

SUNHEART
CERAMIK

QUANTIKO
GLAZED VITRIFIED TILES

80x160cm
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

Always a step ahead in innovation and technology, Sunhearrt has been a torchbearer in ushering in new design themes inspired by nature and in alignment with the environment. The designs and features of the Quantiko Collection are a result of the company's quest to fulfill the ever-evolving architectural needs for modern design themes that are bold, unique, and natural.



Today, the advent of technology is influencing every dimension of innovation, and the ceramic industry is no exception. Unleashing the raw beauty of nature, the Quantiko Collection exhibits revolutionary surfaces in opportune sizes that are perfect for today's contemporary spaces, creating a distinct trend of stylish and candid ambiance that steals the spotlight with its rustic magnetism.



The grandeur of nature with minimalist designs add a timeless feel to the space where each piece reflects individuality and beauty in subtle tones, texture, and variability which make them appear like art pieces crafted with hands, creating an earthy aura that enchants the heart

INTRODUCTION

The Quantiko Collection: Behold the artistry of nature in every line, pattern, and tone that arrests the attention, unfolding a tactile saga of beauty and artistry that inflames the senses with a raw power of magnificence.



QUANTIKO
80x160cm - 9mm THICKNESS



QUANTIKO
GLAZED VITRIFIED TILES

Sunheartt incorporates natural textures and subtle colors to produce masterpieces that blend seamlessly with the tasteful environs where majesty meets man-made resilience, creating tiles in versatile materials adhering to the highest standards of quality. Give an edge to your spaces with surfaces that are a convergence of technique, superior technology, and exceptional artistry that yield beautifully natural interpretations with endless possibilities.

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



MULTI-FUNCTIONAL MARVELS

The 80x160cm size in 9mm thickness offer multifarious applicability options, creating a cohesive look that inspires and stimulates the will to live a lifestyle inspired by nature. With extensive options in finish, design, and much more, these surfaces are architectural wonders that add personality and character to the area of applicability, offering understated elegance.

SEAMLESS LOOK

Due to the 80x160cm size, there are fewer grout lines, giving a seamless look to the expanses.

CLASSIC PATTERNS

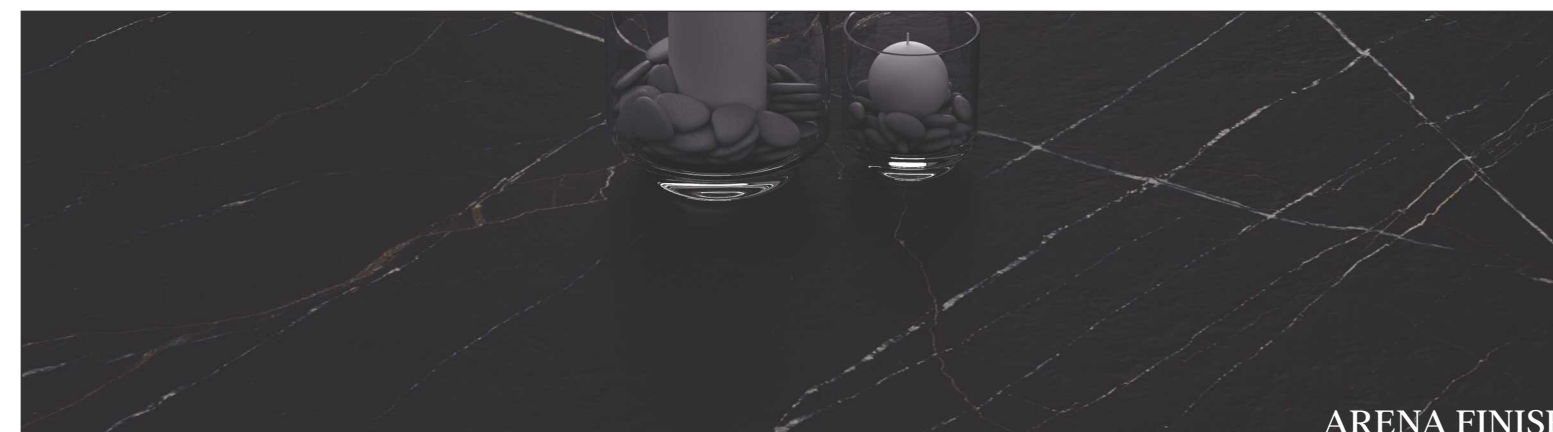
Classic marble patterns and a stylish color palette provide simple yet modish design possibilities.

MULTIPLE APPLICATIONS

Due to the size, thickness, and design options, these slabs offer a range of application possibilities.

ARENA PUNCH

The distinctive quality of Arena Punch with indented surfaces form intense natural veins, creating a classic and understated style.



DISTINCTIVE FEATURES



The Quantiko Collection comes with distinctive features like durability, strength, resilience, easy-to-clean, zero maintenance, slip-resistant, and can withstand severe weather conditions and heavy footfall. Created with the latest technology, these surfaces are architectural phenomena that stand the test of time.

ADVANTAGES

- 100% NATURAL & RECYCLABLE
- HYGIENIC SURFACE
- RESISTANT TO ICE & FROST
- ABRASION RESISTANT
- SCRATCH & IMPACT RESISTANT
- DIMENSIONAL STABILITY
- UNALTERABLE TO UV RAYS
- RESISTANT TO STAINS
- EASY TO CLEAN
- COLOR STABILITY
- TAILORED DESIGN
- WATER RESISTANT

APPLICATIONS

Filled with multitudinous features, the Quantiko Collection offers various application possibilities, making them a perfect choice for all urban architectural needs of commercial, public, or residential.

COMMERCIAL	PUBLIC	RESIDENTIAL
GYM	RAILWAY	LIVING ROOM
MALL & SHOPPING COMPLEX	METROS	BATHROOM
OFFICE	HOSPITAL	KITCHEN
SPA	LIBRARY	DINING AREA
BANK	BUS STAND	STUDY ROOM
CAFÉ & RESTAURANT	GOVERNMENT BUILDING	CHILDREN'S ROOM
AIRPORT	SCHOOL	BEDROOM
HOTEL	RELIGIOUS PLACES	TV ROOM

ARENA COLLECTION
80x160cm - 9mm THICKNESS

PIETRAS GRAFFITE ARENA



Finish Arena Carving
Random 3 Face
Collection Arena Collection



PIETRAS SILVER ARENA



Finish Arena Carving
Random 3 Face
Collection Arena Collection



Wall
PIETRAS GRAFFITE ARENA
80x160cm
ARENA CARVING

Floor
PIETRAS GRAFFITE ARENA
80x160cm
ARENA CARVING

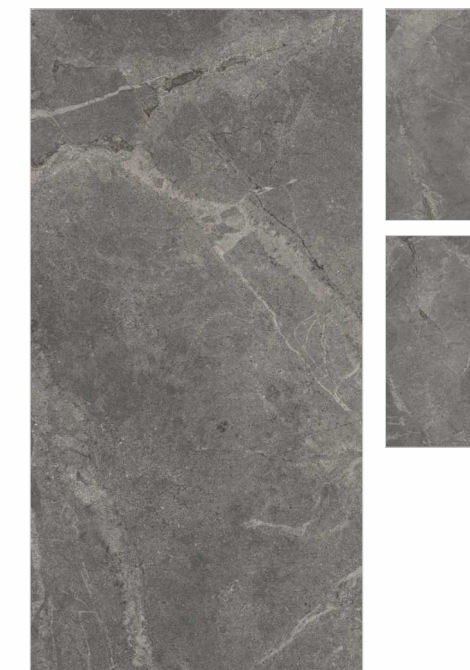


Wall
SANDRA GRAFFITE ARENA
80x160cm
ARENA

Floor
SANDRA GRAFFITE ARENA
80x160cm
ARENA

ARENA COLLECTION
80x160cm - 9mm THICKNESS

SANDRA GRAFFITE ARENA



Finish Arena
Random 3 Face
Collection Arena Collection



SANDRA GRIGIO ARENA



Finish Arena
Random 3 Face
Collection Arena Collection





Wall
FERRO TRAVERTINE NATURAL STRIPO
 80x160cm
 STRIPO CARVING

Floor
FERRO TRAVERTINE NATURAL
 80x160cm
 MATT CARVING

ARENA COLLECTION
 80x160cm - 9mm THICKNESS

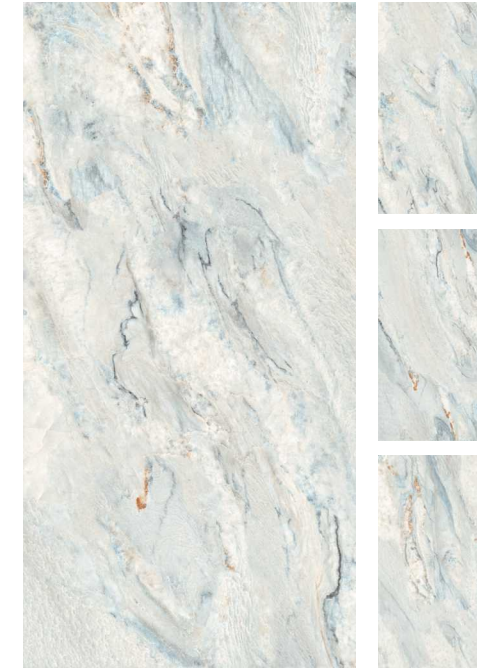
FERRO TRAVERTINE NATURAL



Finish **Matt Carving**
 Random **4 Face**
 Collection **Quantiko Matt Carving**



GROOVE CELESTIAL



Finish **High Gloss**
 Random **4 Face**
 Tile Feature **Classic Marble V 3.0**



FERRO TRAVERTINE NATURAL STRIPO



Finish **Stripo Carving**
 Random **4 Face**
 Collection **Stripo Collection**



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	
A - DIMENSION & SURFACE QUALITY (WHICH EVER IS LESS IS APPLICABLE)							
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 - PHYSICAL PROPERTIES							
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 ²]	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 ³)	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	Crasing 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	
C - CHEMICAL PROPERTIES							
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
80x160cm	2	27.55 sq.ft.	2.56 sq. mtr	51 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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