

**SUNHEART**  
CERAMIK

**QUANTIKO**  
GLAZED VITRIFIED TILES

**120x180cm**  
9mm THICKNESS

**COLLECTION 2024**

(for BALAJI CERAMICS STUDIO-MUMBAI)

# SUNHEARRT INTRODUCTION

## Path-breaking innovations with a Promise of quality!

Inspired in collection, and unmatched in design; Sunhearrt, a brand by Sunshine Tiles Company Pvt. Ltd., through its novel technology and product introductions, is leading the Ceramic industry to achieve a peerless national and global reputation in becoming a single-stop solution for any space amplification.

Penetrating the industry with an ever-expanding portfolio, Sunhearrt has now diversified its core strength of Ceramics, and Vitrified tiles into GVT/PVT, Porcelain, Sanitaryware, as well as a range of complete Tiling Solutions.

## Elevating spaces, uplifting surface experience!

Reshaping spaces by constantly enhancing surroundings with new possibilities. Sunhearrt promises the amalgamation of innovation and style, crafting high-end ceramic excellence. It is about taking space to a higher level, making it more appealing and adaptive.

Our focus lies in transcending the ordinary, where every tile, every design, echoes the essence of sophistication and durability. Sunhearrt stands as a beacon for those seeking not just elegance but an enduring legacy woven into the very fabric of their spaces.

## Company strength and achievements that defines our place in the industry.



AMONG **TOP 10** CERAMIC BRANDS IN INDIA



ONE OF **THE LARGEST TILE EXPORTERS**, CONSECUTIVELY FOR THE LAST 6 YEARS



**14+ SIZES** IN 5000+ DESIGNS



PRESENCE IN **60+ COUNTRIES**



**25 MILLION SQM.** MANUFACTURING CAPACITY/ANNUM



THE FIRST COMPANY IN THE CERAMIC INDUSTRY WITH **3-STAR EXPORT HOUSE**



**1195+** BUSINESS PARTNERS



INVESTMENTS IN **RENEWABLE ENERGY**



## Tiles

Flooring the extensions of your dream space, tiles from Sunhearrt are a great addition to every ambience. With their simplistic elegance and finesse, our tiles introduce modernity and grandeur by manufacturing the best alternatives and replacements to natural surfaces. This collection, thence, is the perfect choice for 'architecting' the spectacular!

# DESIGN INSPIRATION

Inspired by the majesty of grand terrains, the Quantiko Collection by Sunheartt is created with an art philosophy that uplifts your spaces with a rustic demeanor. Bolder, bigger, and brilliant, the collection embodies the fusion of natural allure with technological precision to suit modern-day architectural needs. Through natural and organic design elements, it evokes a sense of fulfillment and contentment within your spaces.



The Quantiko Collection is inspired by the earthly simplicity formed by the terrain's rich artistry, rawness and beauty of natural landscapes. Delicately unique, these elements introduce a sense of countryside opulence into your environs. Employing an exceptionally refined design approach, every surface element echoes the intricate blend of tones and textures found in the natural landscape, ensuring each tile possesses its charm while faithfully mirroring nature's nuances, enriching the enchantment of its craftsmanship.



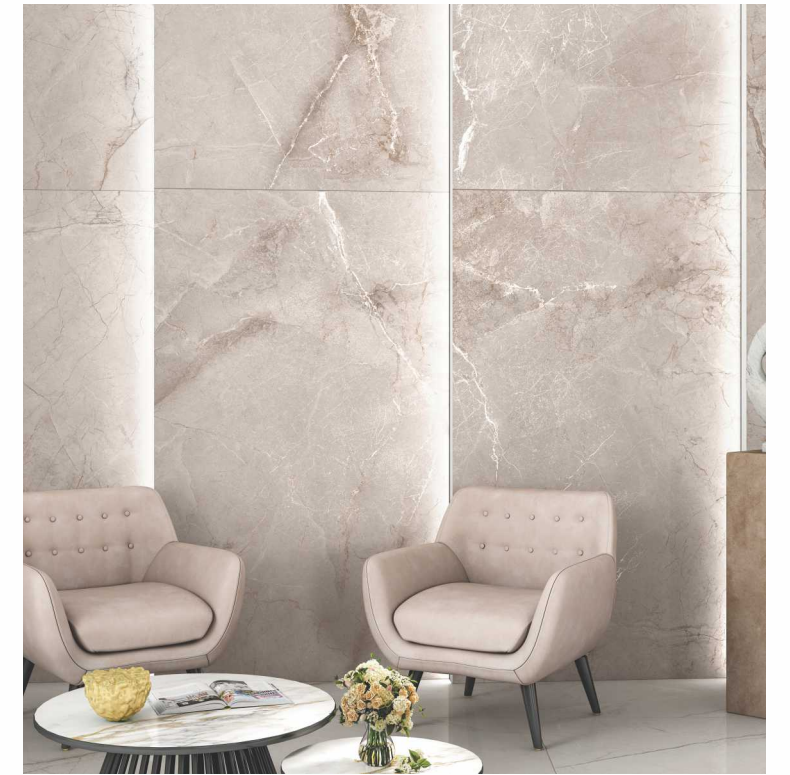
The Quantiko Collection conveys a significant past while embracing a versatile, modern style, maintaining a seamless harmony between beauty and exceptional design. Crafted to transform spaces into sanctuaries with its tactile feel and organic essence. The beauty of Quantiko Surfaces lies in their natural and unparalleled

# INTRODUCTION

The essence of this collection's design philosophy is crafting intricately textured surfaces that subtly elevate spaces with an organic appearance and unique beauty. These surfaces are imbued with advanced functionality, fostering admiration while maintaining a natural allure that is custom-tailored.



**QUANTIKO**  
120x180cm – 9mm THICKNESS



**QUANTIKO**  
GLAZED VITRIFIED TILES

Redefine your space with the exclusive Quantiko surfaces manufactured using superior technology and high specification standards. These surfaces elevate the magnanimity of spaces with their robust strength, durability and timeless elegance. Whether your design is intricate or simple, geometric and recurrent or sedate or audacious, these colossal tiles fit in all architectural concepts with ease making them an asset addition to your spaces.

#### DYNAMIC DIMENSIONS

The structural features and versatile designs in big size allow a notable reduction of joints and also give designers and architects free rein to use their creativity.

#### TECHNO-RICH FEATURES

Created with the latest technology and advanced features make them a premium value-addition to the project.

#### INCREDIBLE RESILIENCE

These surfaces are extremely robust and highly resilient to wear. They are great for high-traffic environments and add class that can last for a long time.

#### DURABLE COMPOSITION

Modern methods enable features like zero-porosity, chemical resistance, and high tensile strength that resist breakage.

# SIZE & THICKNESS



## COLOSSAL SIZE COUNTLESS POSSIBILITIES

The colossal format of 120x180cm showcases versatility where imagination knows no bounds. The size offers design flexibility, making spaces look visually striking.

### GREAT AMBIANCE

The mammoth size of these surfaces creates the effect of huge spaces, giving an air of openness and lightness, empowering innovation.

### DIVERSE USES

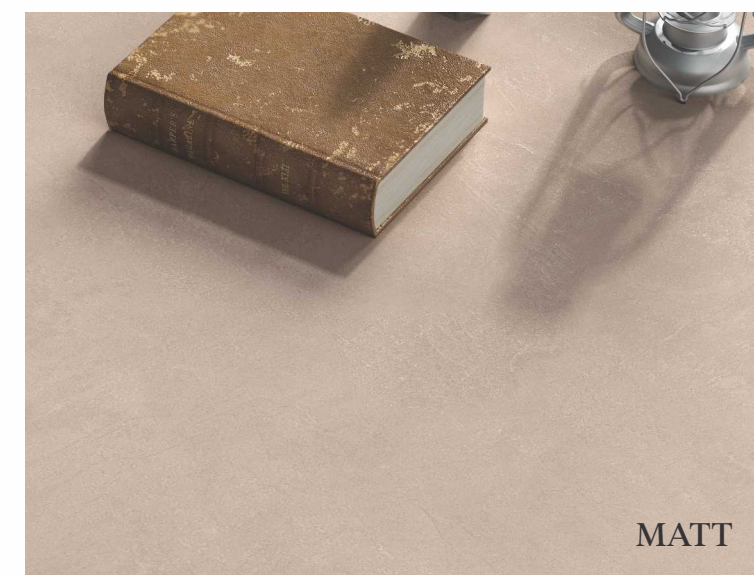
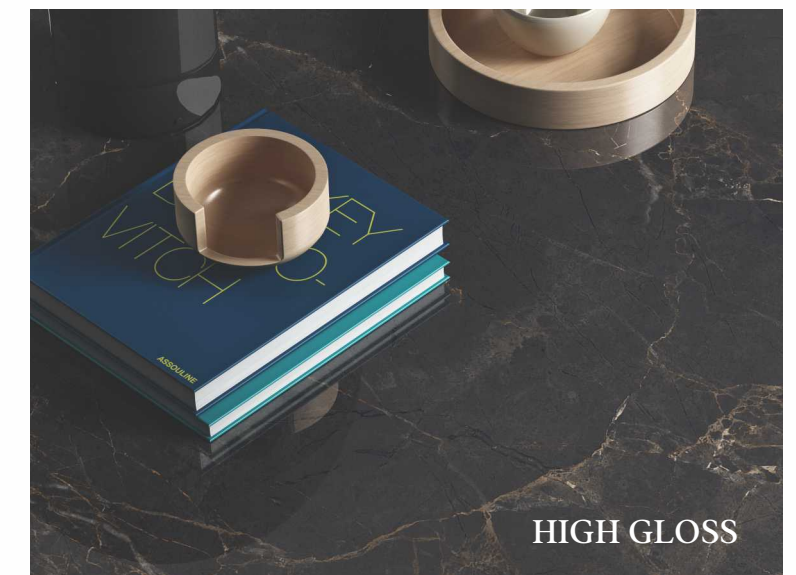
The big size offers a variety of application possibilities like furniture, backsplash, and many more potential uses.

### SEAMLESS LOOK

Due to the large size of the slabs, there are fewer grout lines, making the space appear bigger and better.

### LESS UPKEEP

These surfaces are befitting for urban life as they demand minimal upkeep with features like water, heat, stain resistance, and much



The versatile finishes and array of textures elevate the touch and captivate the sense with a distinct feel in refined hues. These surfaces enrich spaces, creating an organic ambiance that brings you closer to the natural world.

## ADVANTAGES & FEATURES

100% NATURAL & RECYCLABLE



HYGIENIC SURFACE

DIMENSIONAL STABILITY

RESISTANT TO ICE & FROST

SCRATCH & IMPACT RESISTANT

This Collection is an ideal choice to revamp space with techno-rich features like easy to clean, color stability, resistance to water, fire, scratch, temperature, abrasion, stain and much more. Also, these surfaces remain unaffected by UV rays, upkeeping spaces in all-new condition.

## ADVANTAGES



EASY TO CLEAN



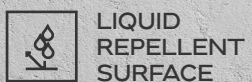
ABRASION RESISTANT



BENDING STRENGTH



WATER RESISTANT



LIQUID REPELLENT SURFACE



COLOR STABILITY



FIRE & HIGH TEMPERATURE RESISTANT



UNALTERABLE TO UV RAYS

## APPLICATIONS

The Quantiko Collection is brimming with diverse features, providing a plethora of application options, catering perfectly to the urban architectural requirements of

### COMMERCIAL



GYM



MALL & SHOPPING COMPLEX



OFFICE



SPA



BANK



CAFÉ & RESTAURANT



AIRPORT



HOTEL

### PUBLIC



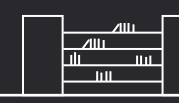
RAILWAY



METROS



HOSPITAL



LIBRARY



BUS STAND



GOVERNMENT BUILDING



SCHOOL

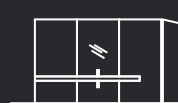


RELIGIOUS PLACES

### RESIDENTIAL



LIVING ROOM



BATHROOM



KITCHEN



DINING AREA



STUDY ROOM



CHILDREN'S ROOM



BEDROOM



TV ROOM



Wall  
ANIMA GREY  
120x180cm  
GLOSSY

Floor  
ANIMA GREY  
120x180cm  
GLOSSY



Wall  
ANIMA BEIGE  
120x180cm  
GLOSSY

Floor  
ANIMA BEIGE  
120x180cm  
GLOSSY

**EXPRESS COLLECTION**  
120x180cm -9mm THICKNESS

## ANIMA BEIGE



Finish Glossy  
Random 4 Face  
Collection Express Collection



## ANIMA GREY



Finish Glossy  
Random 4 Face  
Collection Express Collection



## ANIMA SILVER



Finish Glossy  
Random 4 Face  
Collection Express Collection



## PRESTIGE BLANCO



Finish Glossy  
Random 4 Face  
Collection Quantiko Glossy





## VIVIAN BEIGE



Finish Glossy  
Random 4 Face  
Collection Express Collection

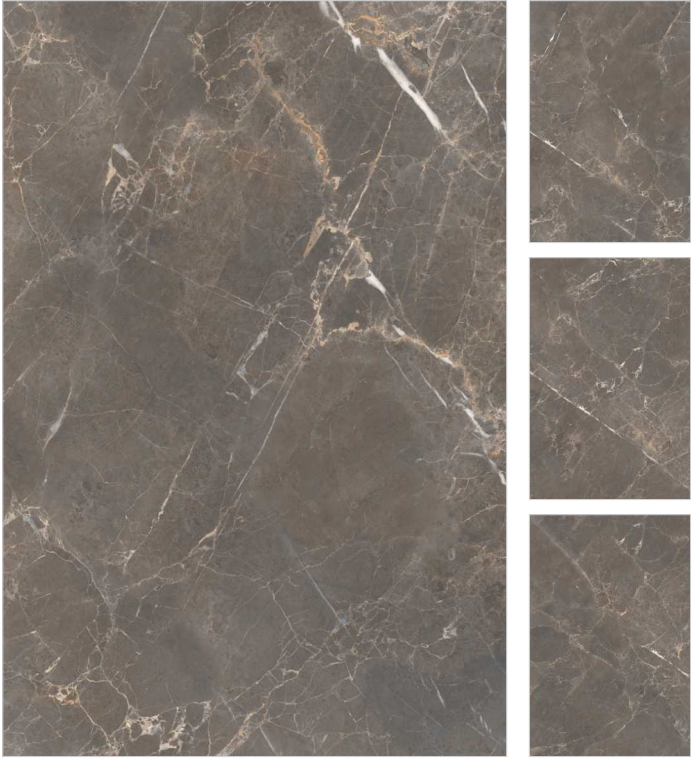


Wall  
VIVIAN BEIGE  
120x180cm  
GLOSSY

Floor  
VIVIAN BEIGE  
120x180cm  
GLOSSY



# MALTA OLIVE



Finish HIGH Glossy  
Random 4 Face  
Collection Quantiko HIGH Glossy



Wall  
MALTA OLIVE  
120x180cm  
HIGH GLOSS

Floor  
MALTA OLIVE  
120x180cm  
HIGH GLOSS



## AMORINI GRIGIO



Finish Matt Carving  
Random 4 Face  
Collection Quantiko Matt Carving



Wall  
AMORINI GRIGIO  
120x180cm  
MATT CARVING

Floor  
AMORINI GRIGIO  
120x180cm  
MATT CARVING



**QUANTIKO LUX**  
120x180cm - 9mm THICKNESS

**SILK PRESTIGE BEIGE**



Finish Lux  
Random 4 Face  
Collection Quantiko Lux

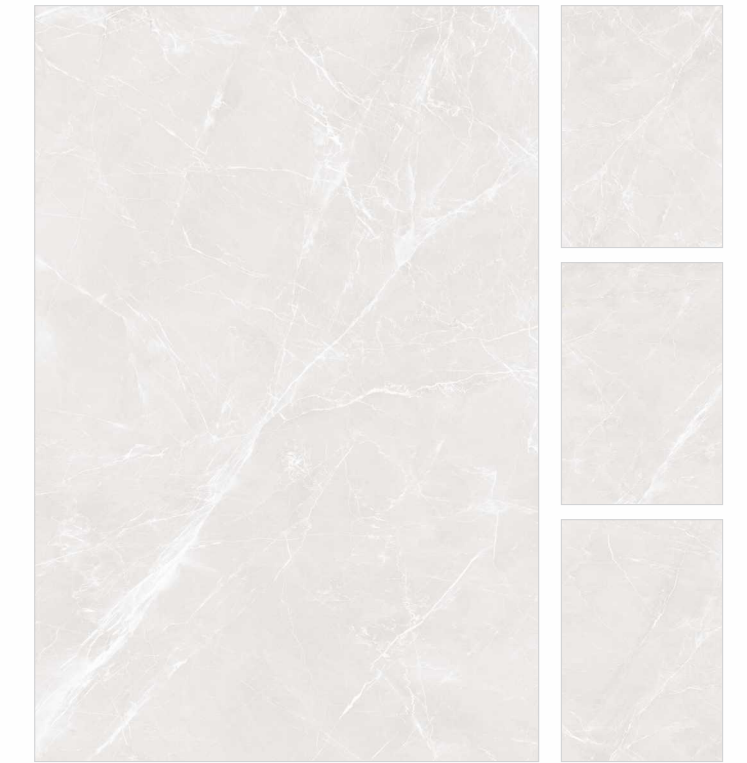


Wall  
SILK PRESTIGE BEIGE  
120x180cm  
LUX



**QUANTIKO LUX**  
120x180cm - 9mm THICKNESS

## SILK PRESTIGE BLANCO



Finish Lux  
Random 4 Face  
Collection Quantiko Lux



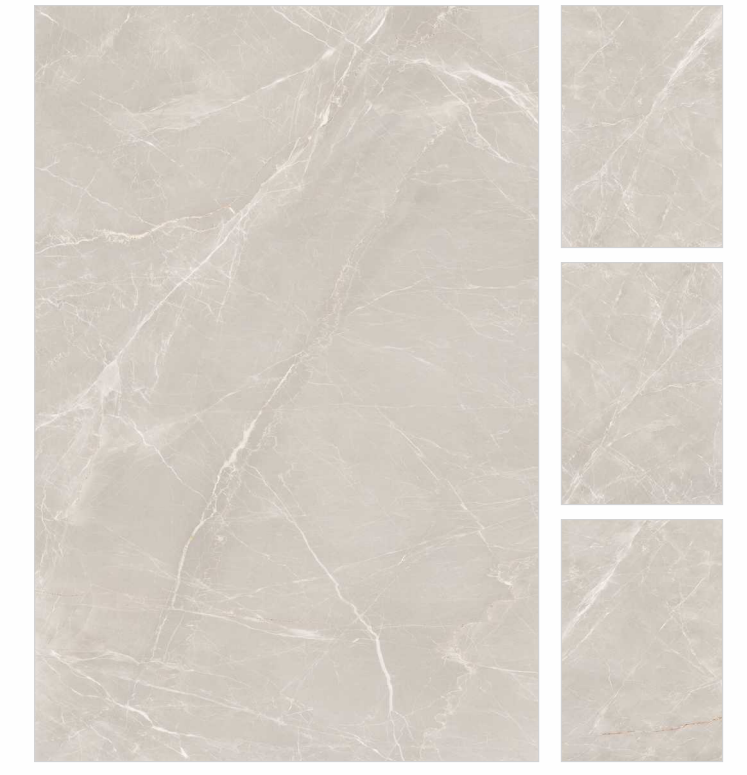
Wall  
SILK PRESTIGE BLANCO  
120x180cm  
LUX

Floor  
SILK PRESTIGE BLANCO  
120x180cm  
LUX



**QUANTIKO LUX**  
120x180cm - 9mm THICKNESS

## SILK PRESTIGE SMOKE



Finish Lux  
Random 4 Face  
Collection Quantiko Lux



Floor  
SILK PRESTIGE SMOKE  
120x180cm  
LUX

## TECHNICAL SPECIFICATION FOR GVT / PGVT

SR. NO.	CHARACTERISTICS	IS 15622:2017 GROUP BIA E ≤ 0.08	ISO 13006:2018 GROUP BIA EV ≤ 0.5 %	EN 14411:2016 GROUP BIA EV ≤ 0.5 %	TEST METHOD	SUNHEART VALUE	
<b>A - DIMENSION &amp; SURFACE QUALITY (WHICH EVER IS LESS IS APPLICABLE)</b>							
i	Length & Width	±0.1%	± 0.3% OR ± 1.0 mm	± 0.6% OR ± 2.0 mm	ISO 10545 - 2 IS 13630 ( Part 1 )	± 0.1%	
ii	Thickness	± 5.0%	± 5.0% OR ± 0.5 mm	± 5.0% OR ± 0.5 mm		± 4%	
iii	Straightness Of Side	±0.1%	± 0.3% OR ± 0.8 mm	± 0.5% OR ± 1.5 mm		± 0.1%	
iv	Rectengularity	±0.1%	± 0.3% OR ± 1.5 mm	± 0.5% OR ± 2.0 mm		± 0.1%	
v	Surface Flatness						
a	Center Curvature (%)	± 0.5%	± 0.4% OR ± 1.8 mm	± 0.5 % OR ± 2.0 mm		± 0.2 %	
b	Edge Curvature (%)	± 0.5%	± 0.4% OR ± 1.8 mm	± 0.5 % OR ± 2.0 mm		± 0.2 %	
c	Corner Warpage (%)	± 0.5%	± 0.4% OR ± 1.8 mm	± 0.5 % OR ± 2.0 mm		± 0.2 %	
vi	Surface Quality	Min. 95 % of tiles will be free from visible defects	Min. 95 % of tiles will be free from visible defects	Min. 95 % of tiles will be free from visible defects			Min. 95 % of tiles will be free from visible defects
<b>B - PHYSICAL PROPERTIES</b>							
i	Water Absorption	<0.08% Ind Max 0.1%	<0.5% Ind Max 0.6%	<0.5% Ind Max 0.6%	ISO 10545-3 IS 13630 (Part 2)	<0.08%	
ii	Modulus Of Rupture [n/mm <sup>2</sup> ]	Av 35, Individual 32 min	Av 35, Individual 32 min	Av 35, Individual 32 min	ISO 10545-4 IS 13630 ( Part 6 )	>35	
iii	Breaking Strength In N	700 for < 7.5mm T 1300 for ≥ 7.5mm T	700 for < 7.5mm T 1300 for ≥ 7.5mm T	700 for < 7.5mm T 1300 for ≥ 7.5mm T		>1300	
iv	Moisture Expansion In Mm/m	0.02	0.06% /0.6mm/m	0.06% /0.6mm/m	ISO 10545-10 IS 13630 ( Part 3 )	Nil	
v	Resistance To Abrasion Of Glazed Tiles ( Class I To V )	Minimum Class II	Depending on surface (As reported)	Depending on surface (As reported)	ISO 10545-7 IS 13630 ( Part 11 )	Min Class 3 for PGVT	
	Resistance To Deep Abrasion Of Unglazed Tiles (volume Removed In Mm <sup>3</sup> )	Max-140	Max -175	Max -175	ISO 10545-6 IS 13630 ( Part 12 )		
vi	Coefficient Of Linear Thermal Expansion From Embiant Temperature To 100 0 C	6 X 10 -6 K-1	9 X 10 -6 K-1 max	9 X 10 -6 K-1 max	ISO 10545-8 IS 13630 ( Part 4 )	6 X 10 -6 K-1 max	
vii	Thermal Shock Resistance	10 Cycle Passed	10 cycle min	10 cycle min	ISO 10545-9 IS 13630 (Part 5)	10 cycle Passed	
viii	Cracking Resistance	4 cycle	2 Cycle ( @ 5 bar))	2 Cycle ( @ 5 bar))	ISO 10545-11 IS 13630 (Part 9)	4 cycle passed	
ix	Frost Resistance	100 Cycle	Required	Required	ISO 10545-12 IS 13630 (Part-10)	Passed	
x	Impact Resistance	0.55	0.55	0.55	ISO 10545-5 IS 13630 (Part 14)	>0.55	
xi	Bulk Density	Min 2.2			ISO 10545-3 IS 13630 (Part 2)	2.2 gm/cc.min	
<b>C - CHEMICAL PROPERTIES</b>							
i	Stain Resistance	Min Class I	Min Class 3	Min Class 3	ISO 10545-14 IS 13630 (Part 8)	Class 3 ( as per ISO)	
ii	Resistance To Household Chemicals	Class AA	Min Class B	Min Class B	ISO 10545-13 IS 13630 (Part 8)	Class A( AS per ISO)	
iii	Resistance To Acid And Alkalies		Decleared Value	Decleared Value	ISO 10545-13 IS 13630 (Part 8)	Class A	

## PACKING DETAILS

SIZE	PIECES / BOX	COVERAGE AREA / BOX		WEIGHT / BOX
120x180cm	2	46.50 sq. ft.	4.32 sq. mtr	90 Kg (approx)

Note: Color shown in catalog may vary with the original tile. Slight shade & size variation is an inherent property of Ceramic / Vitrified tiles. For Normal Glossy Class III, High Glossy Class II/Class III, Matt Class III/Class IV.

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