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ROCKDECK[®]
OUTDOOR FLOORS & FACADES — 30x30cm

HIGHLY-PERSISTENT,

EXTRAVAGANT.



ROCKDECK[®]
OUTDOOR FLOORS & FACADES

MINIMALIST AND CONTEMPORARY FINESSE

Amplify your space with these extravagant and durable tiles which are strong and go well with outdoor area. These tiles give an eclectic look that is long-lasting and unfading. The high quality and ever-lasting tiles are suitable for high traffic areas. Get the imperishable yet sturdy look with these outdoor tiles.



SUITABLE FOR
OUTDOOR
AREA



SUITABLE FOR
HIGH TRAFFIC
AREAS



STRONG &
DURABLE

MATT



9.5 mm THICKNESS



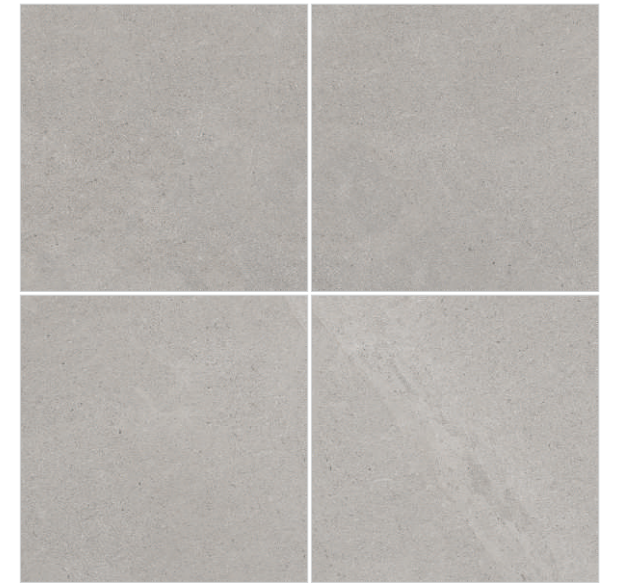
R D 1001



R D 1002



R D 1004



R D 1005



R D 1003



R D 1006

OUTDOOR FLOOR TILES



30x30cm

Surface - Matt

Thickness - 9.5



R D 1007



R D 1008



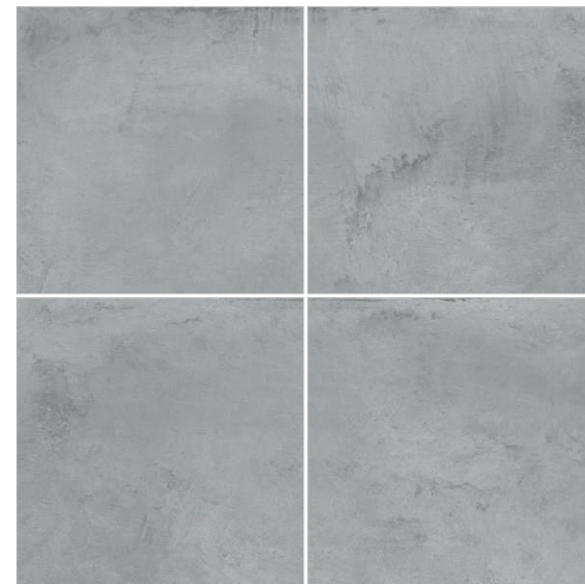
R D 1010



R D 1011



R D 1009



R D 1012

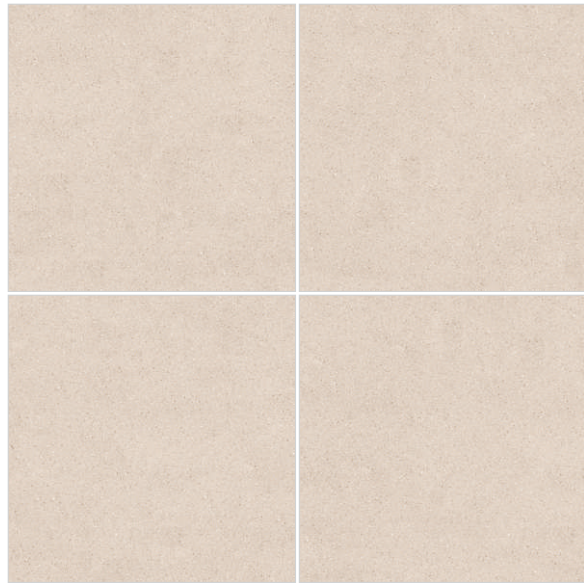
OUTDOOR FLOOR TILES



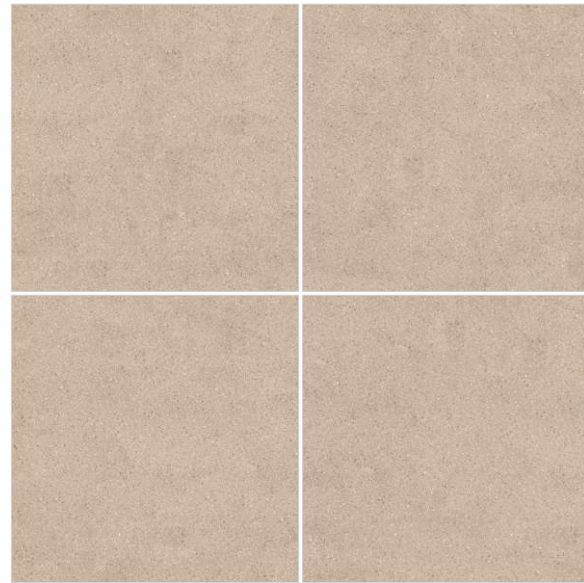
30x30cm

Surface - Matt

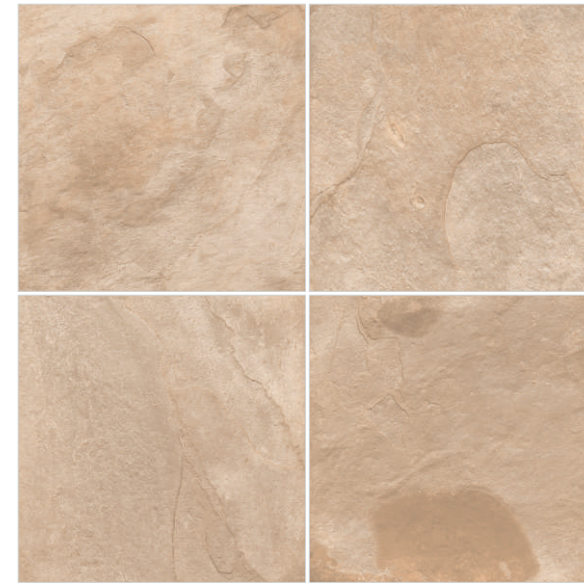
Thickness - 9.5



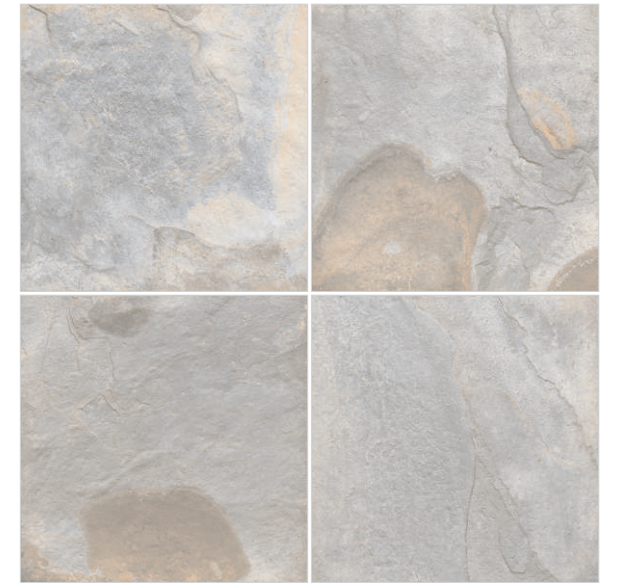
R D 1013



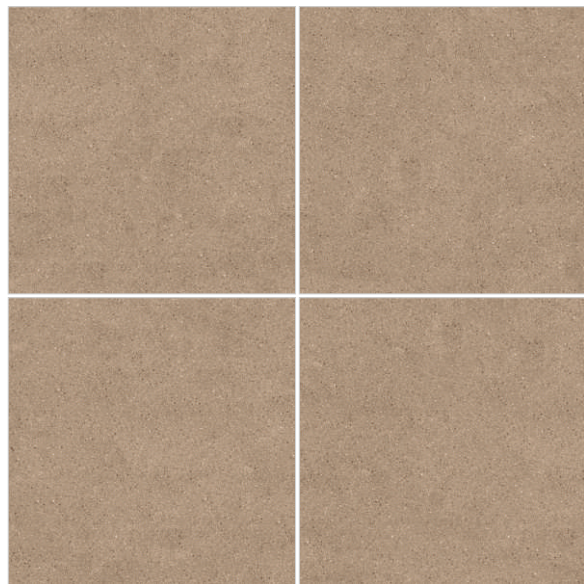
R D 1014



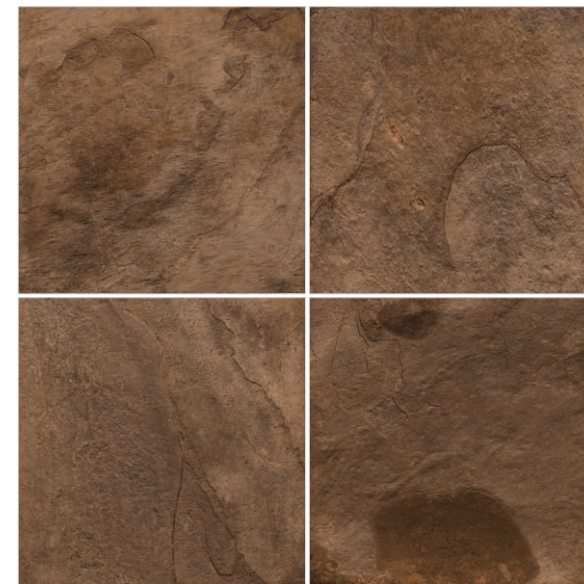
R D 1016



R D 1018



R D 1015



R D 1017

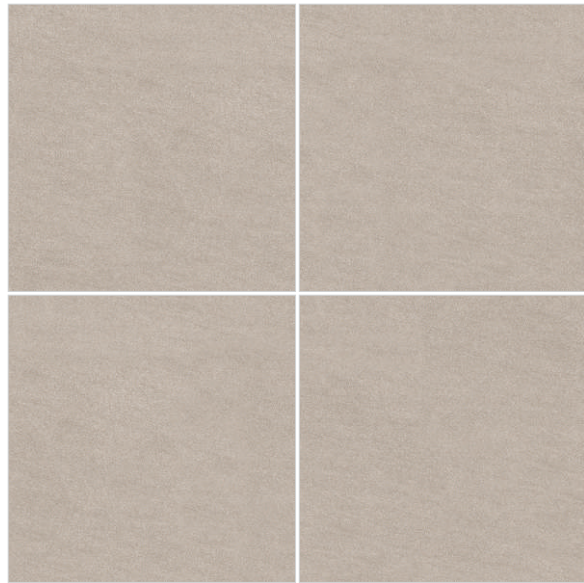
OUTDOOR FLOOR TILES



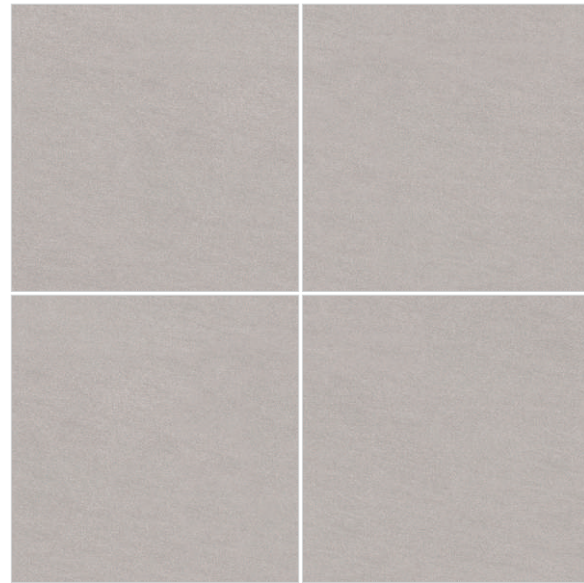
30x30cm

Surface - Matt

Thickness - 9.5



R D 1019



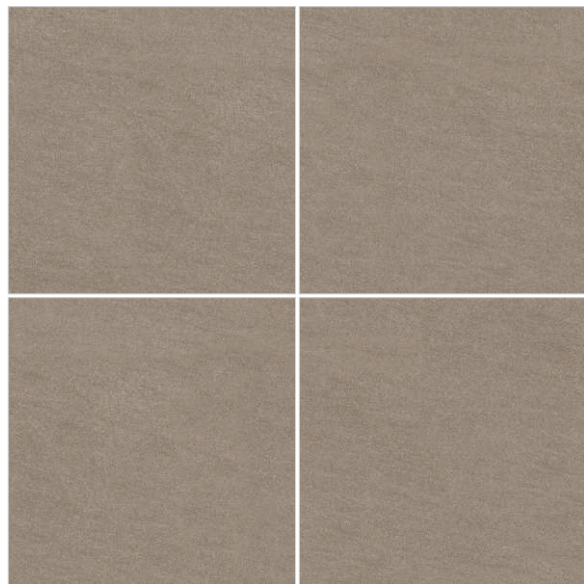
R D 1021



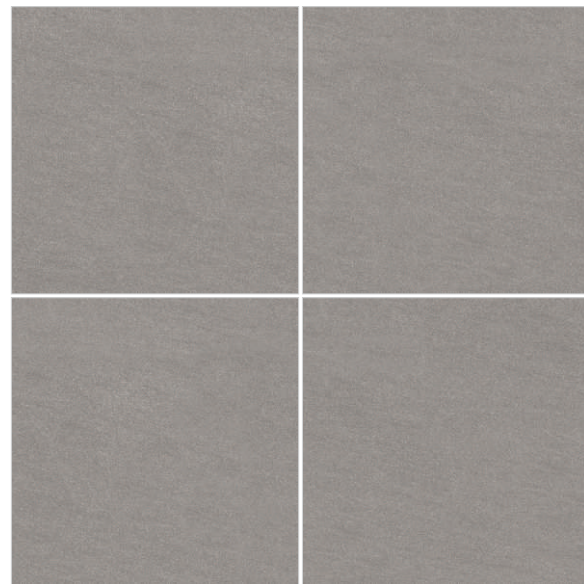
R D 1023



R D 1025



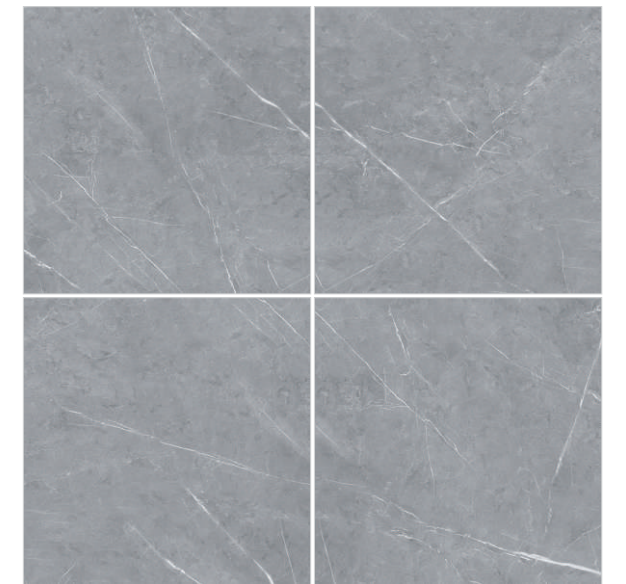
R D 1020



R D 1022



R D 1024



R D 1026

OUTDOOR FLOOR TILES



30x30cm

Surface - Matt

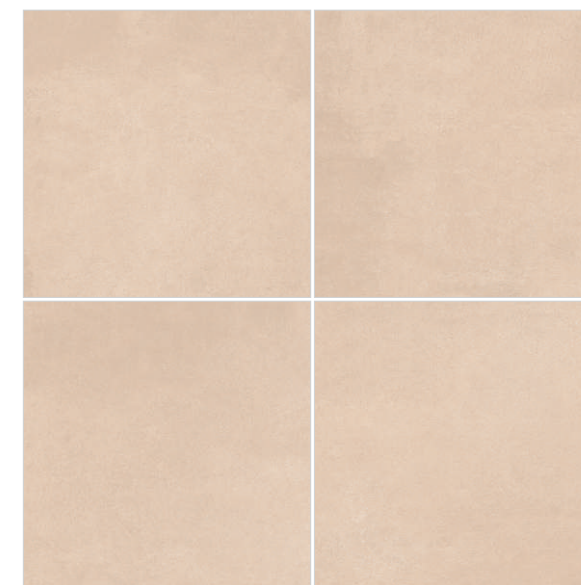
Thickness - 9.5



Floor - RD 1027
Size - 30x30cm



R D 1027



R D 1028

OUTDOOR FLOOR TILES



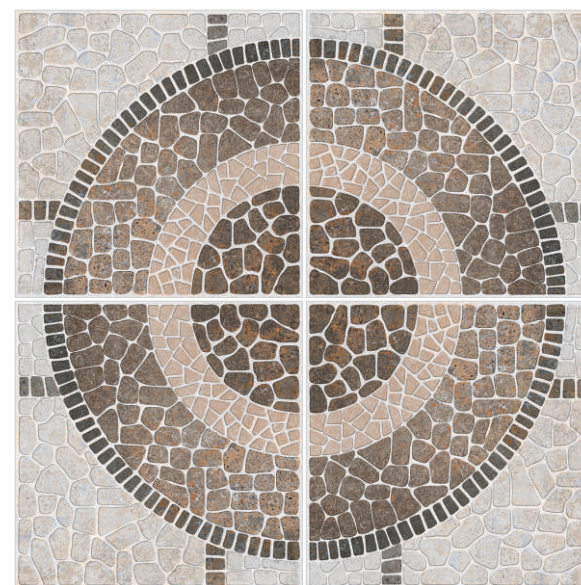
30x30cm

Surface - Matt

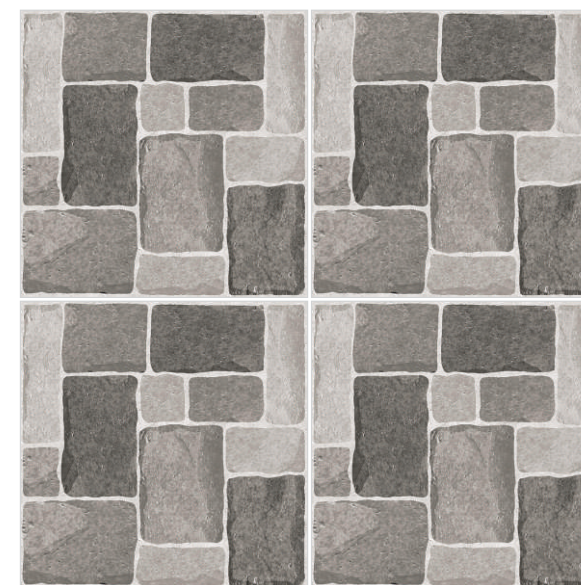
Thickness - 9.5



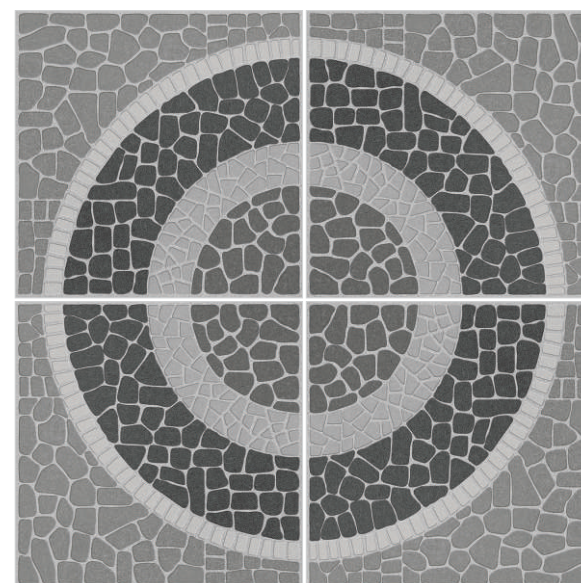
Floor - RD 1037
 Size - 30x30cm



R D 1037



R D 1039




R D 1038



R D 1040

OUTDOOR FLOOR TILES

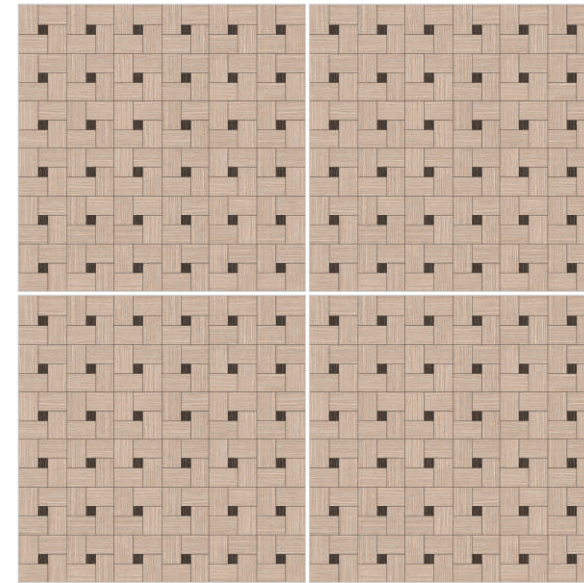

 Surface - Matt
 30x30cm Thickness - 9.5



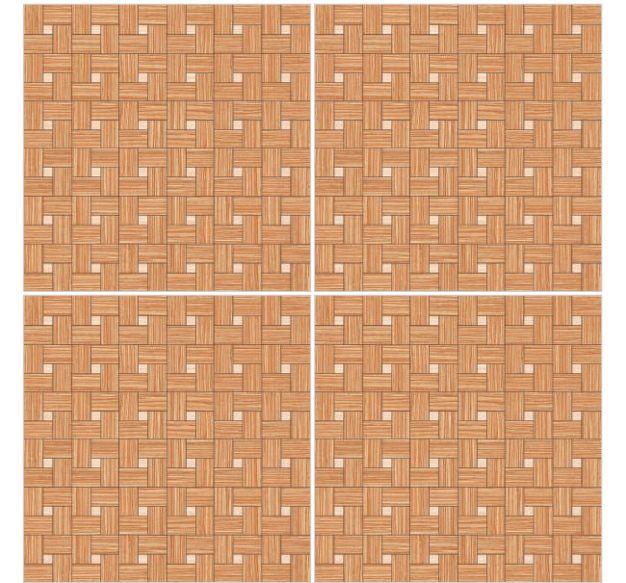
R D 1041



R D 1043



R D 1045



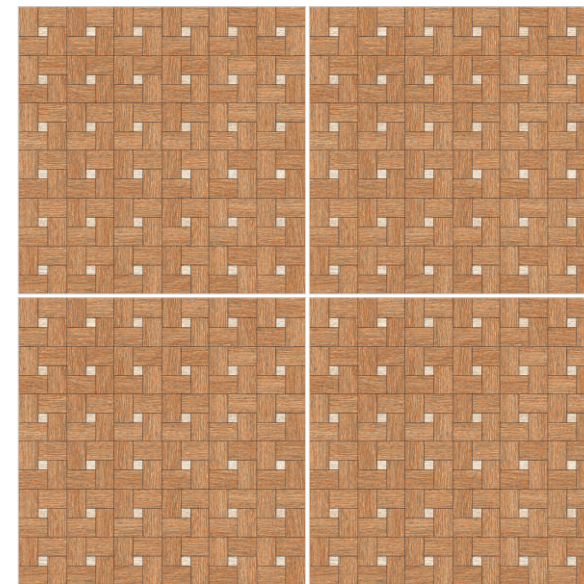
R D 1047



R D 1042



R D 1044

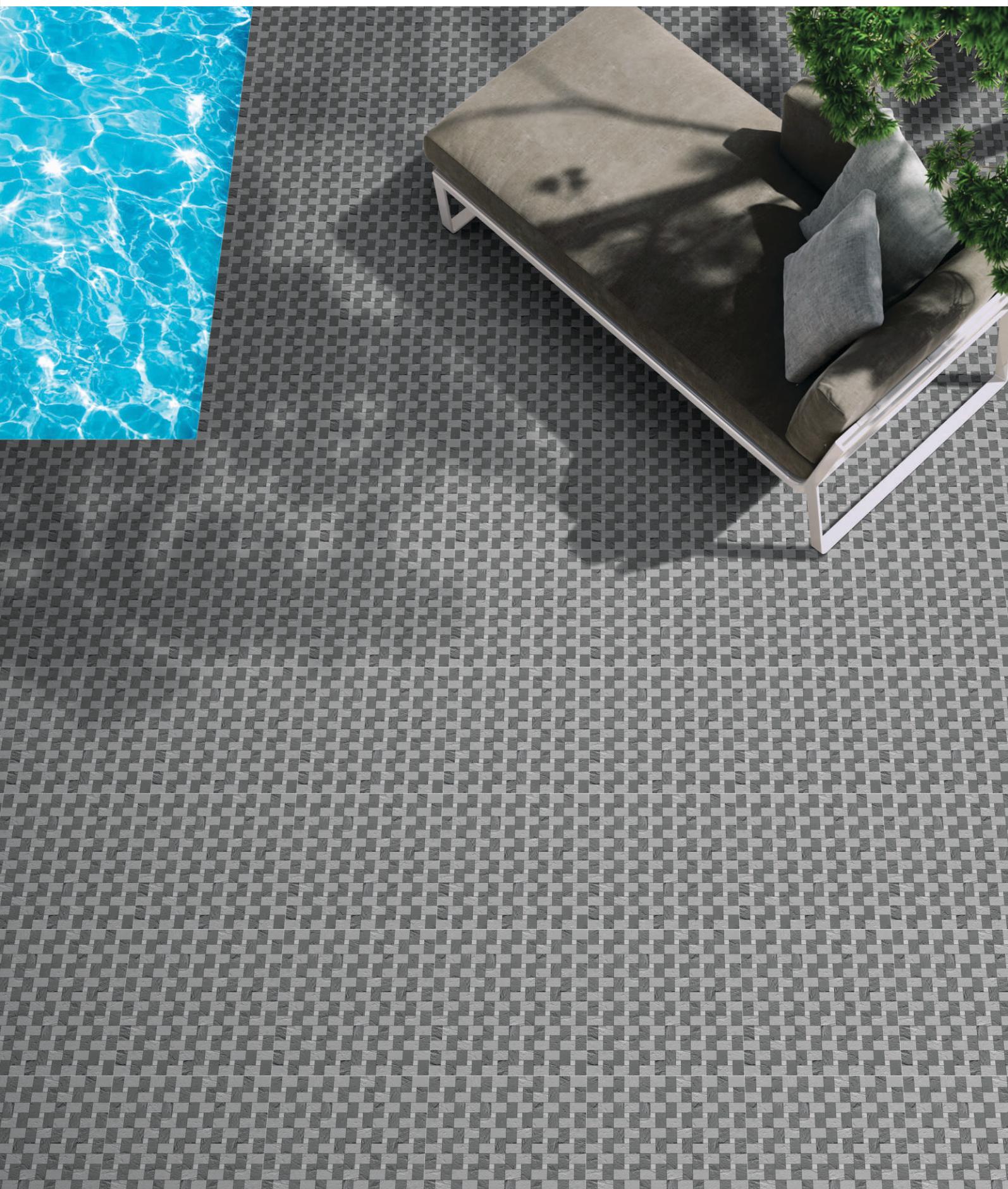


R D 1046

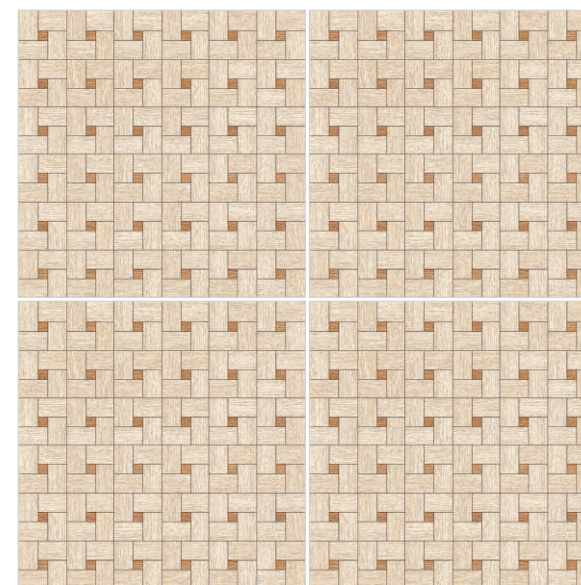
Floor - 0000
Size - 30x30cm

OUTDOOR FLOOR TILES

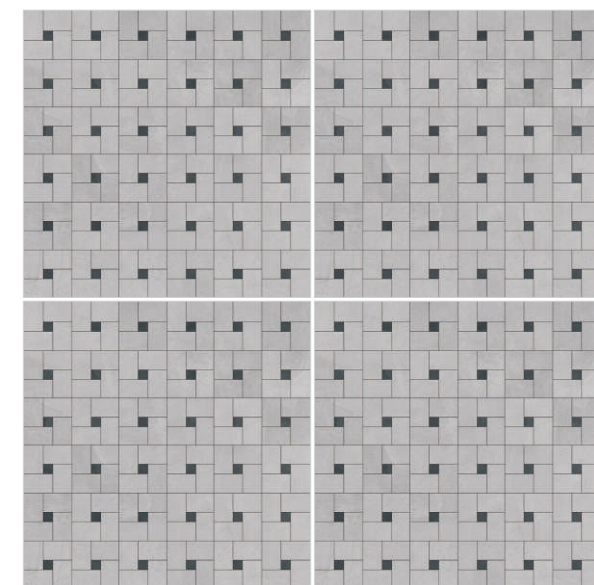
 **30x30cm** Surface - Matt
Thickness - 9.5



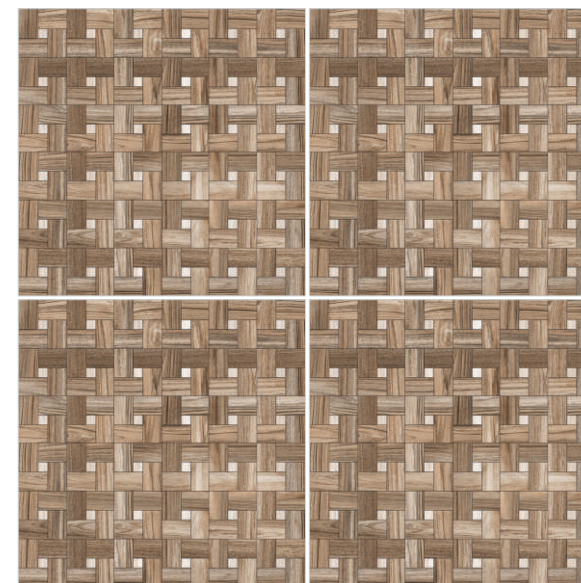
Floor - RD 1051
 Size - 30x30cm



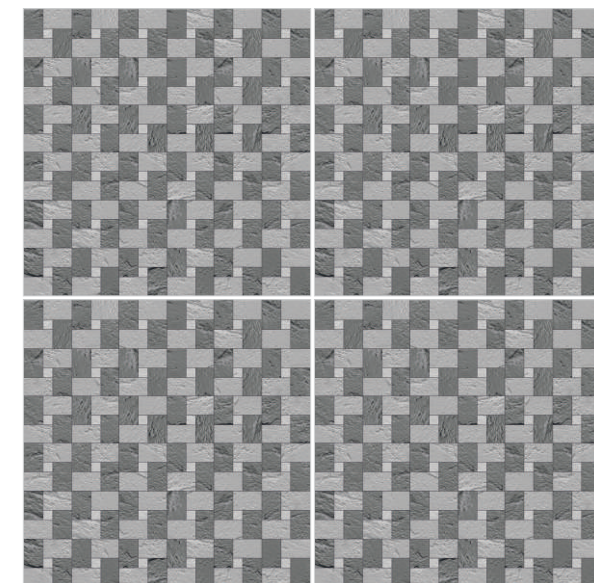
R D 1048



R D 1050



R D 1049



R D 1051

OUTDOOR FLOOR TILES



30x30cm

Surface - Matt

Thickness - 9.5



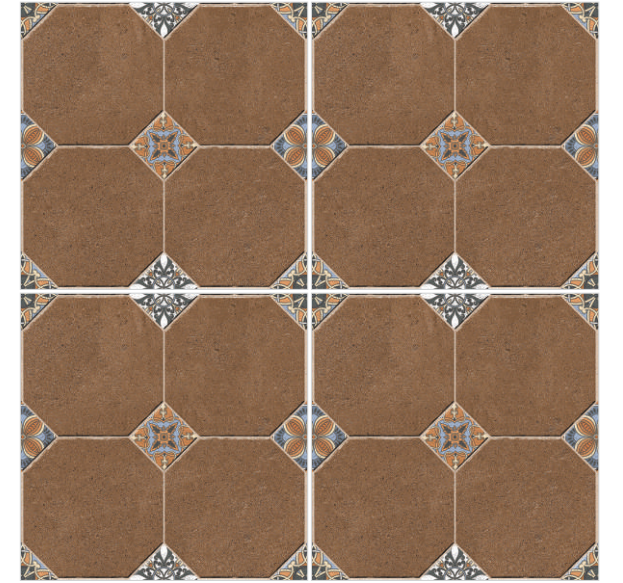
R D 1052



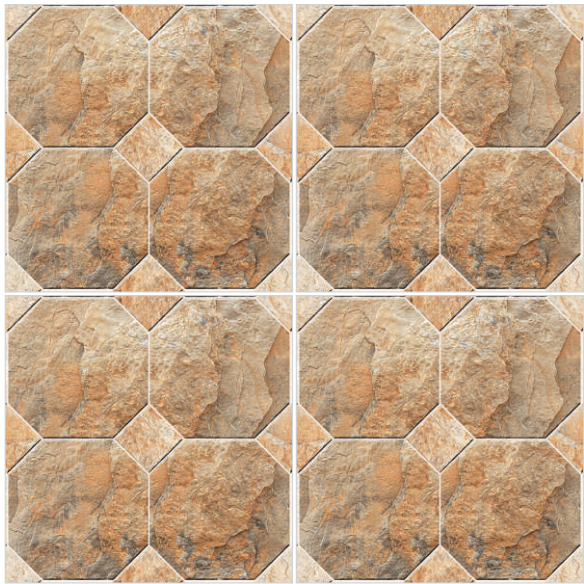
R D 1054



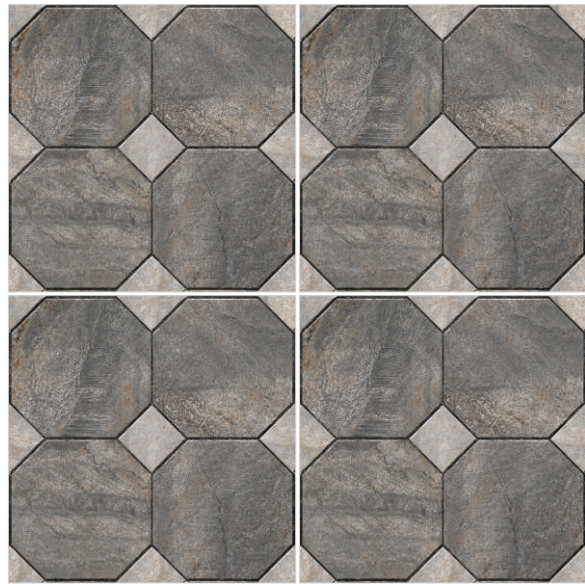
R D 1056



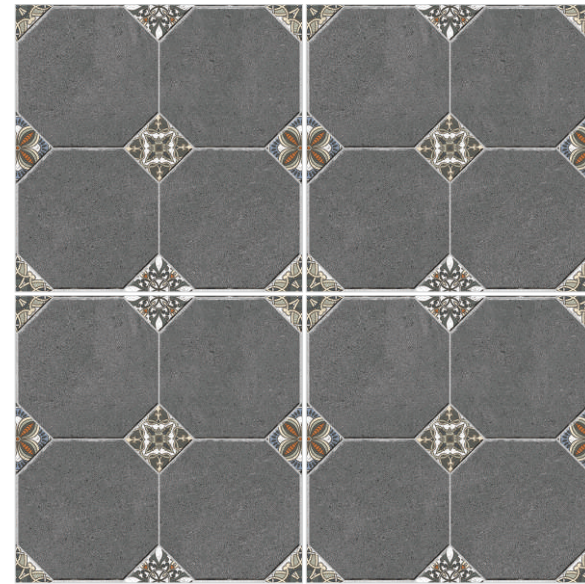
R D 1058



R D 1053




R D 1055



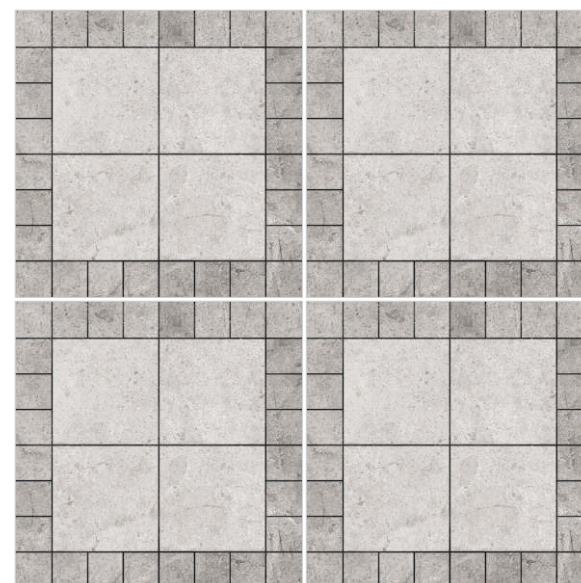
R D 1057

OUTDOOR FLOOR TILES

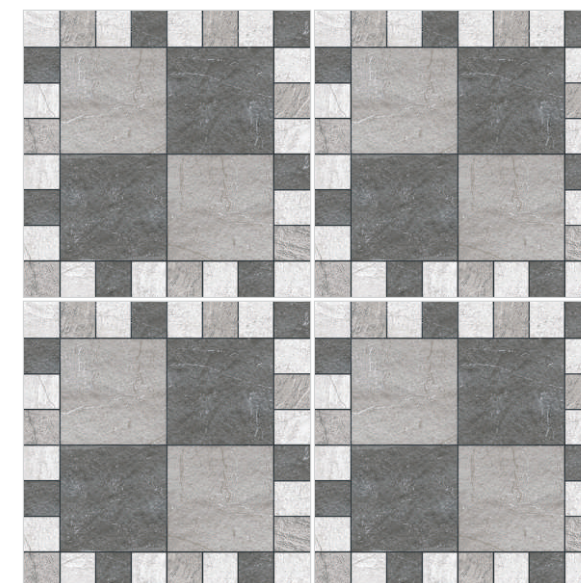
 **30x30cm** Surface - Matt
Thickness - 9.5



Floor - RD 1062
 Size - 30x30cm



R D 1059



R D 1061



R D 1060



R D 1062

OUTDOOR FLOOR TILES



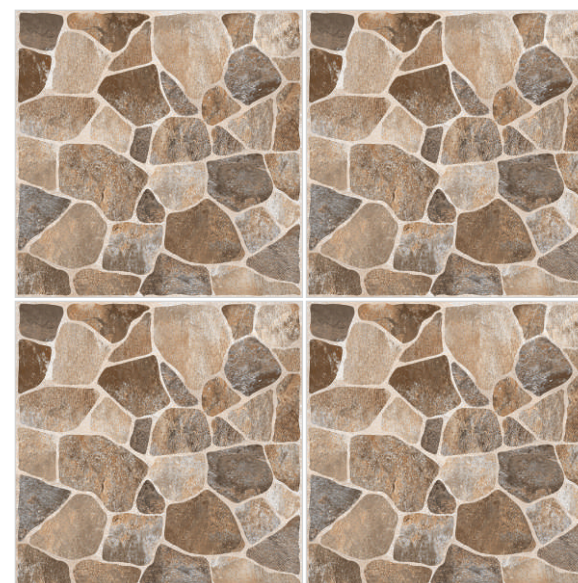
30x30cm

Surface - Matt

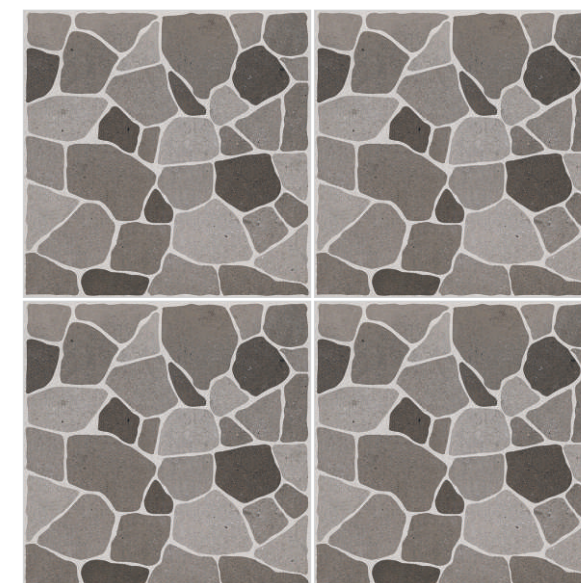
Thickness - 9.5



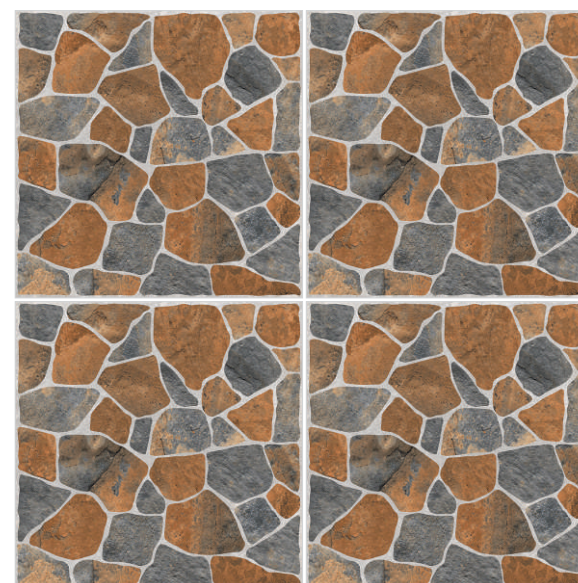
Floor - 1065
 Size - 30x30cm



R D 1063




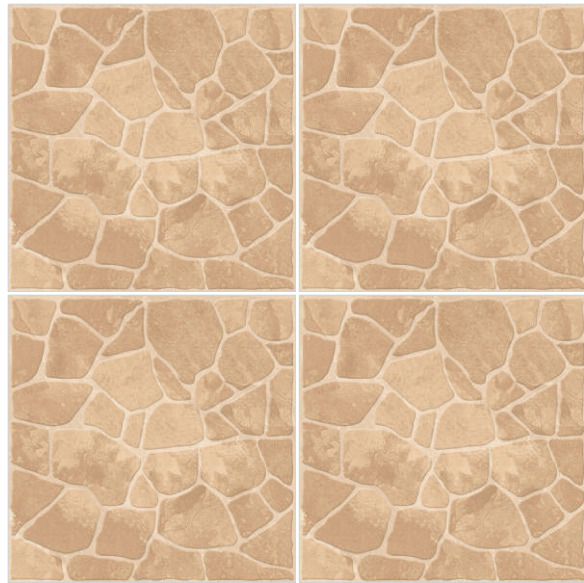
R D 1065



R D 1064

OUTDOOR FLOOR TILES


 Surface - Matt
 30x30cm Thickness - 9.5



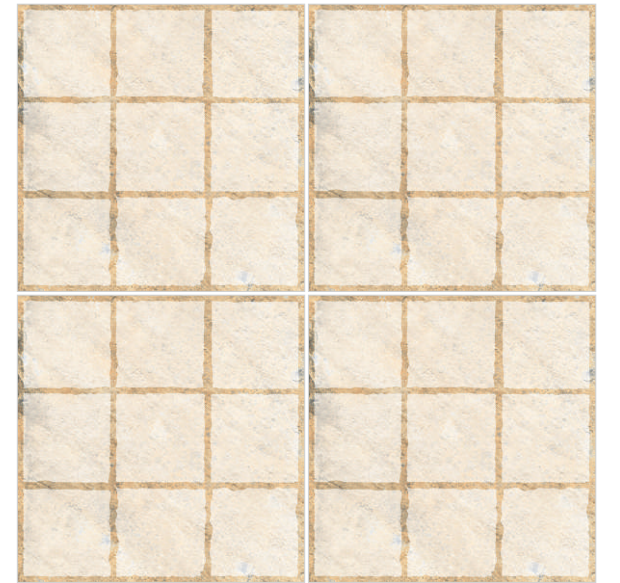
R D 1066



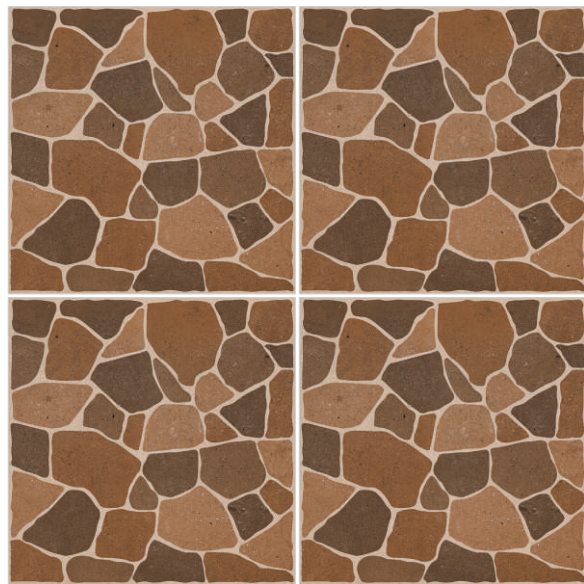
R D 1068



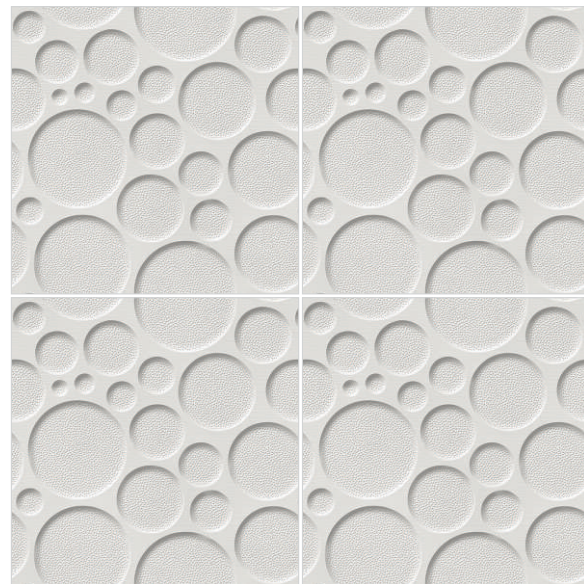
R D 1070



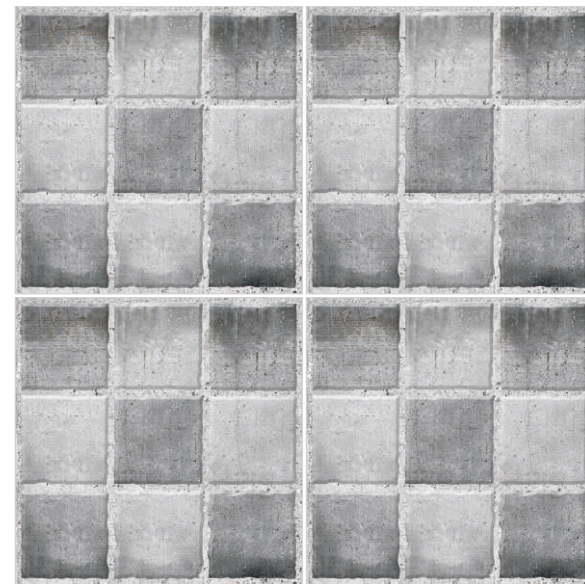
R D 1072



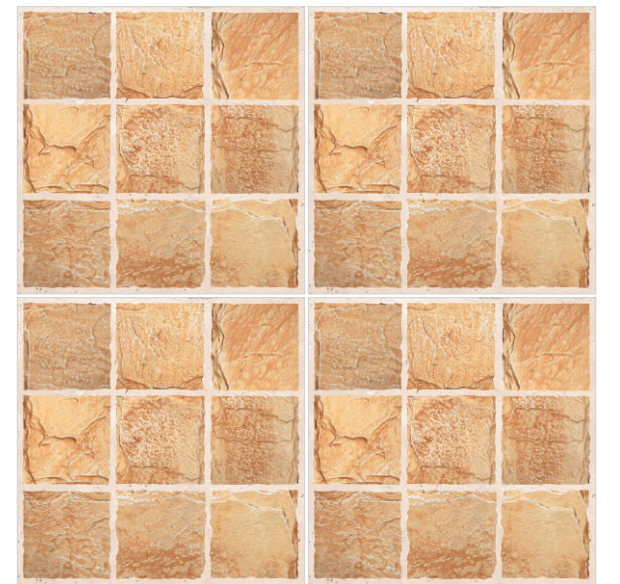
R D 1067



R D 1069




R D 1071



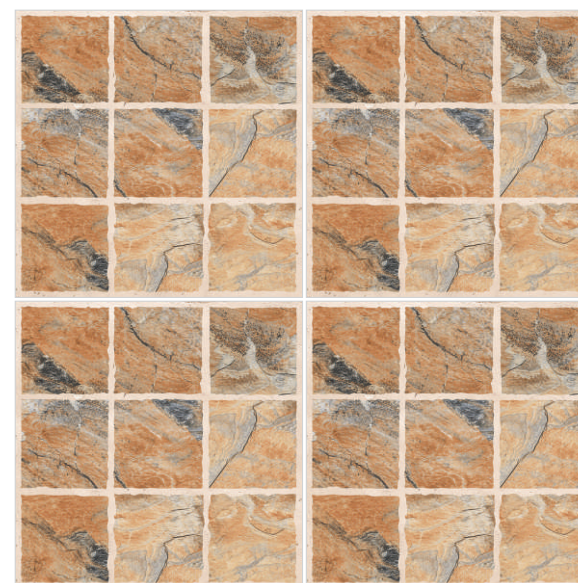
R D 1073

OUTDOOR FLOOR TILES

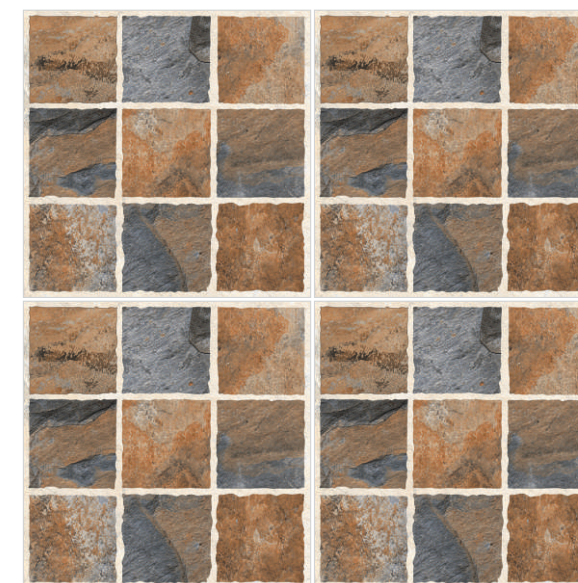
 **30x30cm** Surface - Matt
Thickness - 9.5



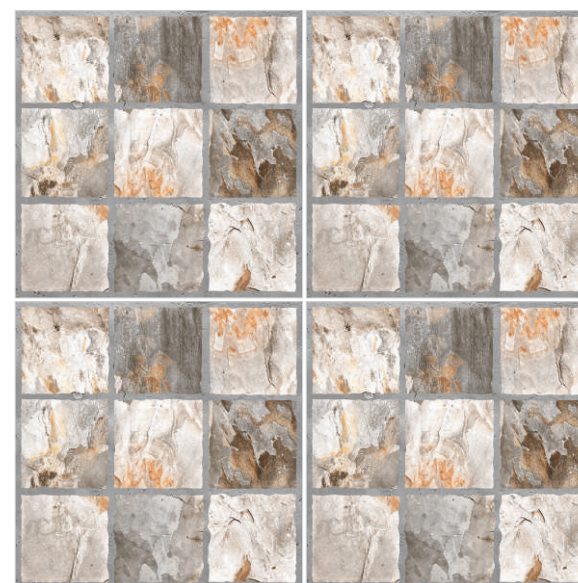
Floor - RD 1076
 Size - 30x30cm



R D 1074



R D 1076



R D 1075

OUTDOOR FLOOR TILES



30x30cm

Surface - Matt

Thickness - 9.5

Technical Specification

| CHARACTERISTIC | STANDARD AS PER ISO13006:2018/EN14411 Gr.Bla | TEST METHOD | MEAN VALUE OF SIMPOLO | MEAN VALUE OF SIMPOLO in mm |
|---|--|-----------------|---|--|
| Regulatory Properties | | | | |
| Deviation in Length and Width | ±0.30 % (±1.00 mm) | ISO 10545-2 | ± 0.10 % | ± 0.30 mm |
| Deviation in Thickness | ±5.0 % (± 0.50 mm) | ISO 10545-2 | ± 4.0 % | ± 0.30 mm |
| Straightness in Side | ±0.30 % (± 0.80 mm) | ISO 10545-2 | ± 0.10 % | ± 0.30 mm |
| Rectangularity | ±0.30 % (±1.50 mm) | ISO 10545-2 | ± 0.10 % | ± 0.40 mm |
| Surface Flatness Central Curvature | ±0.40 % (± 1.80 mm) | ISO 10545-2 | ± 0.20 % | ± 0.50 mm |
| Surface Flatness Edge Curvature | ±0.40 % (± 1.80 mm) | ISO 10545-2 | ± 0.20 % | ± 0.50 mm |
| Surface Flatness Warpage | ±0.40 % (± 1.80 mm) | ISO 10545-2 | ± 0.10 % | ± 0.50 mm |
| Surface Quality | >95% defects free | ISO 10545-2 | >95% defects free | >95% defects free |
| Small Color Difference(Glaze/ Unglaze) | UnglazeΔE <1.00/GlazeΔE <0.75 | ISO 10545-16 | ΔE <0.30 | ΔE <0.30 |
| Glossiness (Matt& Stone) | As per Manufacturer | Gloss Meter 60° | Gloss Value> 90 | Gloss Value> 90 |
| Glossiness (Matt& Stone) | As per Manufacturer | Gloss Meter 60° | 3 <Gloss Value<7 | 3 <Gloss Value<7 |
| Glossiness (Satin) | As per Manufacturer | Gloss Meter 60° | 7<Gloss Value<18 | 7<Gloss Value<18 |
| Structural Properties | | | | |
| Water Absorption | 3.00% <EV,≤6.00% | ISO 10545-3 | 3.00% <E ≤6.00% | 3.00% <E ≤6.00% |
| Bulk Density | As per Manufacturer | ISO 10545-3 | > 2.20 gm/cc | > 2.20 gm/cc |
| Massive Mechanical Properties | | | | |
| Modulus of Rupture | Min. 22.0 N/mm² | ISO 10545-4 | Min. 25.0 N/mm² | Min. 25.0 N/mm² |
| Breaking Strength Thickness ≥7.5 | Min 1000.0 N | ISO 10545-4 | Min 1500.0 N | Min 1500.0 N |
| Surface Mechanical Properties | | | | |
| MOH'S Hardness | As per Manufacturer | BS EN 15771 | Polished Min. 4*/Satin, Posh & Matt Min. 6 | Polished Min 4*/Satin, Posh & Matt Min 6 |
| Surface Abrasion Resistance | As per Manufacturer | ISO 10545-7 | Min. Class 3 | Min. Class 3 |
| Deep Abrasion Resistance | Max. 345 mm³ | ISO 10545-6 | Max 300 mm³ | Max 300 mm³ |
| Thermal Hydrometric Properties | | | | |
| Moisture Expansion | Max 0.06% (0.6 mm/m) | ISO 10545-10 | Max 0.02 mm/m | Max 0.02 mm/m |
| Thermal Expansion(COE) at 100°C | As per Manufacturer | ISO 10545-8 | Max. 6.5 x 10-6 | Max. 6.5 x 10-6 |
| Thermal Shock Resistance | Min 10 Cycle | ISO 10545-9 | Min 10 Cycle | Min 10 Cycle |
| Crazing Resistance at (ISO 500±20 kPa-159°C±1°C) / (IS 750 ±20 kPa-168°C±1°C) | As per Manufacturer | ISO10545-11 | Min 6 Cycle | Min 6 Cycle |
| Impact Resistance(COR) | Min. 0.55 | ISO 10545-5 | Min 0.55 | Min 0.55 |
| Frost Resistance | As per Manufacturer | ISO 10545-12 | Frost Proof | Frost Proof |
| Chemical Properties | | | | |
| Resistance to Staining Glazed/Unglazed | Min Class 3 | ISO 10545-14 | Min.Class 4 | Min.Class 4 |
| Resistance to Household Chemicals & Swimming Pool Salts Glazed/Unglazed | Min Class GB | ISO 10545-13 | Min Class GA/UB | Min Class GA/UB |
| Resistance to Low Concentrate Acid and Alkalies Glazed/Unglazed | As per Manufacturer | ISO 10545-13 | Min Class GLB*/ULB* | Min Class GLB*/ULB* |
| Resistance to High Concentrate Acid and Alkalies Glazed/Unglazed | As per Manufacturer | ISO 10545-13 | Min Class GHB*/UHB* | Min Class GHB*/UHB* |
| Safety Properties | | | | |
| Skid Resistance-(DCOF-WET PENDULUM)## | As per Manufacturer | BS 7976-2 | Glossy P0(<12), Satin, Posh ≥P1 (12-24) Matt ≥P2(25-34) | Glossy P0(<12),Satin, Posh ≥P1 (12-24) Matt ≥P2(25-34) |
| Slip Resistance-Satin/ Matt (DCOF) (R Value)## | As per Manufacturer | DIN 51130 | R9 to R13** | R9 to R13** |
| Fire Resistance | As per Manufacturer | N.A. | Fire Proof | Fire Proof |

Parameters are applicable for 1st Choice/Premium Grade Materials Only.

* For Matt & Satin Finished

** With nano technology (Polished Vitrified tiles) Depending on Application area (low or high intensity of traffic)

*** Except Hydrofluoric Acid & it's compound

Glaze tiles Intended for use on floor

As per customer requirement

Packing Details

| PRODUCT | SIZE | ACTULE SIZE | SIZE IN INCH | THICKNESS | TILES / BOX | COVERAGE AREA / BOX |
|----------|---------|-------------|--------------|-----------|-------------|----------------------|
| ROCKDECK | 40x40cm | 400x400mm | 16x16in | 9.5mm | 5pcs | 8.61 Sq ft 0.80 Sq m |

Technical Specification

| CHARACTERISTIC | STANDARD AS PER ISO13006:2018/EN14411 Gr.Bla | TEST METHOD | MEAN VALUE OF SIMPOLO | MEAN VALUE OF SIMPOLO in mm |
|---|--|-----------------|---|--|
| Regulatory Properties | | | | |
| Deviation in Length and Width | ±0.60 % (±2.00 mm) | ISO 10545-2 | ± 0.10 % | ± 0.50 mm |
| Deviation in Thickness | ±5.0 % (± 0.50 mm) | ISO 10545-2 | ± 4.0 % | ± 0.50 mm |
| Straightness in Side | ±0.50 % (± 1.50 mm) | ISO 10545-2 | ± 0.10 % | ± 0.50 mm |
| Rectangularity | ±0.50 % (±2.00 mm) | ISO 10545-2 | ± 0.10 % | ± 0.60 mm |
| Surface Flatness Central Curvature | ±0.50 % (±2.00 mm) | ISO 10545-2 | ± 0.20 % | ± 0.70 mm |
| Surface Flatness Edge Curvature | ±0.50 % (±2.00 mm) | ISO 10545-2 | ± 0.20 % | ± 0.70 mm |
| Surface Flatness Warpage | ±0.50 % (±2.00 mm) | ISO 10545-2 | ± 0.10 % | ± 0.70 mm |
| Surface Quality | >95% defects free | ISO 10545-2 | >95% defects free | >95% defects free |
| Small Color Difference(Glaze/ Unglaze) | UnglazeΔE <1.00/GlazeΔE <0.75 | ISO 10545-16 | ΔE <0.30 | ΔE <0.30 |
| Glossiness (Matt& Stone) | As per Manufacturer | Gloss Meter 60° | Gloss Value> 90 | Gloss Value> 90 |
| Glossiness (Matt& Stone) | As per Manufacturer | Gloss Meter 60° | 3 <Gloss Value<7 | 3 <Gloss Value<7 |
| Glossiness (Satin) | As per Manufacturer | Gloss Meter 60° | 7<Gloss Value<18 | 7<Gloss Value<18 |
| Structural Properties | | | | |
| Water Absorption | 3.00% <EV,≤6.00% | ISO 10545-3 | 3.00% <E ≤6.00% | 3.00% <E ≤6.00% |
| Bulk Density | As per Manufacturer | ISO 10545-3 | > 2.20 gm/cc | > 2.20 gm/cc |
| Massive Mechanical Properties | | | | |
| Modulus of Rupture | Min. 22.0 N/mm² | ISO 10545-4 | Min. 25.0 N/mm² | Min. 25.0 N/mm² |
| Breaking Strength Thickness ≥7.5 | Min 1000.0 N | ISO 10545-4 | Min 1500.0 N | Min 1500.0 N |
| Surface Mechanical Properties | | | | |
| MOH'S Hardness | As per Manufacturer | BS EN 15771 | Polished Min. 4*/Satin, Posh & Matt Min. 6 | Polished Min 4*/Satin, Posh & Matt Min 6 |
| Surface Abrasion Resistance | As per Manufacturer | ISO 10545-7 | Min. Class 3 | Min. Class 3 |
| Deep Abrasion Resistance | Max. 345 mm³ | ISO 10545-6 | Max 300 mm³ | Max 300 mm³ |
| Thermal Hydrometric Properties | | | | |
| Moisture Expansion | Max 0.06% (0.6 mm/m) | ISO 10545-10 | Max 0.02 mm/m | Max 0.02 mm/m |
| Thermal Expansion(COE) at 100°C | As per Manufacturer | ISO 10545-8 | Max. 6.5 x 10-6 | Max. 6.5 x 10-6 |
| Thermal Shock Resistance | Min 10 Cycle | ISO 10545-9 | Min 10 Cycle | Min 10 Cycle |
| Crazing Resistance at (ISO 500±20 kPa-159°C±1°C) / (IS 750 ±20 kPa-168°C±1°C) | As per Manufacturer | ISO10545-11 | Min 6 Cycle | Min 6 Cycle |
| Impact Resistance(COR) | Min. 0.55 | ISO 10545-5 | Min 0.55 | Min 0.55 |
| Frost Resistance | As per Manufacturer | ISO 10545-12 | Frost Proof | Frost Proof |
| Chemical Properties | | | | |
| Resistance to Staining Glazed/Unglazed | Min Class 3 | ISO 10545-14 | Min.Class 4 | Min.Class 4 |
| Resistance to Household Chemicals & Swimming Pool Salts Glazed/Unglazed | Min Class GB | ISO 10545-13 | Min Class GA/UB | Min Class GA/UB |
| Resistance to Low Concentrate Acid and Alkalies Glazed/Unglazed | As per Manufacturer | ISO 10545-13 | Min Class GLB*/ULB* | Min Class GLB*/ULB* |
| Resistance to High Concentrate Acid and Alkalies Glazed/Unglazed | As per Manufacturer | ISO 10545-13 | Min Class GHB*/UHB* | Min Class GHB*/UHB* |
| Safety Properties | | | | |
| Skid Resistance-(DCOF-WET PENDULUM)## | As per Manufacturer | BS 7976-2 | Glossy P0(<12), Satin, Posh ≥P1 (12-24) Matt ≥P2(25-34) | Glossy P0(<12),Satin, Posh ≥P1 (12-24) Matt ≥P2(25-34) |
| Slip Resistance-Satin/ Matt (DCOF) (R Value)## | As per Manufacturer | DIN 51130 | R9 to R13** | R9 to R13** |
| Fire Resistance | As per Manufacturer | N.A. | Fire Proof | Fire Proof |

Parameters are applicable for 1st Choice/Premium Grade Materials Only.

* For Matt & Satin Finished

** With nano technology (Polished Vitrified tiles) Depending on Application area (low or high intensity of traffic)

*** Except Hydrofluoric Acid & it's compound

Glaze tiles Intended for use on floor

As per customer requirement