

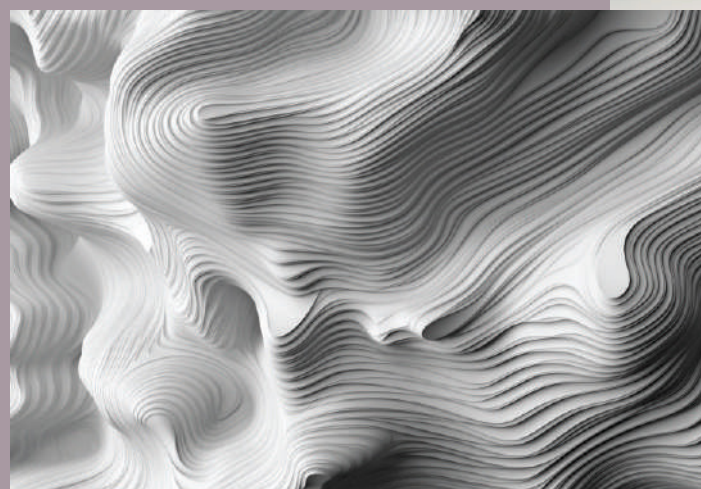


O.A.M  
TRADING

## THE STURDINESS OF EXPRESSIONS



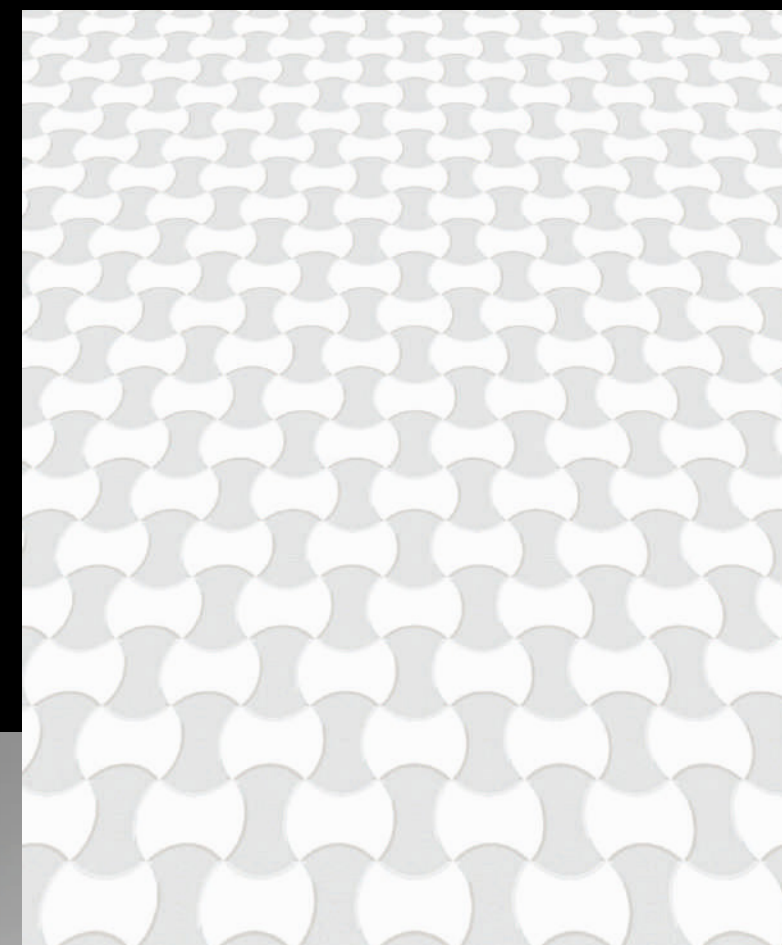
Inspired by the durable characters that exhibit a balance between extraordinary and practical to set thrilling collaborations of grandeur.



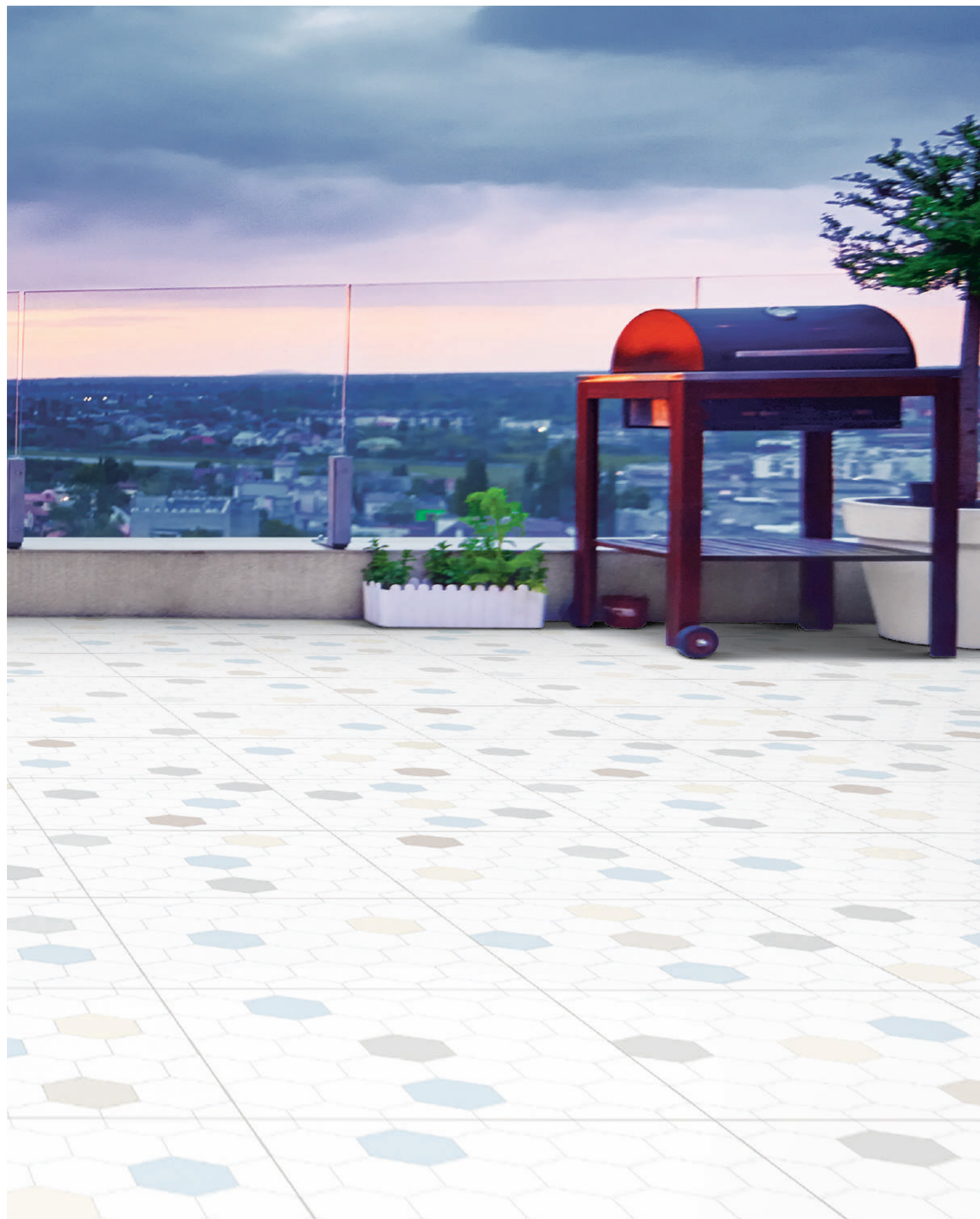
FIRM  
SAFE



An epitome of influence that sets new horizons and directions and discovers creative endeavors that create infinite possibilities.

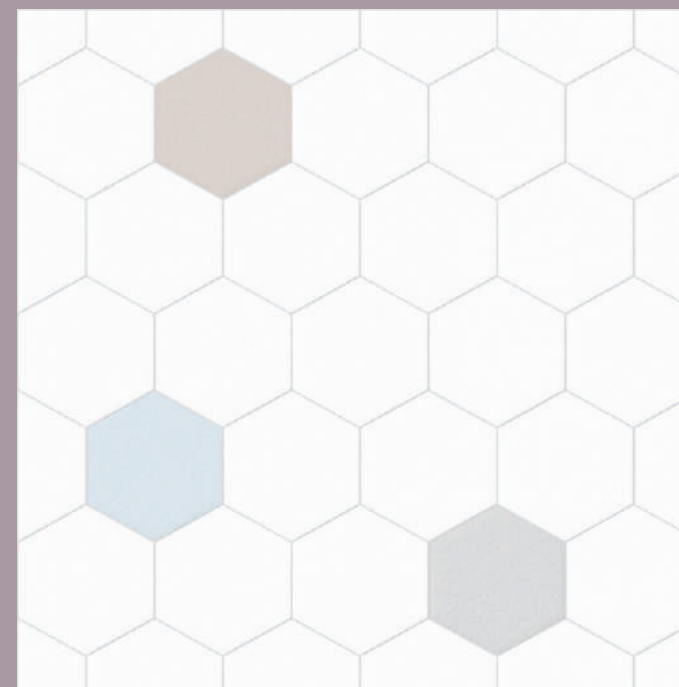


## INTRODUCTION



## TRIUMPH OF TRENDS IN FOCUS ON YOUR ROOF-TOPS

Create a path of distinctiveness for you to build a strong march of exploration. Elevate your exteriors and make a footfall of inspiration!



**ROOF**  
TILES

Engulf the beauty of your outdoor setting with surfaces that are made to stand tall against withering weather conditions. A pioneer of passion that reflects a habitat of anticipation through the aerial exteriors of your space. Instill a protectant that can endure the majesty of your space and build a shield of elegance.

Defend your space against the damage of external agents through preserving solutions that cascade the needs of your rooftops.

A safeguard of excellence that demonstrates a vigor of strength for the crown of your space. Infuse your rooftops with characters that are subtle and strengthful.

## AN INTRIGUING INNOVATION IN VARIED FORMS

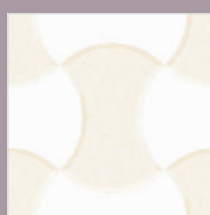
Set a multitude of designs to show an element of crafting novelty and express scenic sights on your exteriors with diverse patterns that display a gallop of ingenuity.



ROOF WHITE



ARMANO WHITE



DORATO



MAZE



MEDRID



TROVETTA

### EXCEPTIONAL FORMAT & THICKNESS

30x30cm

### MORE SOFTNESS AND CLEANLINESS

Sunheartt's innovative rooftop surface boasts improved aesthetics and enhanced ease of cleaning, making it an ideal surface.

### SAME SURFACE, ENDLESS PURPOSES

Look no further for versatile applicability as you unfold this magnificent all-in-one surface that blends effortlessly with any decor style.

## A HOLISTIC APPROACH TO YOUR ROOFING SOLUTIONS

Stitched to offer an open and dynamic ability, these surfaces draw a layer of aesthetics on your rooftops. Invite a sense of security to your space with a fusion of simplicity and functionality that adorns your exteriors.



**ROOF**  
TILES

## SOLAR REFLECTIVE INDEX CERTIFICATION

**CRDF** CEPT Research & Development Foundation  
Test Report for Solar Reflectance Index (SRI)

Report No: CRDF/PT/19/0501 Report Date: 27<sup>th</sup> August 2021

Report of test conducted by CEPT Research & Development Foundation for Solar Reflectance Index of Supplied Material. The test results of the specimen submitted for Solar Reflectance Index on date 24<sup>th</sup> August 2021 are as under:

1. Customer Information

i. Name of the Organization : Sunshine Tiles Co. P. Ltd.

ii. Contact Person : Mr. Adesh Mishra

iii. Address : Survey No. 100 & 100 Pr. A/National Highway, Dhava, Mund, Tal. - Sonbhadra, District - Raipur

iv. Phone Number : 9856864151/9873431226

v. Fax Number : Not Applicable

vi. Email : qa@sunshinetiles.com

2. Photocopy Testing

2.1. Blistering Materials

2.1.1. Sample Details

i. Sample Identification Number : BR/19/21/1592

ii. Date of Test : 26<sup>th</sup> August 2021

iii. Name and any other pertinent information of the material (including physical description) : Roof Tiles 300mm X 300mm (Ceramic Tiles)

iv. Thickness of the specimen (As declared by customer) : Not Applicable

v. Thickness as tested : Not Applicable

vi. Condition of Sample when received : Satisfactory

vii. Method and Environment used for Conditioning (If used) : Not Applicable

viii. Condition used for laboratory testing And weathering (If used) : Not Applicable

ix. Description of testing medium of laboratory testing and Weathering used : Not Applicable

x. Instrument used : Spectrophotometer with integrating sphere with reference material Spectralon & FTIR with IR specular reflection cell

xi. Boundary Conditions (Test Method) : ASTM E 1208-19, EN 12424-2:2010, EN 6722:2011, and EN 412:2011

*N.D. Bhosaniya*  
Lab. Technician

*Jayamini Patel*  
Assistant Lab. Manager

CEPT Research & Development Foundation, CEPT University, E. Campus, Gandhinagar, Ahmedabad 382015  
Phone: 079-25357000, Fax: 079-25357001, e-mail: cept@cept.ac.in, www.cept.ac.in

Page 1 of 3

**CRDF** CEPT Research & Development Foundation  
Test Report for Solar Reflectance Index (SRI)

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4. Results of the measurement:

Solar Direct Reflectance

| Sample Name              | Sample ID     | Measurement 1 | Measurement 2 | Measurement 3 | Average |
|--------------------------|---------------|---------------|---------------|---------------|---------|
| Roof Tiles 300mm X 300mm | SR/19/21/1592 | 0.7864        | 0.7860        | 0.7858        | 0.7861  |

Sample Name: Roof Tiles 300mm X 300mm

Sample ID: SR/19/21/1592

Measurement 1: 0.849

Measurement 2: 0.861

Measurement 3: 0.870

Average: 0.860

Solar Reflectance Index (SRI) under different wind conditions

| Sample Name              | Sample ID     | Low Wind (~1 m/s) | Medium Wind (~12 m/s) | High Wind (~30 m/s) |
|--------------------------|---------------|-------------------|-----------------------|---------------------|
| Roof Tiles 300mm X 300mm | SR/19/21/1592 | 97                | 97                    | 98                  |

Surface Temperature (T<sub>s</sub>) under different wind conditions

| Sample Name              | Sample ID     | Low Wind (~1 m/s) | Medium Wind (~12 m/s) | High Wind (~30 m/s) |
|--------------------------|---------------|-------------------|-----------------------|---------------------|
| Roof Tiles 300mm X 300mm | SR/19/21/1592 | 50.9              | 48.8                  | 41.2                |

Remark, if Any: -

5. Certificate of Accuracy:  
This is to certify that the test results herein presented are, to the best of my knowledge, true and accurate representations of the samples submitted.

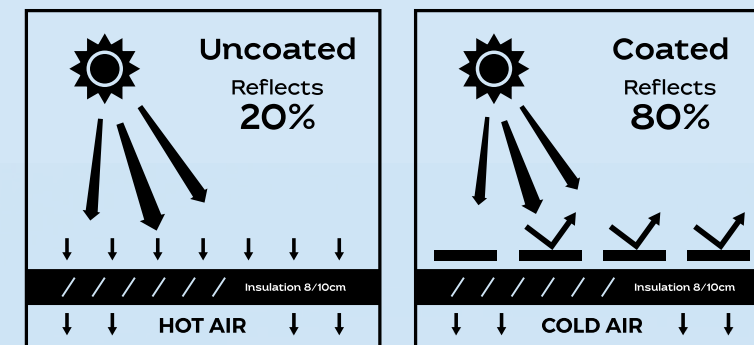
*N.D. Bhosaniya*  
Lab. Technician

*Jayamini Patel*  
Assistant Lab. Manager

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Page 2 of 3

### DIFFERENT OF NORMAL TILES & ROOF TILE



**30x30cm**  
Cool Roof Tile

**COOL & NATURALITY INSIDE YOUR HOME!!!**

Cool tiles is a great choice for every home, building as well as commercial buildings as it saves electricity and as fruitful contribution to environment. cool tiles is one that reflects the sun's heat and emits absorbed radiation back into the atmosphere. This will keep the inside place cooler.

**SERENITY ALWAYS GIVES A GREAT OPPORTUNITY STAY CALM WITH**



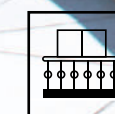
### APPLICATION AREAS



BUILDING TERRACE



EXTERIOR FACADES



BALCONIES



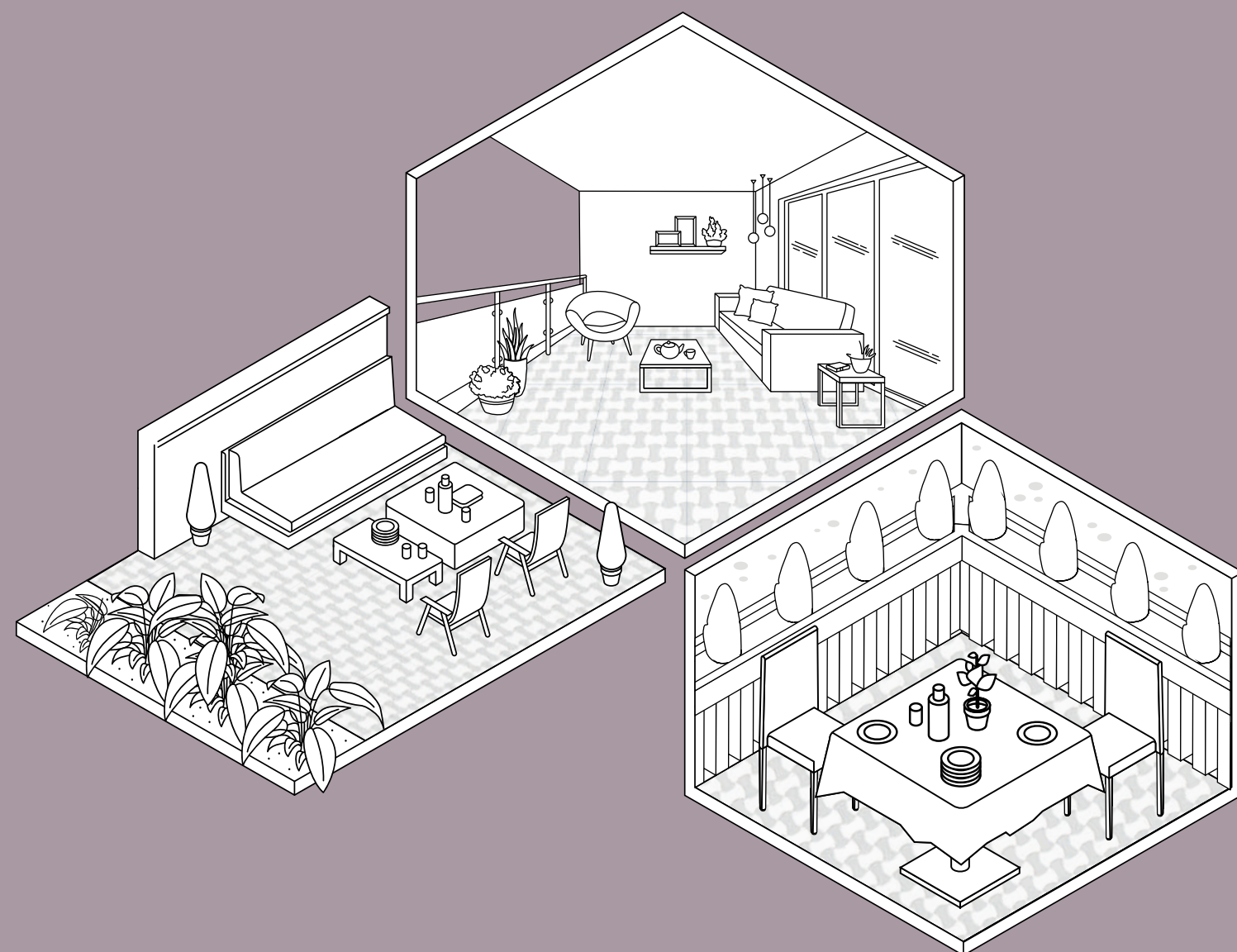
## VARIED APPLICATIONS FOR VARIED NEEDS

### SEAMLESS APPEAL

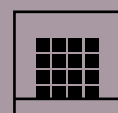
Witness a marvel of innovation that suits your dynamic needs in a placid manner to create a masterstroke of appeal. With lightweight materials that provide a stronger-than-ever pull, project a fancy flair to your rooftops.

### VERSATILITY

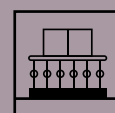
A blend of architectural style and practicality, these surfaces can cater to the dynamic needs of exteriors, which include facades, balconies, terraces, etc, to add a splash of tactile comfort.



BUILDING  
TERRACE



EXTERIOR  
FACADES

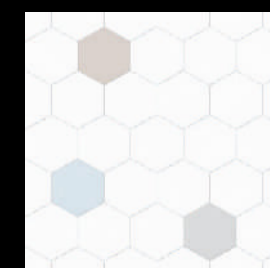


BALCONIES

\*This icon shows this an Antislip Soft piece.

## EXPLORE A SPECTRUM OF ELEGANCE

### ROOF TILES



ARMANO WHITE



DORATO BEIGE



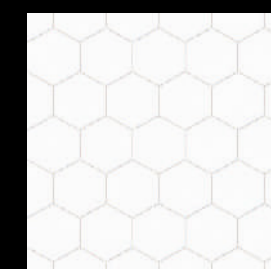
DORATO GRIGIO



MAZE GRIGIO



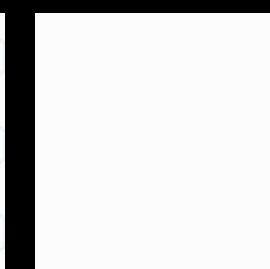
MAZE SKY BLUE



MEDRID BROWN



MEDRID SKY BLUE



ROOF WHITE



TROVETTA BEIGE



TROVETTA GRIGIO

An amalgamation of simplistic allure and amplified designs, these surfaces nurture a sophistication that trades contemporary currents.

A vivid embodiment of styles and patterns to enrich your exteriors, narrate an element of classic wonder.

Transmit a serenity of patterns that harmonize with the style of your space to impact the uninterrupted views of surreal substances. Set a chic, minimalistic, and impactful decor of character for you to transmit to.

ARMANO WHITE



FINISH - MATT



ARMANO WHITE



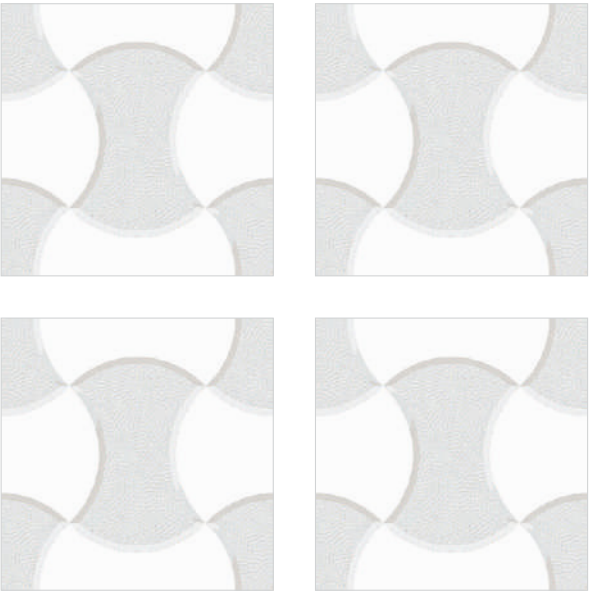
DORATO GRIGIO

DORATO BEIGE



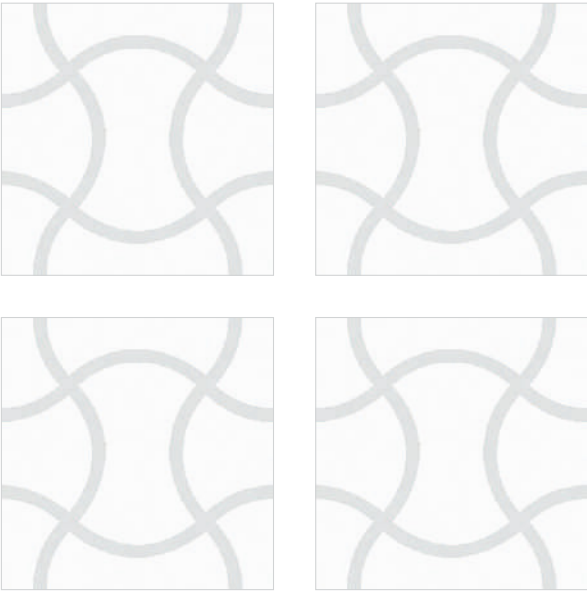
FINISH - MATT

DORATO GRIGIO



FINISH - MATT

MAZE GRIGIO



FINISH - MATT

MAZE SKY BLUE



FINISH - MATT

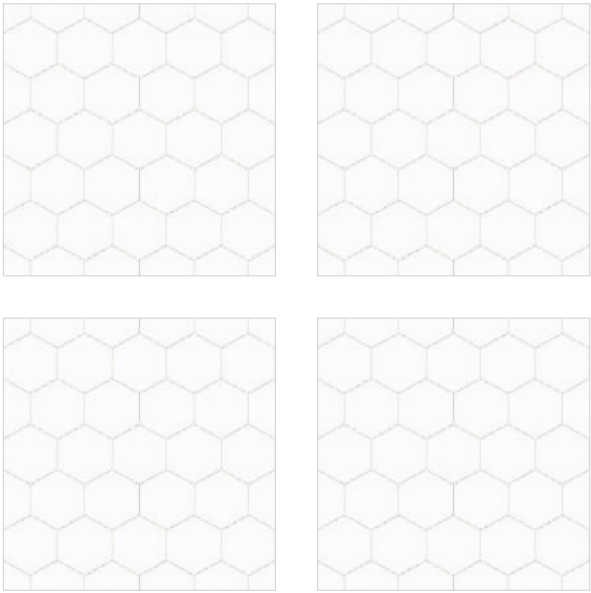


MAZE GRIGIO



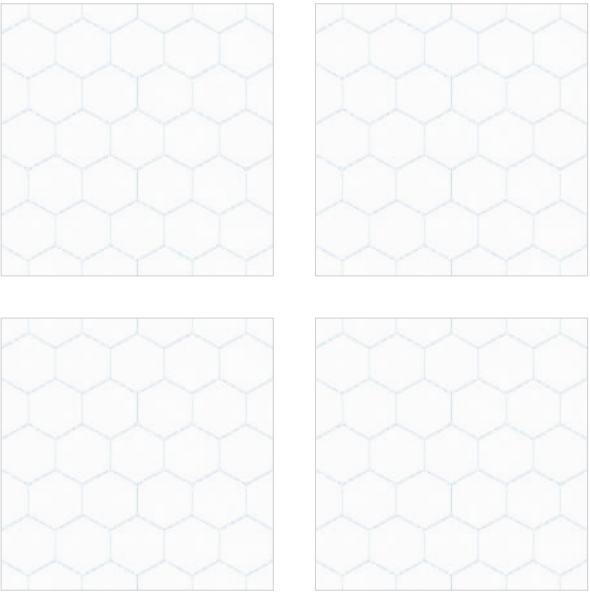
MEDRID BROWN

MEDRID BROWN



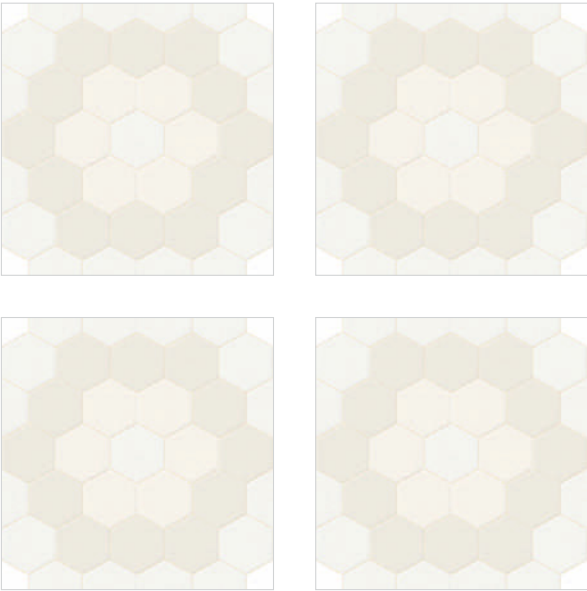
FINISH - MATT

MEDRID SKY BLUE



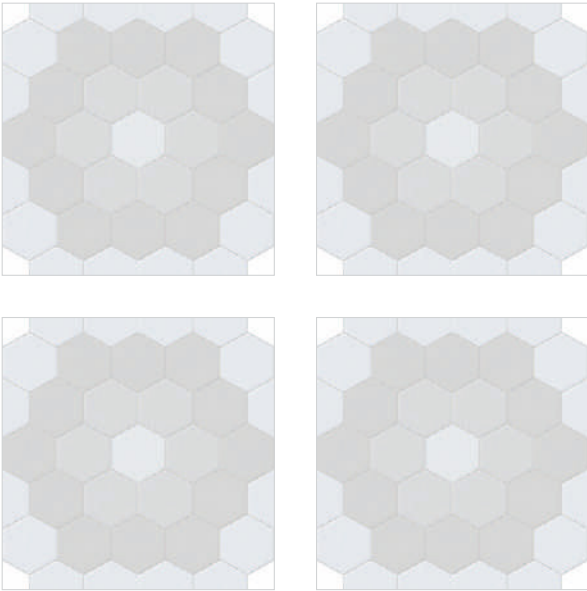
FINISH - MATT

TROVETTA BEIGE



FINISH - MATT

TROVETTA GRIGIO



FINISH - MATT

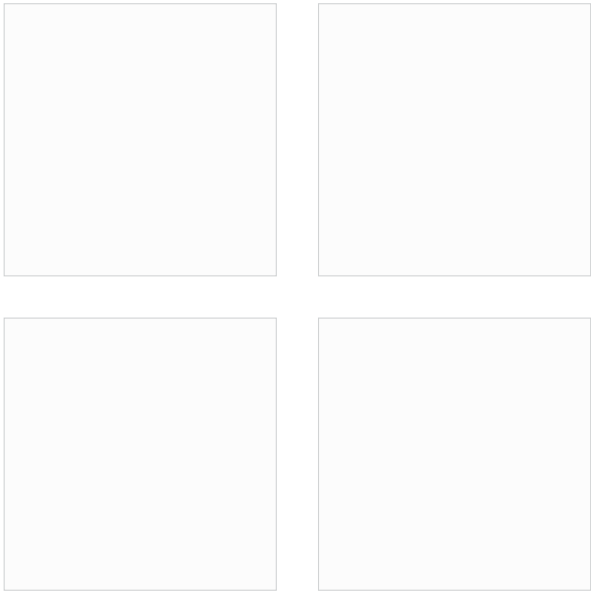


TROVETTA BEIGE



ROOF WHITE

ROOF WHITE



FINISH - MATT

TECHNICAL SPECIFICATION

| SR. NO.                                                            | CHARACTERISTICS                                                             | IS 15622:2017<br>GROUP BIA E 0.08                    | ISO 13006:2018<br>GROUP BIA EV 0.5 %                 | EN 14411:2016<br>GROUP BIA EV 0.5 %                  | TEST METHOD                          | SUNHEARTR VALUE                                      |
|--------------------------------------------------------------------|-----------------------------------------------------------------------------|------------------------------------------------------|------------------------------------------------------|------------------------------------------------------|--------------------------------------|------------------------------------------------------|
| A – DIMENSION & SURFACE QUALITY (WHICH EVER IS LESS IS APPLICABLE) |                                                                             |                                                      |                                                      |                                                      |                                      |                                                      |
| i                                                                  | Length & Width                                                              | ± 0.2%                                               | ± 0.3% OR ± 1.0 mm                                   | ± 0.5% OR ± 2.0 mm                                   | ISO 10545 – 2<br>IS 13630 ( Part 1 ) | ± 0.1%                                               |
| ii                                                                 | Thickness                                                                   | ± 5.0%                                               | ± 10.0% OR ± 0.5 mm                                  | ± 10.0% OR ± 0.5 mm                                  |                                      | ± 4%                                                 |
| iii                                                                | Straightness Of Side                                                        | ± 0.15%                                              | ± 0.3% OR ± 0.8 mm                                   | ± 0.3% OR ± 1.5mm                                    |                                      | ± 0.1%                                               |
| iv                                                                 | Rectengularity                                                              | ± 0.2%                                               | ± 0.3% OR ± 1.5 mm                                   | ± 0.5% OR ± 1.5 mm                                   |                                      | ± 0.1%                                               |
| v                                                                  | Surface Flatness                                                            |                                                      |                                                      |                                                      |                                      |                                                      |
| a                                                                  | Center Curvature (%)                                                        | ± 0.3%                                               | ± 0.4% OR ± 1.8 mm                                   | + 0.5, -0.3% OR + 2.0mm , -1.5mm                     |                                      | ± 0.2 %                                              |
| b                                                                  | Edge Curvature (%)                                                          | ± 0.3%                                               | ± 0.4% OR ± 1.8 mm                                   | + 0.5, -0.3% OR + 2.0mm , -1.5mm                     |                                      | ± 0.2 %                                              |
| c                                                                  | Corner Warpage (%)                                                          | ± 0.3%                                               | ± 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                                                            | E > 10 %                                             | <0.5% Ind Max 0.6%                                   | <0.5% Ind Max 0.6%                                   | ISO 10545-3<br>IS 13630 (Part 2)     | Av. 19-20                                            |
| ii                                                                 | Modulus Of Rupture [n/mm2]                                                  | Av. >15 T < 7.5.<br>AV >12 T 7.5                     | Av. >15 T < 7.5.<br>AV >12 T 7.5                     | Av. >15 T < 7.5.<br>AV >12 T 7.5                     | ISO 10545-4<br>IS 13630 ( Part 6)    | >16                                                  |
| iii                                                                | Breaking Strength In N                                                      | Av. > 600 T 7.5<br>AV< 200 T < 7.5                   | Av. > 600 T 7.5<br>AV< 200 T < 7.5                   | Av. > 600 T 7.5<br>AV< 200 T < 7.5                   |                                      | >600                                                 |
| iv                                                                 | Moisture Expansion In Mm/m                                                  | 0.04                                                 |                                                      | 0.06% /0.6mm/m                                       | ISO 10545-10<br>IS 13630 ( Part 3)   | 0.04                                                 |
| v                                                                  | Scratch Hardness                                                            | Minimum Class II                                     |                                                      | Not A requirement                                    | IS 13630-13                          | Min Class III                                        |
| vi                                                                 | Coefficient Of Linear Thermal Expansion From Embiant Temperature To 100 O C | 9 X 10 <sup>-6</sup> K <sup>-1</sup> max             | 9 X 10 <sup>-6</sup> K <sup>-1</sup> max             | 9 X 10 <sup>-6</sup> K <sup>-1</sup> max             | ISO 10545-8<br>IS 13630 ( Part 4)    | 9 X 10 <sup>-6</sup> K <sup>-1</sup> max             |
| vii                                                                | Thermal Shock Resistance                                                    | 10 cycle min                                         | 10 cycle min                                         | 10 cycle min                                         | ISO 10545-9<br>IS 13630 (Part 5)     | 10 cycle Passed                                      |
| viii                                                               | Crazing Resistance                                                          | 2 Cycle ( @ 5 bar))                                  | 2 Cycle ( @ 5 bar))                                  | 2 Cycle ( @ 5 bar))                                  | ISO 10545-11<br>IS 13630 (Part 9)    | 4 cycle passed                                       |
| C – CHEMICAL PROPERTIES                                            |                                                                             |                                                      |                                                      |                                                      |                                      |                                                      |
| i                                                                  | Stain Resistance                                                            | Min Class I                                          | Min Class 3                                          | Min Class 3                                          | ISO 10545-14<br>IS 13630 (Part 8)    | Class 1                                              |
| ii                                                                 | Resistance To Household Chemicals                                           | Class AA                                             | Min Class B                                          | Min Class B                                          | ISO 10545-13<br>IS 13630 (Part 8)    | Class AA                                             |
| iii                                                                | Resistance To Acid And Alkalies                                             | Declared Value                                       |                                                      |                                                      | ISO 10545-13<br>IS 13630 (Part 8)    |                                                      |

PACKING DETAILS

| SIZE           | PIECES / BOX | COVERAGE AREA / BOX |             | WEIGHT / BOX     |
|----------------|--------------|---------------------|-------------|------------------|
| 30x30cm (ROOF) | 10           | 9.69 Sq. ft.        | 0.9 sq. mtr | 14.4 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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