

DURASTONE

HEAVY DUTY VITRIFIED TILES

SOMANY

Tiles | Bathware

ZAMEEN SE JUDEY

HEAVY DUTY VITRIFIED TILES

600x1200mm | 300x1200mm | 200x1200mm

600x600mm | 400x400mm | 300x300mm



UNIT-3 FOR ALL INDIA



600x600mm
Heavy Duty
Vitrified Tiles

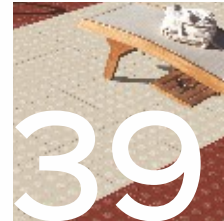
STONE 16
STONE 10



**STEPS
RISER**
600x1200mm
300x1200mm
200x1200mm



400x400mm
Ultra Strong
Outdoor Vitrified Tiles

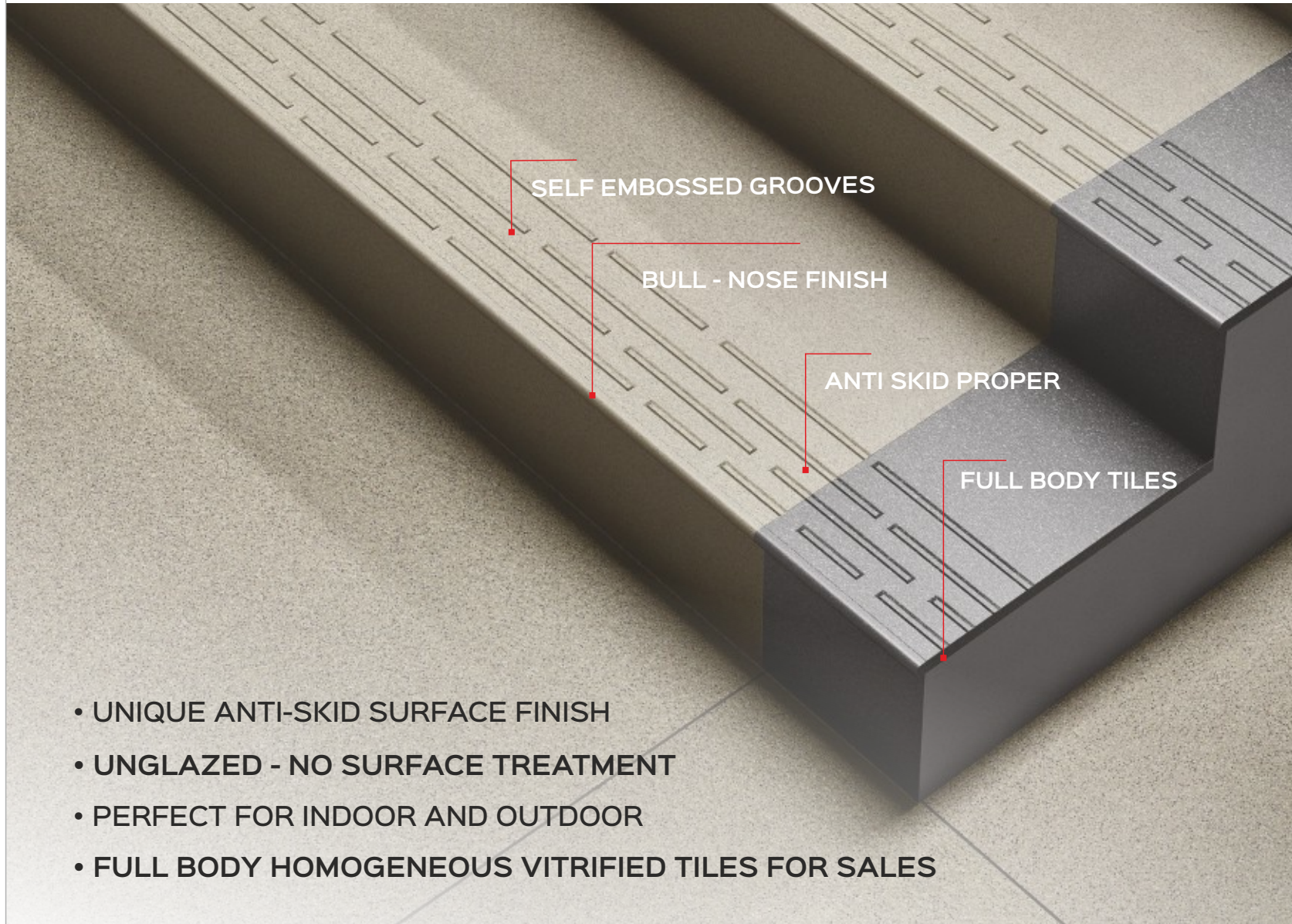


300x300mm
Heavy Duty
Vitrified Tiles

INDEX

REVOLUTIONARY TILES FOR THE STEPS RISERS

DURASTONE™
HEAVY DUTY VITRIFIED TILES



- UNIQUE ANTI-SKID SURFACE FINISH
- UNGLAZED - NO SURFACE TREATMENT
- PERFECT FOR INDOOR AND OUTDOOR
- FULL BODY HOMOGENEOUS VITRIFIED TILES FOR SALES



Research team at Somany have come up with a unique and practical product for stairways... Steps Riser Tiles. This utility product is available in trendy and wide range of designs that can adapt your environment effortlessly...

600x1200mm | 300x1200mm | 200x1200mm

APPLICATION AREAS





GRANDSTONE SAHARA | LARGO S STEPON BEIGE | RISER BEIGE
GRANDSTONE COFFEE | LARGO S STEPON MAROON | RISER MAROON



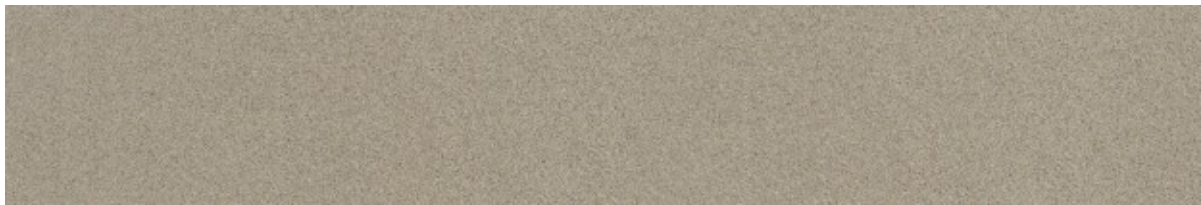
GRANDSTONE VERDE

600x1200mm



LARGO S STEPON VERDE

300x1200mm



RISER VERDE

200x1200mm



Anti Skid



High Flexural Strength



Wear Resistance



Fire Resistance



Frost Resistance



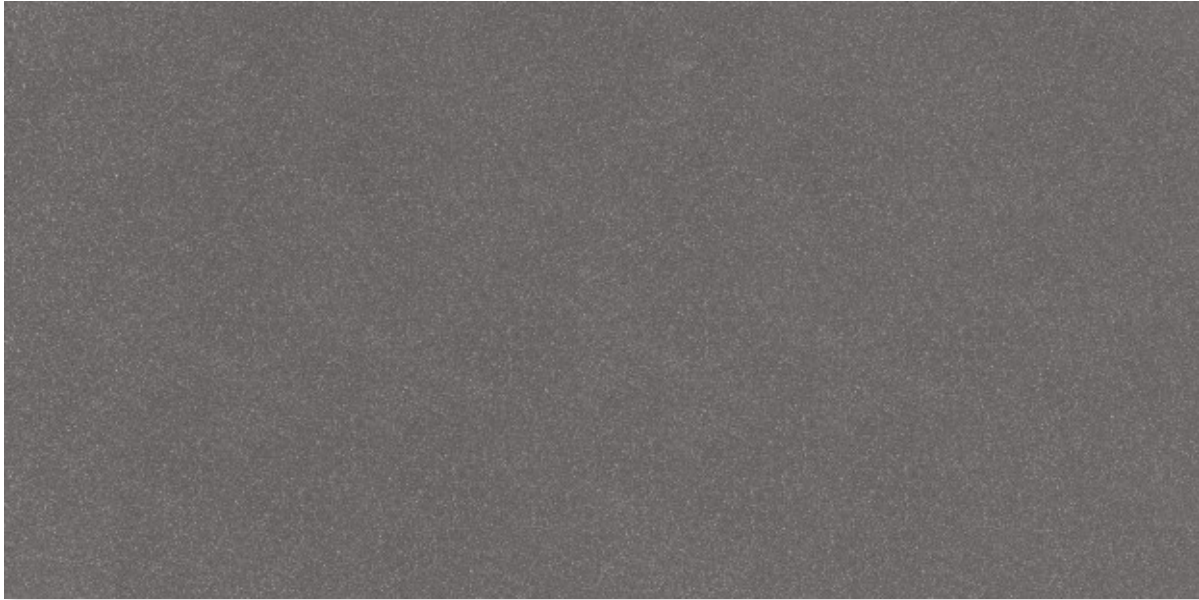
Chromatic Properties



Eco Friendly & Recyclable

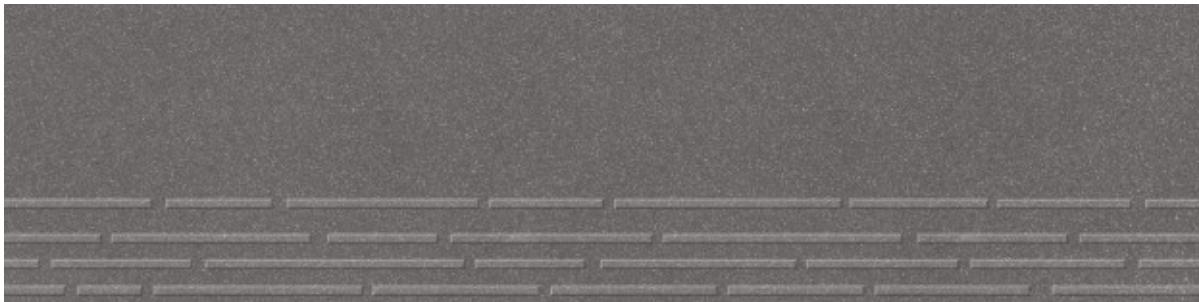


Chemical Resistance



GRANDSTONE NEGRO

600x1200mm



LARGO S STEPON GREY DARK

300x1200mm



RISER GREY DARK

200x1200mm



Anti Skid



High Flexural Strength



Wear Resistance



Fire Resistance



Frost Resistance



Chromatic Properties



Eco Friendly & Recyclable



Chemical Resistance

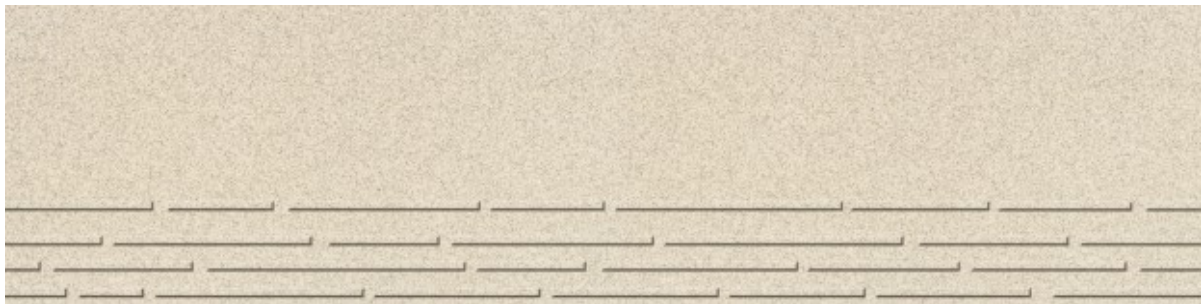


LARGO S STEPON GREY DARK | RISER GREY DARK | GRANDSTONE NEGRO
GRANDSTONE VERDE | LARGO S STEPON VERDE | RISER VERDE



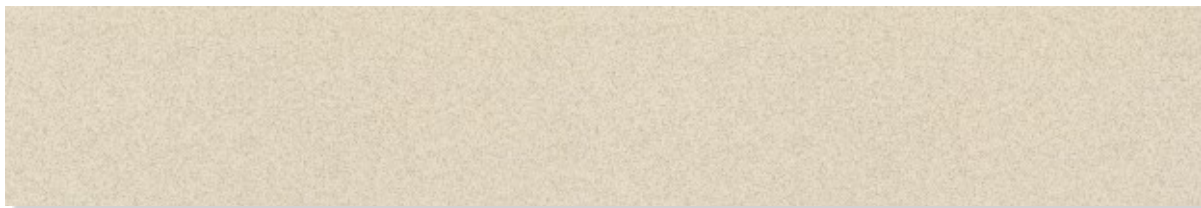
GRANDSTONE SAHARA

600x1200mm



LARGO S STEPON BEIGE

300x1200mm



RISER BEIGE

200x1200mm



Anti Skid



High Flexural Strength



Wear Resistance



Fire Resistance



Frost Resistance



Chromatic Properties



Eco Friendly & Recyclable



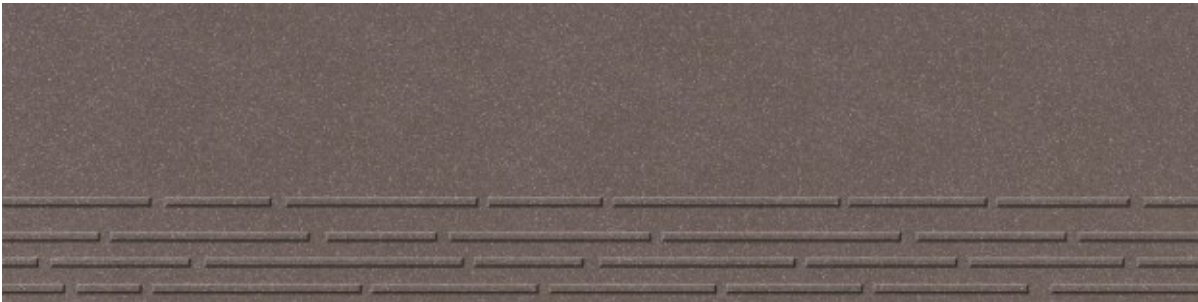
Chemical Resistance





GRANDSTONE COFFEE

600x1200mm



LARGO S STEPON MAROON

300x1200mm



RISER MAROON

200x1200mm



Anti Skid



High Flexural Strength



Wear Resistance



Fire Resistance



Frost Resistance



Chromatic Properties



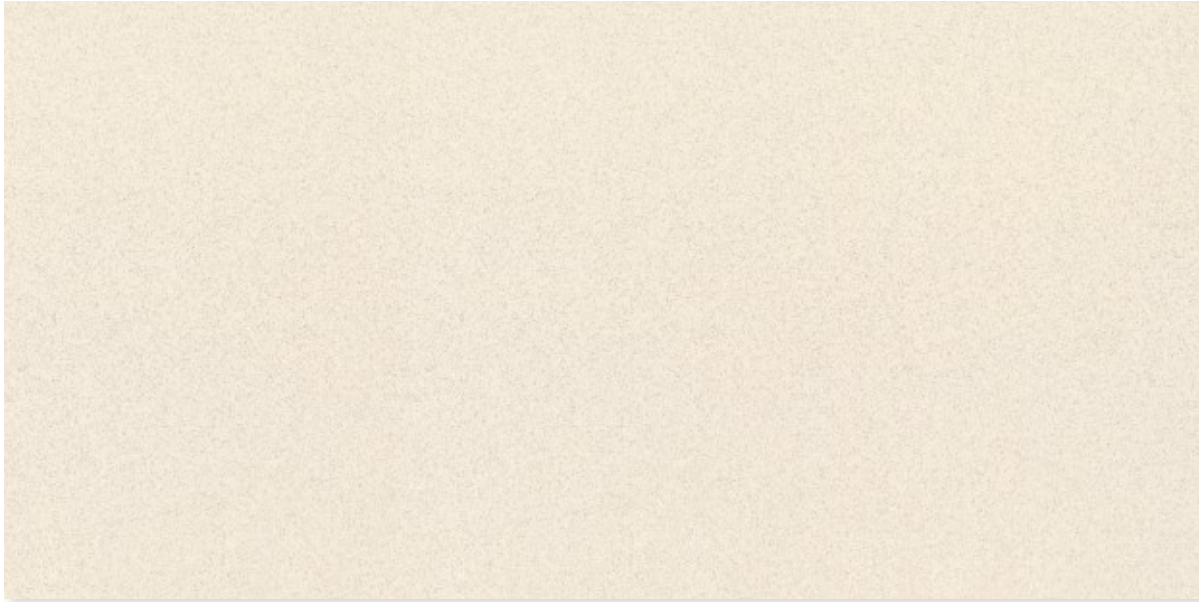
Eco Friendly & Recyclable



Chemical Resistance

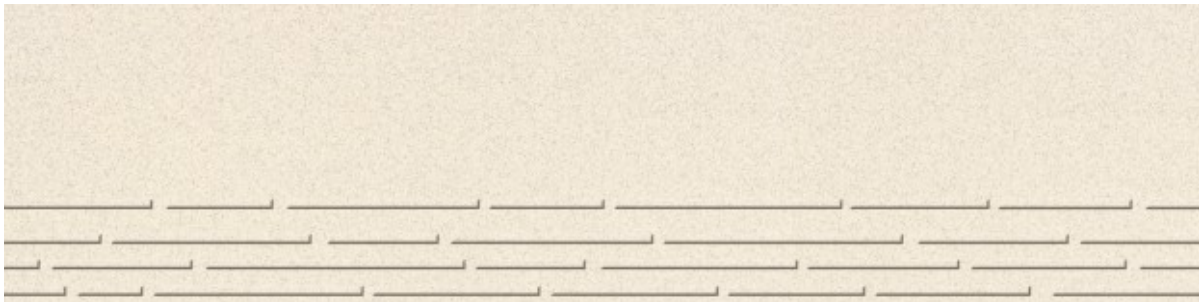


GRANDSTONE CREM | LARGO S STEPON CREMA
RISER CREMA



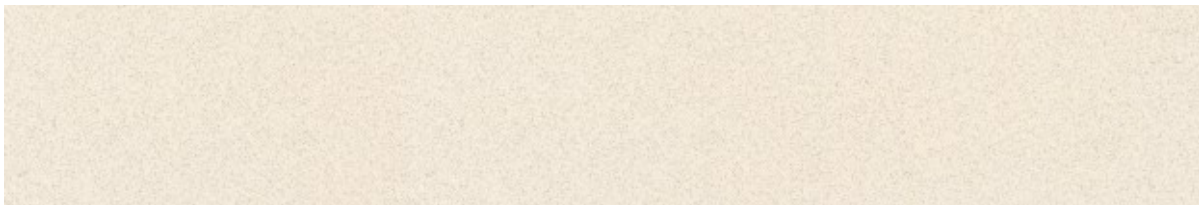
GRANDSTONE CREMA

600x1200mm



LARGO S STEPON CREMA

300x1200mm



RISER CREMA

200x1200mm



Anti Skid



High Flexural Strength



Wear Resistance



Fire Resistance



Frost Resistance



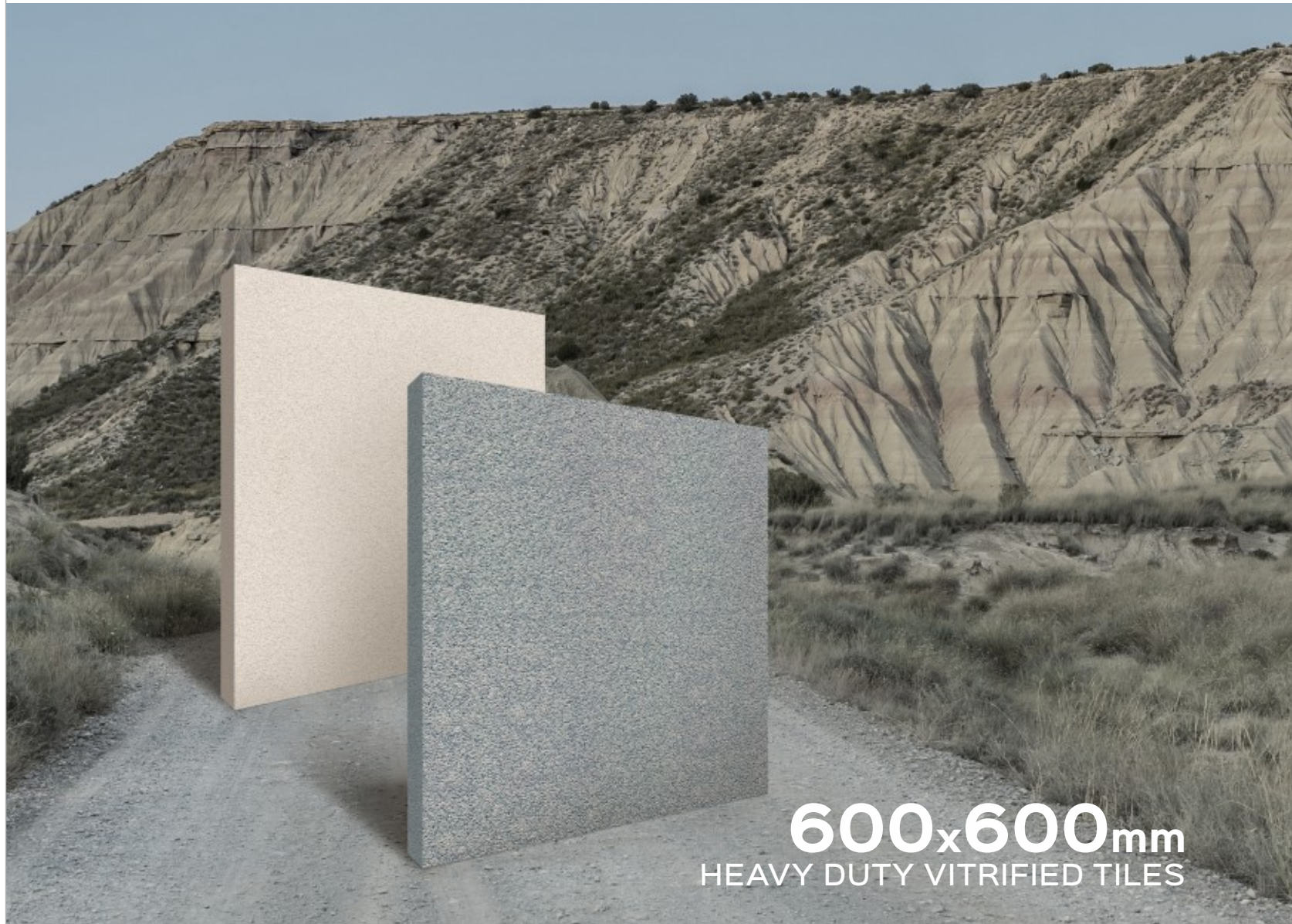
Chromatic Properties



Eco Friendly & Recyclable



Chemical Resistance



600x600mm
HEAVY DUTY VITRIFIED TILES

16mm THICKNESS

Whether the choice is to make a statement with a light or strongly colored grey sand browns, the look of stone 16 is incredible. A tile with cutting-edge technology is sure to turn your space to a whole new level. The Stone 16 series seeks to enhance the natural and drama of the outdoor expanse and transform it into a design element for use by those in search of something truly enticing. A tile with 16mm thickness and remarkable features is easy to lay with trouble-free maintenance.

10mm THICKNESS

Brand your statement with grey hues and sand browns. Presenting Stone 10 an incredible piece of Heavy Duty Vitrified tiles. A cutting-edge technology armed with strength & durability, these tiles will transform your outdoor and indoor spaces to a whole new level.

The Stone 10 series seeks to enhance the natural beauty and outdoor expanse and transform it into a design element. A tile with 10 mm Thickness and remarkable features is easy to lay with trouble-free maintenance.

APPLICATION AREAS



Anti Skid



High Flexural Strength



Wear Resistance



Fire Resistance



Frost Resistance



Chromatic Properties



Eco Friendly & Recyclable



Chemical Resistance



16mm **THICKNESS**

GEOSTONE SERIES | 600x600mm

STONE 16

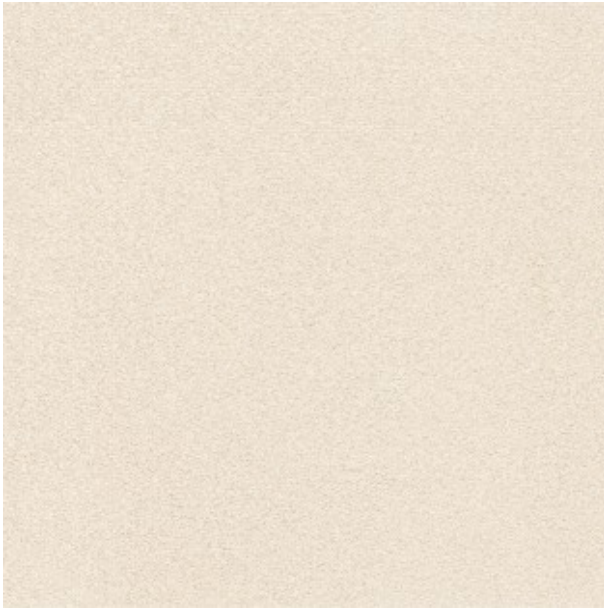


GEOSTONE CREMA

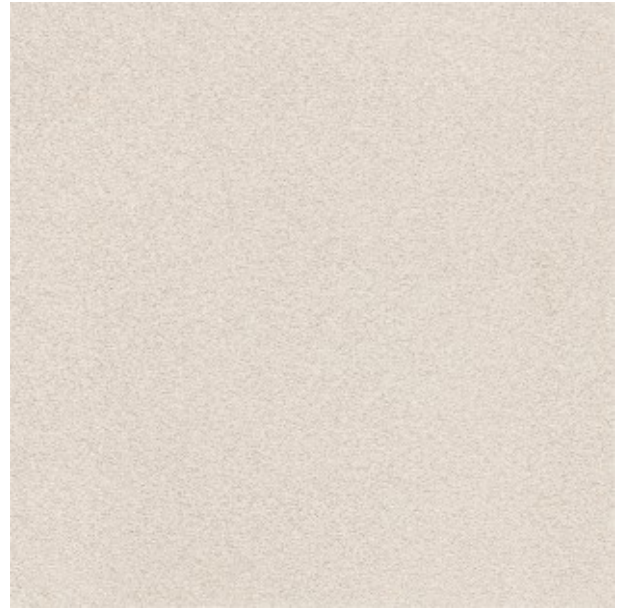
 16mm **THICKNESS**

GEOSTONE SERIES | 600x600mm

STONE 16



GEOSTONE CREMA



GEOSTONE BEIGE



GEOSTONE MIST



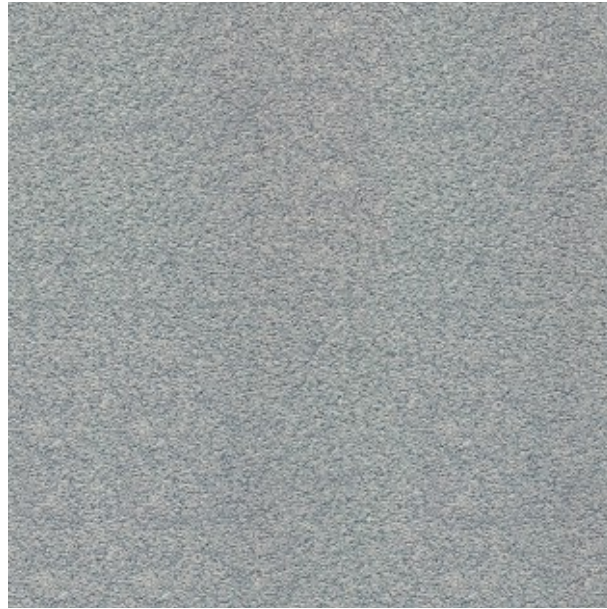
GEOSTONE GREY LIGHT

-  Anti Skid
-  High Flexural Strength
-  Wear Resistance
-  Fire Resistance
-  Frost Resistance
-  Chromatic Properties
-  Eco Friendly & Recyclable
-  Chemical Resistance

 16mm **THICKNESS**

GEOSTONE SERIES | 600x600mm

STONE 16



GEOSTONE GREY DARK



Anti Skid



High Flexural Strength



Wear Resistance



Fire Resistance



Frost Resistance



Chromatic Properties



Eco Friendly & Recyclable



Chemical Resistance



16mm **THICKNESS**

GEOSTONE SERIES | 600x600mm

STONE 16



GEOSTONE GREY LIGHT

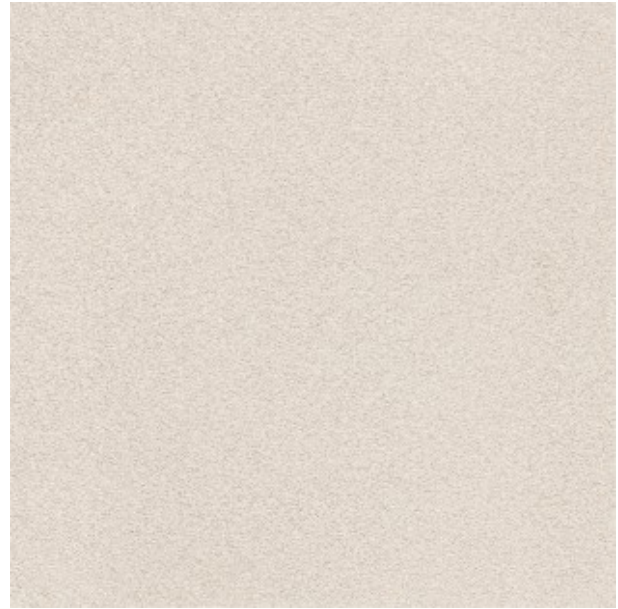
 10mm **THICKNESS**

TECHSTONE SERIES | 600x600mm

STONE 10



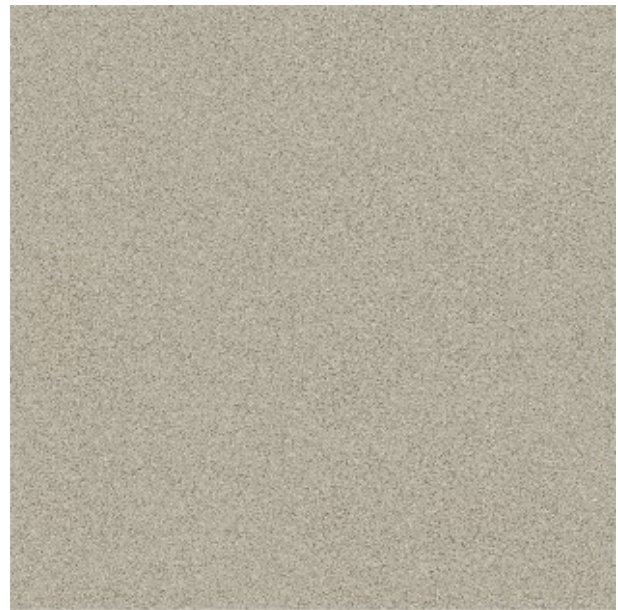
TECHSTONE CREMA



TECHSTONE BEIGE



TECHSTONE MIST



TECHSTONE VERDE



Anti Skid



High Flexural Strength



Wear Resistance



Fire Resistance



Frost Resistance



Chromatic Properties



Eco Friendly & Recyclable

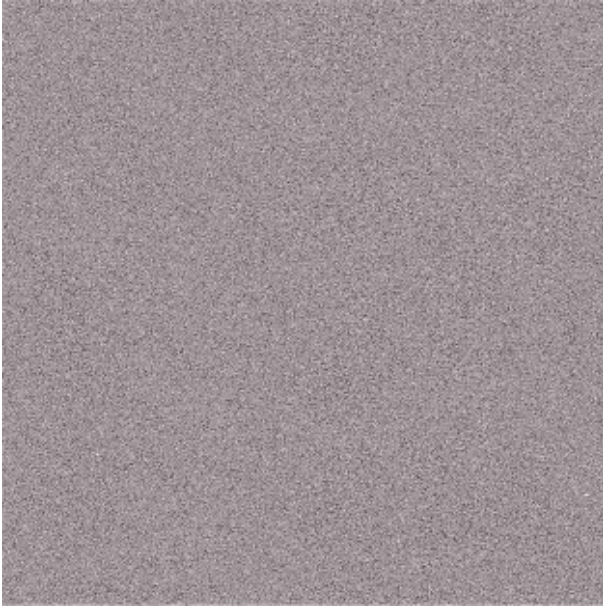


Chemical Resistance

 10mm **THICKNESS**

TECHSTONE SERIES | 600x600mm

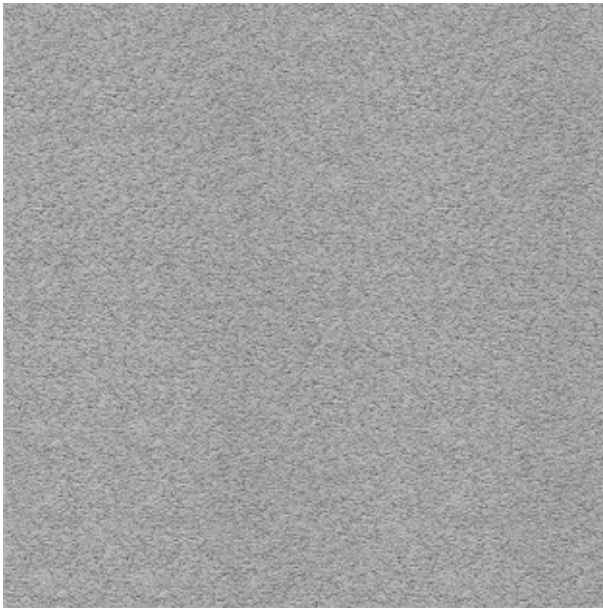
STONE 10



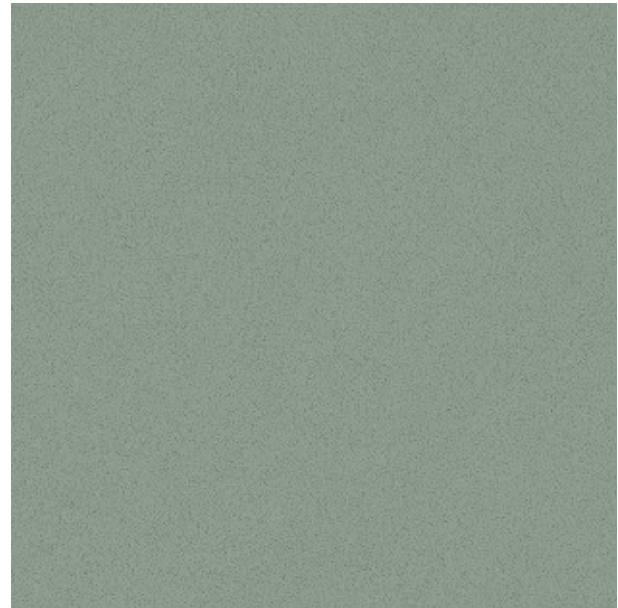
TECHSTONE MAROON



TECHSTONE GREY LIGHT



TECHSTONE GREY DARK



TECHSTONE OLIVE



Anti Skid



High Flexural Strength



Wear Resistance



Fire Resistance



Frost Resistance



Chromatic Properties



Eco Friendly & Recyclable



Chemical Resistance

 10mm **THICKNESS**

TECHSTONE SERIES | 600x600mm

STONE 10

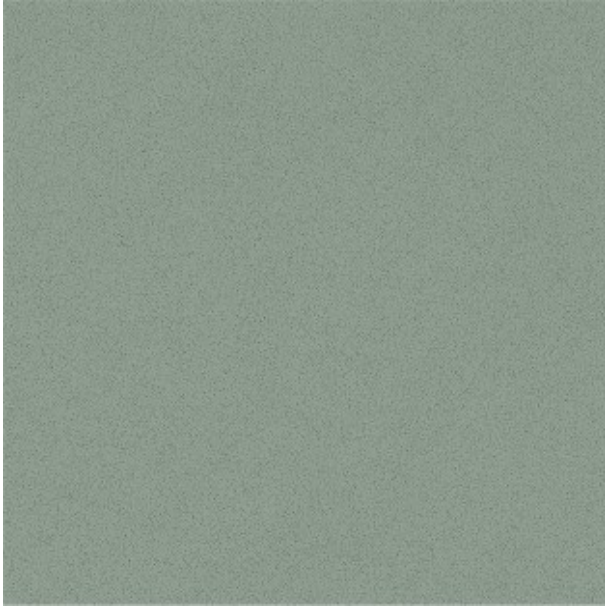


TECHSTONE VERDE

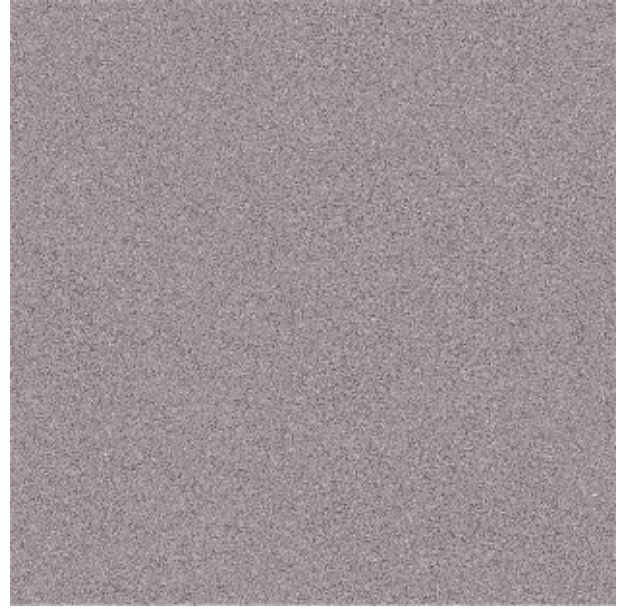
 10mm **THICKNESS**

GEOSTONE SERIES | 600x600mm

STONE 10



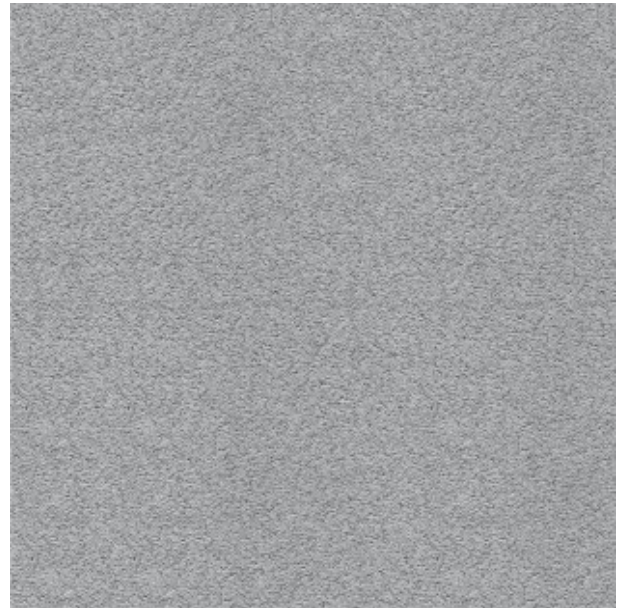
GEOSTONE OLIVE



GEOSTONE MAROON



GEOSTONE GREY LIGHT



GEOSTONE GREY DARK



Anti Skid



High Flexural Strength



Wear Resistance



Fire Resistance



Frost Resistance



Chromatic Properties



Eco Friendly & Recyclable



Chemical Resistance

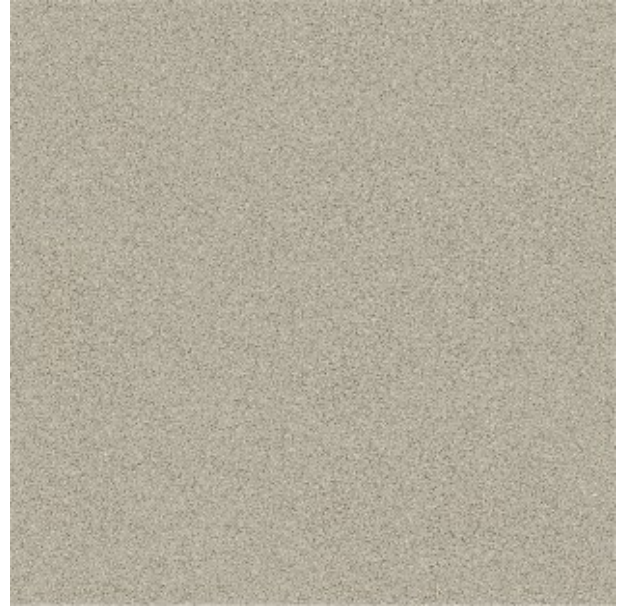
 10mm **THICKNESS**

GEOSTONE SERIES | 600x600mm

STONE 10



GEOSTONE MIST



GEOSTONE VERDE



GEOSTONE CREMA



GEOSTONE BEIGE



Anti Skid



High Flexural Strength



Wear Resistance



Fire Resistance



Frost Resistance



Chromatic Properties



Eco Friendly & Recyclable

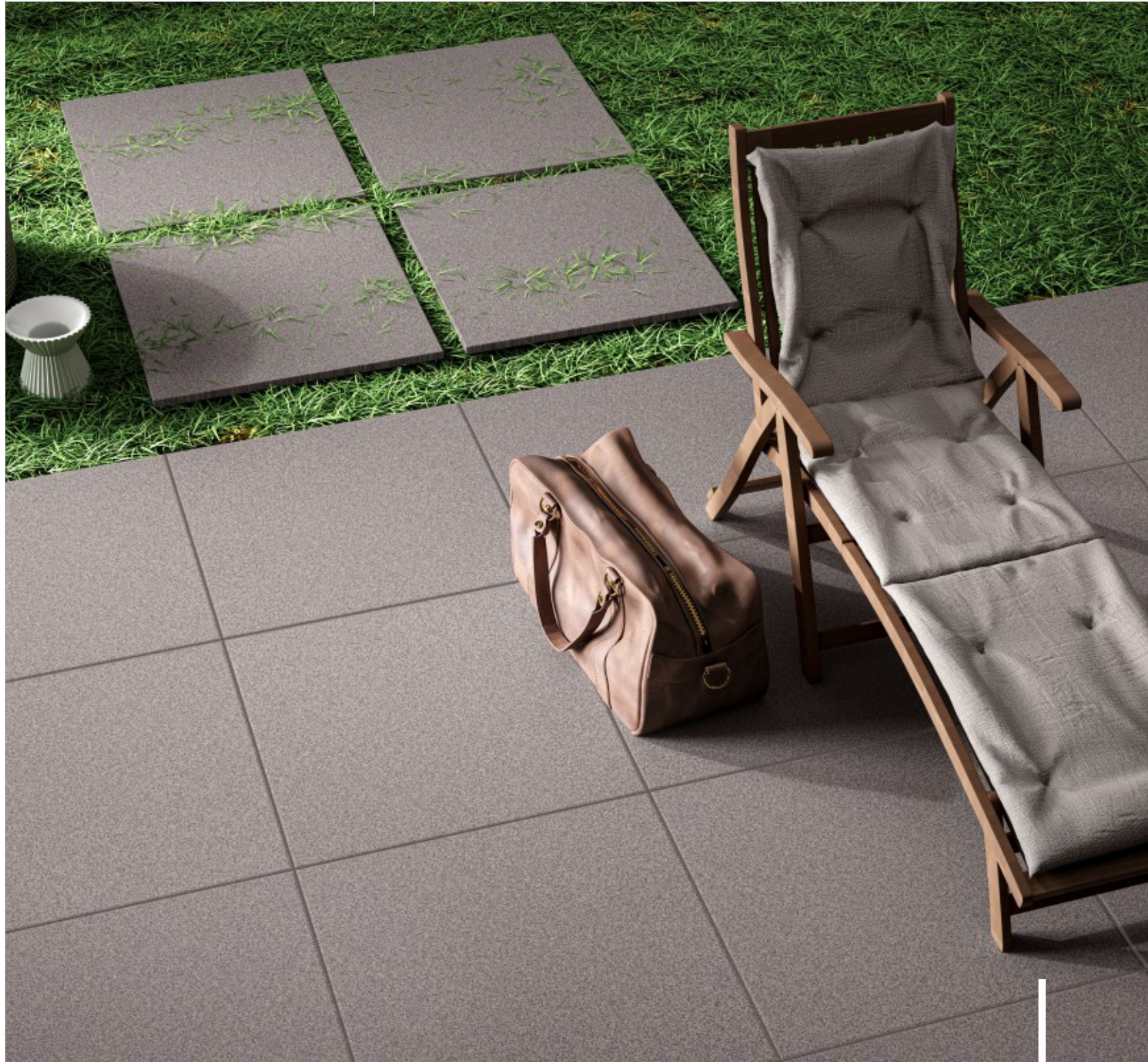


Chemical Resistance

 10mm **THICKNESS**

GEOSTONE SERIES | 600x600mm

STONE 10



GEOSTONE MAROON

12mm THICKNESS**

**WATER
ABSORPTION**



0.5%

400x400mm
ULTRA STRONG OUTDOOR VITRIFIED TILES

** Work size 11.5 mm to 12mm

Beautiful exteriors are integral element for the overall look and beauty of the space. It's like first impression for the lasting admiration. So adorn your exteriors and outdoors with tough and stylish Ultra Strong Outdoor Vitrified Tiles. When superior technology meets aesthetic aspirations it translate in to a collection where strength meets splendor with the promise of prolonged beauty and durability.

APPLICATION AREAS



Frost Resistant



Zero Maintenance



Stain Resistant



Durable Over Time



Suitable for Vehicles



Resistant to Loads



Resistant to Deep Scratch



Suitable for Crowded Area



Slip Resistant



Resistant to Acids and Chemicals



Environment Friendly



Rectified

ULTRA STRONG
OUTDOOR VITRIFIED TILES

400x400mm - RUSTIC

DURASTONE
HEAVY DUTY VITRIFIED TILES



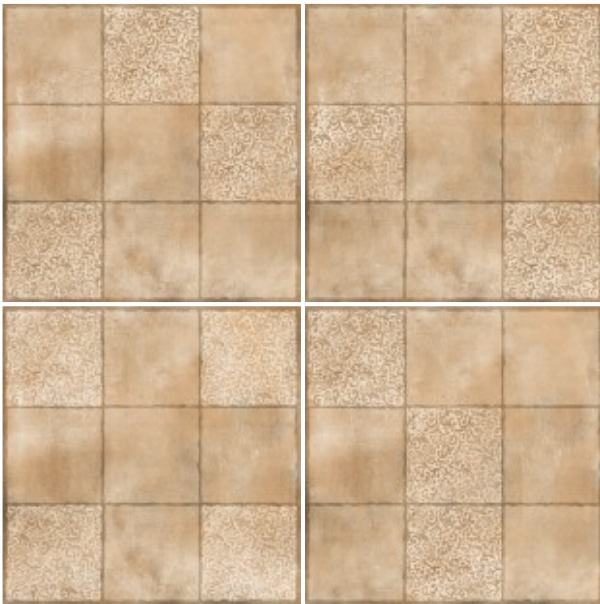
AVANA BROWN

V4



AVANA NATURAL

V4



CAJA BEIGE

V4



CAJA BROWN

V1



Floor Tiles



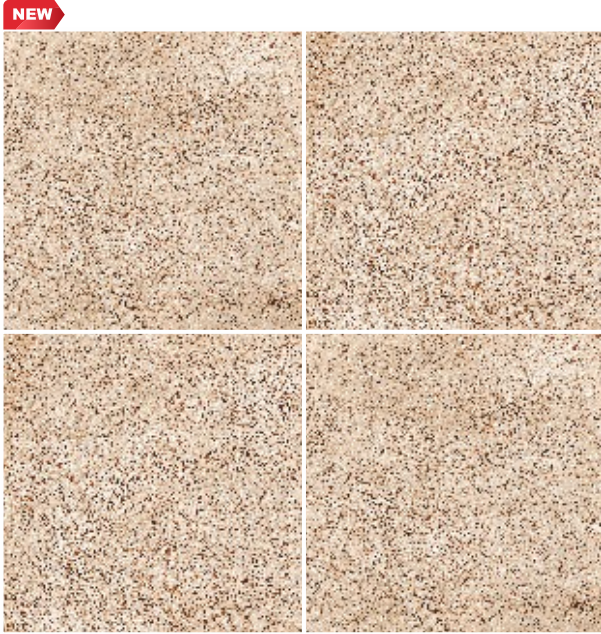
Easy to Clean



Easy to Lay

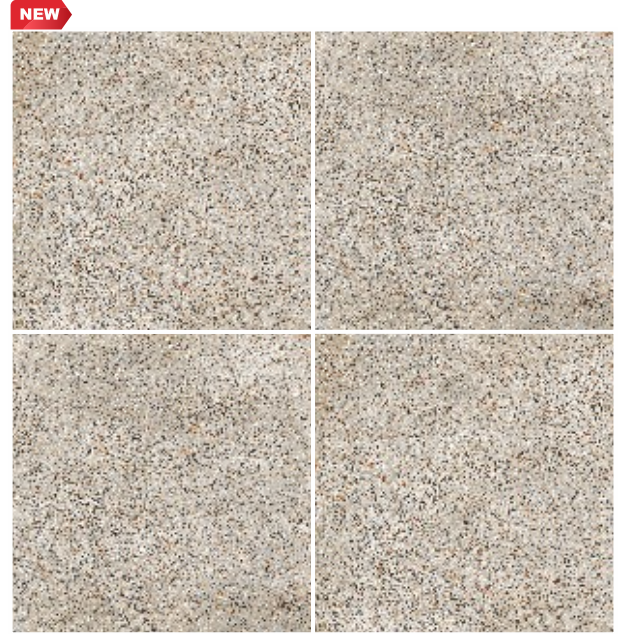
ULTRA STRONG
OUTDOOR VITRIFIED TILES

400x400mm - RUSTIC



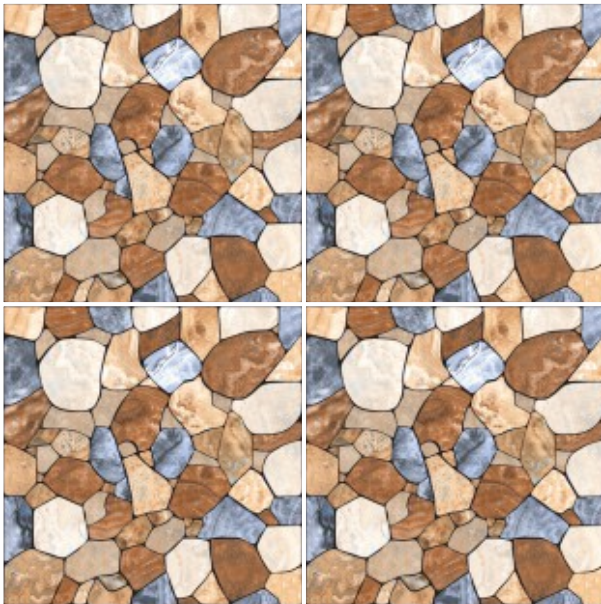
CARDOSO BROWN

V2



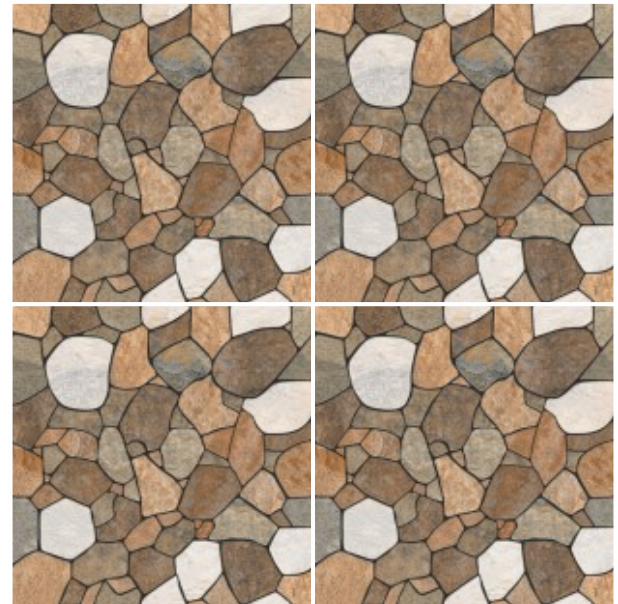
CARDOSO GREY

V2



CRAG BLUE

V1



CRAG BROWN

V1



Floor Tiles



Easy to Clean



Easy to Lay

ULTRA STRONG
OUTDOOR VITRIFIED TILES

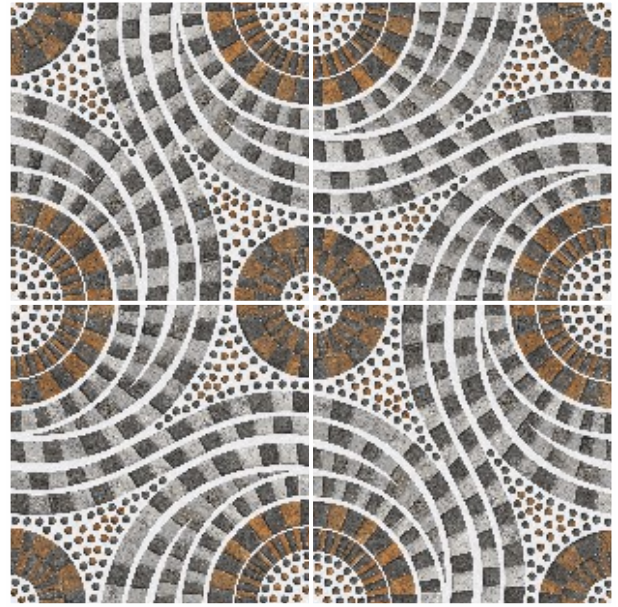
400x400mm - RUSTIC

DURASTONE
HEAVY DUTY VITRIFIED TILES



CIAZ BROWN

V1



CIAZ GREY

V1



ESTUCO BEIGE

V1



ESTUCO BEIGE DECORE

V1



Floor Tiles



Easy to Clean



Easy to Lay

ULTRA STRONG
OUTDOOR VITRIFIED TILES

400x400mm - RUSTIC

DURASTONE
HEAVY DUTY VITRIFIED TILES



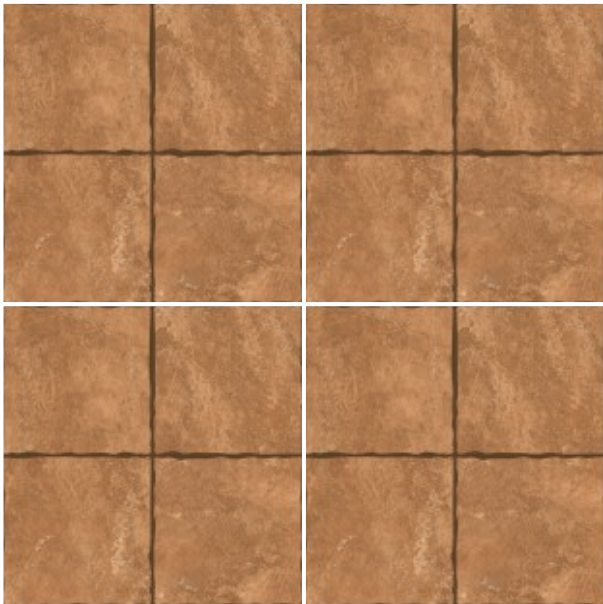
CASINO BROWN

V1



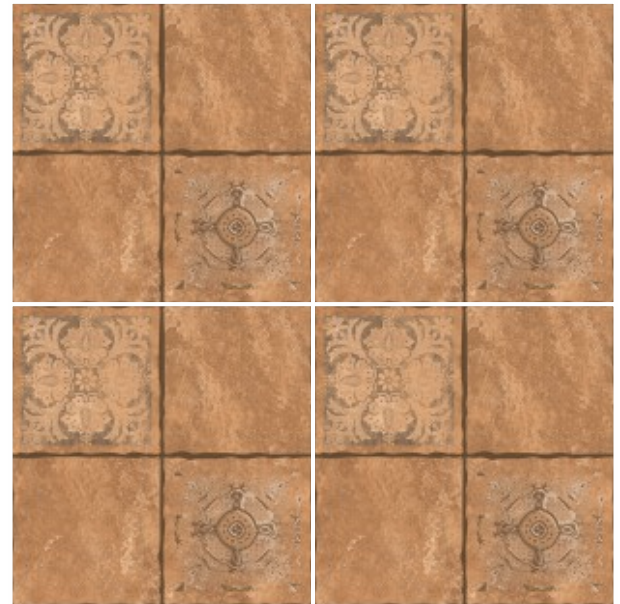
CASINO BLUE

V1



ESTUCO COTTO

V1



ESTUCO COTTO DECORE

V1



Floor Tiles



Easy to Clean



Easy to Lay

ULTRA STRONG
OUTDOOR VITRIFIED TILES

400x400mm - RUSTIC

DURASTONE
HEAVY DUTY VITRIFIED TILES



ESTUCO BEIGE
ESTUCO BEIGE DECORE

ULTRA STRONG
OUTDOOR VITRIFIED TILES

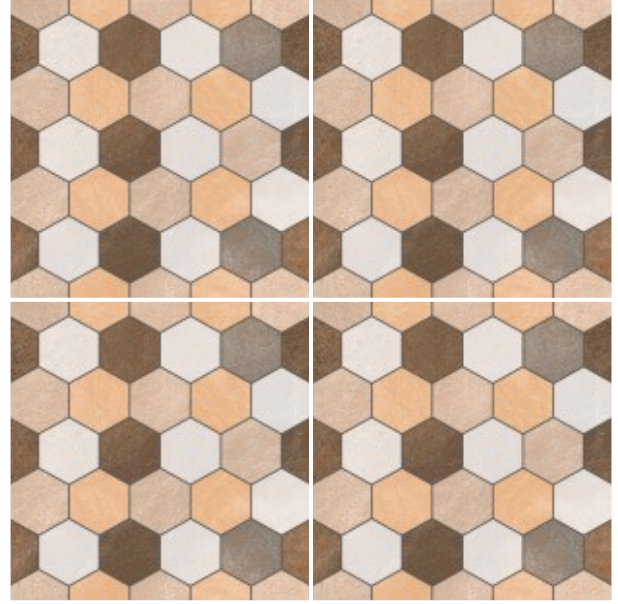
400x400mm - RUSTIC

DURASTONE
HEAVY DUTY VITRIFIED TILES



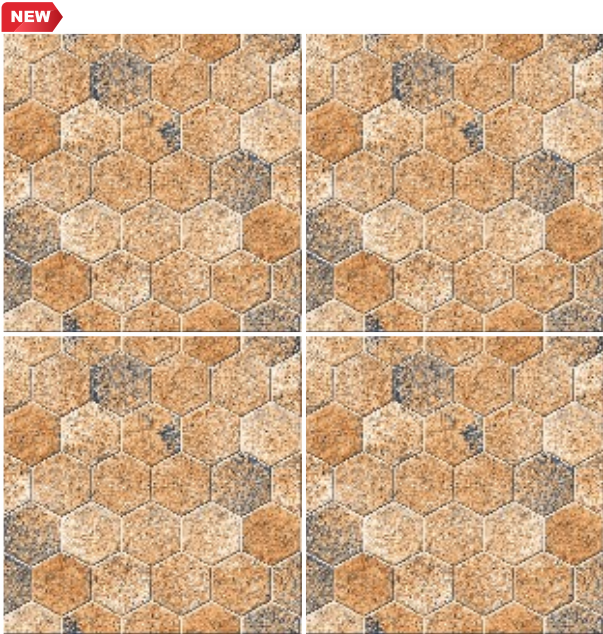
GALET BROWN

V1



HEXON BROWN

V1



KERNEL BROWN

V1



MORO WOOD

V1



Floor Tiles



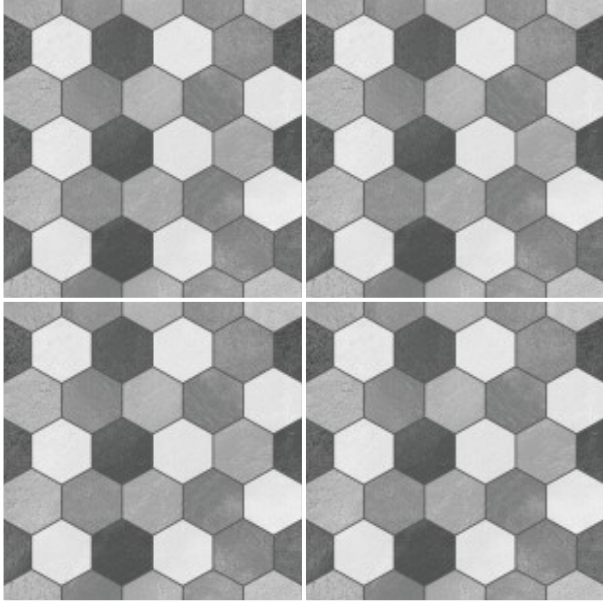
Easy to Clean



Easy to Lay

ULTRA STRONG
OUTDOOR VITRIFIED TILES

400x400mm - RUSTIC



HEXON GREY

V1



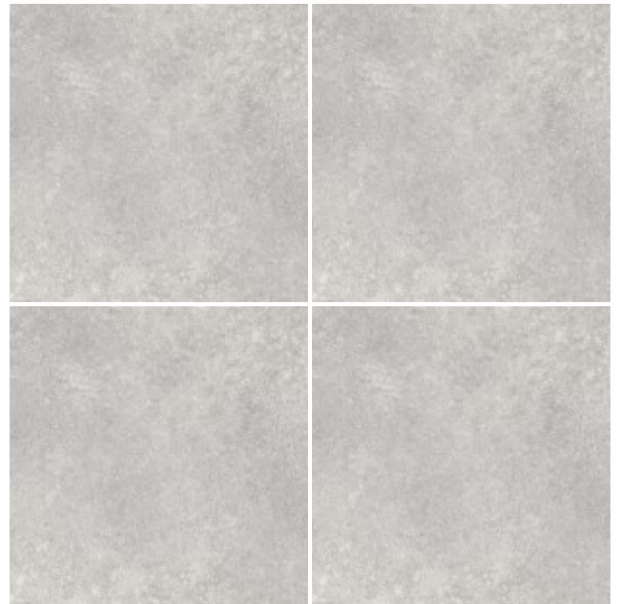
HEXON MULTI

V1



MATTONE DARK GREY

V1



MATTONE LIGHT GREY

V1



Floor Tiles



Easy to Clean



Easy to Lay

ULTRA STRONG
OUTDOOR VITRIFIED TILES

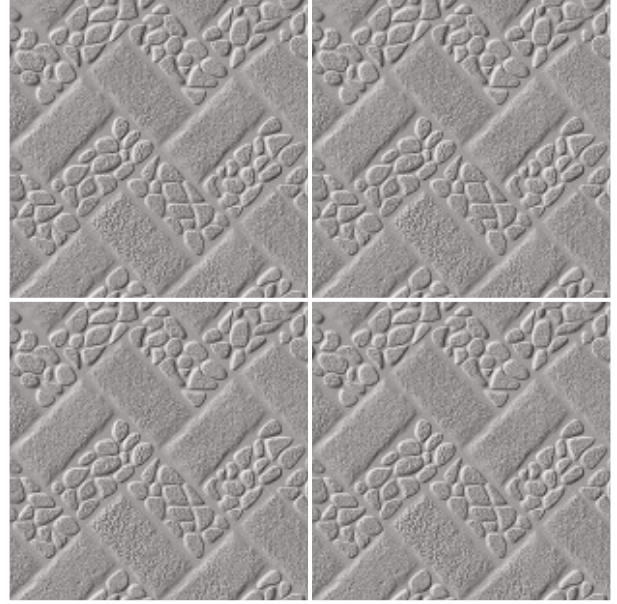
400x400mm - RUSTIC

DURASTONE
HEAVY DUTY VITRIFIED TILES



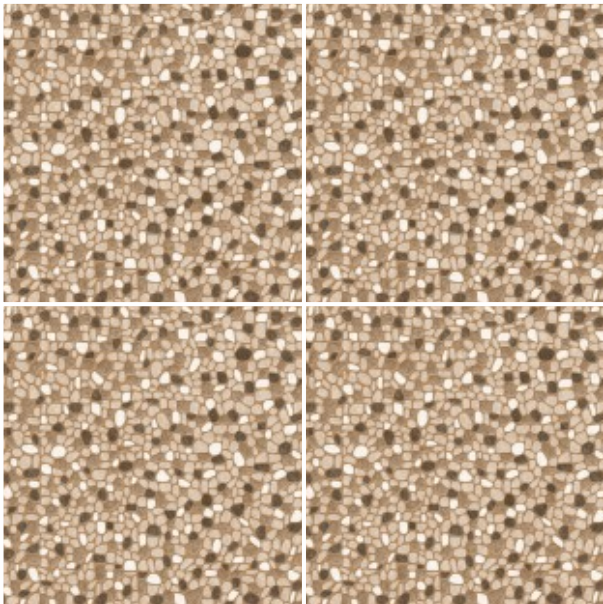
NEXON BROWN

V1



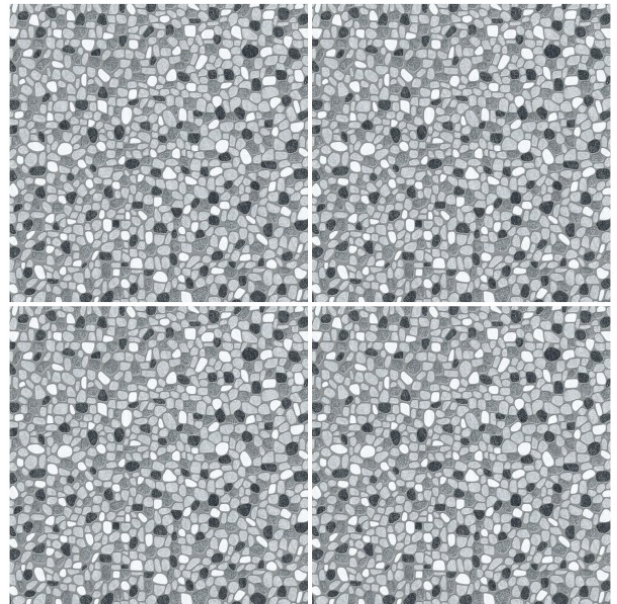
NEXON CEMENT GREY

V1



PIERRE BROWN

V1



PIERRE GREY

V1



Floor Tiles



Easy to Clean

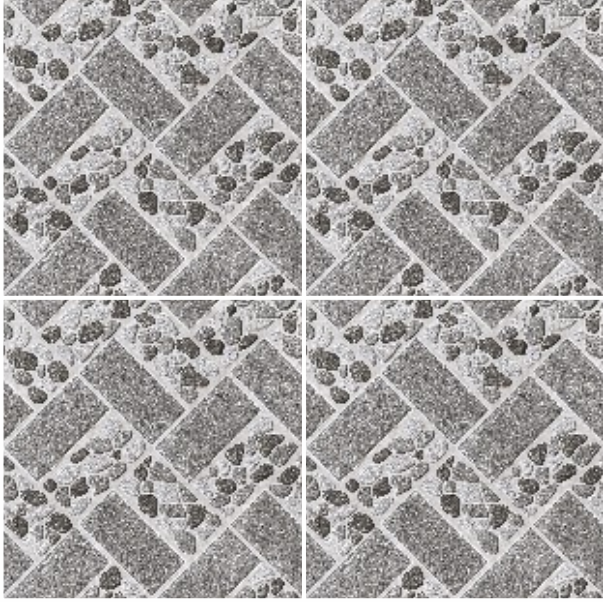


Easy to Lay

ULTRA STRONG
OUTDOOR VITRIFIED TILES

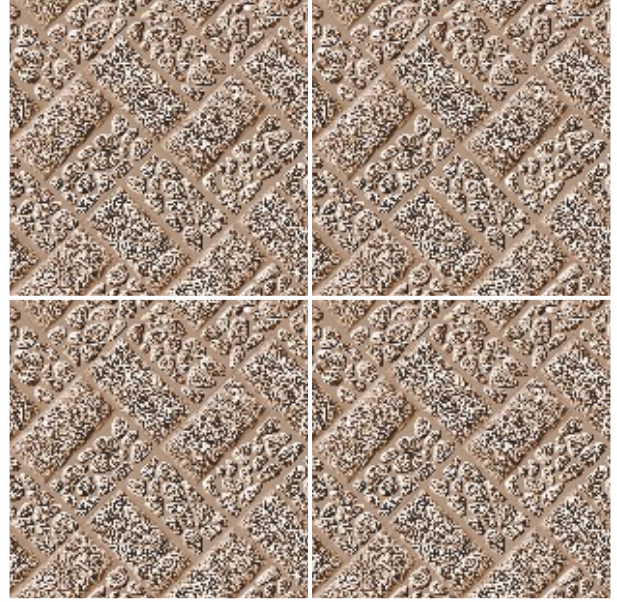
400x400mm - RUSTIC

DURASTONE
HEAVY DUTY VITRIFIED TILES



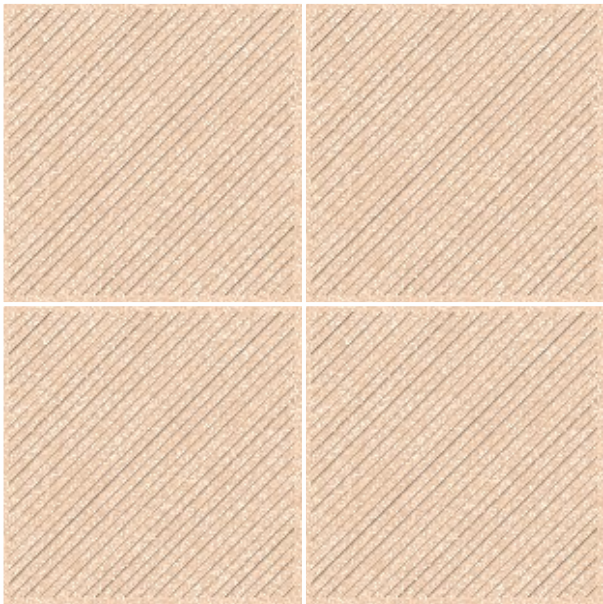
NEXON GREY

V1



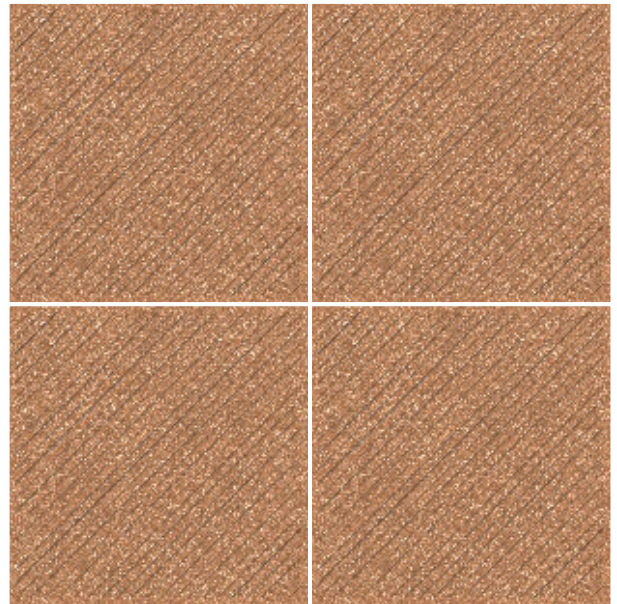
NEXON SAND

V1



PODERO BEIGE

V1



PODERO BROWN

V1



Floor Tiles



Easy to Clean



Easy to Lay

ULTRA STRONG
OUTDOOR VITRIFIED TILES

400x400mm - RUSTIC

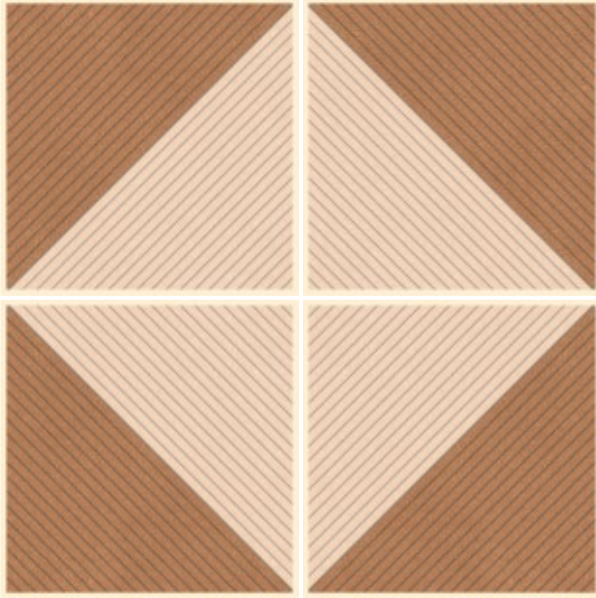
DURASTONE
HEAVY DUTY VITRIFIED TILES



PODERO GRIS
PODERO GRIS DECORE

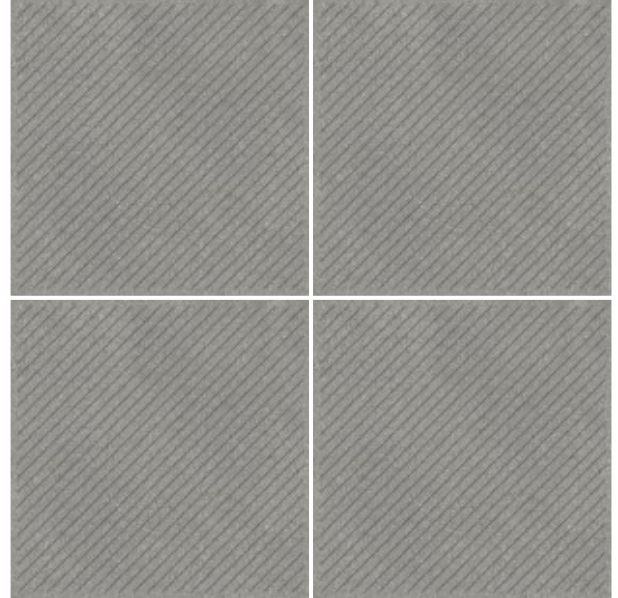
ULTRA STRONG
OUTDOOR VITRIFIED TILES

400x400mm - RUSTIC



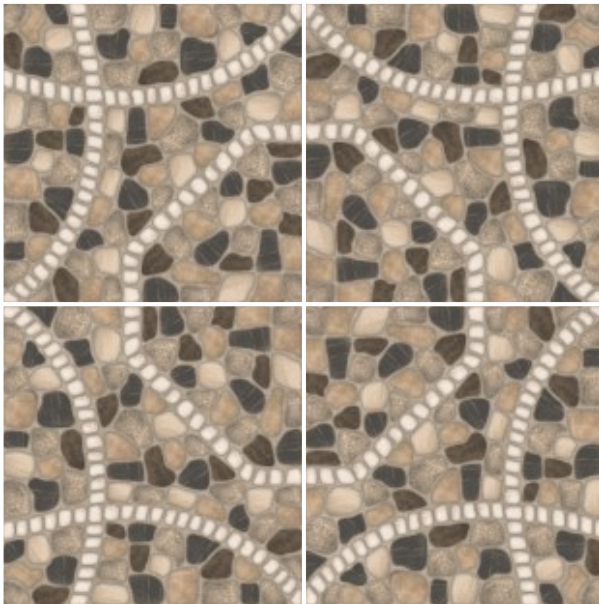
PODERO BROWN DECORE

V1



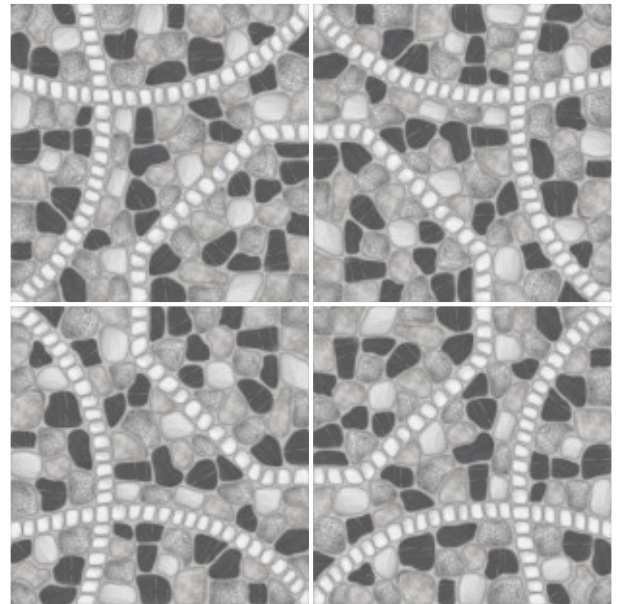
PODERO GRIS

V1



REX BROWN

V1



REX GREY

V1



Floor Tiles



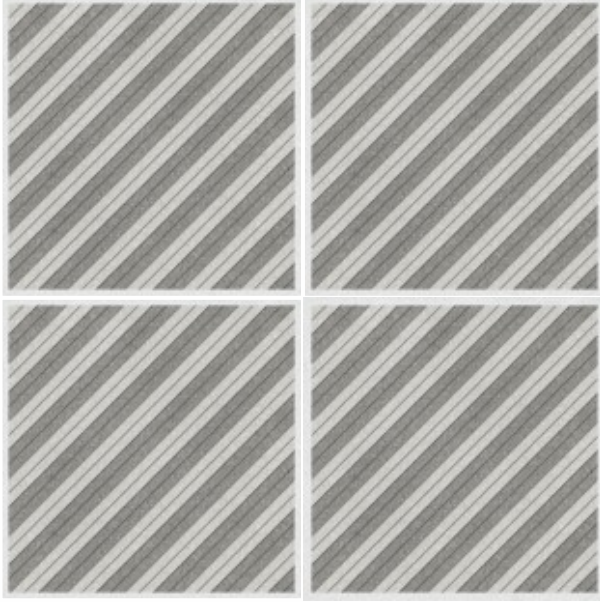
Easy to Clean



Easy to Lay

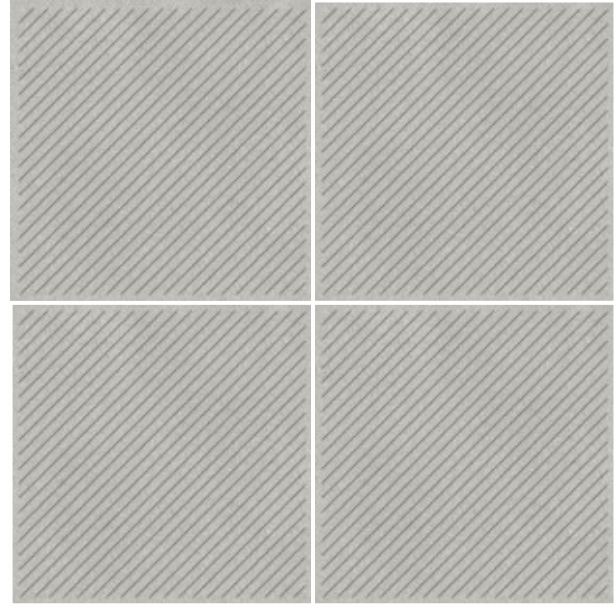
ULTRA STRONG
OUTDOOR VITRIFIED TILES

400x400mm - RUSTIC



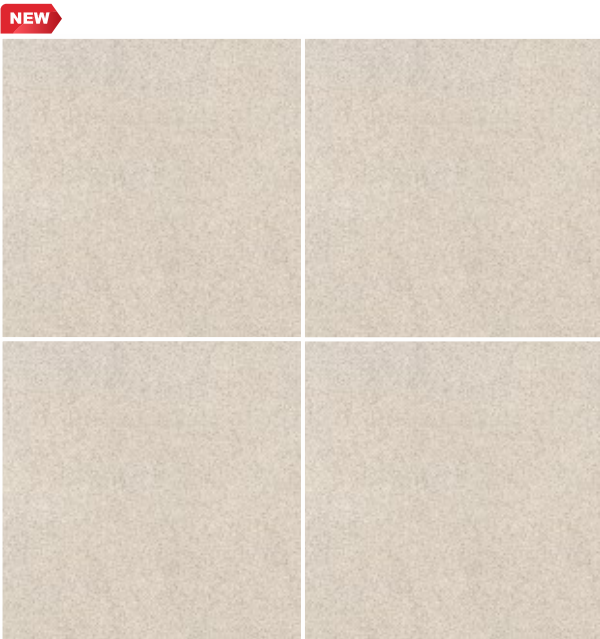
PODERO GRIS DECORE

V1



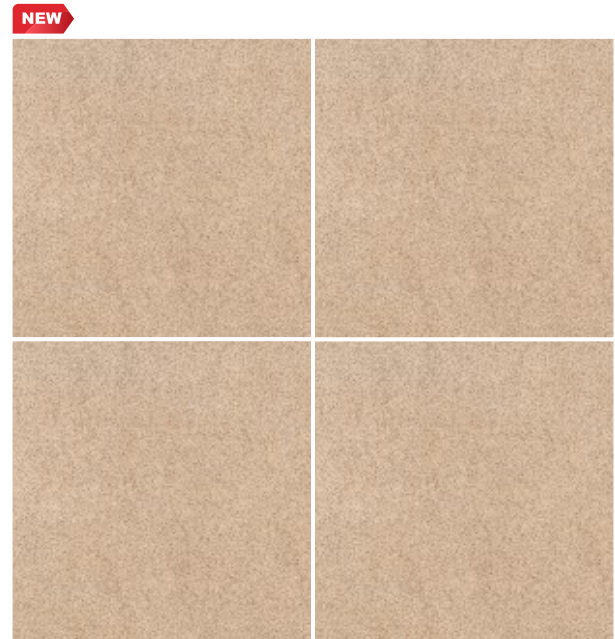
PODERO GREY

V1



TIERRA BIANCO

V1



TIERRA BROWN

V1



Floor Tiles



Easy to Clean



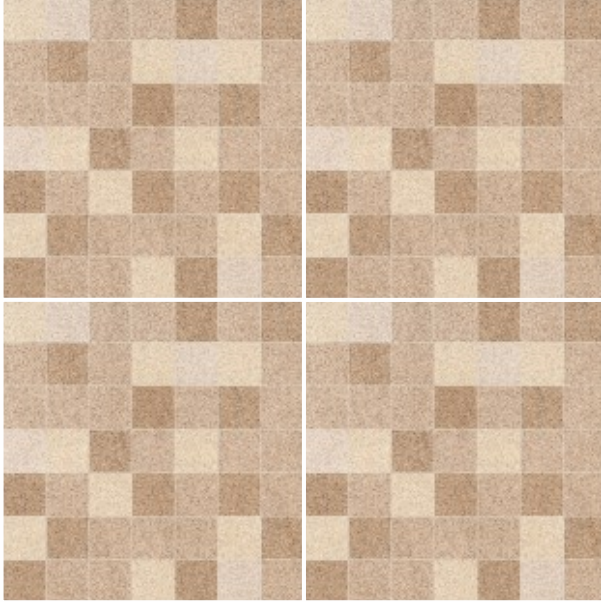
Easy to Lay

ULTRA STRONG
OUTDOOR VITRIFIED TILES

400x400mm - RUSTIC

DURASTONE
HEAVY DUTY VITRIFIED TILES

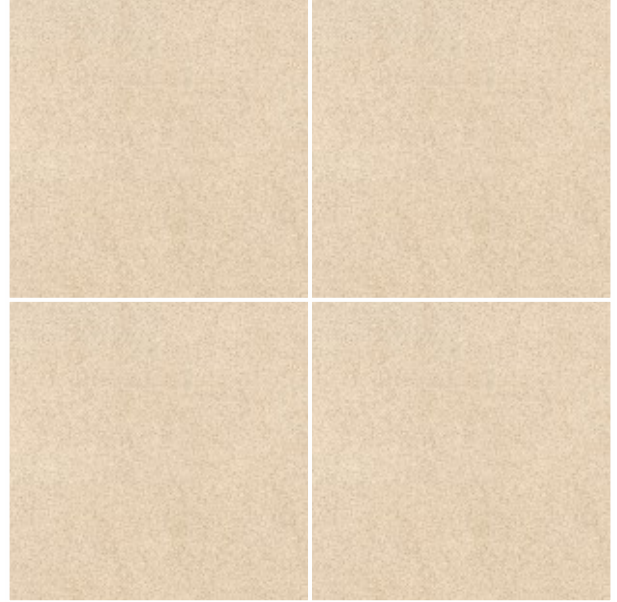
NEW



TIERRA BROWN DECORE

V1

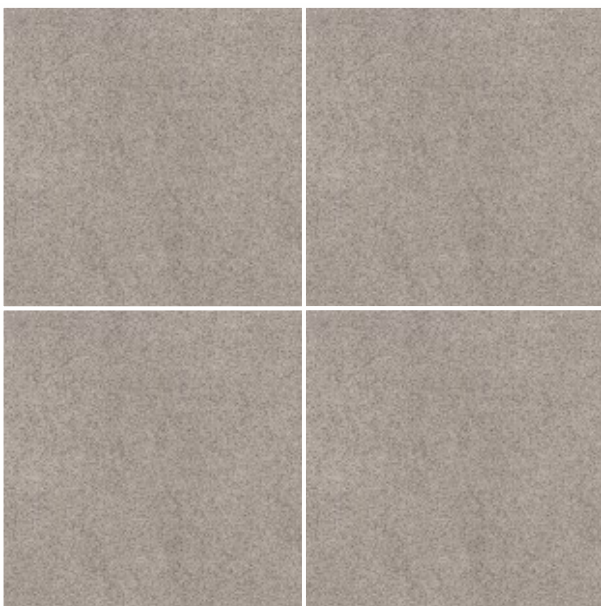
NEW



TIERRA IVORY

V1

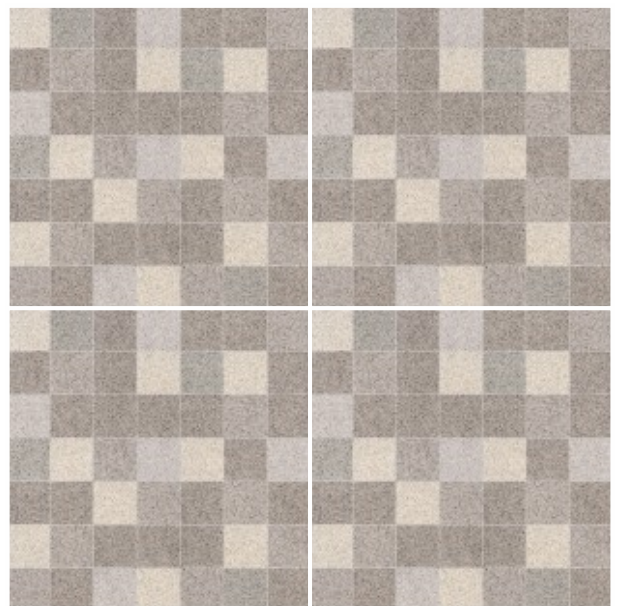
NEW



TIERRA NERO

V1

NEW



TIERRA NERO DECORE

V1



Floor Tiles



Easy to Clean



Easy to Lay

ULTRA STRONG
OUTDOOR VITRIFIED TILES

400x400mm - RUSTIC

DURASTONE
HEAVY DUTY VITRIFIED TILES



TIERRA NERO
TIERRA NERO DECORE



300x300mm
HEAVY DUTY VITRIFIED TILES

Medium size range of tiles are largely ignored to be just put -- since bigger is better is always the case. We are bringing you back to the benefits of medium sized tiles that have advantage of lock-in the smaller spaces. Tough and sturdy, these tiles entice you with great strength and characteristic beauty. Very useful for exterior heavy duty application with lock-in benefits in small places.

APPLICATION AREAS



Anti Skid



High Flexural Strength



Wear Resistance



Fire Resistance



Frost Resistance



Chromatic Properties



Eco Friendly & Recyclable



Chemical Resistance

HEAVY DUTY
VITRIFIED TILES

300x300mm

10mm
THICKNESS

DURASTONE
HEAVY DUTY VITRIFIED TILES



CALIBER GRIS
LODAN GREY DARK | LOGAN GREY LIGHT

HEAVY DUTY
VITRIFIED TILES

300x300mm

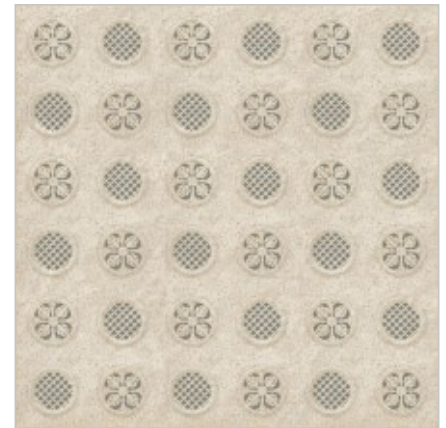
10mm
THICKNESS



CALIBER BROWN V1



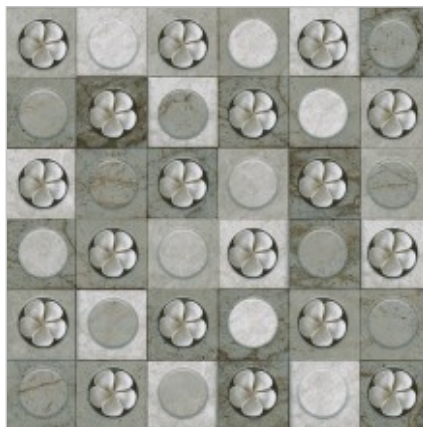
CALIBER GRIS V1



CAXTON BEIGE V1



DECCAN NATURAL V1



DECOR GARDENA GRIS V1



DISTRICT BROWN V4



ELISE GREY DARK V1



ELISE GREY LIGHT V1



ESCORT NATURAL V1



Anti Skid



High Flexural Strength



Wear Resistance



Fire Resistance



Frost Resistance



Chromatic Properties



Eco Friendly & Recyclable



Chemical Resistance

HEAVY DUTY
VITRIFIED TILES

300x300mm

10mm
THICKNESS

DURASTONE
HEAVY DUTY VITRIFIED TILES



FLUX TEAK



Anti Skid



High Flexural Strength



Wear Resistance



Fire Resistance



Frost Resistance



Chromatic Properties



Eco Friendly & Recyclable



Chemical Resistance

HEAVY DUTY
VITRIFIED TILES

300x300mm

10mm
THICKNESS



CAXTON BROWN V1



CITY NATURAL V1



FLUX TEAK V1



DISTRICT NATURAL V4



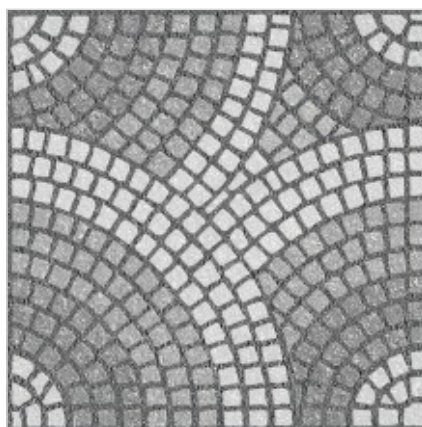
ELISE BROWN V1



KENT NATURAL V1



FENESTA NATURAL V1



FLAIX GREY V1



LOGAN GREY DARK V4



Anti Skid



High Flexural Strength



Wear Resistance



Fire Resistance



Frost Resistance



Chromatic Properties



Eco Friendly & Recyclable



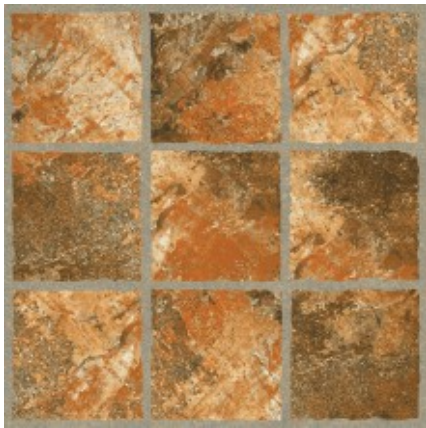
Chemical Resistance

HEAVY DUTY
VITRIFIED TILES

300x300mm

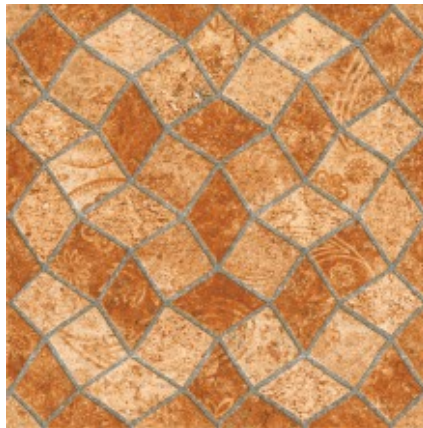
10mm
THICKNESS

DURASTONE
HEAVY DUTY VITRIFIED TILES



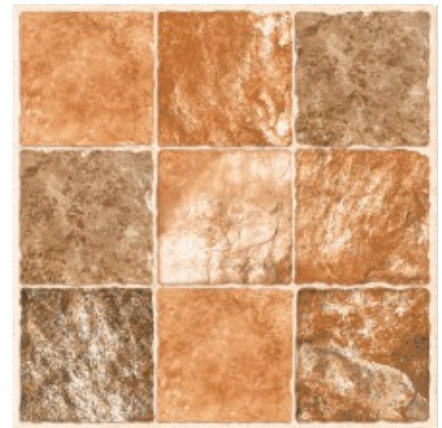
HELMER BROWN

V1



TREVOR COTTO

V1



NOVEL DETROIT NATURAL V1



NOVEL DETROIT NATURAL

HEAVY DUTY
VITRIFIED TILES

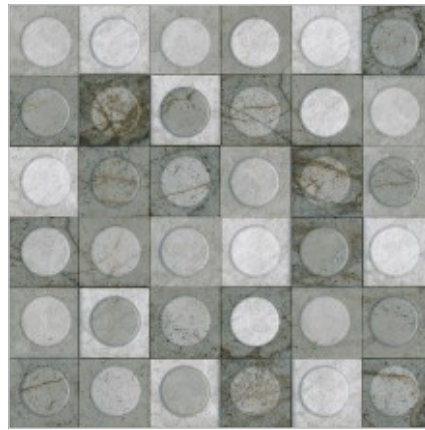
300x300mm

10mm
THICKNESS

DURASTONE
HEAVY DUTY VITRIFIED TILES



FORMA NATURAL V1



GARDENA GRIS V1



HELMER BEIGE V1



KNOX BEIGE V1



KRESTO BROWN V1



LEVIS BEIGE V1



LOGAN GREY LIGHT V4



NEO HIGHWAY VERDE V1



NEOLA BROWN V1



Anti Skid



High Flexural Strength



Wear Resistance



Fire Resistance



Frost Resistance



Chromatic Properties



Eco Friendly & Recyclable

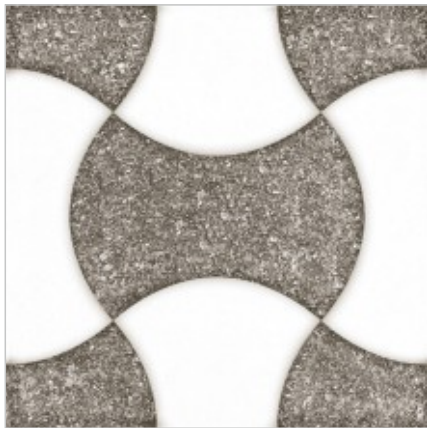


Chemical Resistance

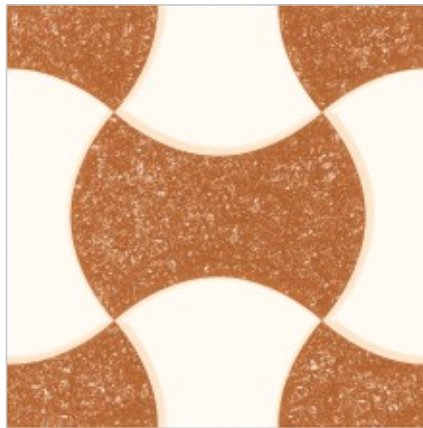
HEAVY DUTY
VITRIFIED TILES

300x300mm

10mm
THICKNESS



NOVEL DANITA GRIS V2



NOVEL DANITA BROWN V2



LEVIS VERDE V1



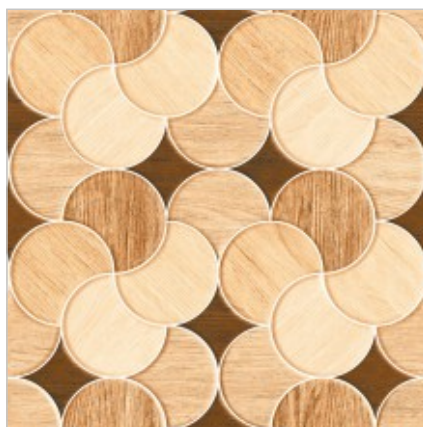
NOVEL NASCA BROWN V1



NOVEL NASCA GRIS V1



ORBIT BEIGE V1



NOVEL TWIST WOOD V1



NOVEL DETROIT GRIS V2



Anti Skid



High Flexural Strength



Wear Resistance



Fire Resistance



Frost Resistance



Chromatic Properties



Eco Friendly & Recyclable



Chemical Resistance

HEAVY DUTY
VITRIFIED TILES

300x300mm

10mm
THICKNESS

DURASTONE
HEAVY DUTY VITRIFIED TILES

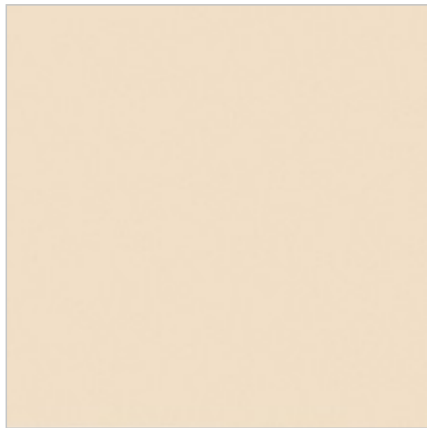


PLAIN TERRACOTTA

HEAVY DUTY
VITRIFIED TILES

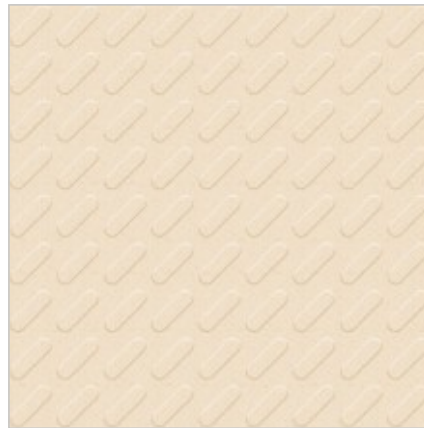
300x300mm

10mm
THICKNESS



STAR BEIGE

V1



CAPSULE STAR BEIGE

V1



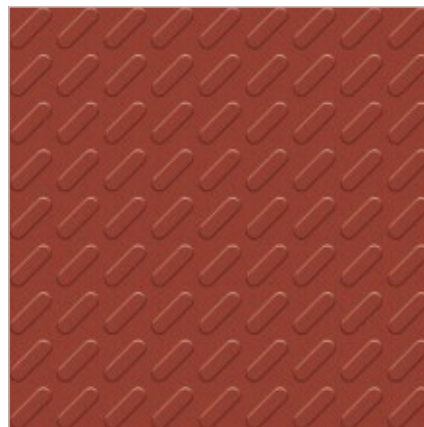
CITY STAR BEIGE

V1



PLAIN TERRACOTTA

V1



CAPSULE TERRACOTTA

V1



CITY TERRACOTTA

V1



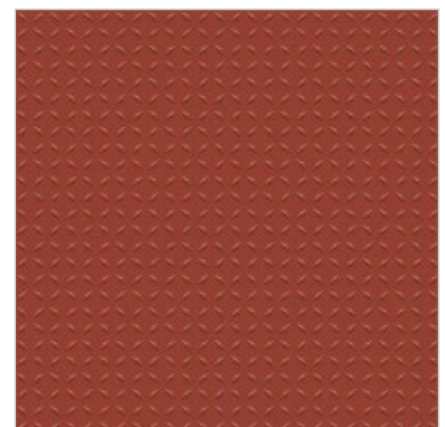
PLAIN GREY

V1



SLATE GREY

V1



PORTICO TERRACOTTA

V1



Anti Skid



High Flexural Strength



Wear Resistance



Fire Resistance



Frost Resistance



Chromatic Properties



Eco Friendly & Recyclable



Chemical Resistance

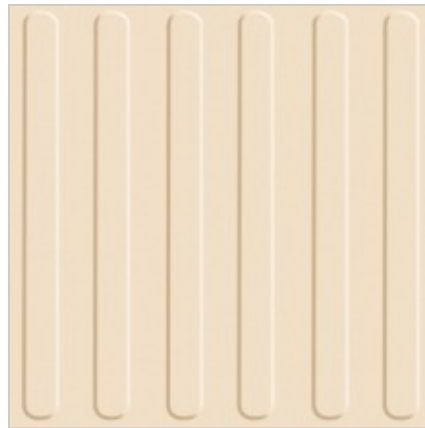
HEAVY DUTY
VITRIFIED TILES

300x300mm

10mm
THICKNESS



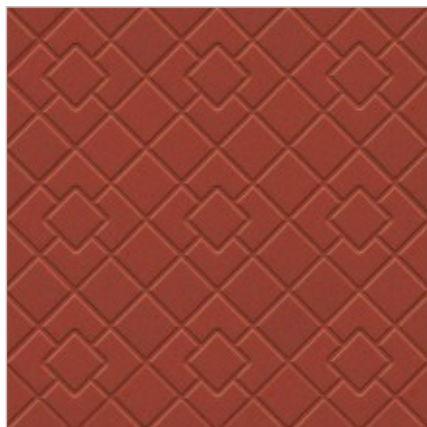
PLAZA STAR BEIGE V1



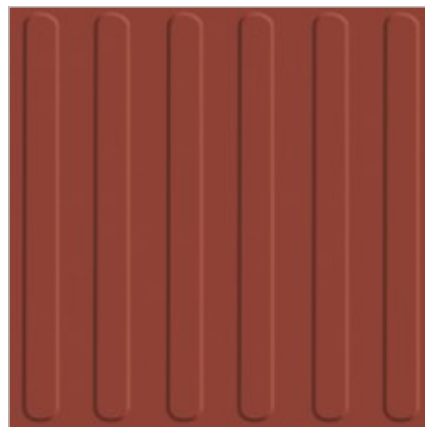
PLATFORM STAR BEIGE V1



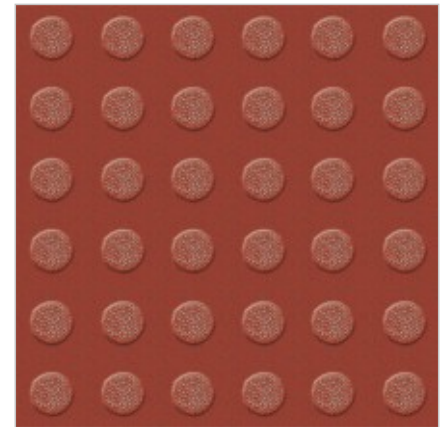
TECTILE STAR BEIGE V1



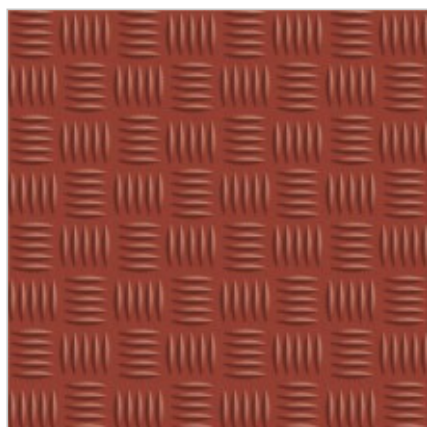
PLAZA TERRACOTTA V1



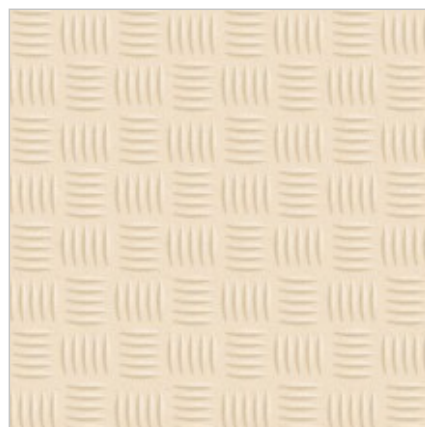
PLATFORM TERRACOTTA V1



TECTILE TERRACOTTA V1



RIBBED STONE TERRACOTTA V1



RIBBED STONE STAR BEIGE V1



STEPON BEIGE V1



Anti Skid



High Flexural Strength



Wear Resistance



Fire Resistance



Frost Resistance



Chromatic Properties



Eco Friendly & Recyclable



Chemical Resistance

HEAVY DUTY
VITRIFIED TILES

300x300mm

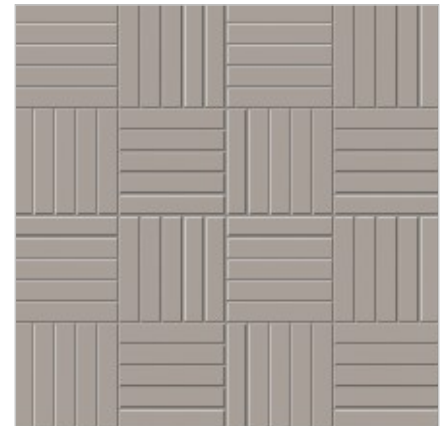
10mm
THICKNESS



SLATE STAR BEIGE V1



SUBWAY STAR BEIGE V1



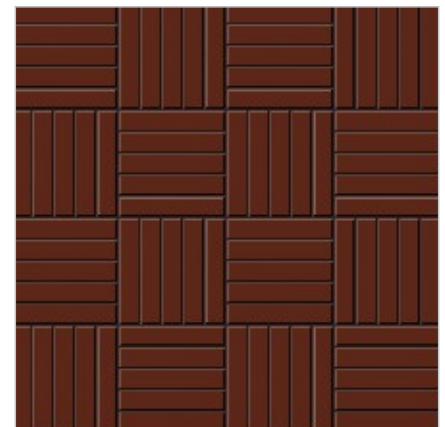
NESTRO BEIGE V1



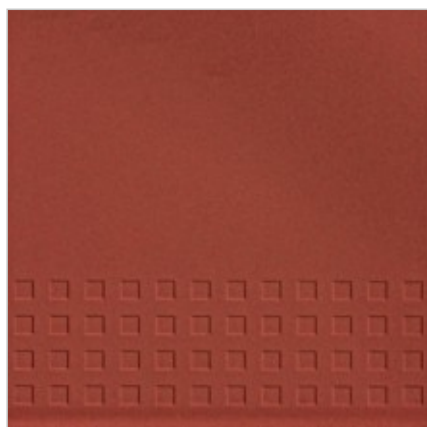
SLATE TERRACOTTA V1



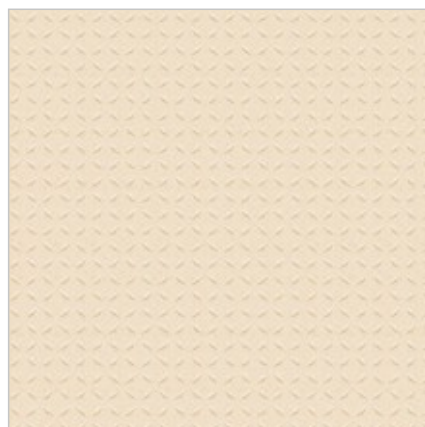
SUBWAY TERRACOTTA V1



NASTRO TERRACOTTA V1



STEPPON TERRACOTTA V1



PORTICO STAR BEIGE V1



Anti Skid



High Flexural Strength



Wear Resistance



Fire Resistance



Frost Resistance



Chromatic Properties



Eco Friendly & Recyclable



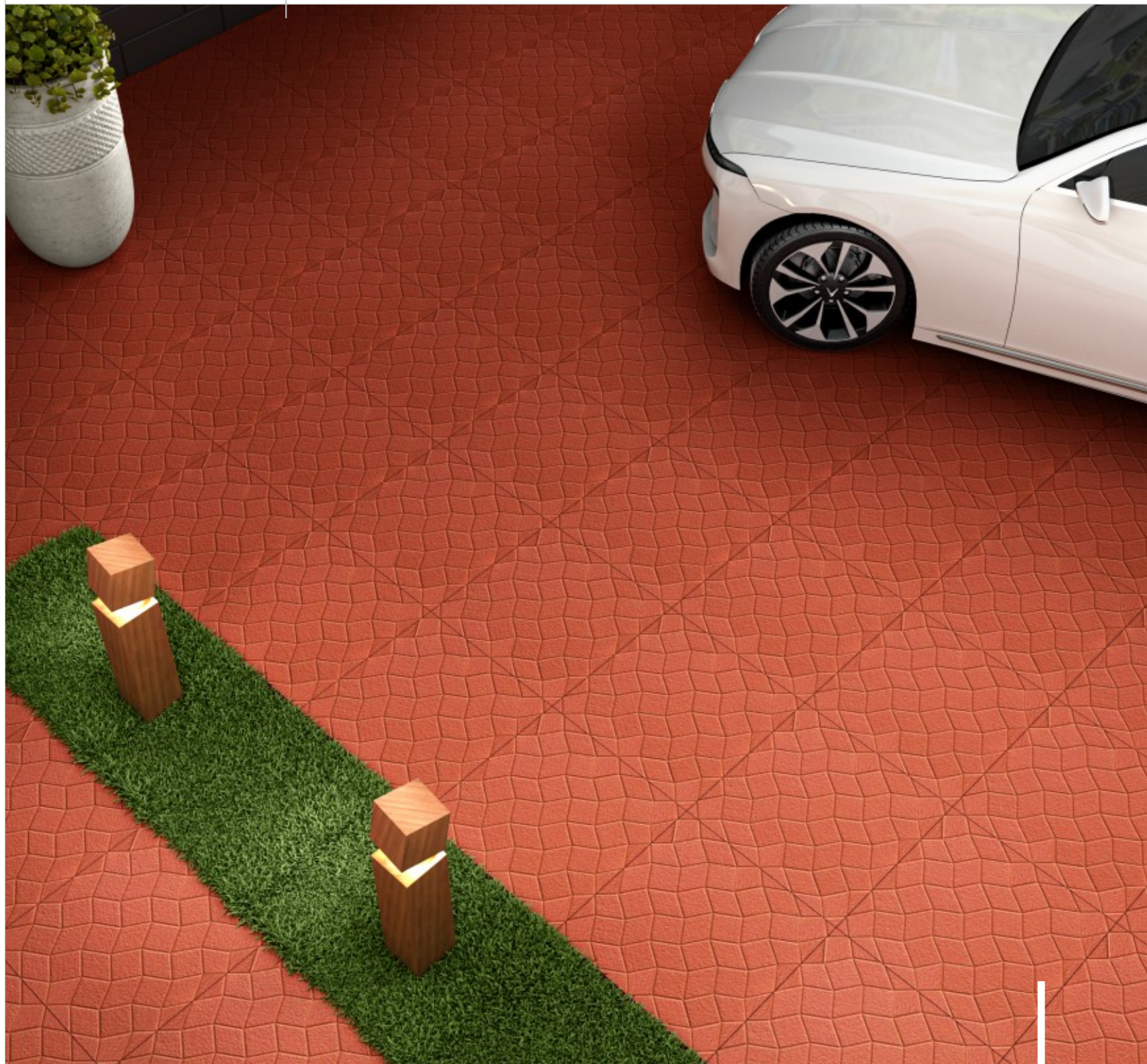
Chemical Resistance

HEAVY DUTY
VITRIFIED TILES

300x300mm

10mm
THICKNESS

DURASTONE
HEAVY DUTY VITRIFIED TILES



SUBWAY TERRACOTTA



Anti Skid



High Flexural Strength



Wear Resistance



Fire Resistance



Frost Resistance



Chromatic Properties



Eco Friendly & Recyclable

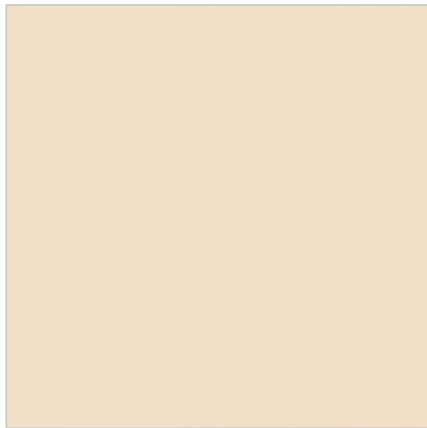


Chemical Resistance

HEAVY DUTY VITRIFIED TILES

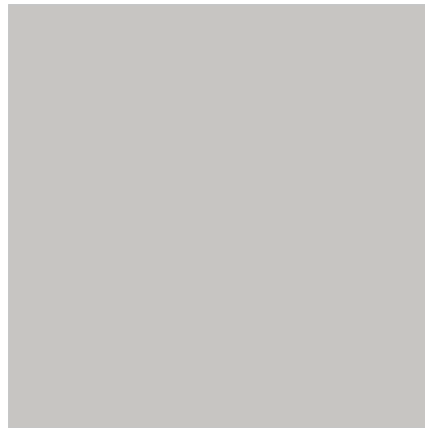
300x300mm

15mm
THICKNESS



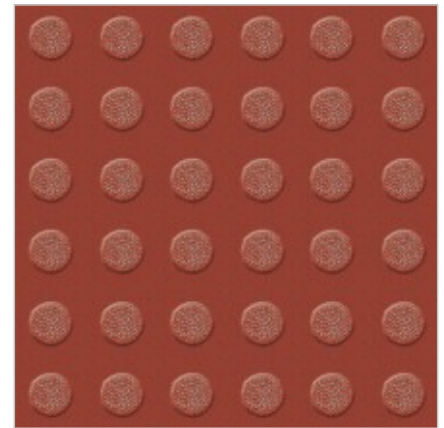
STAR BEIGE

V1



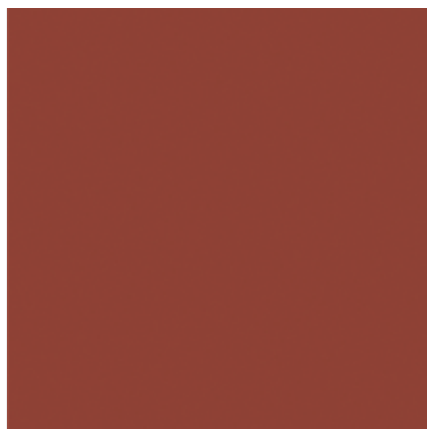
PLAIN GREY

V1



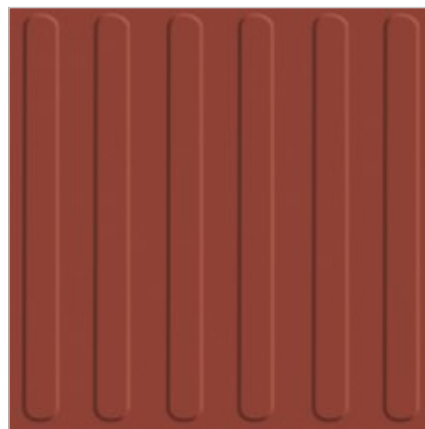
TECTILE TERRACOTTA

V1



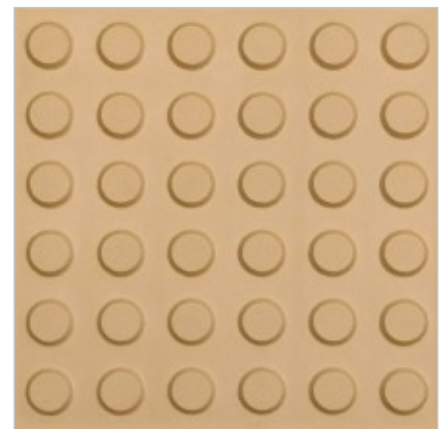
PLAIN TERRACOTTA

V1



PLATFORM TERRACOTTA

V1



TECTILE JAISALMER

V1



PLATFORM JAISALMER

V1



Anti Skid



High Flexural Strength



Wear Resistance



Fire Resistance



Frost Resistance



Chromatic Properties



Eco Friendly & Recyclable



Chemical Resistance



TECTILE STAR BEIGE
TECTILE TERRACOTTA

PACKAGING DETAIL FOR 600x1200MM, 300x1200MM, 200x1200MM STEPS RISER

| Nominal Size (mm) | Thickness(mm) | Avg.weight per carton(Kgs) | No.of tiles per carton | Coverage area per carton |
|------------------------------------|---------------|----------------------------|------------------------|-------------------------------|
| 600X1200mm (Stone XL/Largo Series) | 10.0 | 32.5 | 2 | 1.44 Sq. Mtr. / 15.50 sq. ft. |
| 300X1200 (Step) | 11.0 | 36.0 | 4 | 1.44 Sq. Mtr. / 15.50 sq. ft. |
| 200X1200 (Riser) | 10.0 | 21.5 | 4 | 0.96 Sq. Mtr. / 10.33 sq. ft. |

TECHNICAL SPECIFICATION FOR 600x1200MM, 300x1200MM, 200x1200MM STEPS RISER

| Characteristics | Requirement as per ISO 13006:2018 ≤ 0.5% Group B I a | Requirement as per IS 4457:2007 (Reaffirmed- 2012) ≤ 0.5% | Our Values | Test Method |
|-----------------------------------------------------------------------------------------|------------------------------------------------------|-----------------------------------------------------------|------------------------------------------------------|-----------------------------------|
| Dimension & Surface Quality | | | | |
| Length & Width | ± 0.3% | ± 0.5% | ± 0.10% | ISO 10545-Part 2/IS 4457 Annex B |
| Thickness | ± 5.0% | ± 5.0% | ± 4.0% | |
| Straightness of Side | ± 0.30% | ± 0.20% | ± 0.10% | |
| Rectangularity | ± 0.30% | ± 0.20% | ± 0.10% | |
| Surface Flatness | | | | |
| Center Curvature (%) (Max. Dev.) | ± 0.40% | ± 0.30% | ± 0.2 % | |
| Edge Curvature (%) (Max. Dev.) | ± 0.40% | ± 0.30% | ± 0.2 % | |
| Corner Warpage (%) (Max. Dev.) | ± 0.40% | ± 0.30% | ± 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 | Avg. 0.5%, Individual 0.6% max | Avg. 0.5%, Individual 0.6% max | Avg.<0.5% | ISO 10545-Part 3/IS 4457 Annex C |
| Modulus of Rupture [N/mm ²] | Av 35, Individual 32 min | Av 35, Individual 32 min | Avg.>35 | ISO 10545-Part 4/IS 4457 Annex D |
| Breaking Strength in N | Min 1300 N | Min 1300 N | >1500 N | |
| Moisture Expansion in mm/m | Test Method Available | Not Available | Max. 0.02 | ISO-10545-Part 10 |
| Scratch Hardness of Surface (Mohs) | N/A | Not Available | Min 6 | IS 13630 Part-13 |
| Resistance to Deep Abrasion of un glaze tiles, removed volume in mm ³ | Max. 175 | Max. 175 | Max. 140 | ISO 10545-Part 7/IS 4457 Annex E |
| Coefficient of Linear Thermal Expansion from Ambient Temperature to 100° C | Test Method Available | Not Available | Max 6 X 10 ⁻⁶ K ⁻¹ max | ISO 10545-Part 8 |
| Thermal Shock Resistance | Required | Not Available | 10 cycle passed | ISO-10545-Part 9 |
| Crazing Resistance | N/A | Not Available | 4 cycle passed | ISO 10545-Part 11 |
| Impact Resistance as Co-efficient of Restitution (COR) | Test Method Available | Not Available | Min 0.55 | ISO 10545-Part 5 |
| Frost Resistance | Required | Not Available | 100 Cycle Passed | ISO 10545-Part 12 |
| Stain & Chemical Resistance | | | | |
| Stain Resistance | Min Class 3 | Not Available | Min Class 2 | ISO 10545-Part 14 |
| Resistance to Household chemicals | Minimum B | Test Method Available | Class UA | ISO 10545-Part 13/IS 4457 Annex F |
| Resistance to acids and alkalis (with exception of hydrofluoric acid and its compounds) | Declared Value' | Test Method Available | Class ULA (Low Conc) Class UHA (High Conc) | |
| Resistance to Concentrated HNO ₃ & H ₂ SO ₄ | Not Available | Loss of mass not exceeds 1.5% | Loss Less Than 1.0% | |

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/fixd. Complaints will not be entertained for Borders, Highlighters & Motifs.

PACKAGING DETAIL FOR STONE 10, STONE 16 FLOOR TILES

| Nominal Size (mm) | Thickness(mm) | Avg.weight per carton(Kgs) | No.of tiles per carton | Coverage area per carton |
|--------------------|---------------|----------------------------|------------------------|-------------------------------|
| 600X600 (Stone-10) | 10.0 | 32.5 | 4 | 1.44 Sq. Mtr. / 15.50 sq. ft. |
| 600X600 (Stone-16) | 16.0 | 26.2 | 2 | 0.72 Sq. Mtr. / 7.75 sq. ft. |

TECHNICAL SPECIFICATION FOR STONE 10, STONE 16 FLOOR TILES

| Characteristics | Requirement as per ISO 13006:2018 ≤ 0.5% Group B I a | Requirement as per IS 4457:2007 (Reaffirmed- 2012) ≤ 0.5% | Our Values | Test Method |
|-----------------------------------------------------------------------------------------|---------------------------------------------------------|--------------------------------------------------------------|------------------------------------------------------|-----------------------------------|
| Dimension & Surface Quality | | | | |
| Length & Width | ± 0.3% | ± 0.5% | ± 0.10% | ISO 10545-Part 2/IS 4457 Annex B |
| Thickness | ± 5.0% | ± 5.0% | ± 4.0% | |
| Straightness of Side | ± 0.30% | ± 0.20% | ± 0.10% | |
| Rectangularity | ± 0.30% | ± 0.20% | ± 0.10% | |
| Surface Flatness | | | | |
| Center Curvature (%) (Max. Dev.) | ± 0.40% | ± 0.30% | ± 0.2 % | |
| Edge Curvature (%) (Max. Dev.) | ± 0.40% | ± 0.30% | ± 0.2 % | |
| Corner Warpage (%) (Max. Dev.) | ± 0.40% | ± 0.30% | ± 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 | Avg. 0.5%, Individual 0.6% max | Avg. 0.5%, Individual 0.6% max | Avg.<0.5% | ISO 10545-Part 3/IS 4457 Annex C |
| Modulus of Rupture [N/mm ²] | Av 35, Individual 32 min | Av 35, Individual 32 min | Avg.>38 | ISO 10545-Part 4/IS 4457 Annex D |
| Breaking Strength in N | Min 1300 N | Min 1300 N | Min, 2000 N (For 10 mm) Min, 4000 N (For 16 mm) | |
| Moisture Expansion in mm/m | Test Method Available | Not Available | Max. 0.02 | ISO-10545-Part 10 |
| Scratch Hardness of Surface (Mohs) | N/A | Not Available | Min 6 | IS 13630 Part-13 |
| Resistance to Deep Abrasion of un glaze tiles, removed volume in mm ³ | Max. 175 | Max. 175 | Max. 140 | ISO 10545-Part 7/IS 4457 Annex E |
| Coefficient of Linear Thermal Expansion from Embiant Temperature to 100° C | Test Method Available | Not Available | Max 6 X 10 ⁻⁶ K ⁻¹ max | ISO 10545-Part 8 |
| Thermal Shock Resistance | Required | Not Available | 10 cycle passed | ISO-10545-Part 9 |
| Crazing Resistance | N/A | Not Available | 4 cycle passed | ISO 10545-Part 11 |
| Impact Resistance as Co-efficient of Restitution (COR) | Test Method Available | Not Available | Min 0.55 | ISO 10545-Part 5 |
| Frost Resistance | Required | Not Available | 100 Cycle Passed | ISO 10545-Part 12 |
| Stain & Chemical Resistance | | | | |
| Stain Resistance | Min Class 3 | Not Available | Min Class 2 | ISO 10545-Part 14 |
| Resistance to Household chemicals | Minimum B | Test Method Available | Class UA | ISO 10545-Part 13/IS 4457 Annex F |
| Resistance to acids and alkalis (with exception of hydrofluoric acid and its compounds) | Declared Value ¹ | Test Method Available | Class ULA (Low Conc) Class UHA (High Conc) | |
| Resistance to Concentrated HNO ₃ & H ₂ SO ₄ | Not Available | Loss of mass not exceeds 1.5% | Loss Less Than 1.0% | |

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.

PACKAGING DETAIL FOR 400x400MM FLOOR TILES

| Nominal Size (mm) | Thickness(mm) | Avg.weight per carton(Kgs) | No.of tiles per carton | Coverage area per carton |
|-------------------|---------------|----------------------------|------------------------|------------------------------|
| 400X400 (Digital) | 11.8 | 20.0 | 5 | 0.80 Sq. Mtr. / 8.61 sq. ft. |

TECHNICAL SPECIFICATION FOR 400x400MM FLOOR TILES

| Characteristics | Requirement as per ISO 13006:2018 ≤ 0.5% Group B I a | Requirement as per IS 4457:2007 (Reaffirmed- 2012) ≤ 0.5% | Our Values | Test Method |
|-----------------------------------------------------------------------------------------|---------------------------------------------------------|--------------------------------------------------------------|------------------------------------------------------|-----------------------------------|
| Dimension & Surface Quality | | | | |
| Length & Width | ± 0.3% | ± 0.5% | ± 0.10% | ISO 10545-Part 2/IS 4457 Annex B |
| Thickness | ± 5.0% | ± 5.0% | ± 4.0% | |
| Straightness of Side | ± 0.30% | ± 0.20% | ± 0.10% | |
| Rectangularity | ± 0.30% | ± 0.20% | ± 0.10% | |
| Surface Flatness | | | | |
| Center Curvature (%) (Max. Dev.) | ± 0.40% | ± 0.30% | ± 0.2 % | |
| Edge Curvature (%) (Max. Dev.) | ± 0.40% | ± 0.30% | ± 0.2 % | |
| Corner Warpage (%) (Max. Dev.) | ± 0.40% | ± 0.30% | ± 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 | Avg. 0.5%, Individual 0.6% max | Avg. 0.5%, Individual 0.6% max | Avg.<0.5% | ISO 10545-Part 3/IS 4457 Annex C |
| Modulus of Rupture [N/mm ²] | Av 35, Individual 32 min | Av 35, Individual 32 min | Avg.>35 | ISO 10545-Part 4/IS 4457 Annex D |
| Breaking Strength in N | Min 1300 N | Min 1300 N | Min, 3000 N | |
| Moisture Expansion in mm/m | Test Method Available | Not Available | Max. 0.02 | ISO-10545-Part 10 |
| Scratch Hardness of Surface (Mohs) | N/A | Not Available | Min 6 | IS 13630 Part-13 |
| Resistance to Deep Abrasion of un glaze tiles, removed volume in mm ³ | Max. 175 | Max. 175 | Max. 140 | ISO 10545-Part 7/IS 4457 Annex E |
| Coefficient of Linear Thermal Expansion from Ambient Temperature to 100° C | Test Method Available | Not Available | Max 6 X 10 ⁻⁶ K ⁻¹ max | ISO 10545-Part 8 |
| Thermal Shock Resistance | Required | Not Available | 10 cycle passed | ISO-10545-Part 9 |
| Crazing Resistance | N/A | Not Available | 4 cycle passed | ISO 10545-Part 11 |
| Impact Resistance as Co-efficient of Restitution (COR) | Test Method Available | Not Available | Min 0.55 | ISO 10545-Part 5 |
| Frost Resistance | Required | Not Available | 100 Cycle Passed | ISO 10545-Part 12 |
| Stain & Chemical Resistance | | | | |
| Stain Resistance | Min Class 3 | Not Available | Min Class 2 | ISO 10545-Part 14 |
| Resistance to Household chemicals | Minimum B | Test Method Available | Class UA | ISO 10545-Part 13/IS 4457 Annex F |
| Resistance to acids and alkalis (with exception of hydrofluoric acid and its compounds) | Declared Value | Test Method Available | Class ULA (Low Conc) Class UHA (High Conc) | |
| Resistance to Concentrated HNO ₃ & H ₂ SO ₄ | Not Available | Loss of mass not exceeds 1.5% | Loss Less Than 1.0% | IS 4457 Annex G |

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PACKAGING DETAIL FOR 300x300MM (15mm) FLOOR TILES

| Nominal Size (mm) | Thickness(mm) | Avg.weight per carton(Kgs) | No.of tiles per carton | Coverage area per carton |
|-------------------------------|---------------|----------------------------|------------------------|------------------------------|
| 300X300 (Tac-Tile & Platform) | 15.0 | 15.5 | 6 | 0.54 Sq. Mtr. / 5.81 sq. ft. |

TECHNICAL SPECIFICATION FOR 300x300MM (15mm) FLOOR TILES

| Characteristics | Requirement as per ISO 13006:2018 ≤ 0.5% Group B I a | Requirement as per IS 4457:2007 (Reaffirmed- 2012) ≤ 0.5% | Our Values | Test Method |
|-----------------------------------------------------------------------------------------|---------------------------------------------------------|--------------------------------------------------------------|------------------------------------------------------|-----------------------------------|
| Dimension & Surface Quality | | | | |
| Length & Width | ± 0.3% | ± 0.5% | ± 0.10% | ISO 10545-Part 2/IS 4457 Annex B |
| Thickness | ± 5.0% | ± 5.0% | ± 4.0% | |
| Straightness of Side | ± 0.30% | ± 0.20% | ± 0.10% | |
| Rectengularity | ± 0.30% | ± 0.20% | ± 0.10% | |
| Surface Flatness | | | | |
| Center Curvature (%) (Max. Dev.) | ± 0.40% | ± 0.30% | ± 0.2 % | |
| Edge Curvature (%) (Max. Dev.) | ± 0.40% | ± 0.30% | ± 0.2 % | |
| Corner Warpage (%) (Max. Dev.) | ± 0.40% | ± 0.30% | ± 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 | Avg. 0.5%, Individual 0.6% max | Avg. 0.5%, Individual 0.6% max | Avg.<0.5% | ISO 10545-Part 3/IS 4457 Annex C |
| Modulus of Rupture [N/mm ²] | Av 35, Individual 32 min | Av 35, Individual 32 min | Avg.>35 | ISO 10545-Part 4/IS 4457 Annex D |
| Breaking Strength in N | Min 1300 N | Min 1300 N | Avr > 2500 N | |
| Moisture Expansion in mm/m | Test Method Available | Not Available | Max. 0.02 | ISO-10545-Part 10 |
| Scratch Hardness of Surface (Mohs) | N/A | Not Available | Min 6 | IS 13630 Part-13 |
| Resistance to Deep Abrasion of un glaze tiles, removed volume in mm ³ | Max. 175 | Max. 175 | Max. 140 | ISO 10545-Part 7/IS 4457 Annex E |
| Coefficient of Linear Thermal Expansion from Embiant Temperature to 100° C | Test Method Available | Not Available | Max 6 X 10 ⁻⁶ K ⁻¹ max | ISO 10545-Part 8 |
| Thermal Shock Resistance | Required | Not Available | 10 cycle passed | ISO-10545-Part 9 |
| Crazing Resistance | N/A | Not Available | 4 cycle passed | ISO 10545-Part 11 |
| Imapct Resistance as Co-efficient of Restitution (COR) | Test Method Available | Not Available | Min 0.55 | ISO 10545-Part 5 |
| Frost Resistance | Required | Not Available | 100 Cycle Passed | ISO 10545-Part 12 |
| Stain & Chemical Resistance | | | | |
| Stain Resistance | Min Class 3 | Not Available | Min Class 2 | ISO 10545-Part 14 |
| Resistance to Household chemicals | Minimum B | Test Method Available | Class UA | ISO 10545-Part 13/IS 4457 Annex F |
| Resistance to acids and alkalis (with exception of hydrofluoric acid and its compounds) | Declared Value ¹ | Test Method Available | Class ULA (Low Conc) Class UHA (High Conc) | |
| Resistance to Concentrated HNO ₃ & H ₂ SO ₄ | Not Available | Loss of mass not exceeds 1.5% | Loss Less Than 1.0% | IS 4457 Annex G |

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PACKAGING DETAIL FOR 300X300MM (DIGITAL & NON DIGITAL) FLOOR TILES

| Nominal Size (mm) | Thickness(mm) | Avg.weight per carton(Kgs) | No.of tiles per carton | Coverage area per carton |
|---------------------------------|---------------|----------------------------|------------------------|--------------------------|
| 300X300 (Digital & Non Digital) | 10.0 | 16.0 | 8 | 0.72sq.mtr./7.75sq.ft. |
| 300X300 (Non Digital) | 15.0 | 18.0 | 6 | 0.54sq.mtr./5.81sq.ft. |

TECHNICAL SPECIFICATION FOR 300x300MM (DIGITAL & NON DIGITAL) FLOOR TILES

| Characteristics | Requirement as per ISO 13006:2018 ≤ 0.5% Group B I a | Requirement as per IS 4457:2007 (Reaffirmed- 2012) ≤ 0.5% | Our Values | Test Method |
|-----------------------------------------------------------------------------------------|---------------------------------------------------------|--------------------------------------------------------------|------------------------------------------------------|-----------------------------------|
| Dimension & Surface Quality | | | | |
| Length & Width | ± 0.3% | ± 0.5% | ± 0.10% | ISO 10545-Part 2/IS 4457 Annex B |
| Thickness | ± 5.0% | ± 5.0% | ± 4.0% | |
| Straightness of Side | ± 0.30% | ± 0.20% | ± 0.10% | |
| Rectangularity | ± 0.30% | ± 0.20% | ± 0.10% | |
| Surface Flatness | | | | |
| Center Curvature (%) (Max. Dev.) | ± 0.40% | ± 0.30% | ± 0.2 % | |
| Edge Curvature (%) (Max. Dev.) | ± 0.40% | ± 0.30% | ± 0.2 % | |
| Corner Warpage (%) (Max. Dev.) | ± 0.40% | ± 0.30% | ± 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 | Avg. 0.5%, Individual 0.6% max | Avg. 0.5%, Individual 0.6% max | Avg.<0.5% | ISO 10545-Part 3/IS 4457 Annex C |
| Modulus of Rupture [N/mm ²] | Av 35, Individual 32 min | Av 35, Individual 32 min | Avg.>35 | ISO 10545-Part 4/IS 4457 Annex D |
| Breaking Strength in N | Min 1300 N | Min 1300 N | Min, 1800 N (For10 mm) Min, 4000 N (For 15mm) | |
| Moisture Expansion in mm/m | Test Method Available | Not Available | Max. 0.02 | ISO-10545-Part 10 |
| Scratch Hardness of Surface (Mohs) | N/A | Not Available | Min 6 | IS 13630 Part-13 |
| Resistance to Deep Abrasion of un glaze tiles, removed volume in mm ³ | Max. 175 | Max. 175 | Max. 140 | ISO 10545-Part 7/IS 4457 Annex E |
| Coefficient of Linear Thermal Expansion from Embiant Temperature to 100° C | Test Method Available | Not Available | Max 6 X 10 ⁻⁶ K ⁻¹ max | ISO 10545-Part 8 |
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| Stain Resistance | Min Class 3 | Not Available | Min Class 2 | ISO 10545-Part 14 |
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| Resistance to Concentrated HNO ₃ & H ₂ SO ₄ | Not Available | Loss of mass not exceeds 1.5% | Loss Less Than 1.0% | |

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