



**SOMANY**

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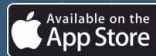
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VITRO / CAT / AUGUST 2024

**VITRO**

**SOMANY**  
TILES | BATHWARE

**SOLUBLE SALT**

VITRIFIED TILES

600 x 600MM



UNIT - 3 | FOR ALL INDIA

**VERVE**  
from the house of HL SOMANY GROUP

# SOLUBLE SALT VITRIFIED TILES

Powered with cutting-edge nano technology, these tiles are the most sought-after size in the industry. They can be applied in various settings, ranging from indoor spaces, shopping malls, and restaurants to living rooms and kitchens. These tiles offer a plethora of designs that complement your ambiance.



Nano Tech



Eco Friendly



Anti Stain



Polish Finish



Highly Durable



SOMANY  
VITRO

## APPLICATION



RESIDENCES



OFFICES



PUBLIC PLACES



AIRPORTS



SHOPS



HOTELS



MALLS

## C O N T E N T

### SOLUBLE SALT

VITRIFIED VERVE TILES COLLECTION

VERVE

04

### SOLUBLE SALT

VITRIFIED TILES COLLECTION

12

### SOLUBLE SALT

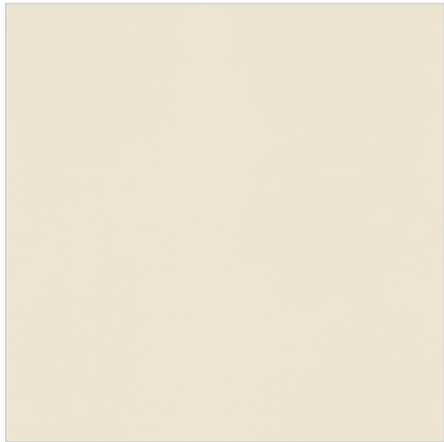
VITRIFIED GREVITY TILES COLLECTION

GREVITI

16

600x  
600mm





NANO AVORIO VERVE      Nanovated



NANO BENITA VERVE      Nanovated



NANO CORNELIO VERVE      Nanovated



NANO SPLASH VERVE      Nanovated



NANO CROMA VERVE      Nanovated



NANO ELISA VERVE      Nanovated



NANO SPLASH VERVE





NANO CAMARO VERVE      Nanovated



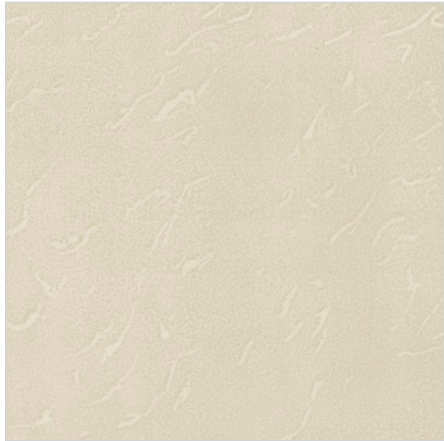
NANO CELICA BEIGE VERVE      Nanovated



NANO CELICA BLUE VERVE      Nanovated



NANO LEXUS BEIGE VERVE      Nanovated



NANO LIVA VERVE      Nanovated



NANO NILSA VERVE      Nanovated



NANO NASH VERVE      Nanovated



NANO NEXA VERVE      Nanovated



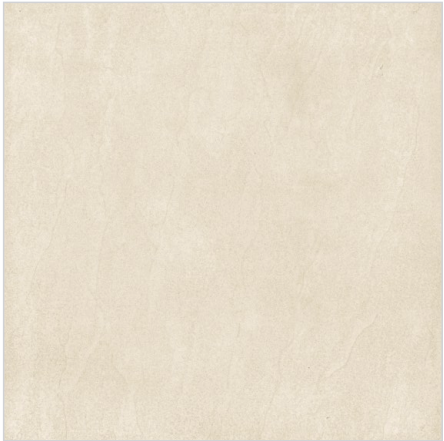
NANO OASIS VERVE      Nanovated



NANO CARINO VERVE      Nanovated



NANO TENERO VERVE      Nanovated



NANO TESLA VERVE      Nanovated





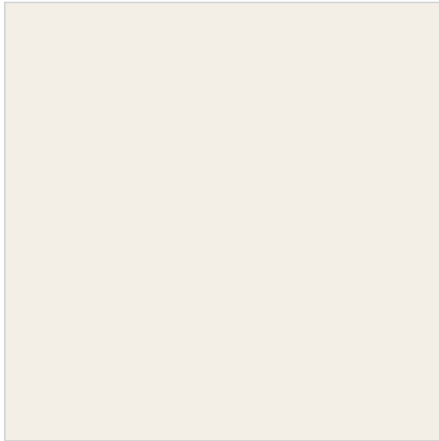
NANO BRIO Nanovated



NANO CAMARO Nanovated



NANO CELICA BEIGE Nanovated



NANO CRYSTAL WHITE Nanovated



NANO EVORA Nanovated



NANO LEXUS BEIGE Nanovated



NANO NILSA Nanovated



NANO SPLASH Nanovated

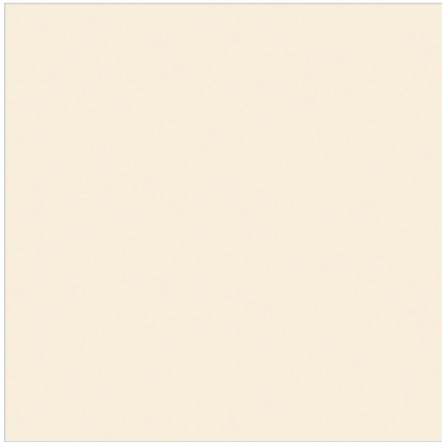


NANO OASIS Nanovated

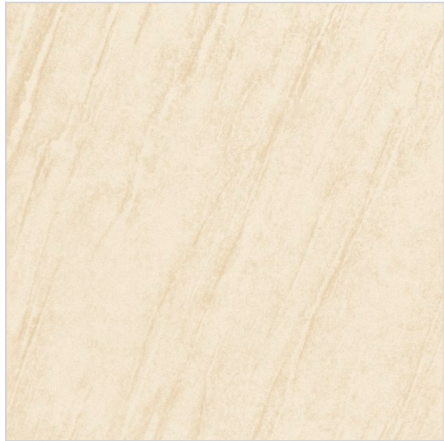




AUGUSTA



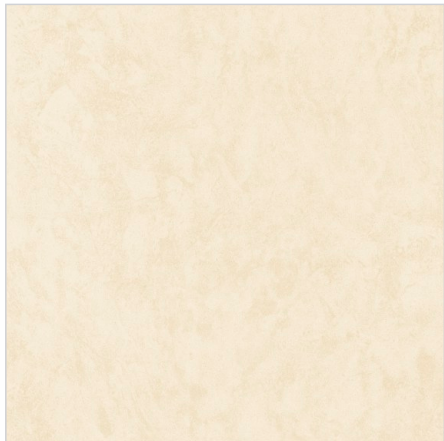
IVORY



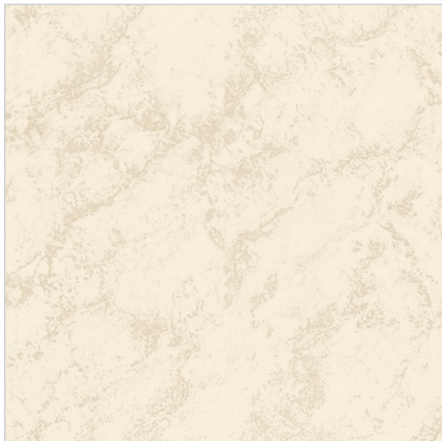
OPULENT



CARMINE



ETURA



LIGURIA



AUGUSTA

| PACKING DETAIL FOR 600X600MM GREVITI SOLUBLE SALT TILES                           |               |                                 |                         |                          |
|-----------------------------------------------------------------------------------|---------------|---------------------------------|-------------------------|--------------------------|
|  |               |                                 |                         |                          |
| Nominal Size                                                                      | Thickness(mm) | Average weight per carton (Kgs) | No. of tiles per carton | Coverage area per carton |
| 600 x 600mm (Greviti Soluble Salt Tiles)                                          | 7.2 mm        | 22.30                           | 4                       | 1.44sq.mtr./15.50sq.ft.  |

| TECHNICAL SPECIFICATION FOR 600X600MM GREVITI SOLUBLE SALT TILES                         |                                                                    |                                                            |                                                      |                               |
|------------------------------------------------------------------------------------------|--------------------------------------------------------------------|------------------------------------------------------------|------------------------------------------------------|-------------------------------|
| Characteristics                                                                          | Requirement as per<br>IS 15622 :2017<br>0.08< E ≤ 3.0% Group B I b | Requirement as per<br>ISO 13006:2018<br>≤ 0.5% Group B I a | Our Values                                           | Test Method                   |
| Dimension & Surface Quality                                                              |                                                                    |                                                            |                                                      | IS 13630 Part 1/ ISO 10545-2  |
| Length & Width %                                                                         | ± 0.10%                                                            | ± 0.5%                                                     | ± 0.10%                                              |                               |
| Thickness %                                                                              | ± 5.00%                                                            | ± 5.00%                                                    | ± 4.0%                                               |                               |
| Straightness of Side %                                                                   | ± 0.10%                                                            | ± 0.50%                                                    | ± 0.10%                                              |                               |
| Rectengularity %                                                                         | ± 0.10%                                                            | ± 0.60%                                                    | ± 0.10%                                              |                               |
| Surface Flatness                                                                         |                                                                    |                                                            |                                                      |                               |
| Center curvature (%) ( Max.Deviation)                                                    | ± 0.50%                                                            | ± 0.50%                                                    | ± 0.2 %                                              |                               |
| Edge curvature (%) ( Max.Deviation)                                                      | ± 0.50%                                                            | ± 0.50%                                                    | ± 0.2 %                                              |                               |
| Corner warpage %)( Max.Deviation)                                                        | ± 0.50%                                                            | ± 0.50%                                                    | ± 0.2 %                                              |                               |
| 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 |                               |
| Physical Properties                                                                      |                                                                    |                                                            |                                                      |                               |
| Water Absorption                                                                         | 0.08% < E ≤ 3.0<br>Individual Max. 3.3%                            | Av ≤ 0.5 %,<br>Individual 0.6% max                         | <0.5% Ind max 0.6%                                   | IS 13630 Part 2/ ISO 10545-3  |
| Modulus of Rupture [N/mm²]                                                               | Avr 30, Individual 27 Min                                          | Avr 35, Individual 32 Min                                  | Avr. > 30, Individual 27                             | IS 13630 Part 6/ISO 10545-4   |
| Breaking Strength in N                                                                   | 700                                                                | Min 700                                                    | Min 700                                              |                               |
| Moisture Expansion in mm/m                                                               | 0.02                                                               | Test method available                                      | 0.02                                                 | IS 13630 Part 3/ISO-10545-10  |
| Scratch Hardness of surface (Mohs)                                                       | Min 5                                                              | N.A                                                        | Min 5                                                | IS 13630 Part 13              |
| Coefficient of Linear Thermal Expansion from Ambient Temperature to 100 0 C              | 7 X 10 <sup>-6</sup> K <sup>-1</sup> max                           | Test method available                                      | 7 X 10 <sup>-6</sup> K <sup>-1</sup> max             | IS 13630 Part 4/ ISO 10545-8  |
| Thermal Shock Resistance                                                                 | 10 cycle Min                                                       | Required                                                   | 10 cycle passed                                      | IS 13630 Part 5/ISO-10545-9   |
| Crazing Resistance                                                                       | 4 cycle @ 7.5bar min                                               | Not Applicable                                             | Not Applicable                                       | IS 13630 Part 9/ISO 10545-11  |
| Impact Resistance as Co-efficient of Restitution (COR)                                   | 0.55 min                                                           | Test method available                                      | 0.55 Min                                             | IS 13630 Part 14/ISO 10545-5  |
| Deep Abrasion Resistance [in mm³]                                                        | 175 Max                                                            | Max 175                                                    | Max 175                                              | IS 13630 PART 12/ISO 10454-6  |
| Frost Resistance                                                                         | Required                                                           | Required                                                   | 100 Cycle Passed                                     | IS 13630 Part 10/ISO 10545-12 |
| Stain & Chemical Resistance (Un-glazed Tiles)                                            |                                                                    |                                                            |                                                      |                               |
| Stain Resistance                                                                         | Min Class 2                                                        | Manufacturer to state the class                            | Min Class 2                                          | IS 13630 Part 7/ISO 10545-14  |
| Resistance to Household Chemicals                                                        | Min Class UB                                                       | Min Class UB                                               | Class UB                                             |                               |
| Resistance to Acids and Alkalis ( with exception of hydrofluoric acid and its compounds) | Required if agreed                                                 | Test method available                                      | Class ULB (Low Conc)<br>Class UHB (High Conc)        |                               |

The reproduction of tiles in this catalogue is restricted to four color printing only and tiles are not in relative sizes, therefore customers are advised to see the physical sample before placing the order. “ Technical Specification” for Somany wall & floor tiles are applicable only for premium quality tiles. Please inspect all tiles prior to installation. Company will not entertain complaints once tiles are laid/fixed. Complaints will not be entertained for Borders, Highlighters & Motifs.

| PACKING DETAIL FOR 600X600MM SOLUBLE SALT TILES |               |                                 |                         |                          |
|-------------------------------------------------|---------------|---------------------------------|-------------------------|--------------------------|
| Nominal Size                                    | Thickness(mm) | Average weight per carton (Kgs) | No. of tiles per carton | Coverage area per carton |
| 600 x 600mm (Verve Soluble Salt Tiles)          | 8.0 mm        | 24.50                           | 4                       | 1.44sq.mtr./15.50sq.ft.  |
| 600 x 600mm (Nano Soluble Salt Tiles)           | 8.0 mm        | 24.50                           | 4                       | 1.44sq.mtr./15.50sq.ft.  |

| TECHNICAL SPECIFICATION FOR 600X600MM SOLUBLE SALT TILES                                 |                                                              |                                                            |                                                      |                               |
|------------------------------------------------------------------------------------------|--------------------------------------------------------------|------------------------------------------------------------|------------------------------------------------------|-------------------------------|
| Characteristics                                                                          | Requirement as per<br>IS 15622 :2017<br>E ≤ 0.08 Group B I a | Requirement as per<br>ISO 13006:2018<br>≤ 0.5% Group B I a | Our Values                                           | Test Method                   |
| Dimension & Surface Quality                                                              |                                                              |                                                            |                                                      | IS 13630 Part 1/ ISO 10545-2  |
| Length & Width %                                                                         | ± 0.10%                                                      | ± 0.5%                                                     | ± 0.10%                                              |                               |
| Thickness %                                                                              | ± 5.00%                                                      | ± 5.00%                                                    | ± 4.0%                                               |                               |
| Straightness of Side %                                                                   | ± 0.10%                                                      | ± 0.50%                                                    | ± 0.10%                                              |                               |
| Rectengularity %                                                                         | ± 0.10%                                                      | ± 0.60%                                                    | ± 0.10%                                              |                               |
| Surface Flatness                                                                         |                                                              |                                                            |                                                      |                               |
| Center curvature (%) ( Max.Deviation)                                                    | ± 0.50%                                                      | ± 0.50%                                                    | ± 0.2 %                                              |                               |
| Edge curvature (%) ( Max.Deviation)                                                      | ± 0.50%                                                      | ± 0.50%                                                    | ± 0.2 %                                              |                               |
| Corner warpage %)( Max.Deviation)                                                        | ± 0.50%                                                      | ± 0.50%                                                    | ± 0.2 %                                              |                               |
| 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 |                               |
| Physical Properties                                                                      |                                                              |                                                            |                                                      |                               |
| Water Absorption                                                                         | Average ≤ 0.08%,<br>Individual Max.0.1%                      | Av ≤ 0.5 %,<br>Individual 0.6% max                         | <0.08%, Individual Max 0.1%                          | IS 13630 Part 2/ ISO 10545-3  |
| Modulus of Rupture [N/mm²]                                                               | Avr 35, Individual 32 Min                                    | Avr 35, Individual 32 Min                                  | Avr. > 35, Individual 32                             | IS 13630 Part 6/ISO 10545-4   |
| Breaking Strength in N                                                                   | 1300                                                         | Min 1300                                                   | Min 1300                                             |                               |
| Moisture Expansion in mm/m                                                               | 0.02                                                         | Test method available                                      | 0.02                                                 | IS 13630 Part 3/ISO-10545-10  |
| Scratch Hardness of surface (Mohs)                                                       | Min 5                                                        | N.A                                                        | Min 5                                                | IS 13630 Part 13              |
| Coefficient of Linear Thermal Expansion from Ambient Temperature to 100 0 C              | 6 X 10 <sup>-6</sup> K-1 max                                 | Test method available                                      | 6 X 10 <sup>-6</sup> K-1 max                         | IS 13630 Part 4/ ISO 10545-8  |
| Thermal Shock Resistance                                                                 | 10 cycle Min                                                 | Required                                                   | 10 cycle passed                                      | IS 13630 Part 5/ISO-10545-9   |
| Crazing Resistance                                                                       | 4 cycle @ 7.5bar min                                         | Not Applicable                                             | Not Applicable                                       | IS 13630 Part 9/ISO 10545-11  |
| Impact Resistance as Co-efficient of Restitution (COR)                                   | 0.55 min                                                     | Test method available                                      | 0.55 Min                                             | IS 13630 Part 14/ISO 10545-5  |
| Deep Abrasion Resistance [in mm³]                                                        | 140 Max                                                      | Max 175                                                    | Max 140                                              | IS 13630 PART 12/ISO 10454-6  |
| Frost Resistance                                                                         | Required                                                     | Required                                                   | 100 Cycle Passed                                     | IS 13630 Part 10/ISO 10545-12 |
| Stain & Chemical Resistance (Un-glazed Tiles)                                            |                                                              |                                                            |                                                      |                               |
| Stain Resistance                                                                         | Min Class 2                                                  | Manufacturer to state the class                            | Min Class 2                                          | IS 13630 Part 7/ISO 10545-14  |
| Resistance to Household Chemicals                                                        | Min Class UB                                                 | Min Class UB                                               | Class UB                                             |                               |
| Resistance to Acids and Alkalis ( with exception of hydrofluoric acid and its compounds) | Required if agreed                                           | Test method available                                      | Class ULB (Low Conc)<br>Class UHB (High Conc)        |                               |

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**SOMANY**  
Bathware

## Our PORTFOLIO



Water Closets | Basins | Faucets | Showers | Water Heaters | Accessories

**Ezy Fix**

TILES ADHESIVES & GROUTS

**SOMANY**



## HIGH STRENGTH POLYMER MODIFIED TILE ADHESIVE



### BENEFITS

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- » EXCELLENT BONDING WITH ALL SURFACES
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### USES

- » FOR FIXING ALL TYPE OF TILES
- » FOR NEW FLOORING AND RENOVATION
- » CAN BE USED FOR TILE ON TILE