SUNHEARRT CERAMIX

TILES | BATHWARE | ADHESIVE





axiSTONE

SUNHEARRT INTRODUCTION

Path-breaking innovations with a Promise of quality!

Inspired in collection, and unmatched in design; Sunhearrt, a brand by Sunhearrt Ceramix Private Limited, 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 everexpanding 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.

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



AMONG **TOP 10** CERAMIC BRANDS IN INDIA



14+ Unique Surfaces



14+ SIZES under one roof



PRESENCE IN

83+ COUNTRIES



28 MILLION SQM. MANUFACTURING CAPACITY/ANNUM



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



1195+ BUSINESS PARTNERS



INVESTMENTS IN RENEWABLE ENERGY

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.



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!

Making Of axiSTONE

Crafted with precision and passion, every Axi Stone slab undergoes a meticulous process that transforms raw natural elements into sophisticated surfaces. From the selection of fine materials to advanced pressing and firing techniques, each step is designed to enhance both beauty and durability. Here's a closer look at how Axi Stone comes to life-where innovation meets craftsmanship to create surfaces that redefine modern design.



The Fine Dust

Each Axi Stone slab starts with carefully chosen, high-quality raw materials. These materials are crushed into an even powder, which forms the base for strong and durable surfaces.



Variegated Grains and Chips

We mix different sizes and colors of natural mineral pieces, chips, and color pigments into the base. This step creates the special look and feel of each slab.



The Convergence

The mixture is carefully layered and pressed, ensuring all parts fit together evenly. This helps maintain the consistency of color and strength throughout the tile.



Pressure And Firing

The slabs are pressed with high force and baked at very high heat. This hardens the slab, joining everything into a strong, smooth piece with an elegant finish.

Formats & **Thickness**



Axi Stone slabs are available in an expansive 80x240cm and 80x300cm sizes with a solid 15mm thickness, making them perfectly suited for both horizontal and vertical installations across spaces. With ten superior finishes, this collection enables versatile aesthetic and tactile experiences. The large format reduces joints for seamless beauty and a powerful visual impact in any interior style.

Advantages & **Features**



BENDING STRENGTH



RESISTANT TO STAINS



RESISTANT TO ICE & FROST



TAILORED DESIGN





100% NATURAL & RECYCLABLE



DIMENSIONAL STABILITY



COLOR STABILITY



UNALTERABLE TO UV RAYS



WATER **RESISTANT**



EASY TO CLEAN

SCRATCH



FIRE & HIGH TEMPERATURE

Design Range

Salt Collection 80x300cm



Stark Collection

80x300cm



Steel Collection

80x300cm





Salt Collection



SALT WHITE

SALT GREY

Finish: Polished

Body : White Body

SALT VERDE



Finish : Polished Body : Grey Body







Finish : Polished

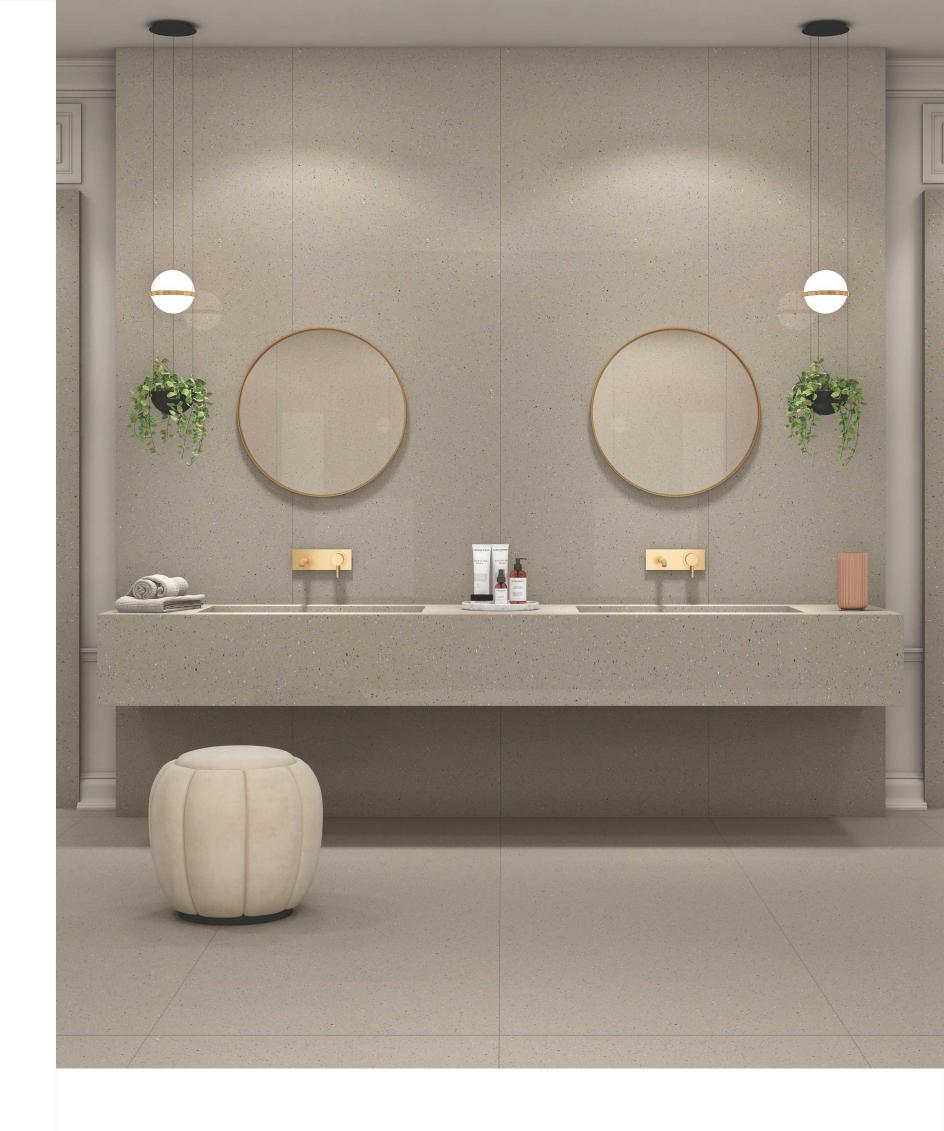
Finish: Polished

Body : Verde Body

Body : Black Body



SALT BLACK



Wall : Salt Verde Polished

Floor : Salt Verde Polished

Vanity Basin : Salt Verde Polished

Size : 80x300cm

Stark Collection



Finish : Matt

Body : Crema Body

Scan f 360° view

STARK CREMA

STARK WALNUT

STARK CREMA MATT



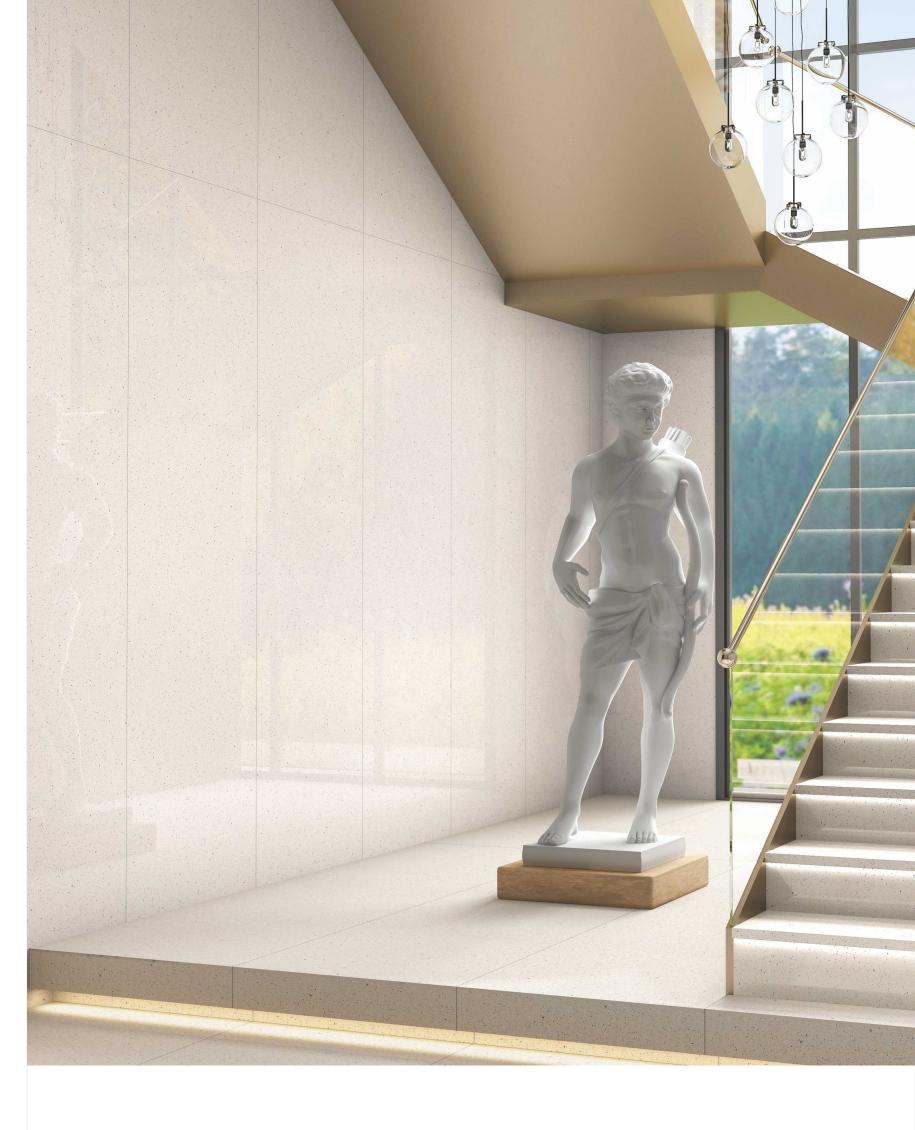


Finish: Matt

Body : Walnut Body



STARK WALNUT MATT

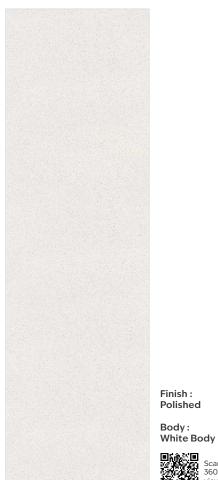


Wall : Stark Crema Polished

Floor : Stark Crema Matt Matt Stairs : Stark Crema Matt Matt

Size : 80x300cm

Stark Collection



STARK WHITE

STARK WHITE MATT







Finish: Polished





Finish : Matt

Body : Grey Body



STARK GREY









Finish : Polished Body : Black Body







Finish : Matt





Wall : Stark Grey Polished

Floor : Stark Grey Matt Matt

Iceland Counter : Stark Grey Polished

Size: 80x300cm

Steel Collection

Finish:
Polished

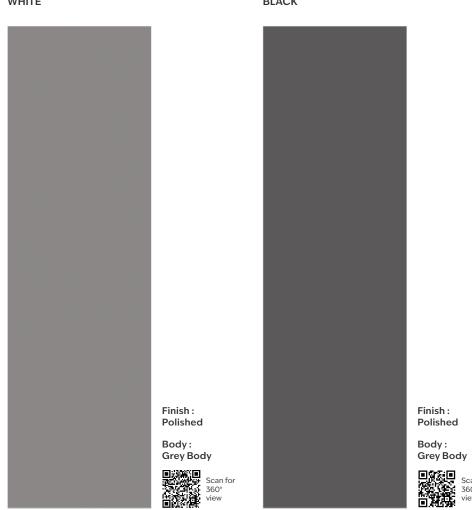
Body:
Black Body
Black Body

STEEL WHITE

STEEL LIGHT GREY STEEL BLACK

Finish: Polished

Body : White Body



STEEL DARK GREY



Wall : Steel White Polished Floor: Steel White Polished

TECHNICAL SPECIFICATION OF axiSTONE

| S. No. | Characteristics | IS 15622:2017 Group Bla E ≤ 0.08 | EN 14411:2016 Group Bla Ev ≤ 0.5 % | SUNHEARRT VALUE | Test Method | | |
|--------|--|---|---|--|------------------------------------|--|--|
| Α | DIMENSION & SURFACE QUALITY | | | | | | |
| - 1 | Length & Width | ±0.1% | ± 0.6% OR ± 2.0 mm | ± 0.1% | | | |
| II | Thickness | ± 5.0% | ± 5.0% OR ± 0.5 mm | ± 4.0% | | | |
| Ш | Straightness of Side | ±0.1% | ± 0.5% OR ± 1.5 mm | ± 0.1% | 10040545.0 | | |
| IV | Rectengularity | ±0.1% | ± 0.5% OR ± 2.0 mm | ± 0.1% | | | |
| V | Surface Flatness | | | ISO 10545-2 IS 13630 | | | |
| а | Center curvatue (%) | ± 0.5 % | ± 0.5 % OR ± 2.0 mm | ± 0.2 % | (Part1) | | |
| b | Edge curvature (%) | ± 0.5 % | ± 0.5 % OR ± 2.0 mm | ± 0.2 % | | | |
| С | Corner warpage (%) | ± 0.5 % | ± 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. 98 % of tiles will be free from visible defects | | | |
| В | PHYSICAL PROPERTIES | | | | | | |
| 1 | Water Absorption | <0.08% Ind Max 0.1% | <0.5% Ind Max 0.6% | < 0.08% | ISO 10545-3 IS 13630 (Part 2) | | |
| II | Modulus of Rupture [N/mm2] | Av 35, Individual 32 min | Av 35, Individual 32 min | Min- 38 | ISO 10545-4 | | |
| Ш | Breaking Strength in N | 700 for < 7.5mm thickness 1300 for ≥ 7.5mm thickness | 700 for < 7.5mm thickness 1300 for ≥ 7.5mm thickness | >1800 | IS 13630 (Part 6) | | |
| IV | Moisture Expansion in mm/m | 0.02 | 0.06% /0.6mm/m | Nil | ISO 10545-10 IS 13630 (Part 3) | | |
| V | Resistance to Abrasion of glazed tiles(Class I to V) | Not Applicable | Not Applicable | Not Applicable | ISO 10545-7 IS 13630 (Part 11) | | |
| | Resistance to Deep Abrasion of Unglazed tiles (Volume removed in mm ³) | Max-140 | Max -175 | Max 140 | ISO 10545-6 IS 13630 (Part 12) | | |
| VI | Coefficient of linear thermal expansion from embiant temperature to 100 ° C | 6 X 10 -6 K-1 | 9 X 10 - ⁶ K- ¹ max | 6 X 10 - ⁶ K- ¹ | ISO 10545-8 IS 13630 (Part 4) | | |
| VII | Thermal Shock Resistance | 10 Cycle Passed | 10 cycle min | Passed 10 Cycle | ISO 10545-9 IS 13630 (Part 5) | | |
| VIII | Crazing Resistance | Not Applicable | Not Applicable | Not Applicable | ISO 10545-11 IS 13630 (Part 9) | | |
| IX | Frost resistance | 100 Cycle | Required | Passed | ISO 10545-12 IS 13630 (Part-10) | | |
| Х | Impact Resistance | 0.55 | 0.55 | 0.8 | ISO 10545-5 IS 13630 (Part 14) | | |
| XI | Bulk Density | 2.2 | Not A requirement | | ISO 10545-3 IS 13630 (Part 2) | | |
| С | CHEMICAL PROPERTIES | | | | | | |
| I | Stain Resistance | Min Class 2 | Declare Value | Min Class 2 | ISO 10545-14 IS 13630 (Part 7) | | |
| II | Resistance to Household Chemicals | Class AA | Min Class B | Min Class AA | ISO 10545-13 IS 13630 (Part 7) | | |
| III | Resistance to Acid and alkalies | Decleared Value | Decleared Value | Class AA | ISO 10545-13 IS 13630 (Part 8) | | |

PACKING DETAILS

| SIZE | PIECES / BOX | COVERAGE AREA / BOX | WEIGHT / BOX |
|----------|--------------|------------------------------|----------------|
| 80x300cm | 1pc | 2.40 sq. mtr / 25.83 sq. ft. | 82 kg (Approx) |

SUNHEARRT CERAMIX

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