



Asian Granito India Ltd.

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1800 123 3455
Toll-free: Mon-Sat 10am-6pm

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AGL Tiles App



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Download
Catalogue



Scan to Find
Exclusive
Store

ACL \ Collection \ February 2024

**NEW
ARRIVAL**

V6 GRANDURA
DIGITAL VITRIFIED TILES

600x600mm | 400x400mm | 300x300mm

ABOUT US

At AGL, we have been leading the change by continuous innovation, setting higher goals, achieving the unthinkable and creating new benchmarks. This has enabled us to clock net consolidated turnover of ₹1562 Crores (US \$190 Million) in FY22-23, making us giant in the space décor industry. In the short span of 23 years, we are one of India's largest groups, with a global footprint across 100 countries.

Today, AGL has enhance its product range from Tile to Marble, Quartz and now in Bathware as well.






The research and development center at every AGL plant is well equipped with all the latest testing methods and the products are thoroughly tested for quality before delivery. It is ensured that every product matches the highest international quality standards.

EXPANDING FOR A BEAUTIFUL LIFE



14 ULTRA-MODERN
MANUFACTURING
UNITS IN INDIA*

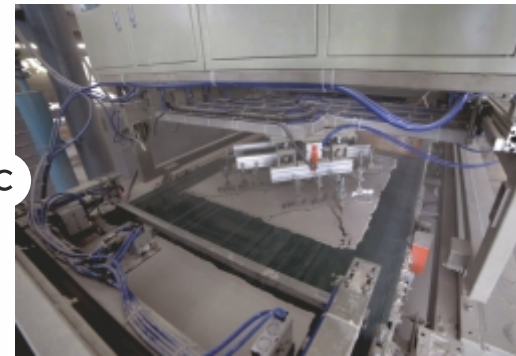
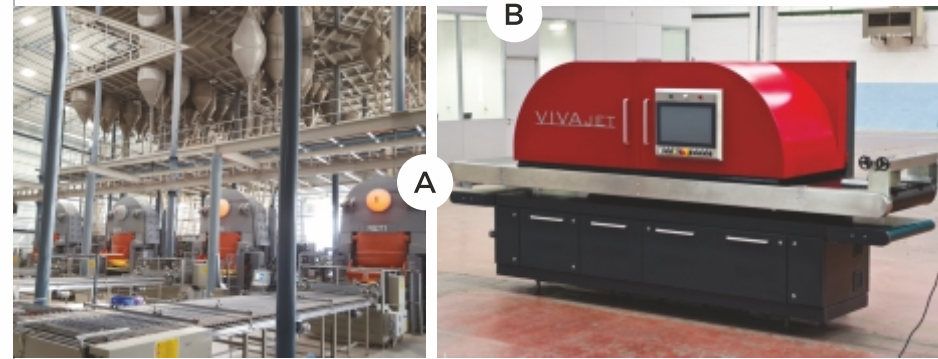
* Including JVs and CMUs

| | | | | |
|---|---|--|--|---|
|  54.5 Million Sq.Mtr. Production Capacity Per Annum** |  Consolidated Net Turnover ₹ 1562cr. (US \$190 million) |  1400+ Designs |  30+ Different Sizes |  12 Display Centres |
|---|---|--|--|---|

| | | | |
|--|---|--|--|
|  6000+ Employees* <small>* Includes contract labour</small> |  14 Mfg. units |  Exports in 100+ Countries |  Trade Network in 35 States & UTs of India |
|--|---|--|--|

| | | | | |
|---|---|--|--|--|
|  235+ Showrooms |  11+ Digital Printing Technology |  First to bring world's largest 5 line kiln set up in India |  1.4 Million+ Facebook Followers |  14000+ Touch Point <small>** including JVs</small> |
|---|---|--|--|--|

ADVANCE TECHNOLOGIES & KEY PROCESS



GLOBAL
PRESENCE IN
OVER 100+
COUNTRIES

YOUNGEST &
FASTEST GROWING
TILE COMPANY
IN INDIA

LARGEST
SINGLE
LOCATION
PLANT IN INDIA

ONE OF THE TOP 4
LISTED CERAMIC
TILE COMPANIES
IN INDIA



From ceramic tiles to latest Glazed Vitrified Tiles & Double Charge Vitrified Tiles; Roto Drum to New Digital Technology, AGL dominates the most diverse array of designs across the entire Tile, Marble & Quartz product range. Modernization plays a pivotal role for the company, which becomes evident from our 09 ultra modern plants across Gujarat. Spread over an area of 3,20,000 Sq. mt. these plants unfailingly produce unbeatable classy products every day. Therefore, we are proud to acquire the certifications from ISO and Green Building.

A : Latest Press with ultra modern feeder
B : Digital Printing Technology -13 Unit
C : World's Widest Kiln First in India
D : Auto check of planarity & rectangularity of tiles
E : Continua + latest press system from Sacmi, Italy

Asian Granito India Limited has debunked the myth that leadership in design is a forte only of foreign players by achieving the position through an ideal mix of creativity and technology. It has been the champion in introducing innovative digital printing technology with a technical collaboration with SACMI, Italy. A world-class Quality Management System has enabled us to build a portfolio that is truly avant-garde.

Awards and Recognition



Achievements of trusted and innovative brand in the ceramic industry

Today, AGL has been performed the best to give excellent product and services across the globe and in result, AGL has been recognized by top media houses like Readers' Digest, The Economic Times and Fortune India. AGL is certified with ISO 9001:2015 and ISO 14001:2015 for its quality management and environmental management system and also products are certified with CE standards.



AGL is now MEGA BRAND
Latest Recognition by ARCHITECTURE + DESIGN - 2016



ET INDUSTRY LEADERS 2021



Asian Granito India Ltd. (AGL) Associate Mr. Suresh Patel receives Energy Conservation Award from the honorable President of India.



Next Fortune 500 award by Fortune India 2019



Recognised as one of the Best Brand by The Economic Times -2022



CERTIFICATION



ISO 9001:2015
ISO 14001 : 2015

ISO 9001:2015
ISO 14001 : 2015



Certified Tow Star
Export House



GRIHA Certified for
Ceramic & Vitrified Products

SASO Certified



Awarded for
Brand Leadership

IID Certified



BIS Certification



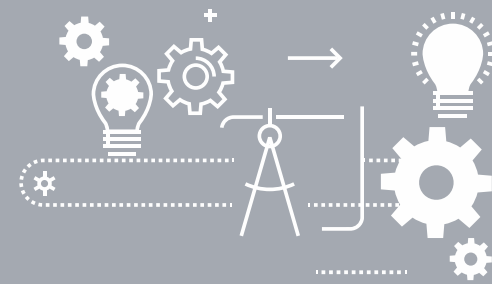
Member of
IGBC

MANY NATIONAL & INTERNATIONAL PROJECTS

Today AGL is the preferred brand for several National & International Projects. We are partnering several private residential projects, commercial projects, showrooms, port authorities, religious centers, and international projects. Here are selected few of them:



Project : Cleveland Cycle Werks Showroom



Prestigious Projects

Government Projects



Banks



Corporates



Builders



Hospital



Automobiles



Telecom



Multiplexes



Hotels



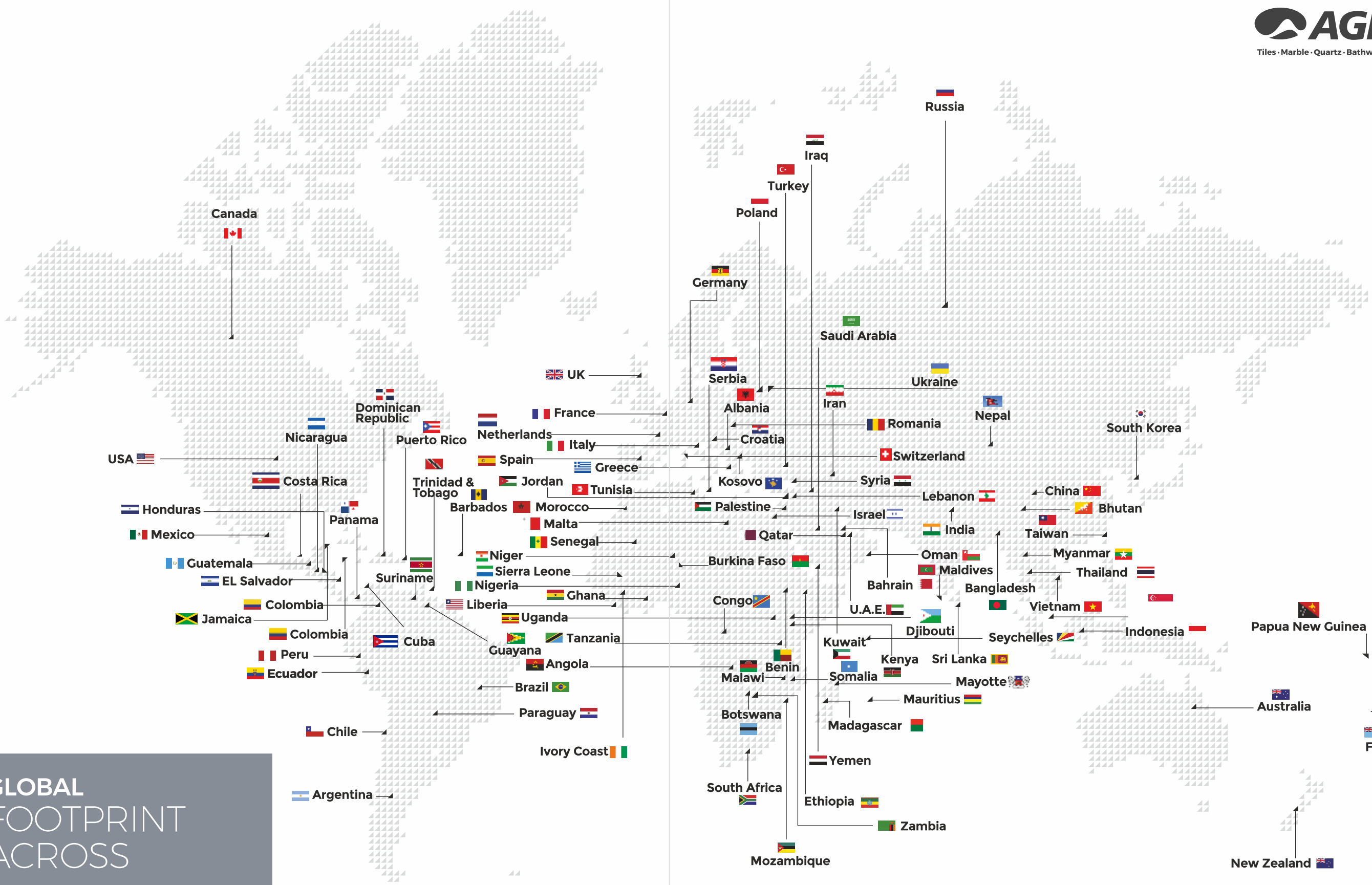
Apparel



Eatery Brands



and many more ...



GLOBAL
 FOOTPRINT
 ACROSS
100 COUNTRIES

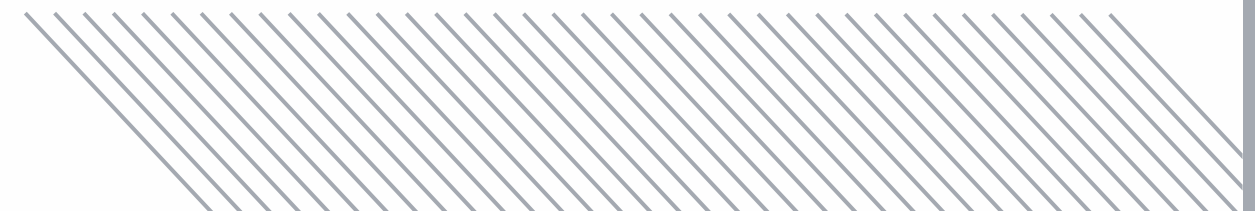
Asian Granito India Ltd.

OUR EXPERIENCE
CENTRES

"Team AGL is making efforts to simplify product selections very nearer to you. Keeping in mind better service and easy access to AGL products, your company has opened world class display centres across various metro cities of India. These showrooms are avant-garde with contemporary product applications of Tiles, Marble, Quartz and its latest Bathware range of products. We are sure that your visit to AGL showroom definitely helps you in right product selection and leave long lasting impressions in your mind. Below are few glimpse over the showroom.



AHMEDABAD | MORBI | HIMATNAGAR | MUMBAI | BANGALURU | COCHIN | HYDERABAD | PUNE | DELHI | KOLKATA

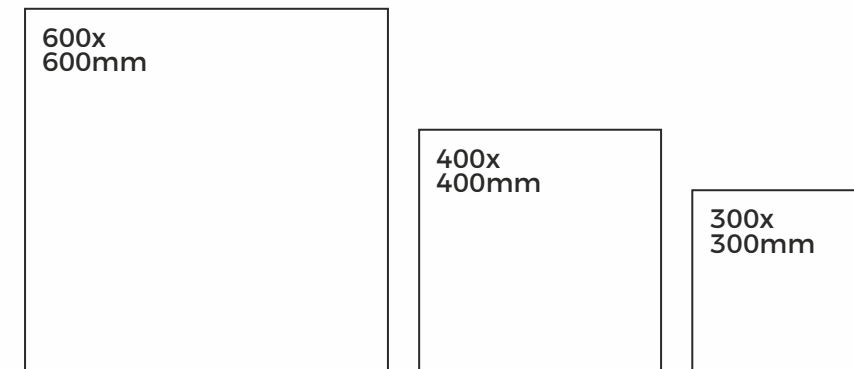


GRANDURA 
 DIGITAL VITRIFIED TILES

Explore a resilient collection of tiles crafted to make your exterior spaces look and feel robust. The strength & sturdiness of the collection is unmatched & unbeatable in every sense.















SEIZE UNMATCHED
 STRENGTH & STYLE



Add grandeur and resilience to your spaces with robust surfaces rich in aesthetics & class-apart features. The surfaces are available in 600x600mm | 400x400mm | 300x300mm sizes, are long-lasting and durable, and add infinite possibilities to outdoor spaces with multiple designs and outstanding features.

TILE FEATURES

- | | | | |
|--|--|--|--|
|  COLOUR FAST |  LOW WATER ABSORPTION |  SCRATCH RESISTANT |  FROST RESISTANCE |
|  DURABLE & LONG LASTING |  FIRE RESISTANT |  EASY TO CLEAN |  ECO FRIENDLY |
|  STAIN RESISTANT |  EASY INSTALLATION |  CHEMICAL RESISTANT |  SLIP RESISTANT |

Introducing New Sizes Soon

- | | | | |
|---|--|--|--|
| 600x 600mm 12MM Thickness | 1200x 1600mm 9MM Thickness | 800x 2600mm 15MM Thickness | 1200x 2800mm 6MM Thickness |
|---|--|--|--|

SOLAR REFLECTIVE ROOF TILES



**STAY COOL
INSIDE YOUR
HOME!!!**



ECO WHITE

Available size:
300x300mm



Saving of electricity



Heavy Duty Vitrified



Anti Skid, Anti Bacterial,
Stain Resistance



No Algae
fungal growth



Reduce surface temperature
by 4 to 5 degree Celsius

01 | SRI (Solar Reflective Index) measure a roof's ability to reject solar heat (reflectance) and the ability to emit heat out (emitances).

02 | Eco white reflects and emit the sun heat instead of absorbing it.

03 | Eco white is one that reflects the sun's heat and emits absorbed radiation back in to the atmosphere. This will keep the inside building cooler.

04 | The U.S green building councils LEED 2.2 user SRI as a way to evaluate a eco white. To get LEED accreditation, building should use a roof with minimum SRI value of 78.

05 | Eco white tile on the roof of a building can reduce inside building temperature by low degree centigrade.



ECO WHITE



COPERTA BIANCO



COPERTA GREY



COPERTA CREMA



COPERTA BLUSH



COPERTA BEIGE



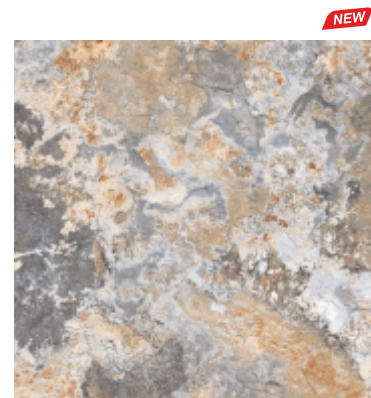
600x600mm



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AZULE BRECCIA



BRIGHT TERRAZZO



ZEBRINO GRIS



ZEBRINO CREMA



TARNISH GREY



TARNISH BROWN



BRUNO BRECCIA



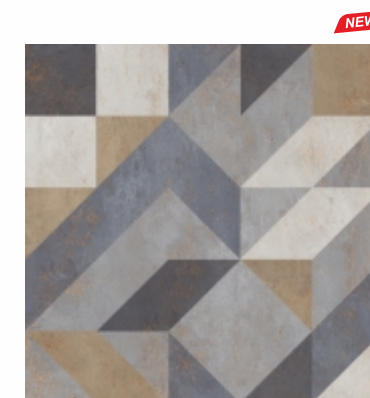
CEMENTO TERRAZZO



ZEBRINO GRIGIO



ZEBRINO CREMA DECOR



TARNISH GREY DECOR



TARNISH BROWN DECOR



600x600mm

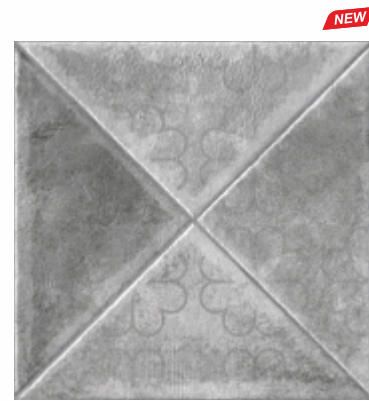


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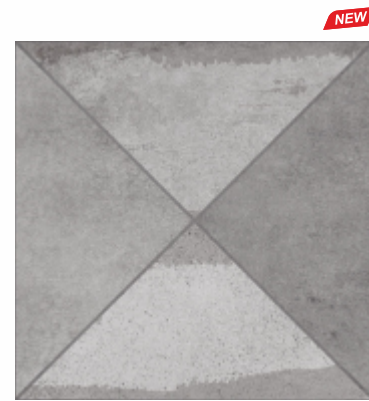
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NOVELLO GRIS



NOVELLO SLATE



NOVELLO NERO



ALTRO GREY



ALTRO BUFF



ALTRO CREMA



NOVELLO BEIGE



NOVELLO SAND



NOVELLO CREMA



ALTRO BROWN



NOVELLO BROWN



600x600mm



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MAVEN BEIGE



MAVEN COFFEE



MAVEN MIX



MAVEN STONA



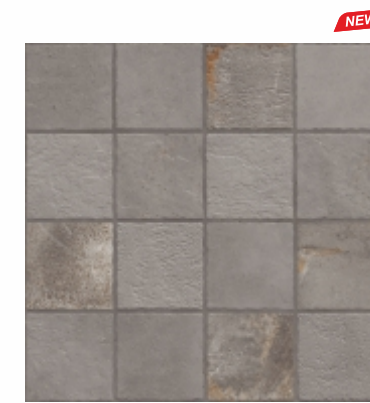
MAVEN ART



MAVEN GRIGIO



FORNIDO GRIS



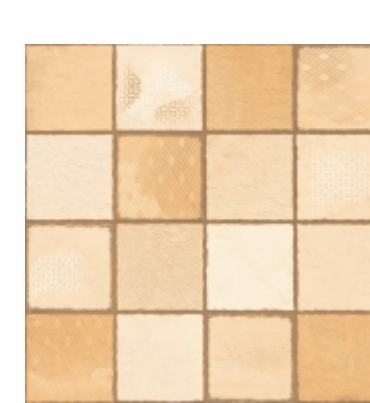
FORNIDO ASH



FORNIDO ART



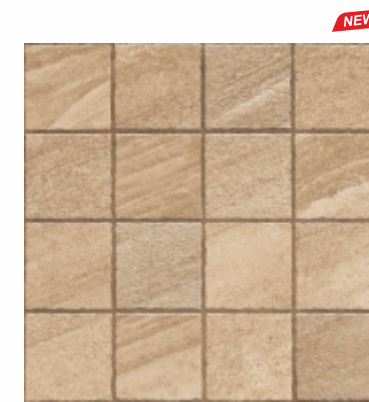
FORNIDO CREMA



FORNIDO BEIGE



FORNIDO BROWN



FORNIDO BUFF



FORNIDO MIX



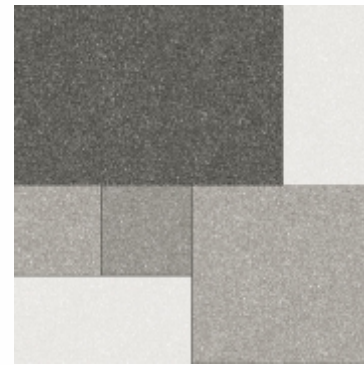


400x400mm

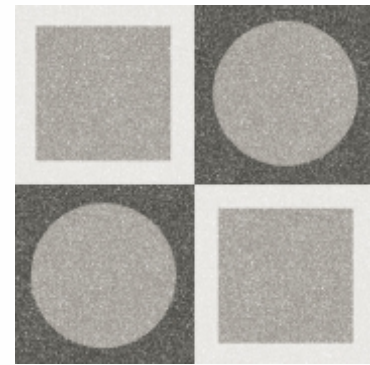


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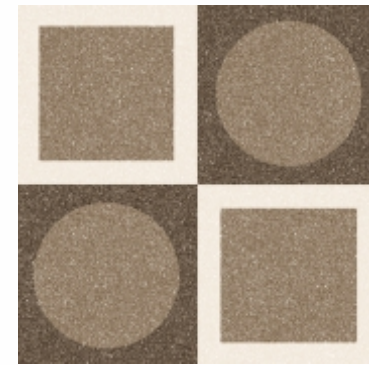
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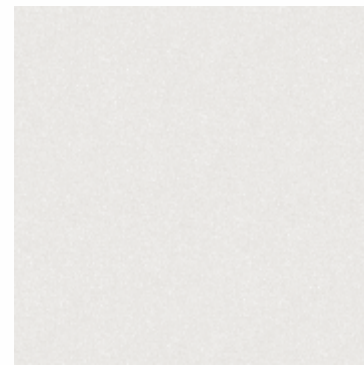
NULUXE GRIS DECOR



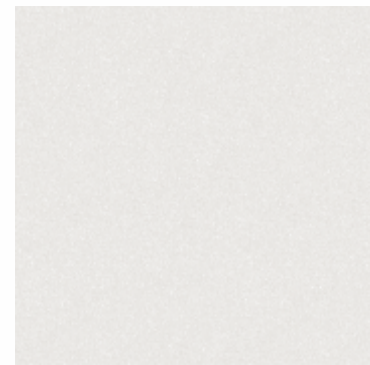
NULUXE GRIGIO DECOR



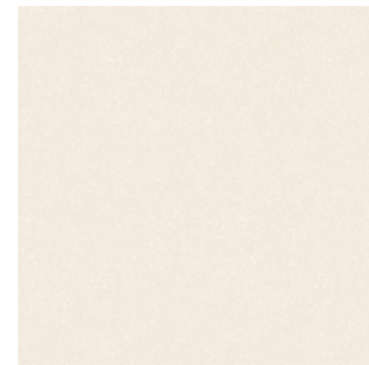
NULUXE BEIGE DECOR



NULUXE GRIS



NULUXE GRIS



NULUXE CREMA



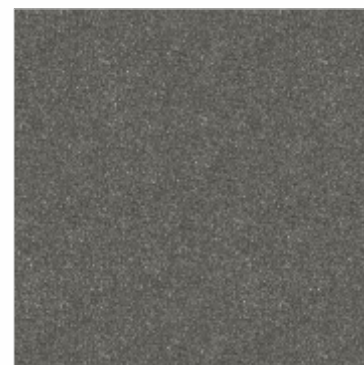
NULUXE GREY



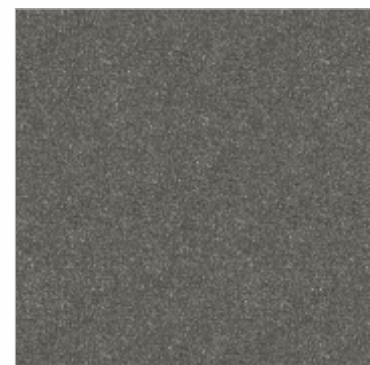
NULUXE GREY



NULUXE BEIGE



NULUXE GRIGIO



NULUXE GRIGIO



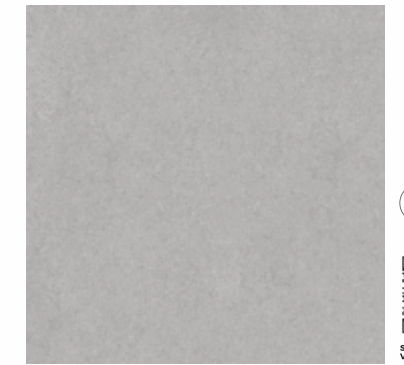
NULUXE BROWN



NOVART GRIGIO DECOR



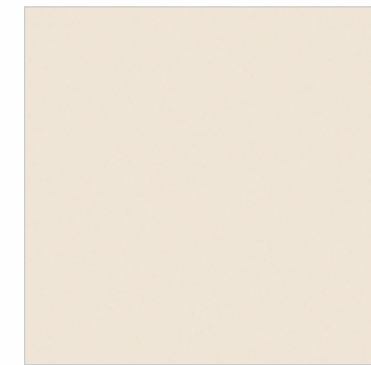
NOVART GRIS



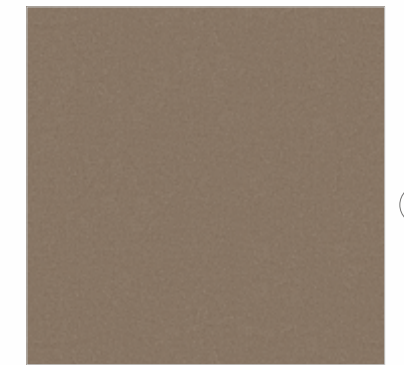
NOVART GREY



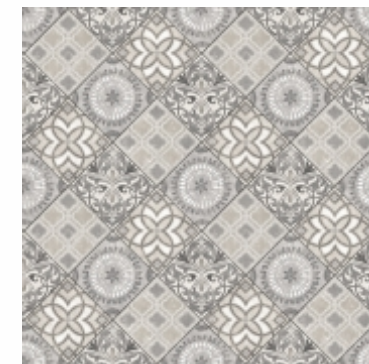
NOVART COLOR DECOR



NOVART BEIGE



NOVART BROWN



OLYMPIA ARTE



OLYMPIA GRIS



OLYMPIA GRIGIO



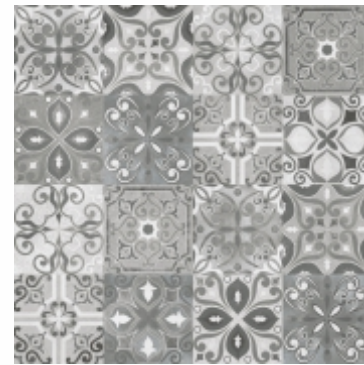
400x400mm



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VELVETE GRIGIO DECOR



FOGLIA MUSHROOM DECOR



VELVETE BROWN DECOR



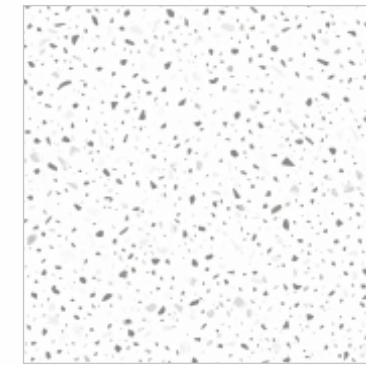
VELVETE GRIGIO



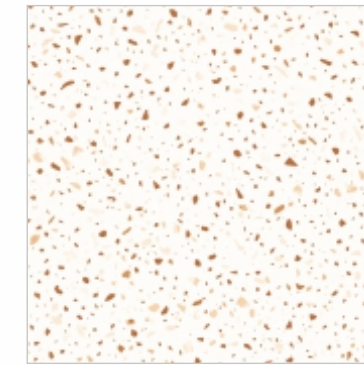
FOGLIA MUSHROOM



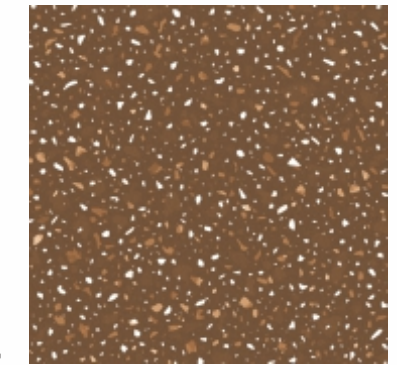
VELVETE BROWN



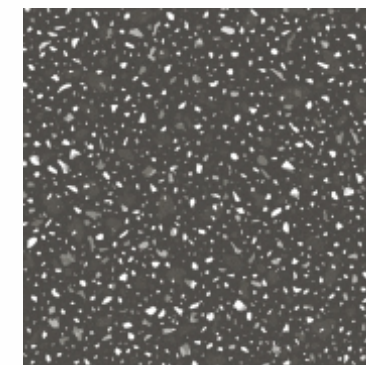
TERRAZON BIANCO



TERRAZON BEIGE



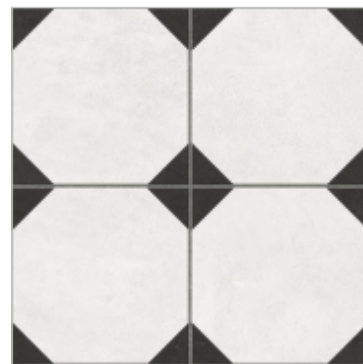
TERRAZON BROWN



TERRAZON NERO



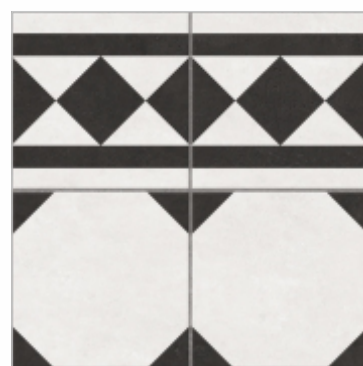
DESTREZA CHOCO DECOR



HEXARTE NERO



DESTREZA CHOCO



HEXARTE NERO DECOR-1

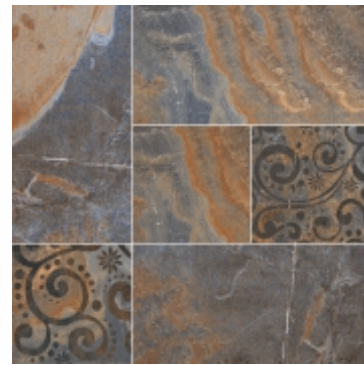


400x400mm



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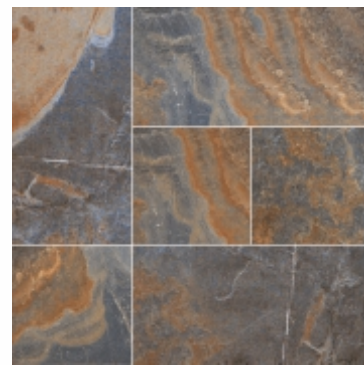
BENZIL DECOR



ALBERT DECOR



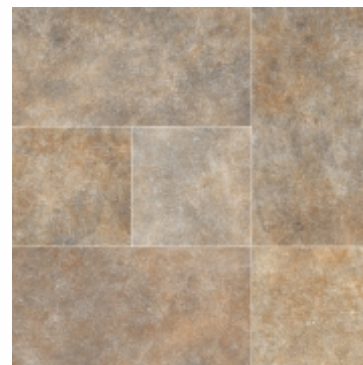
ROOST DECOR



BENZIL STONE



ALBERT STONE



ROOST STONE



GRIPSTONE BEIGE



DERIO CHARCOLE



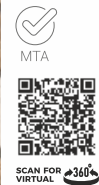
DERIO BEIGE



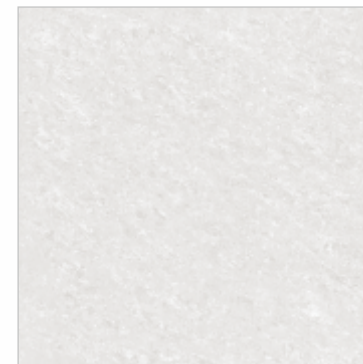
ULTRA SLATE



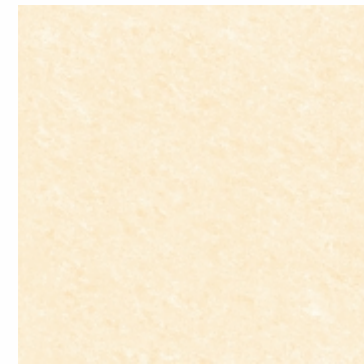
BRICKSO SLATE PLUS



BRICKSO STONE



KYORO GRIS



KYORO BEIGE



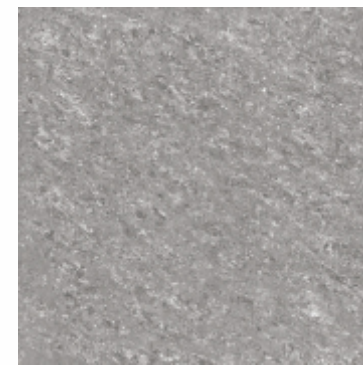
ESLATO BEIGE



RUSTYZE FUSION



BRICKSO BROWN



KYORO GRIGIO



KYORO BROWN



ESLATO BROWN

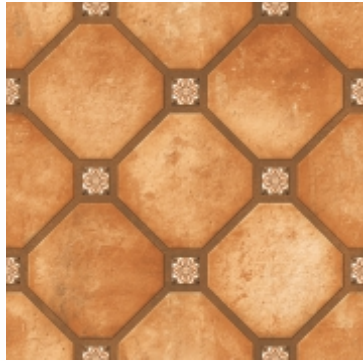
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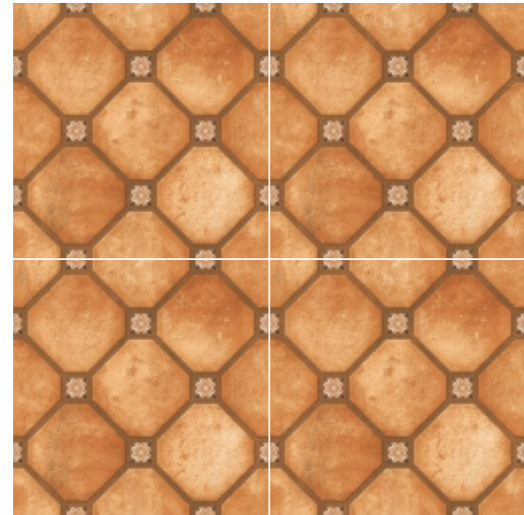
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ARMANIO BROWN



MTO



SCAN FOR VIRTUAL



ARMANIO SHINE



MTO



SCAN FOR VIRTUAL



TIMWOOD BROWN



MTO



SCAN FOR VIRTUAL



ROCTON HOTEL



400x400mm



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EMINEM STONA



SCAN FOR VIRTUAL



PEBBLEW STONA



SCAN FOR VIRTUAL



TIJLOS GRASS



SCAN FOR VIRTUAL



PEBBLEW SLATE



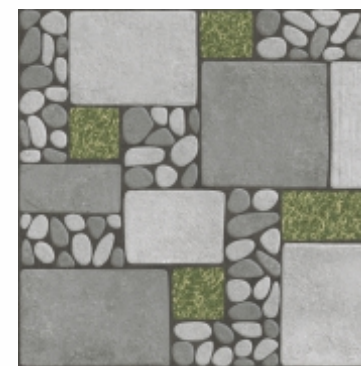
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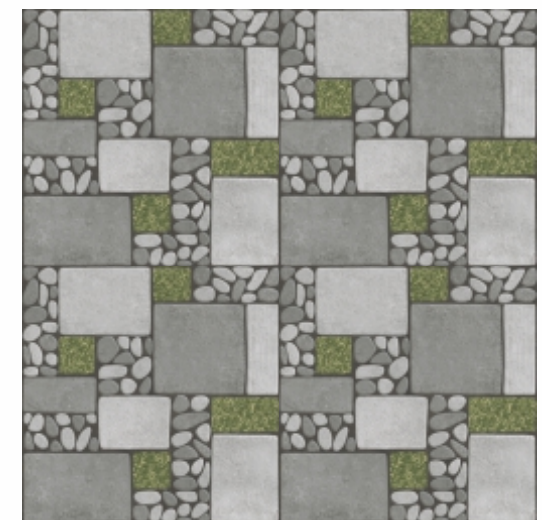
STRIPEO MAHAGONY



SCAN FOR VIRTUAL



PEBBLEW GRIGIO



SCAN FOR VIRTUAL

400x400mm



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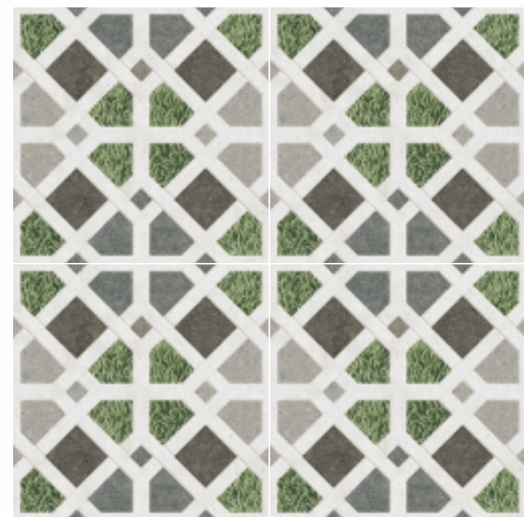
ANCHORE GRASS



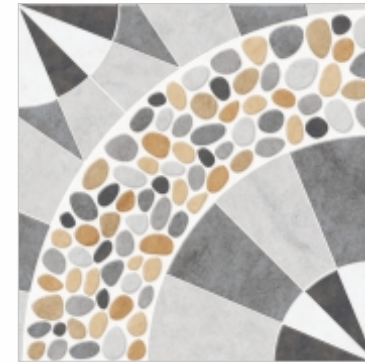
SCAN FOR VIRTUAL



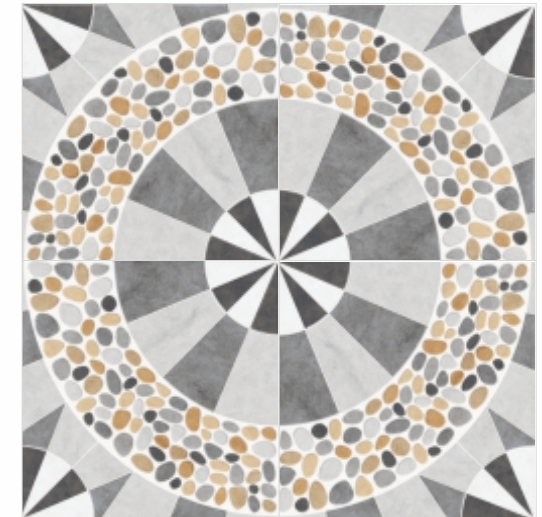
ANCHORE GRIS



SCAN FOR VIRTUAL



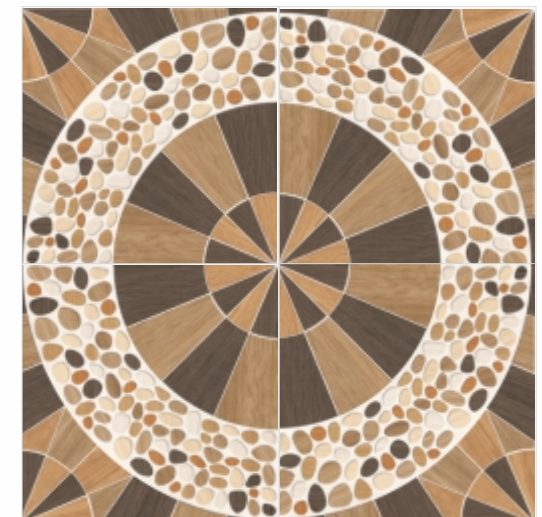
PEBBLON GRIS



SCAN FOR VIRTUAL



PEBBLON BROWN



SCAN FOR VIRTUAL



400x400mm



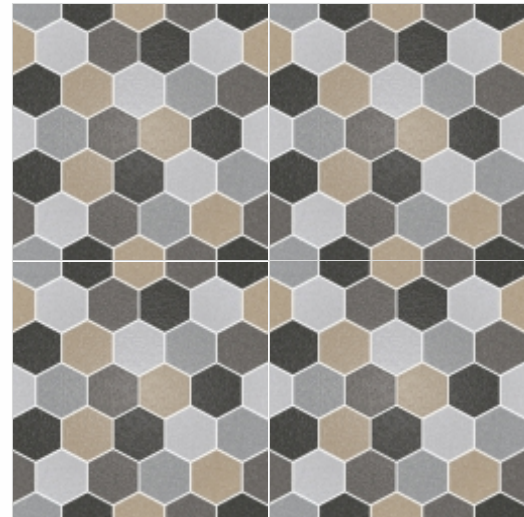
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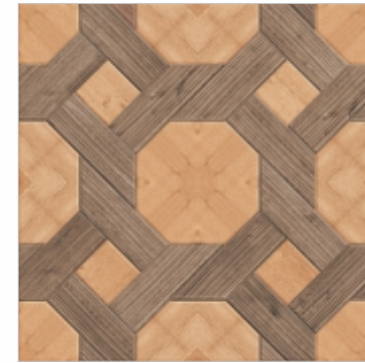
BATHWALK FUSION



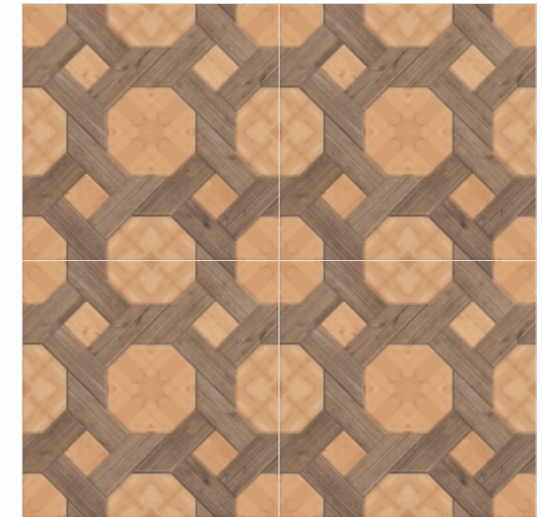
MTA



SCAN FOR VIRTUAL 



WOODY BROWN



MTA



SCAN FOR VIRTUAL 



BATHWALK RUSTY



MTA



SCAN FOR VIRTUAL 



WOODY BLUE



MTA



SCAN FOR VIRTUAL 



BATHWALK WOOD



MTA



SCAN FOR VIRTUAL 



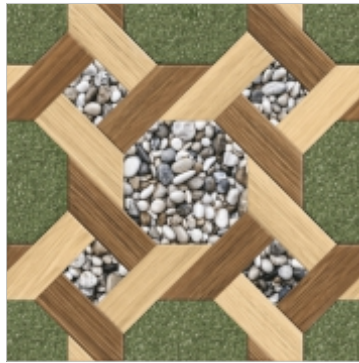
400x400mm



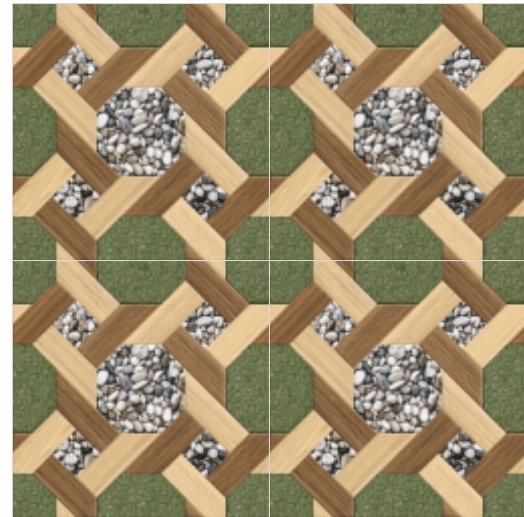
MTA - Make to Available
This product is immediately available to order.



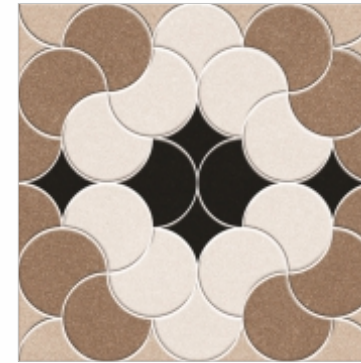
MTO - Make to Order
This product is made on order only.



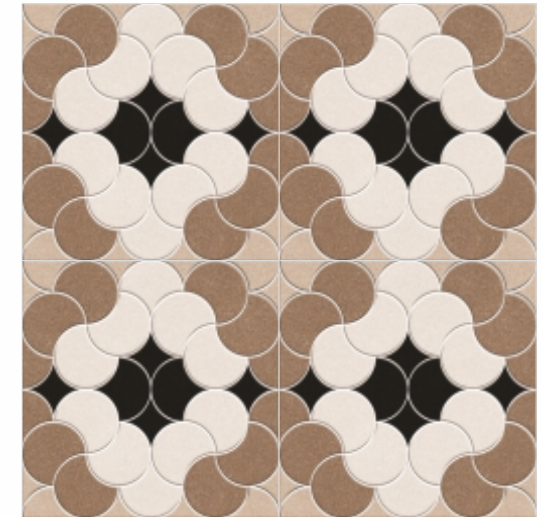
TURFTILE WOOD



SCAN FOR VIRTUAL



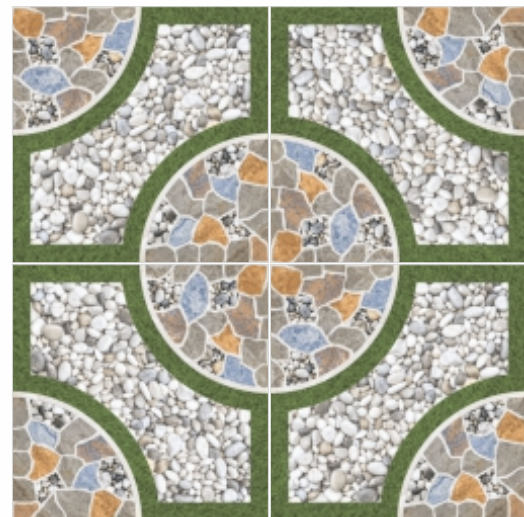
ARCAVE BROWN



SCAN FOR VIRTUAL



TURFTILE STONES



SCAN FOR VIRTUAL



CENTRIO ORANGE



SCAN FOR VIRTUAL



TURFTILE SANDSTONE



SCAN FOR VIRTUAL

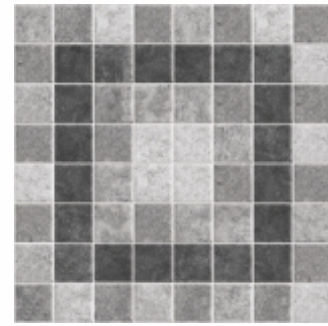




BONITO LIGHT PLUS



BONITO DARK PLUS



MOSAIC EARTH PLUS



300x300mm



MTA- Make to Available
This product is immediately available to order.



MTO- Make to Order
This product is made on order only.



Matt



Floor



VERTIC GREY



ROCK GREY PLUS



ROCK VERDE PLUS



ROCKSCAPE BROWN PLUS



ROCKSCAPE GREY PLUS




DOLOROSA COTTO PLUS

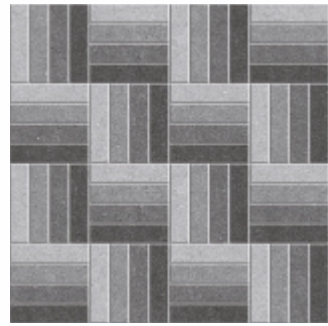




300x300mm

 **MTA** - Make to Available
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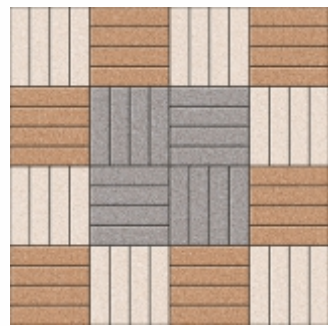
CLASSY GREY PLUS



CLASSY BLUSH PLUS



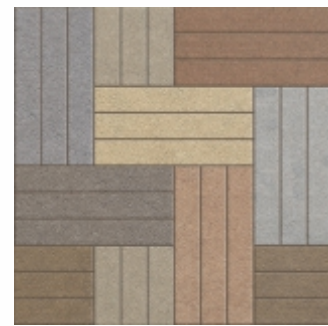
CLASSY WOOD PLUS



CLASSY SAND PLUS



HOLZ SLATE PLUS



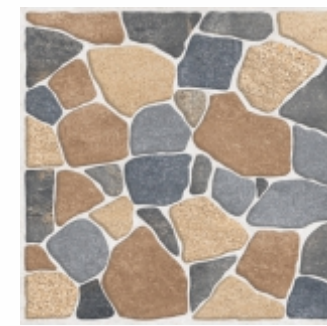
BINARY MULTI PLUS



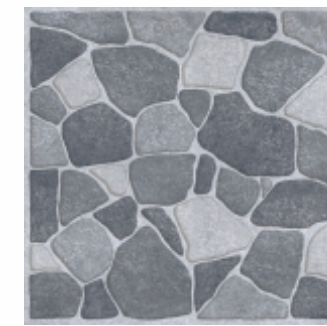
BINARY GREY PLUS



BINARYWOOD PLUS



CRACKLE BEIGE PLUS



CRACKLE SLATE PLUS





RODIZ BLUSH PLUS



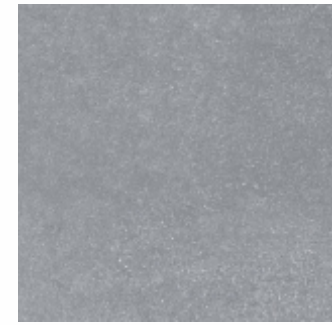
RODIZ CHOCO PLUS



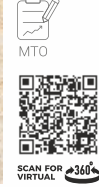
RODIZ PISTA PLUS



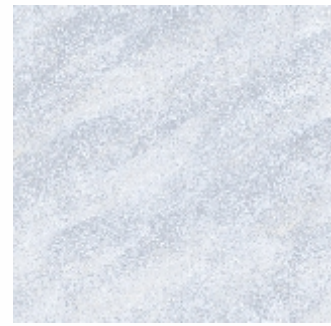
RODIZ BROWN PLUS



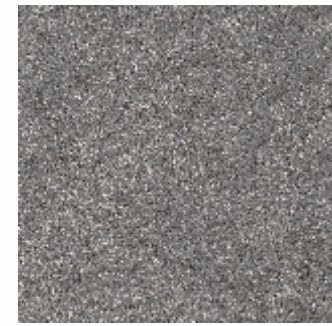
RODIZ BLUE PLUS



PETRA BEIGE PLUS



PETRA GREY PLUS



PETRA SLATE PLUS



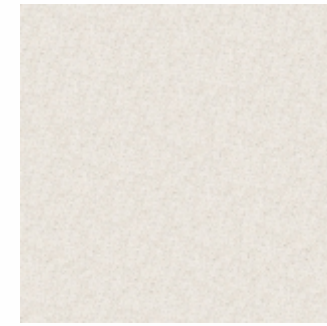
300x300mm



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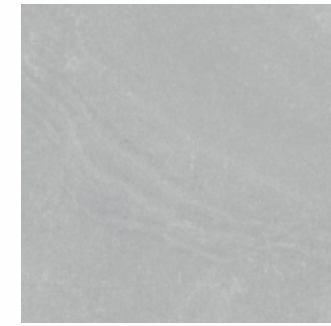
MTO - Make to Order
This product is made on order only.



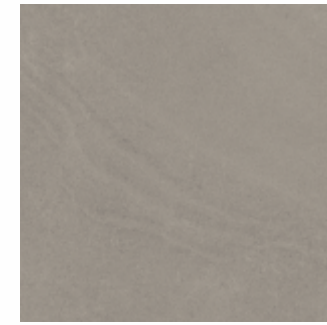
GRANO WHITE PLUS



GRANO GREY PLUS



GRANO BLUE PLUS

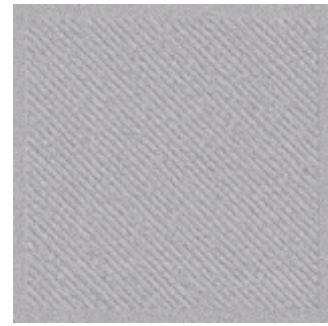


GRANO CEMENT PLUS

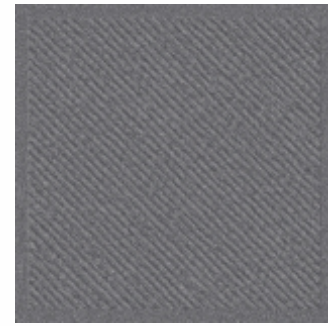




300x300mm



GEOSAND GRIS PLUS



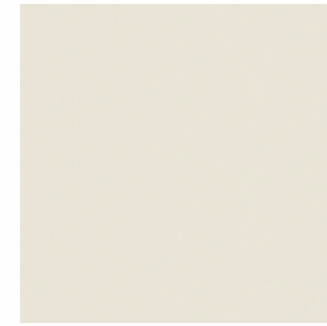
GEOSAND GREY PLUS



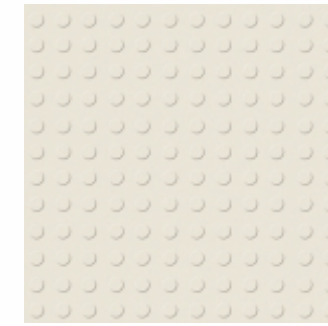
GEOSAND BROWN PLUS



300x300mm



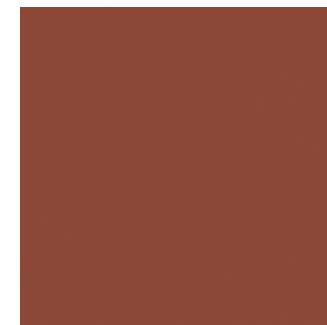
BEIGE



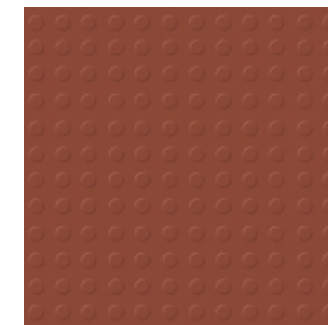
BULLET BEIGE



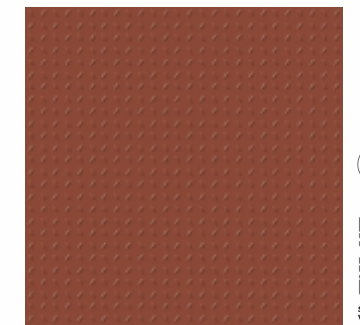
GRIT BEIGE



ROSA



BULLET ROSA



GRIT ROSA



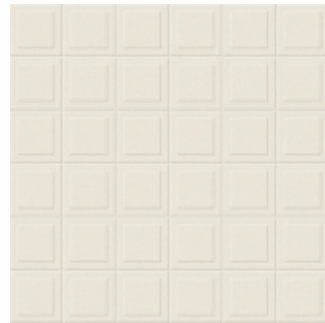


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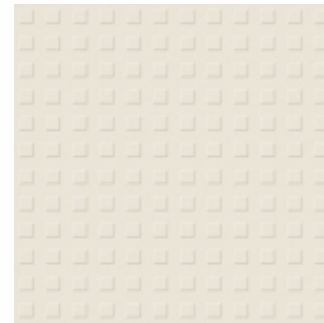
Grandura
Vitrified Exteriors
300x300mm



BLOCKS BEIGE



CURVY BEIGE



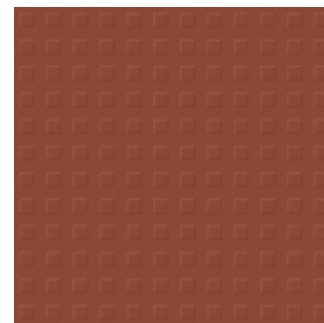
TINT BEIGE



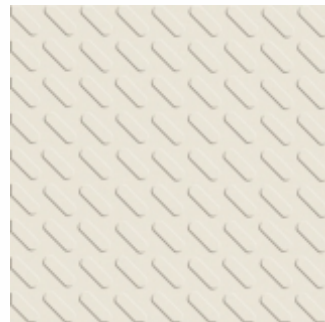
BLOCKS ROSA



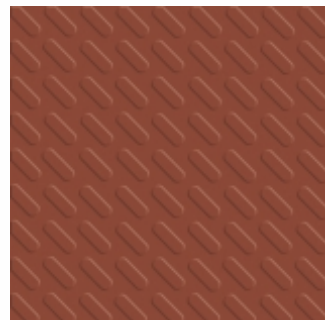
CURVY ROSA



TINT ROSA



TABULA BEIGE



TABULA ROSA



CEPT UNIVERSITY CEPT Research and Development Foundation, CEPT University
 Test Report for Solar Reflectance Index (SRI)
 ULR-TC70201800000012F
 Report No: CRDF/RPT/SRI/391
 Report Date: 26th October 2018

Report No: CRDF/RPT/SRI/391

Report Date: 26th October 2018

3. Results of the measurement:

Solar Direct Reflectance

| Sample name | Sample ID | Measurement 1 | Measurement 2 | Measurement 3 | Average |
|---------------------|----------------|---------------|---------------|---------------|---------|
| Parking Floor Tiles | SRI/10/18/1392 | 0.7067 | 0.7091 | 0.7083 | 0.7080 |

Emissivity

| Sample name | Sample ID | Measurement 1 | Measurement 2 | Measurement 3 | Average |
|---------------------|----------------|---------------|---------------|---------------|---------|
| Parking Floor Tiles | SRI/10/18/1392 | 0.918 | 0.919 | 0.919 | 0.919 |

Solar Reflectance Index (SRI) under different wind conditions

| Sample name | Sample ID | Solar Reflectance Index (SRI) | | |
|---------------------|----------------|--|--|--|
| | | Low Wind ($h_c=5 \text{ W m}^{-2} \text{ K}^{-1}$) | Medium Wind ($h_c=12 \text{ W m}^{-2} \text{ K}^{-1}$) | High Wind ($h_c=30 \text{ W m}^{-2} \text{ K}^{-1}$) |
| Parking Floor Tiles | SRI/10/18/1392 | 87 | 87 | 88 |

Surface Temperature (T_s) under different wind conditions

| Sample name | Sample ID | Surface Temperature ($^{\circ}\text{C}$) | | |
|---------------------|----------------|--|--|--|
| | | Low Wind ($h_c=5 \text{ W m}^{-2} \text{ K}^{-1}$) | Medium Wind ($h_c=12 \text{ W m}^{-2} \text{ K}^{-1}$) | High Wind ($h_c=30 \text{ W m}^{-2} \text{ K}^{-1}$) |
| Parking Floor Tiles | SRI/10/18/1392 | 56.5 | 49.4 | 43.2 |

4. 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.

Jigar Patel

Jigar Patel
Lab. Technician



Yashkumar Shukla

Yashkumar Shukla
Technical Director

Disclaimer:

- The CEPT Research and Development Foundation, CEPT University is not responsible for any kind of alterations in the physical property of the sample and the customer is solely responsible for it and its consequences.
- Result relates to the sample tested only. Sample will be destroyed after 7 days of issue of the report unless specified by the customer.
- Any complains about this report should be communicated in writing within 7 days of issue of the report.
- The test report shall not be reproduced fully or partially or in parts and cannot be used as an evidence in a court of law and shall be used in advertising media without written approval of Director, CEPT Research and Development Foundation, CEPT University.

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 Phone No: 079-26302470- Extn: 383, 26302740 Fax: +91 79 26302075 Email: ashajoshi@cept.ac.in
 Page 2 of 2



| CHARACTERISTICS | Requirement as per ISO 13006:2018 Gr Bla E ≤ 0.5% | Requirement as per IS 15622:2017 Gr Blb 0.08 ≤ E ≤ 3.0% | AGL Value | Test Method |
|--|--|--|--|------------------------------------|
| (A) DIMENSION & SURFACE QUALITY | | | | |
| Deviation In Length & Width | ± 0.3%, ± 1.0 mm | ± 0.1% | ± 0.1% | ISO 10545 Part-2 IS 13630 Part-1 |
| Deviation In Thickness | ± 5.0%, ± 0.5 mm | ± 5.0% | ± 3.0% | ISO 10545 Part-2 IS 13630 Part-1 |
| Straightness of Edge | ± 0.3%, ± 0.8 mm | ± 0.1% | ± 0.1% | ISO 10545 Part-2 IS 13630 Part-1 |
| Rectangularity | ± 0.3%, ± 1.5 mm | ± 0.1% | ± 0.1% | ISO 10545 Part-2 IS 13630 Part-1 |
| Surface Flatness | ± 0.4%, ± 1.8 mm | ± 0.5% | ± 0.2% | ISO 10545 Part-2 IS 13630 Part-1 |
| Surface Quality | Min. 95% of Tiles shall be free from visible defects that would impair the appearance of a major area of the tiles | Min. 95% of Tiles shall be free from visible defects that would impair the appearance of a major area of the tiles | Min. 95% of Tiles shall be free from visible defects that would impair the appearance of a major area of the tiles | ISO 10545 Part-2 IS 13630 Part-1 |
| Solar Reflectance Index (SRI) | | | Min 75 | |
| (B) PHYSICAL & THERMAL PROPERTIES | | | | |
| Water Absorption % By Wt. | ≤ 0.5, Ind. 0.6 Max. | 0.08 ≤ E ≤ 3.0, Ind. 3.3 Max. | ≤ 0.5% | ISO 10545 Part-3 IS 13630 Part-2 |
| Flexural Strength (MOR) In N/mm ² | Avr. 30, Ind. Min. 27 | Avr. 30, Ind. Min. 27 | ≥ 35 N/mm ² | ISO 10545 Part-4 IS 13630 Part-6 |
| Breaking Strength in N | 1300 N Min. | 1100 N Min. | > 1800 N | ISO 10545 Part-4 IS 13630 Part-6 |
| Bulk Density (gm/cc) | 2.0 Min. | 2.0 Min. | ≥ 2.2 | ISO 10545 Part-3 IS 13630 Part-2 |
| Resistance to Surface Abrasion | Manufacturer to State Class | PEI II Min | Min PEI IV | ISO 10545 Part-7 IS 13630 Part-11 |
| Co-efficient of Linear Thermal Expansion from ambient temp to 100°C (K ⁻¹) | 9x10 ⁻⁶ Max. | 7x10 ⁻⁶ Max. | ≤ 6x10 ⁻⁶ | ISO 10545 Part-8 IS 13630 Part-4 |
| Thermal Shock Resistance | 10 Cycle Min. | 10 Cycle Min. | No Damage after 10 Cycles | ISO 10545 Part-9 IS 13630 Part-5 |
| Moisture Expansion in mm/M | Test Method Available | 0.02 Max. | Nil | ISO 10545 Part-10 IS 13630 Part-3 |
| Crazing Resistance | Required | 4 Cycle at 7.5 bar Min. | Resistance | ISO 10545 Part-11 IS 13630 Part-9 |
| Frost Resistance | Resistance | Resistance | Resistance | ISO 10545 Part-12 IS 13630 Part-10 |
| Moh'S Scratch Hardness | Min. 5 | Min. 5 | ≥ 7 | EN 101 IS 13630 Part-13 |
| (C) CHEMICAL PROPERTIES | | | | |
| Resistance To House hold Chemicals | No Damage | Min. Class AA | Class AA | ISO 10545 Part-13 IS 13630 Part-8 |
| Resistance To Acids & Alkalis (Except HF Acid) | No Damage | Min. Class AA | Class AA | ISO 10545 Part-13 IS 13630 Part-8 |
| Stain Resistance | Min. Class 3 | Min. Class 1 | Class 1 | ISO 10545 Part-14 IS 13630 Part-8 |

Packing Specification

| Size (mm) | Thickness (mm) | Weight (Kg.) | No. of Tiles / Box | Area Sq. mtr./ Box |
|-----------|----------------|--------------|--------------------|--------------------|
| 300x300mm | 9mm | 14 | 08 pcs. | 0.72m ² |



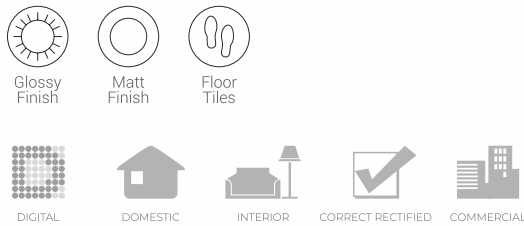
| CHARACTERISTICS | Requirement as per ISO 13006:2018 Gr Bla E ≤ 0.5% | Requirement as per IS 15622:2017 Gr Blb 0.08 ≤ E ≤ 3.0% | AGL Value | Test Method |
|--|--|--|--|------------------------------------|
| (A) DIMENSION & SURFACE QUALITY | | | | |
| Deviation In Length & Width | ± 0.3%, ± 1.0 mm | ± 0.1% | ± 0.1% | ISO 10545 Part-2 IS 13630 Part-1 |
| Deviation In Thickness | ± 5.0%, ± 0.5 mm | ± 5.0% | ± 3.0% | ISO 10545 Part-2 IS 13630 Part-1 |
| Straightness of Edge | ± 0.3%, ± 0.8 mm | ± 0.1% | ± 0.1% | ISO 10545 Part-2 IS 13630 Part-1 |
| Rectangularity | ± 0.3%, ± 1.5 mm | ± 0.1% | ± 0.1% | ISO 10545 Part-2 IS 13630 Part-1 |
| Surface Flatness | ± 0.4%, ± 1.8 mm | ± 0.5% | ± 0.2% | ISO 10545 Part-2 IS 13630 Part-1 |
| Surface Quality | Min. 95% of Tiles shall be free from visible defects that would impair the appearance of a major area of the tiles | Min. 95% of Tiles shall be free from visible defects that would impair the appearance of a major area of the tiles | Min. 95% of Tiles shall be free from visible defects that would impair the appearance of a major area of the tiles | ISO 10545 Part-2 IS 13630 Part-1 |
| (B) PHYSICAL & THERMAL PROPERTIES | | | | |
| Water Absorption % By Wt. | ≤ 0.5, Ind. 0.6 Max. | 0.08 ≤ E ≤ 3.0 Ind. 3.3 Max. | ≤ 0.5 | ISO 10545 Part-3 IS 13630 Part-2 |
| Flexural Strength (MOR) In N/mm ² | Avr. 30, Ind. Min. 27 | Avr. 30, Ind. Min. 27 | ≥ 35 N/mm ² | ISO 10545 Part-4 IS 13630 Part-6 |
| Breaking Strength in N | 1300 N Min. | 1100 N Min. | > 1800 N | ISO 10545 Part-4 IS 13630 Part-6 |
| Bulk Density (gm/cc) | 2.0 Min. | 2.0 Min. | ≥ 2.2 | ISO 10545 Part-3 IS 13630 Part-2 |
| Resistance to Surface Abrasion | Manufacturer to State Class | PEI II Min | Min. PEI IV | ISO 10545 Part-7 IS 13630 Part-11 |
| Co-efficient of Linear Thermal Expansion from ambient temp to 100°C (K ⁻¹) | 9x10 ⁻⁶ Max. | 7x10 ⁻⁶ Max. | ≤ 6x10 ⁻⁶ | ISO 10545 Part-8 IS 13630 Part-4 |
| Thermal Shock Resistance | 10 Cycle Min. | 10 Cycle Min. | No Damage after 10 Cycles | ISO 10545 Part-9 IS 13630 Part-5 |
| Moisture Expansion in mm/M | Test Method Available | 0.02 Max. | Nil | ISO 10545 Part-10 IS 13630 Part-3 |
| Crazing Resistance | Required | 4 Cycle at 7.5 bar Min. | Resistance | ISO 10545 Part-11 IS 13630 Part-9 |
| Frost Resistance | Resistance | Resistance | Resistance | ISO 10545 Part-12 IS 13630 Part-10 |
| Moh'S Scratch Hardness | Min. 5 | Min. 5 | ≥ 7 | EN 101 IS 13630 Part-13 |
| (C) CHEMICAL PROPERTIES | | | | |
| Resistance To House hold Chemicals | No Damage | Min. Class AA | Class AA | ISO 10545 Part-13 IS 13630 Part-8 |
| Resistance To Acids & Alkalis (Except HF Acid) | No Damage | Min. Class AA | Class AA | ISO 10545 Part-13 IS 13630 Part-8 |
| Stain Resistance | Min. Class 3 | Min. Class 1 | Class 1 | ISO 10545 Part-14 IS 13630 Part-8 |

Packing Specification

| Size (mm) | Thickness (mm) | Weight (Kg.) | No. of Tiles / Box | Area Sq. mtr./ Box |
|-----------------------|----------------|--------------|--------------------|--------------------|
| 600x600mm (Grandura+) | 12 mm | 27.5 kg. | 03 pcs. | 1.08m ² |
| 400x400mm (Grandura+) | 12 mm | 19.5 kg. | 05 pcs. | 0.80m ² |
| 300x300mm (Grandura+) | 9 mm | 14.5 kg. | 08 pcs. | 0.72m ² |
| 300x300mm (Grandura) | 9 mm | 17.5 kg. | 10 pcs. | 0.90m ² |

Notes & Recommendation

UNDERSTANDING ICONS



APPLICATION



NOTES

- All Technical Specifications in This Catalogue are for Premium Grade Material only.
 - SHADE/SIZE VARIATION are inherent characteristics to ceramics. Certain products purposely have variations which are part of design & process. The same have been indicated.
 - It is recommended to blend tiles by mixing tiles from various boxes & check for natural hue before fixing the tiles.
 - It is recommended to check the tiles before laying/fixing. Quality standards cover 1st/Premium Quality only.
 - Company's liability is limited on material that has not been laid.
 - NO COMPLAINT SHALL BE ENTERTAINED ON TILES ALREADY FIXED/LAID.
 - The liability is also limited to the material supplied by the company; no other claim is entertained under any circumstances.
 - No complaint is entertained on decoration done on tiles, other than the ones done by Asian Granito India Ltd.
- GENERAL NOTE : Any complaint must be brought to the company's notice within 10 days of purchase & before fixing of tiles.

How to avoid defects & complaints :

- Use good quality Tiles
- Choose good quality Tiles, with proper consideration to area intended of usage.
- Avoid careless laying of Tiles
- Avoid poor maintenance-for instance, by cleaning with strong Chemicals or with abrasive equipment e.g. metallic scrubber
- Always keep Tiled area clean & ensure dusting/mopping regularly
- Put Doormats/Foot-mats at all strategic locations to avoid loose debris/dust from entering the Tiled area

List of Detergents For Removal of Stain

| STAIN (Created By) | Beer | Blood | Calcar | Cement | Cigarette | Soft Drinks | Coffee | Edible Oil | Glue | Ice Cream | Ink | Juices | Marker Ink | Nicotine | Paints | Resin | Rust | Tar | Tea | Turmeric | Wine |
|---|------|-------|--------|--------|-----------|-------------|--------|------------|------|-----------|-----|--------|------------|----------|--------|-------|------|-----|-----|----------|------|
| SOLVENTS (Turpentine, acetone, trichloroety - line etc.) | | | | | | | | • | • | | • | | • | | | | | • | | | |
| SODIUM HYPO (Chlorite (NaOCL)) | | | | | | | | | | | | • | | | | | | | • | | |
| ACIDS DILUTED (Hydrochloric acid*) | | | • | • | • | | | | | | • | | | • | • | | • | | | • | |
| ALKALI (Sodium hydroxide/potassium hydroxide) | • | • | | | | • | • | | | • | | | | | | | | | | | • |

*Commercial grade shall not be used

DISCLAIMER : Asian Granito India Ltd. reserves the right to delete & amend either totally or partially, any of the colors, shapes, sizes, references and other technical specifications contained in this catalogue at anytime. The colors shown of tiles in this catalogue are purely illustrative and limited to printing process. Please refer actual sample before final selection. The details of sizes, colors, references should be verified for typographical errors. All complaints need to be reported within 10 days of purchase. Always follow instructions to avoid complaint due to bad masonry.

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TAMIL NADU

■ **AGL Office - Trichy**
 Mark Diamond Residency, No-36,
 V O C Road, cantonment. Trichy - 620001
 Mobile: 90161 13976

■ **AGL Office - Coimbatore**
 No .70, Dr. Alagappa Road, Tatabad.
 Coimbatore - 641 012
 Mobile: 90161 13976

TELANGANA

■ **AGL Display Centre - Hyderabad**
(Marblex & Grestek)
 202 Kurve Elite, 2nd Floor, 8-3-833/58 & 47,
 Plot No. 58, Phase-1, Kamala Puri Colony Main Rd,
 Opp. Krishe Meadows, Hyderabad-500073
 Mobile: 96420 00336 / 77779 15632
 E-mail: hydgv1@aglasiangranito.com

■ **AGL Display Centre - Hyderabad**
 # 8-2-294/82,Plot No. 39, Road No. 5,
 Jubileehills Land Mark, Near Venkatagiri Bustop.
 (Dominos Pizza) Metro Pillar No.3,
 Hyderabad-500033
 Mobile: 96420 11146
 E-mail: hydshowroom@aglasiangranito.com

KARNATAKA

■ **AGL Display Centre - Bangalore**
Asian Granito India Ltd., Region Office
 Brahmananda Court, No.37/17, Nr. ICIC Bank,
 Lalbagh Road, Bangalore - 560027 Karnataka
 Mobile: 81605 21204
 E-mail: bangloreshowroom@aglasiangranito.com

KERALA

■ **AGL Display Centre - Kochin**
 No.51/2910 D2 Adjacent To Bread World,
 Thykoodam Bridge Service Road,
 Vyttila Kochin - 682019
 Mobile: 80866 61920 / 78618 09641
 E-mail: cochinshowroom@aglasiangranito.com

WEST BENGAL

■ **AGL Display Centre - Kolkata**
 5th Floor, Office No. 5A, PS SOLARIS Building,
 113/H, Opp. Flaming Hospital. Matheswartala Rd.
 Topsia. Kolkata 7000046.
 Mobile: 85840 65565
 E-mail: kolkattashowroom@aglasiangranito.com

ODISHA

■ **AGL Office - Odisha**
 Plot No-83/C, Jayadurga Nagar Bomikhal,
 Bomikhal, Cuttack-Puri Road,
 Bhubaneswar-751006
 Mobile: 78618 09594 / 78944 35425

UTTAR PRADESH

■ **AGL Display Centre - Noida**
 F-15, Ground Floor, Sector 8,
 Gautam Buddha Nagar,
 Noida - 201301 Uttar Pradesh
 Mobile: 7861806229

PUNJAB

■ **AGL Office - Chandigarh**
 CCC Chandigarh City Center, Block A 3rd Floor,
 Soho 325, Vip Road, Near Metro Zirakpur,
 Chandigarh Punjab-140603
 Mobile : 93163 13880 / 99882 22471

■ Office only ■ Display Centre & Office