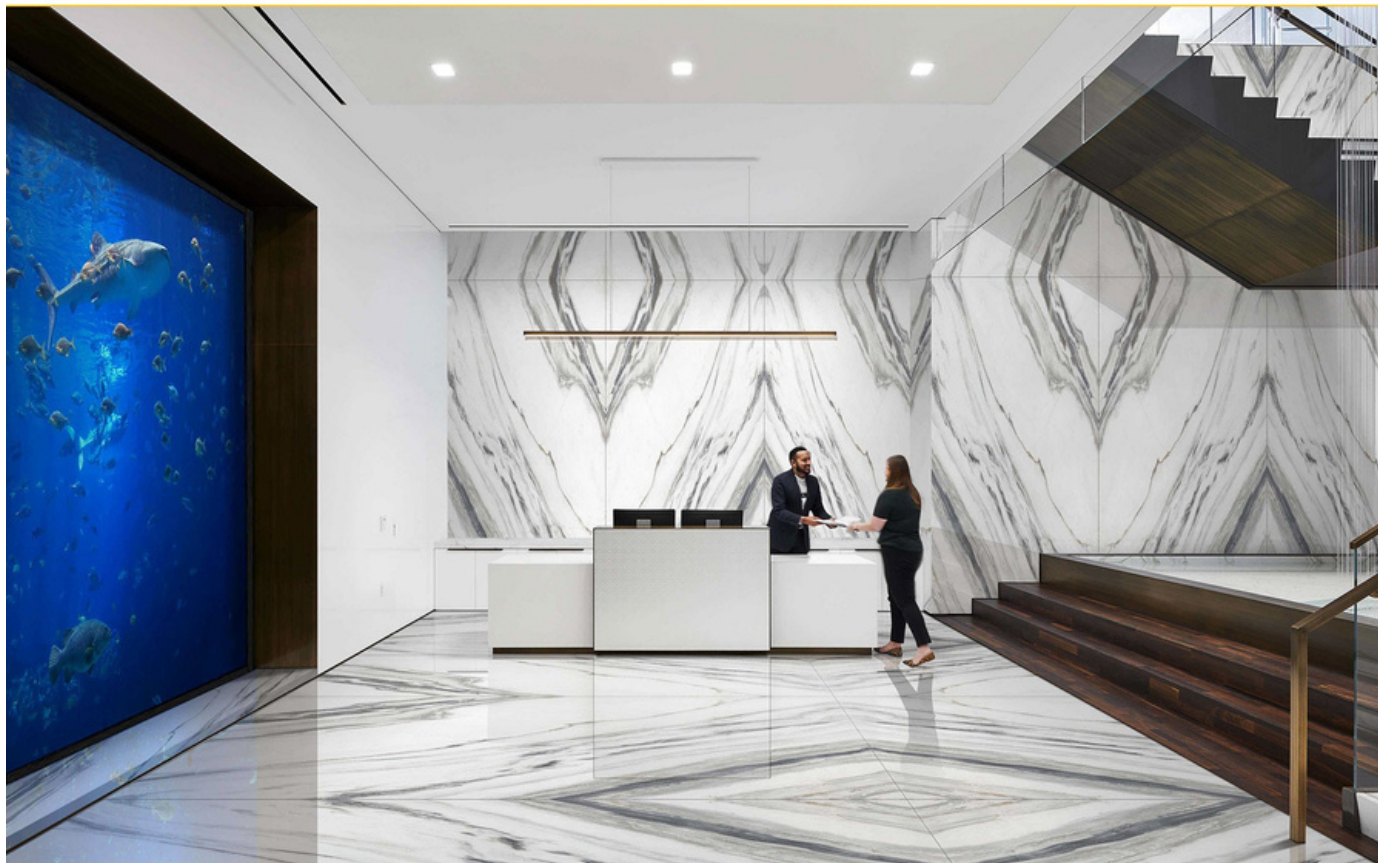
### STATUARIO SYMPHONY

Book Match

Size	: 1600x3200mm
Surface	: High Gloss
Thickness	: 12mm
Random	: O2 Face
Type	: White Body

STATUARIO SYMPHONY  
High Gloss

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ceramics



Face 1



Face 2



Face 2



Face 1



### STATUARIO TOH

Size	: 1600x3200mm
Surface	: High Gloss
Thickness	: 12mm
Random	: 02 Face
Type	: White Body



Face 1



Face 2



Face 2



Face 1



### STATUARIO TOH

Size	: 1600x3200mm
Surface	: High Gloss
Thickness	: 12mm
Random	: 02 Face
Type	: White Body

Book Match

STATUARIO TOH  
High Gloss

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DESIGN





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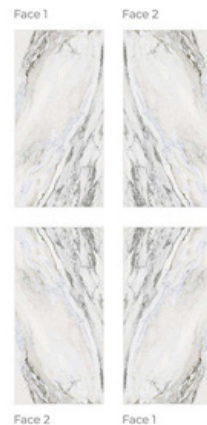
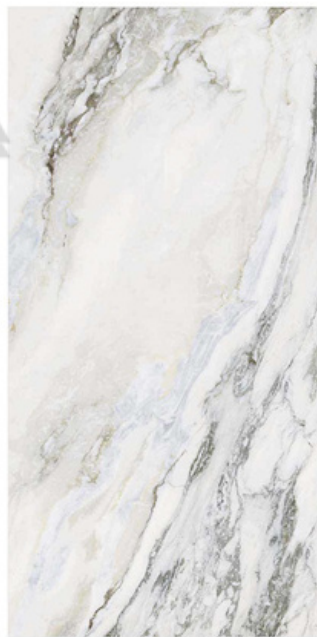


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ceramica



### TORSO BIANCO

Size	: 1600x3200mm
Surface	: High Gloss
Thickness	: 12mm
Random	: 02 Face
Type	: White Body



### VERONIC ARBESQUE

Size	: 1600x3200mm
Surface	: High Gloss
Thickness	: 12mm
Random	: 02 Face
Type	: White Body

Book Match

VERONIC ARBESQUE  
High Gloss

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ceramics



Merakee  
ceramics



Face 1



Face 2



Face 3



Face 1

### VERONIC ARBESQUE

Size	: 1600x3200mm
Surface	: High Gloss
Thickness	: 12mm
Random	: 03 Face
Type	: White Body



Face 1



Face 2



Face 2



Face 1

### CLOUDY ONYX

Size	: 1600x3200mm
Surface	: High Gloss
Thickness	: 12mm
Random	: 02 Face
Type	: Ivory Body

CLOUDY ONYX  
High Gloss

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ceramics



Face 1



Face 2



Face 2



Face 1



### ESTILLO ONYX

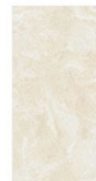
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Surface	: High Gloss
Thickness	: 12mm
Random	: 02 Face
Type	: Ivory Body



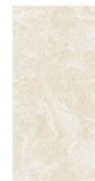
Face 1



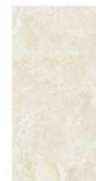
Face 2



Face 2



Face 1



### HONEY ONYX

Size	: 1600x3200mm
Surface	: High Gloss
Thickness	: 12mm
Random	: 02 Face
Type	: Ivory Body

ESTILLO ONYX  
High Gloss

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ceramics



Face 1



Face 2



Face 2



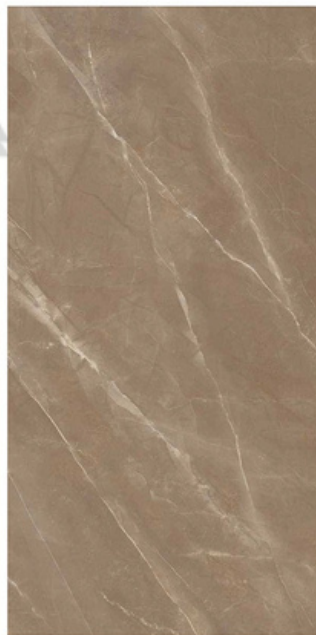
Face 1



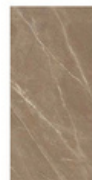
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Size : 1600x3200mm  
Surface : High Gloss  
Thickness : 12mm  
Random : 02 Face  
Type : Ivory Body

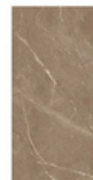
Merakee  
ceramics



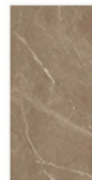
Face 1



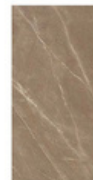
Face 2



Face 2



Face 1



### IMPERIO ARMANI MOCHA

Size : 1600x3200mm  
Surface : High Gloss  
Thickness : 12mm  
Random : 02 Face  
Type : Ivory Body



ILLUSION BRONZE  
High Gloss

Merakee  
ceramics.com





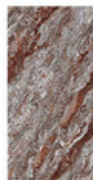
Merakee  
ceramics



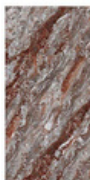
Merakee  
ceramics



Face 1



Face 2



Face 2

Face 1

### KRAZZY RETRO

Size	: 1600x3200mm
Surface	: High Gloss
Thickness	: 12mm
Random	: 02 Face
Type	: Ivory Body



Face 1



Face 2



Face 2

Face 1

### OCEANO ONYX

Size	: 1600x3200mm
Surface	: High Gloss
Thickness	: 12mm
Random	: 02 Face
Type	: Ivory Body

OCEANO ONYX  
High Gloss

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ceramics



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ceramics



### TRAVERTINO SAND

Size : 1600x3200mm  
Surface : High Gloss  
Thickness : 12mm  
Random : 02 Face  
Type : Ivory Body



### TURKEY ONYX

Size : 1600x3200mm  
Surface : High Gloss  
Thickness : 12mm  
Random : 01 Face  
Type : Ivory Body



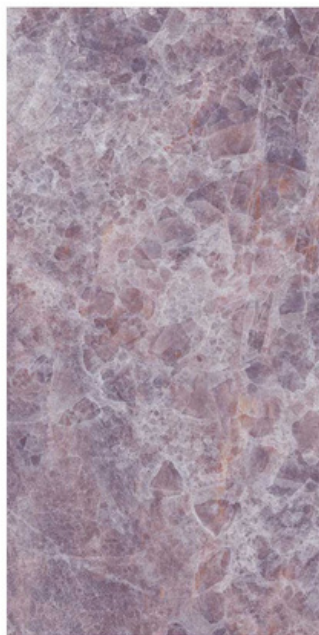
TURKEY ONYX  
High Gloss

Merakee  
SOLUTIONS

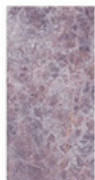




Merakee  
ceramics



Face 1



Face 2



Face 2



Face 1



### VIOLA ONYX

Size	: 1600x3200mm
Surface	: High Gloss
Thickness	: 12mm
Random	: 02 Face
Type	: Ivory Body

Merakee  
ceramics



Face 1



Face 2



Face 2



Face 1

### BOTANIC BLACK

Size	: 1600x3200mm
Surface	: High Gloss
Thickness	: 12mm
Random	: 02 Face
Type	: Grey Body

VIOLA ONYX  
High Gloss

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ceramic.com



Merakee  
ceramics



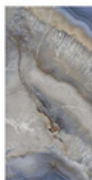
Merakee  
ceramics



Face 1



Face 2



Face 2



Face 1

### BOTANIC BLUE

Size : 1600x3200mm  
Surface : High Gloss  
Thickness : 12mm  
Random : 02 Face  
Type : Grey Body



Face 1



Face 2



Face 2



Face 1

### CRYSTAL ONYX

Size : 1600x3200mm  
Surface : High Gloss  
Thickness : 12mm  
Random : 02 Face  
Type : Grey Body



BOTANIC BLACK  
High Gloss

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interiors

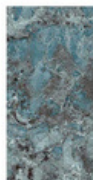




Merakee  
ceramics



Face 1



Face 2



Face 2



Face 1

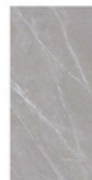
## AMAZONITE

Size	: 1600x3200mm
Surface	: High Gloss
Thickness	: 12mm
Random	: 02 Face
Type	: Grey Body

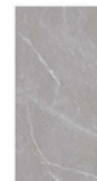
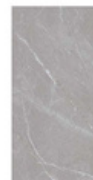
Merakee  
ceramics



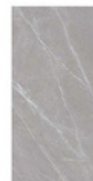
Face 1



Face 2



Face 2



Face 1

## IMPERIO ARMANI GREY

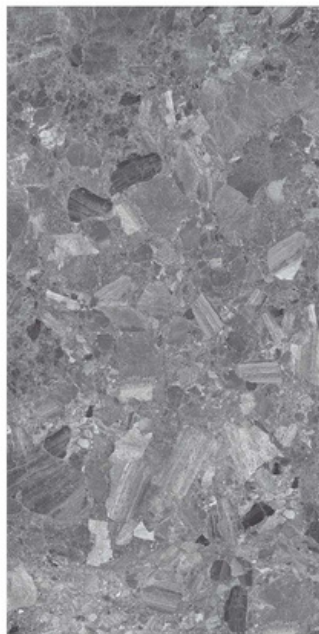
Size	: 1600x3200mm
Surface	: High Gloss
Thickness	: 12mm
Random	: 02 Face
Type	: Grey Body

AMAZONITE  
High Gloss

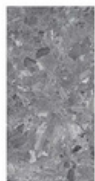
Merakee  
ceramics.com



Merakee  
ceramics



Face 1



Face 2



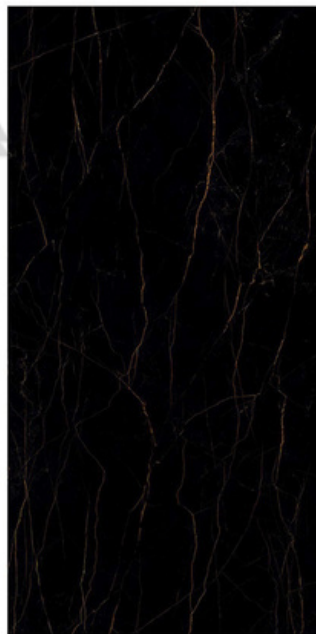
Face 2

Face 1

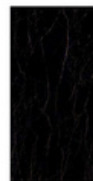
### SONATA GREY

Size : 1600x3200mm  
Surface : High Gloss  
Thickness : 12mm  
Random : 02 Face  
Type : Grey Body

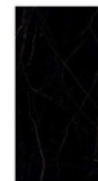
Merakee  
ceramics



Face 1



Face 2



Face 2

Face 1

### BLACK NOIR

Size : 1600x3200mm  
Surface : High Gloss  
Thickness : 12mm  
Random : 02 Face  
Type : Black Body



SONATA GREY  
High Gloss

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ceramic.com

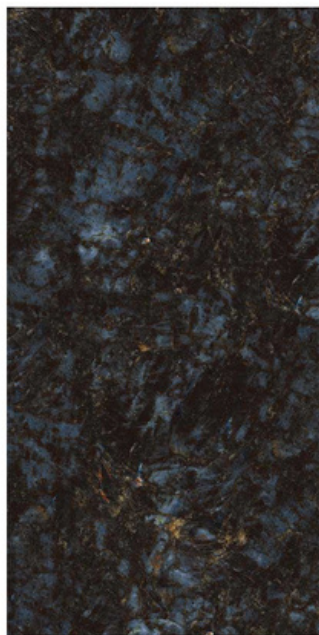




Merakee  
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Merakee  
ceramics



Face 1



Face 1

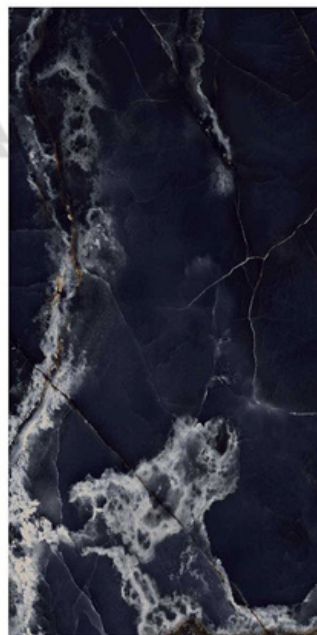


Face 1

Face 1

### MARQUS AQUA

Size : 1600x3200mm  
Surface : High Gloss  
Thickness : 12mm  
Random : 01 Face  
Type : Black Body



Face 1



Face 2



Face 2

Face 1

### THUNDER NIGHT

Size : 1600x3200mm  
Surface : High Gloss  
Thickness : 12mm  
Random : 02 Face  
Type : Black Body

MARQUS AQUA  
High Gloss

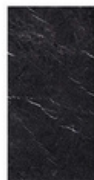
Merakee  
ceramics.com



Merakee  
ceramics



Face 1



Face 2



Face 2

Face 1

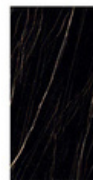
## WILLIAM NERO

Size : 1600x3200mm  
Surface : High Gloss  
Thickness : 12mm  
Random : 02 Face  
Type : Black Body

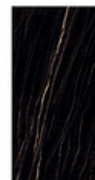
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Face 1



Face 2



Face 2

Face 1

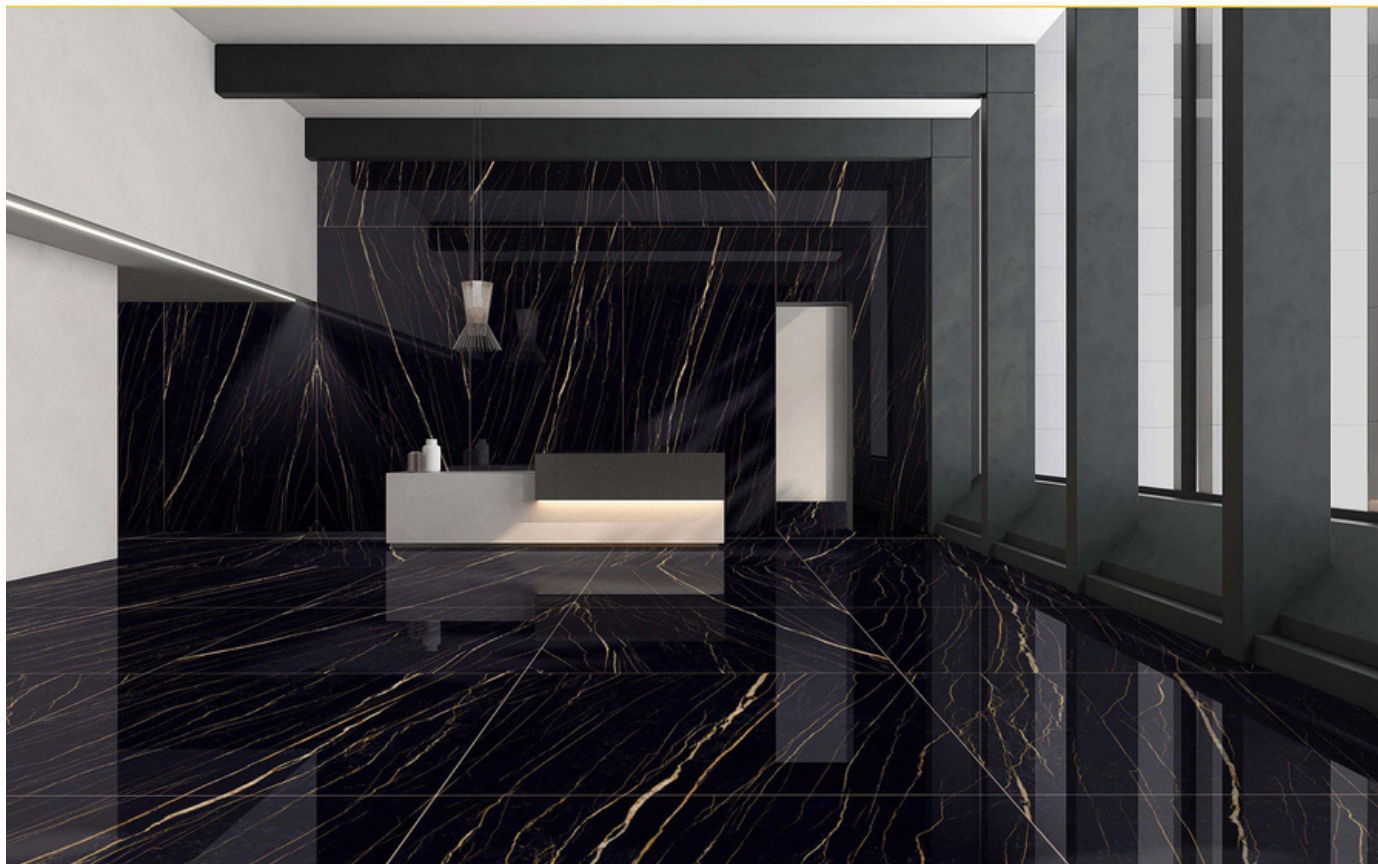
## BLACK GOLD

Size : 1600x3200mm  
Surface : High Gloss  
Thickness : 12mm  
Random : 02 Face  
Type : Black Body



BLACK GOLD  
High Gloss

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ceramics



ADELE CERAMICA

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ceramics



Face 1



Face 2



Face 2

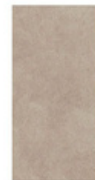
Face 1

### DAZZLE BROWN

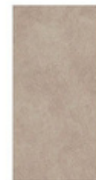
Size : 1600x3200mm  
Surface : Matt  
Thickness : 12mm  
Random : 02 Face  
Type : Ivory Body



Face 1



Face 2



Face 2

Face 1

### JAVA CAMEL

Size : 1600x3200mm  
Surface : Matt  
Thickness : 12mm  
Random : 02 Face  
Type : Ivory Body

ADELE CERAMICA

DAZZLE BROWN  
Matt

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ceramics



Merakee  
ceramics



Face 1



Face 2



Face 2

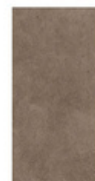
Face 1

### JAVA CREMA

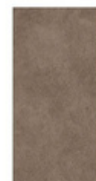
Size : 1600x3200mm  
Surface : Matt  
Thickness : 12mm  
Random : 02 Face  
Type : Ivory Body



Face 1



Face 2



Face 2

Face 1

### JAVA TOBBACO

Size : 1600x3200mm  
Surface : Matt  
Thickness : 12mm  
Random : 02 Face  
Type : Ivory Body

JAVA CREMA  
Matt

Merakee  
ceramiche





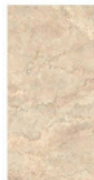
Merakee  
ceramics



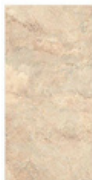
Merakee  
ceramics



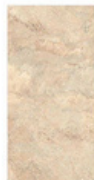
Face 1



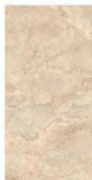
Face 2



Face 2



Face 1



### MARRAZI SAND

Size : 1600x3200mm  
Surface : Matt  
Thickness : 12mm  
Random : 02 Face  
Type : Ivory Body



Face 1



Face 2



Face 2



Face 1



### PLUTO SMOKE

Size : 1600x3200mm  
Surface : Matt  
Thickness : 12mm  
Random : 02 Face  
Type : Ivory Body

PLUTO SMOKE  
Matt

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ceramic.com



Merakee  
ceramics



Merakee  
ceramics



Face 1



Face 2



Face 2

Face 1

### PLUTO TOBBACO

Size : 1600x3200mm  
Surface : Matt  
Thickness : 12mm  
Random : 02 Face  
Type : Ivory Body



Face 1



Face 2



Face 2

Face 1

### TRAVERTINO SAND

Size : 1600x3200mm  
Surface : Matt  
Thickness : 12mm  
Random : 02 Face  
Type : Ivory Body



PLUTO TOBBACO  
Matt

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interiors





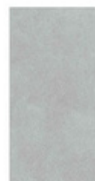
Merakee  
ceramics



Merakee  
ceramics



Face 1



Face 2



Face 2

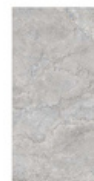
Face 1

### JAVA GRIS

Size : 1600x3200mm  
Surface : Matt  
Thickness : 12mm  
Random : 02 Face  
Type : Grey Body



Face 1



Face 2



Face 2

Face 1

### MARRAZI GREY

Size : 1600x3200mm  
Surface : Matt  
Thickness : 12mm  
Random : 02 Face  
Type : Grey Body

JAVA GRIS  
Matt

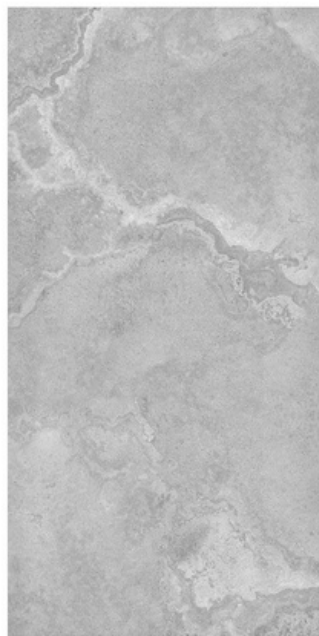
Merakee  
ceramic.com



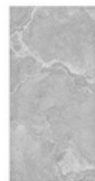
Merakee  
ceramics



Merakee  
ceramics



Face 1



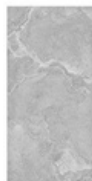
Face 2



Face 2



Face 1



### PLUTO GRIS

Size : 1600x3200mm  
Surface : Matt  
Thickness : 12mm  
Random : 02 Face  
Type : Grey Body



Face 1



Face 2



Face 2



Face 1

### TRAVERTINO ASH

Size : 1600x3200mm  
Surface : Matt  
Thickness : 12mm  
Random : 02 Face  
Type : Grey Body

PLUTO GRIS  
Matt

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Merakee  
ceramics



Face 1



Face 2



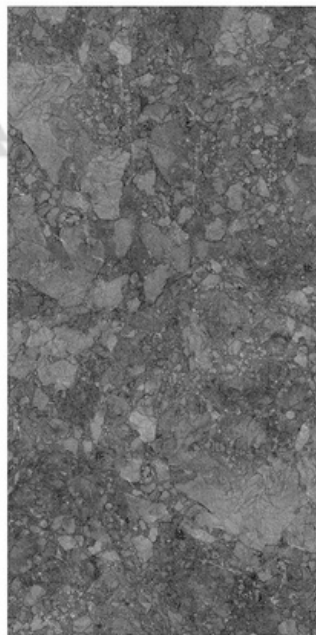
Face 2

Face 1

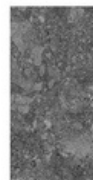
## DAZZLE NERO

Size : 1600x3200mm  
Surface : Matt  
Thickness : 12mm  
Random : 02 Face  
Type : Black Body

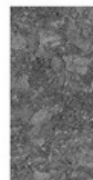
Merakee  
ceramics



Face 1



Face 2



Face 2

Face 1

## STONIA NERO

Size : 1600x3200mm  
Surface : Matt  
Thickness : 12mm  
Random : 02 Face  
Type : Black Body

DAZZLE NERO  
Matt

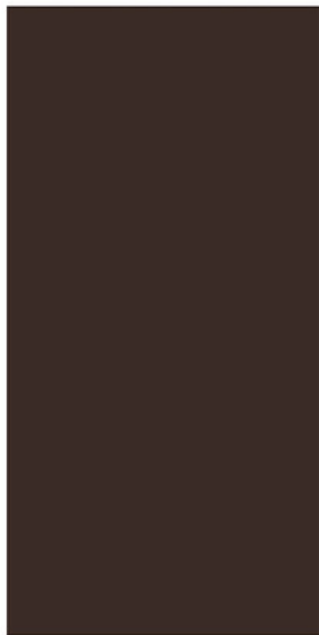
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ceramics



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ceramics



#### CINNAMON

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Size : 1600x3200mm  
Surface : Matt & Glossy  
Thickness : 12mm  
Type : Full Body



#### STEEL GREY

---

Size : 1600x3200mm  
Surface : Matt & Glossy  
Thickness : 12mm  
Type : Full Body

CINNAMON  
Matt & Glossy

Merakee  
ceramics

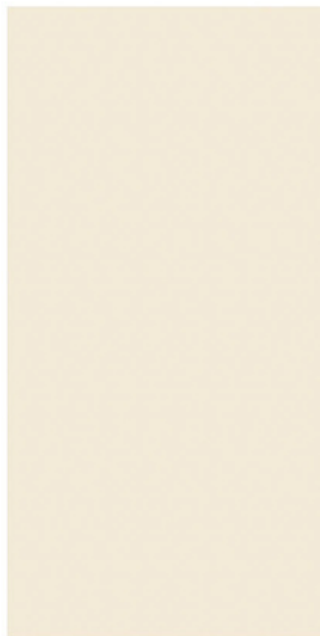




Merakee  
ceramics



Merakee  
ceramics



## BONE

---

Size : 1600x3200mm  
Surface : Matt & Glossy  
Thickness : 12mm  
Type : Full Body



## BRONZE

---

Size : 1600x3200mm  
Surface : Matt & Glossy  
Thickness : 12mm  
Type : Full Body

BRONZE  
Matt & Glossy

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ceramic.com





Merakee  
ceramics

Merakee  
ceramics

## GREY

---

Size : 1600x3200mm  
Surface : Matt & Glossy  
Thickness : 12mm  
Type : Full Body

## PEWTER

---

Size : 1600x3200mm  
Surface : Matt & Glossy  
Thickness : 12mm  
Type : Full Body

GREY  
Matt & Glossy

Merakee  
interiors

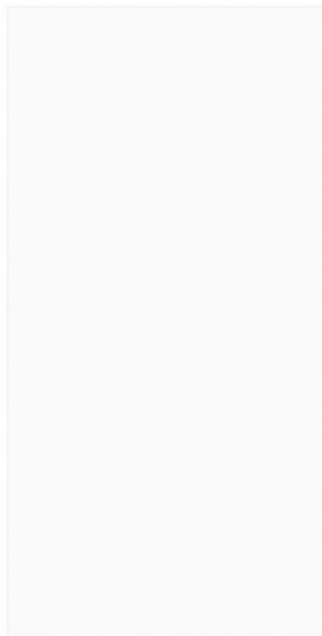




Merakee  
ceramics



Merakee  
ceramics



#### SOLID BIANCO

---

Size : 1600x3200mm  
Surface : Matt & Glossy  
Thickness : 12mm  
Type : Full Body



#### VENTA BLACK

---

Size : 1600x3200mm  
Surface : Matt & Glossy  
Thickness : 12mm  
Type : Full Body

VENTA BLACK  
Matt & Glossy

Merakee  
interiors



## CLEANING & MAINTENANCE



High-quality raw materials, rigorous production parameters, and world-class technology at Adicon make the exclusive offering nonporous and thus no dust or deposited waste penetrates the surface. The no-maintenance surfaces require only a damp cloth for cleaning. Routine and recurring cleaning spotlights the aesthetic features of the surfaces and keeps the surfaces shining. For cleaning contamination and stains caused by some common food and other material follow the table below:

TYPE OF STAIN	CHEMICAL PRODUCT	EXAMPLE
Grease	Alkaline - Solvent	Detergent
Oil	Solvent	Ammonia, Baking Soda
Ink	Oxidant - Solvent	Alcohol, Liquid Bleach, Nail Paint Remover
Rust	Acid	Hydrochloric Acid, Vinegar, Red Harpic
Lime	Acid	Descaling Reagent, Hydro Chloric Acid
Cement	Acid	Hydro Chloric Acid
Wine	Alkaline	Ammonia, Liquid Bleach
Coffee	Alkaline - Solvent	Ammonia, Liquid Bleach
Rubber	Solvent	Alcohol, Thinner
Plaster	Acid	Hydro Chloric Acid
Candle Wax	Solvent	Alcohol, Thinner
Iodine	Oxidant	Liquid Bleach
Blood	Oxidant	Liquid Bleach
Ice Cream	Alkaline	Liquid Bleach

Note: It is recommended that any kind of stain needs to get clean immediately / as soon as possible.

## TECHNICAL SPECIFICATION

CHARACTERISTIC	STANDARD AS PER ISO15045:2016/ EN1443 G-BIa	STANDARD AS PER IS 16222:2017 G-BIa	MEAN VALUE OF ADICON	METHOD OF TESTING
<b>Regulatory Properties</b>				
Deviation in Length and Width	± 0.30 % ( 1.00 mm)	± 0.10 %	± 0.10 %	ISO 10545-2/IS 13630-1
Deviation in Thickness	± 0.10 % ( 0.30 mm)	± 0.10 %	± 0.10 %	ISO 10545-2/IS 13630-1
Straightness in Side	± 0.30 % ( 0.60 mm)	± 0.10 %	± 0.10 %	ISO 10545-2/IS 13630-1
Rectangularity	± 0.30 % ( 1.50 mm)	± 0.10%	± 0.10 %	ISO 10545-2/IS 13630-1
Surface Flatness Central Curvature	± 0.40 % ( 1.80 mm)	± 0.50 %	± 0.50 %	ISO 10545-2/IS 13630-1
Surface Flatness Edge Curvature	± 0.40 % ( 1.80 mm)	± 0.50 %	± 0.20 %	ISO 10545-2/IS 13630-1
Surface Flatness Warpage	± 0.40 % ( 1.80 mm)	± 0.50 %	± 0.10 %	ISO 10545-2/IS 13630-1
Surface Quality	100% defects free	100% defects free	100% defects free	ISO 10545-2/IS 13630-1
Small Color Difference (For Plain Colour)	ΔE < 1.00	N/A.	ΔE < 0.80	ISO 10545-16
Glossiness ( Polished)	As per Manufacturer	As per Manufacturer	> 90	Class Meter 60
Glossiness (Satin/Proof)	As per Manufacturer	As per Manufacturer	7 + Class Value + 25	Class Meter 60
<b>Structural Properties</b>				
Water Absorption	< 0.50 %	< 0.80 %	< 0.80 %	ISO 10545-3/IS 13630-2
Bulk Density	As per Manufacturer	Min 2.30 g/cc	> 2.38 gm/cc	ISO 10545-3/IS 13630-2
<b>Massive Mechanical Properties</b>				
Modulus of Rupture	Min. 35.0 N/mm <sup>2</sup>	Min. 35.0 N/mm <sup>2</sup>	Min. 40.0 N/mm <sup>2</sup>	ISO 10545-4/IS 13630-4
Breaking Strength Thickness > 35 mm	Min 19000 N	Min 19000 N	Min 60000 N	ISO 10545-4/IS 13630-4
<b>Surface Mechanical Properties</b>				
MOH S Hardness #	As per Manufacturer	Min. 5	Polished Min 4** Satin & Proof Min 6	BS EN 1077/IS 13630-13
Surface Abrasion Resistance #	As per Manufacturer	Min. Class II	Polished Min 10** Satin & Proof Min 10	ISO 10545-10/IS 13630-10
<b>Thermal Hygrometric Properties</b>				
Milittle Expansion	Max. 0.60 (0.6 mm/m)	Max. 0.62 mm/m	Max. 0.62 mm/m	ISO 10545-10/IS 13630-3
Thermal Expansion(COE) at 100 C	As per Manufacturer	Max. 6.0 × 10 <sup>-6</sup>	Max. 6.0 × 10 <sup>-6</sup>	ISO 10545-10/IS 13630-4
Thermal Shock Resistance	Min 10 Cycle	Min 10 Cycle	Min 10 Cycle	ISO 10545-8/IS 13630-5
Impact Resistance(COE) #	Min. 0.55	Min. 0.55	Min. 0.55	ISO 10545-13/IS 13630-14
Frost Resistance	As per Manufacturer	As per Manufacturer	Frost Proof	ISO 10545-13/IS 13630-10
Creeping Resistance at 3.5 bar	4 Cycle	4 Cycle	4 Cycle	ISO 10545-10/IS 13630-9
<b>Chemical Properties</b>				
Resistance to Staining Glazed	Min. Class 3	Min. Class 1	Min. Class 3 (Min. Class 1	ISO 10545-14/IS 13630-8
Resistance to Household Chemicals & Swimming Pool Salts - Glazed	Min. Class GB	Min. Class AA	Min. Class GB/Min. Class AA	ISO 10545-15/IS 13630-8
Resistance to Low Concentrate Acid and Alkali Glazed	As per Manufacturer	As per Manufacturer	Min. Class GB** Min. Class A**	ISO 10545-12/IS 13630-8
Resistance to High Concentrate Acid and Alkali Glazed	As per Manufacturer	As per Manufacturer	Min. Class GB*** Min. Class A**	ISO 10545-12/IS 13630-8
<b>Safety Properties</b>				
Slip Resistance - (DCOF-WET PENDULUM)	As per Manufacturer	As per Manufacturer	Slippery DCOF/Proof/PSI	BS 7976-2
Slip Resistance - (Satin/Proof) (DCOF - R Value JKR)	As per Manufacturer	As per Manufacturer	R9 to R10	EN 15330
Lead and Cadmium release	As per Manufacturer	N/A.	Does not yield Pb or Cd	ISO 10545-15

\* Whichever is Lower

\*\* With nano technology (polished Vitrified tiles) Depending on Application area (low or high intensity of traffic)

\*\*\* Except Hydrofluoric Acid & it's compound

# Tiles Intended for use on Floor | #9 For Floor Tiles, per customer requirement



Opp.CNG Pump, Jetpur Road, At. Bela, Morbi-363642

Gujarat, India

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[WWW.ADELECERAMICA.COM](http://WWW.ADELECERAMICA.COM)