

SUNHEARTT
CERAMIK

*Durable designs,
timeless appeal*

FRESCO
PARKING TILES

40x40cm

COLLECTION 2024

SUNHEARRT INTRODUCTION

Path-breaking innovations with a Promise of quality!

Inspired in collection, and unmatched in design; Sunhearrt, a brand by Sunshine Tiles Company Pvt. Ltd., through its novel technology and product introductions, is leading the Ceramic industry to achieve a peerless national and global reputation in becoming a single-stop solution for any space amplification.

Penetrating the industry with an ever-expanding portfolio, Sunhearrt has now diversified its core strength of Ceramics, and Vitrified tiles into GVT/PVT, Porcelain, Sanitaryware, as well as a range of complete Tiling Solutions.

Company strength and achievements that defines our place in the industry.



AMONG **TOP 10** CERAMIC BRANDS IN INDIA



ONE OF **THE LARGEST TILE EXPORTERS**, CONSECUTIVELY FOR THE LAST 6 YEARS



14+ SIZES IN 5000+ DESIGNS



PRESENCE IN **60+** COUNTRIES



25 MILLION SQM. MANUFACTURING CAPACITY/ANNUM



THE FIRST COMPANY IN THE CERAMIC INDUSTRY WITH **3-STAR EXPORT HOUSE**



1195+ BUSINESS PARTNERS



INVESTMENTS IN **RENEWABLE ENERGY**

Elevating spaces, uplifting surface experience!

Reshaping spaces by constantly enhancing surroundings with new possibilities. Sunhearrt promises the amalgamation of innovation and style, crafting high-end ceramic excellence. It is about taking space to a higher level, making it more appealing and adaptive.

Our focus lies in transcending the ordinary, where every tile, every design, echoes the essence of sophistication and durability. Sunhearrt stands as a beacon for those seeking not just elegance but an enduring legacy woven into the very fabric of their spaces.



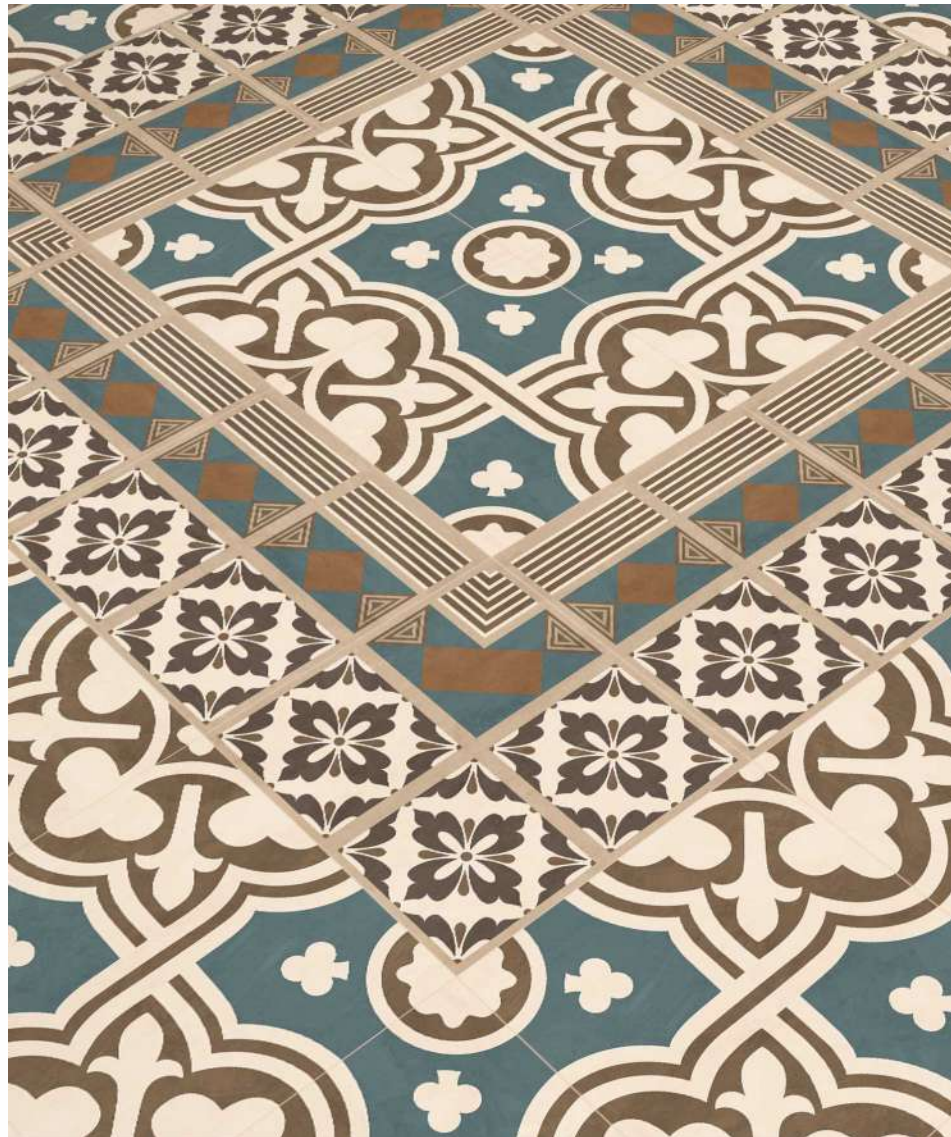
Tiles

Flooring the extensions of your dream space, tiles from Sunhearrt are a great addition to every ambience. With their simplistic elegance and finesse, our tiles introduce modernity and grandeur by manufacturing the best alternatives and replacements to natural surfaces. This collection, thence, is the perfect choice for 'architecting' the spectacular!

GEMSTONE COLLECTION
40x40cm - GVT Parking

GEMSTONE COLLECTION

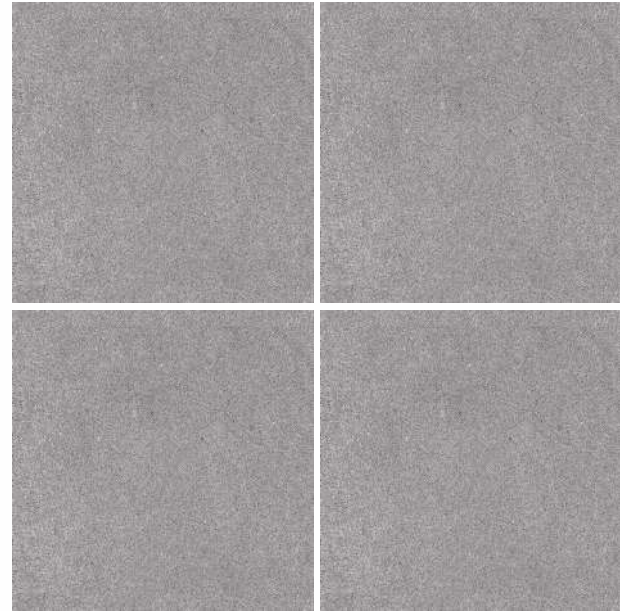
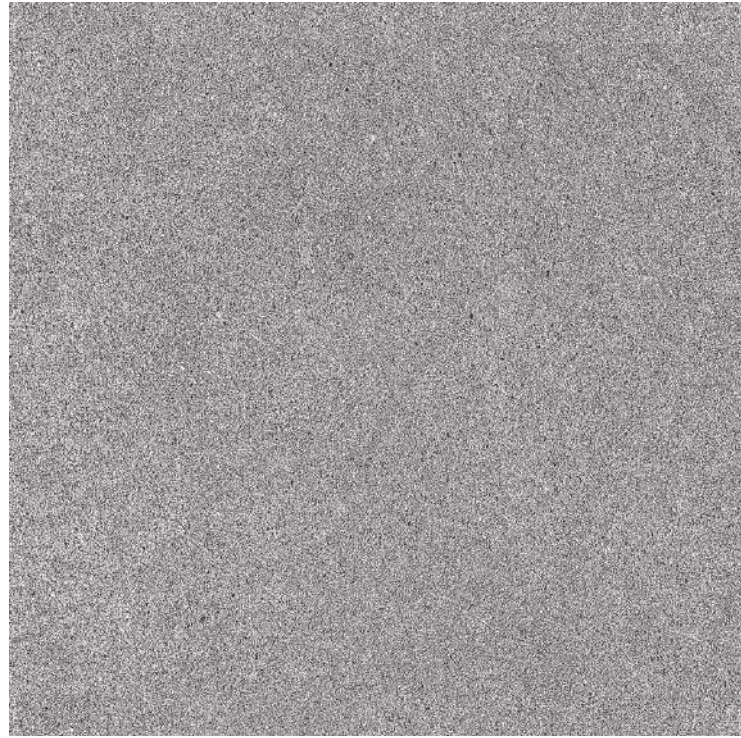
Let durability and elegance grace your parking lot with tiles from the masterfully crafted Gemstone Collection. Their raw and sturdy look enhances the aura of surroundings, while the functional attributes make them the perfect choice for exteriors.



Floor

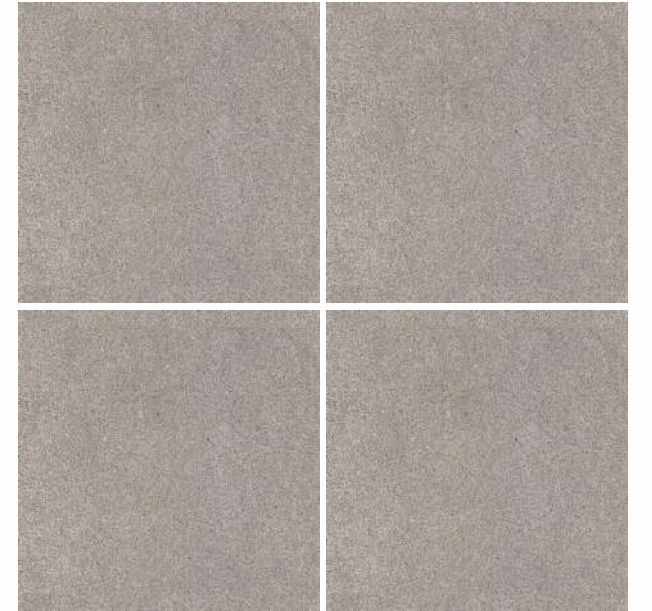
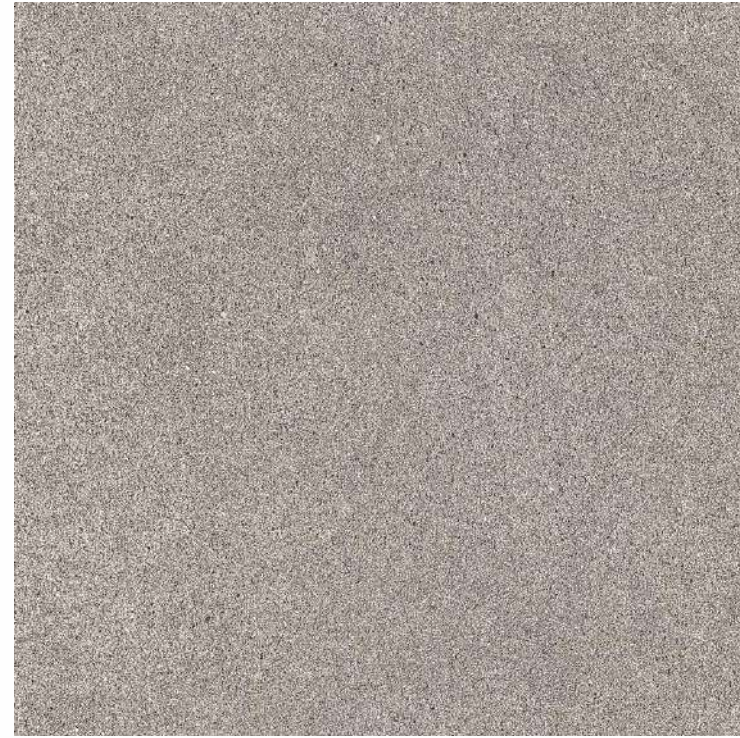
ALISO IVORY DECORE 1, 2 & 3
40X40cm
MATT

GEMSTONE COLLECTION
40x40cm - GVT Parking



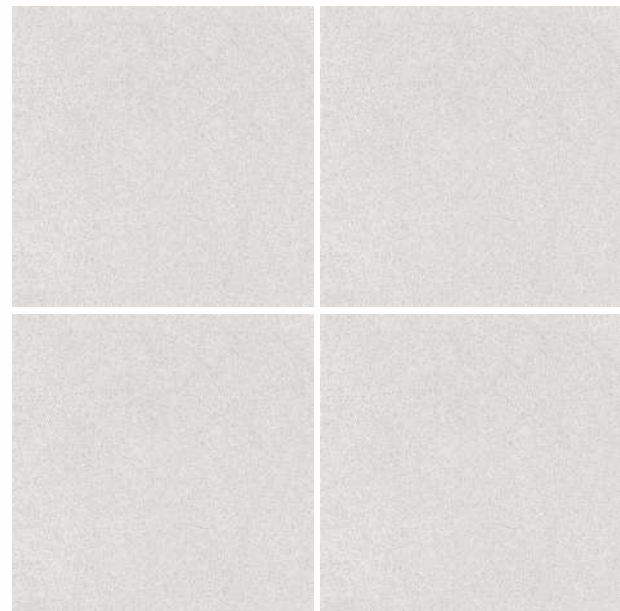
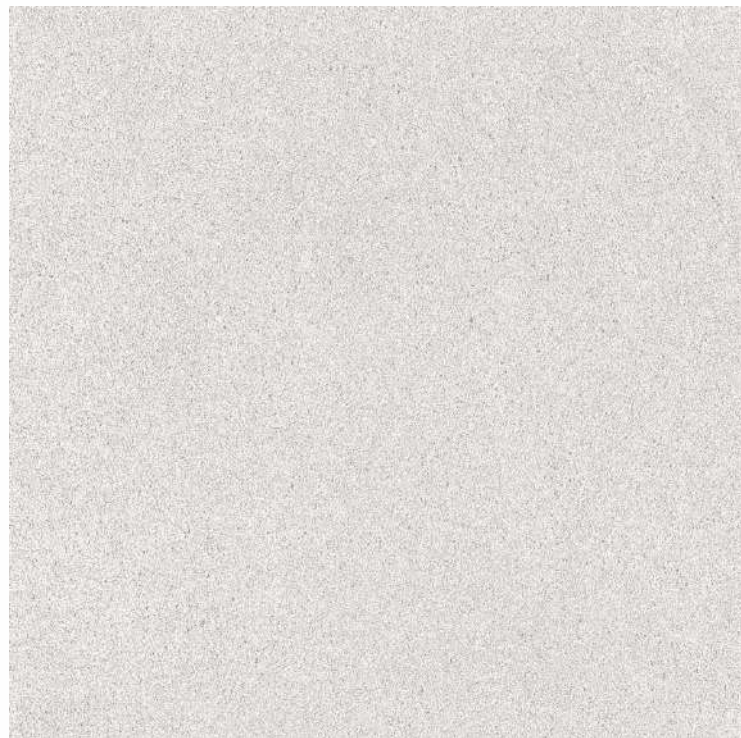
1 FACE

ACIER GREY



1 FACE

ACIER SAND



1 FACE

ACIER CEMENTO

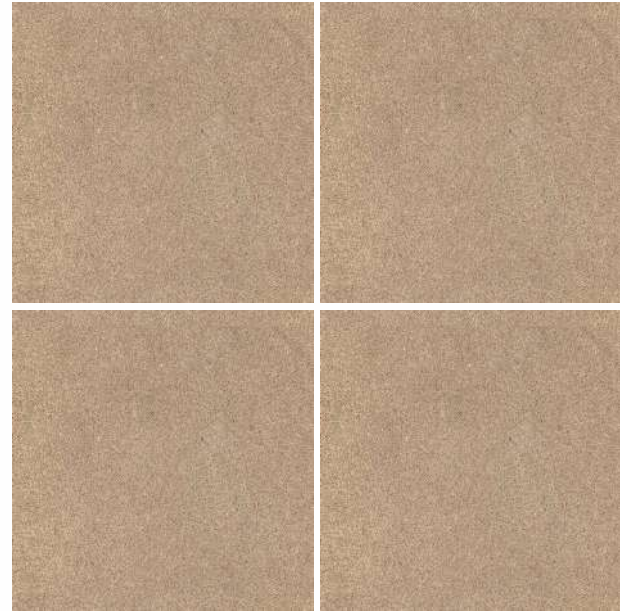


ACIER SAND

SIZE - 40x40cm
FINISH - MATT
COLLECTION - GEMSTONE COLLECTION

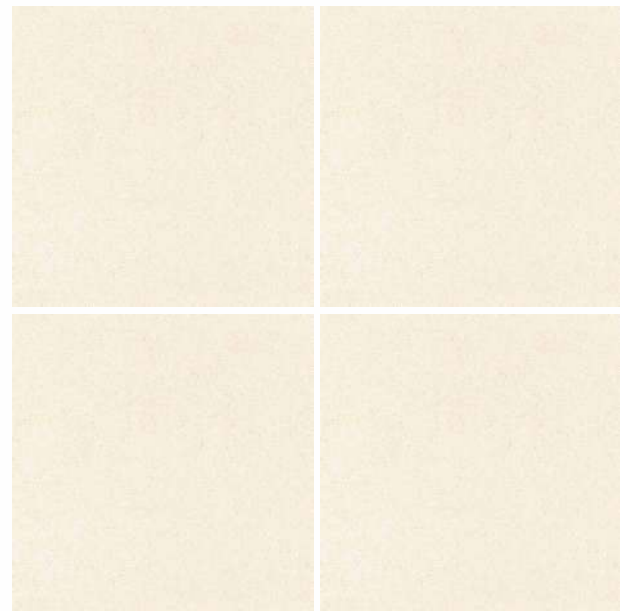
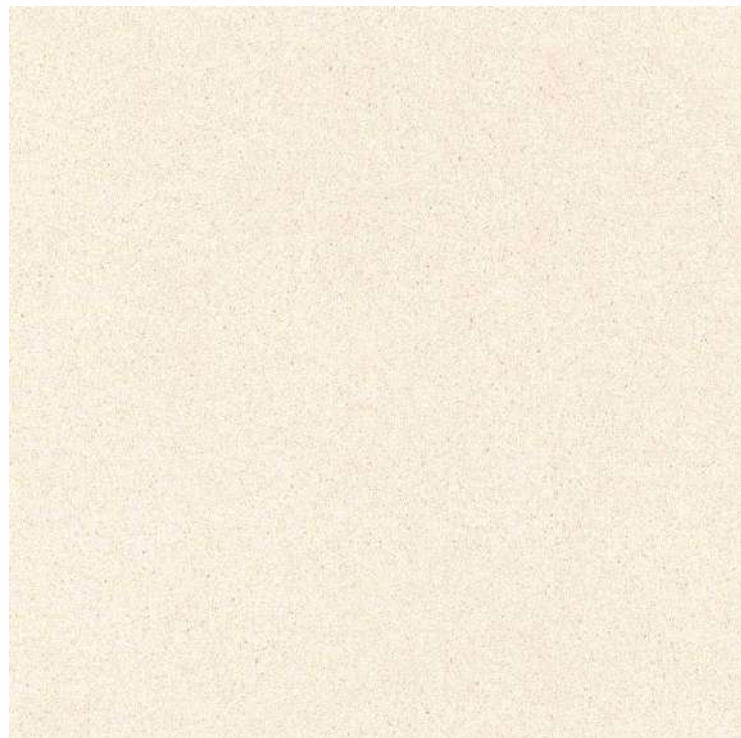
SIZE - 40x40cm
FINISH - MATT
COLLECTION - GEMSTONE COLLECTION

GEMSTONE COLLECTION
40x40cm - GVT Parking



1 FACE

ACIER BROWN



1 FACE

ACIER IVORY

SIZE - 40x40cm
FINISH - MATT
COLLECTION - GEMSTONE COLLECTION

ACIER IVORY





ALISO IVORY DECORE 1



ALISO IVORY DECORE 3



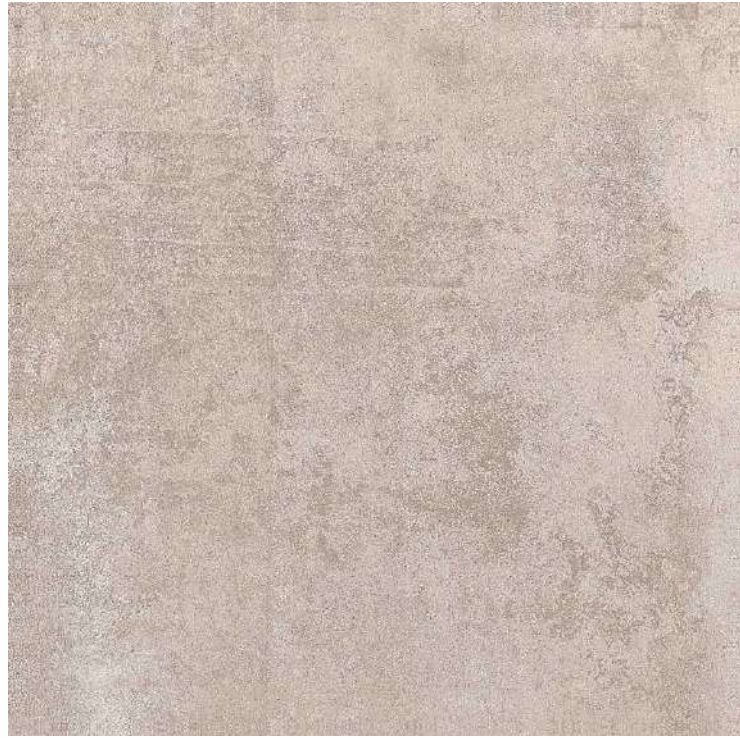
ALISO IVORY DECORE 2

SIZE - 40x40cm
FINISH - MATT
COLLECTION - GEMSTONE COLLECTION

ALISO IVORY DECORE

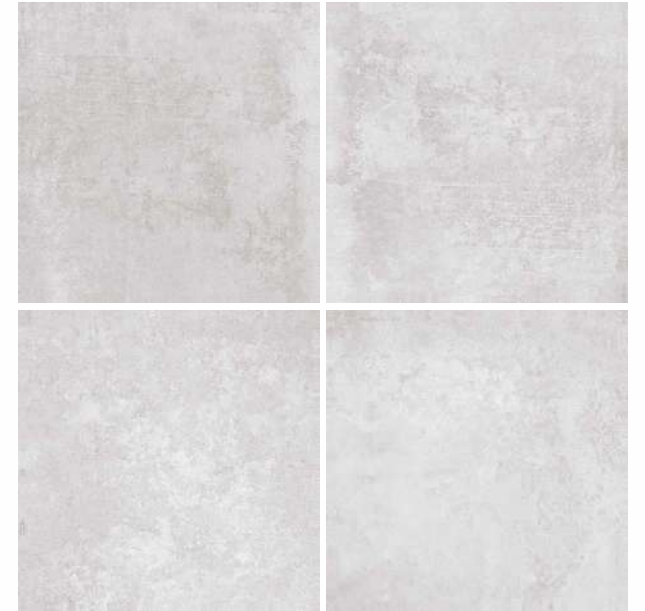
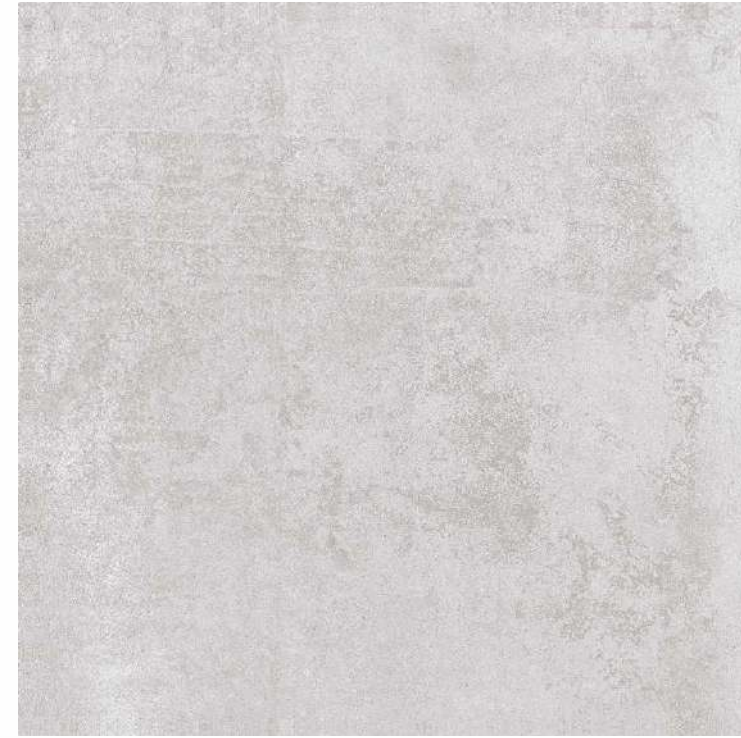


GEMSTONE COLLECTION
40x40cm - GVT Parking



4 FACE

BIRON SAND



4 FACE

BIRON CEMENTO



4 FACE

BIRON NERO



BIRON SAND

SIZE - **40x40cm**
FINISH - **MATT**
COLLECTION - **GEMSTONE COLLECTION**

SIZE - **40x40cm**
FINISH - **MATT**
COLLECTION - **GEMSTONE COLLECTION**



EBANO BEIGE DECORE 1

EBANO BEIGE DECORE 2



EBANO BEIGE DECORE 3



GEMSTONE COLLECTION
40x40cm - GVT Parking



4 FACE

FIRENZE GREY



4 FACE

FIRENZE SAND

SIZE - 40x40cm
FINISH - MATT
COLLECTION - GEMSTONE COLLECTION

FIRENZE GREY



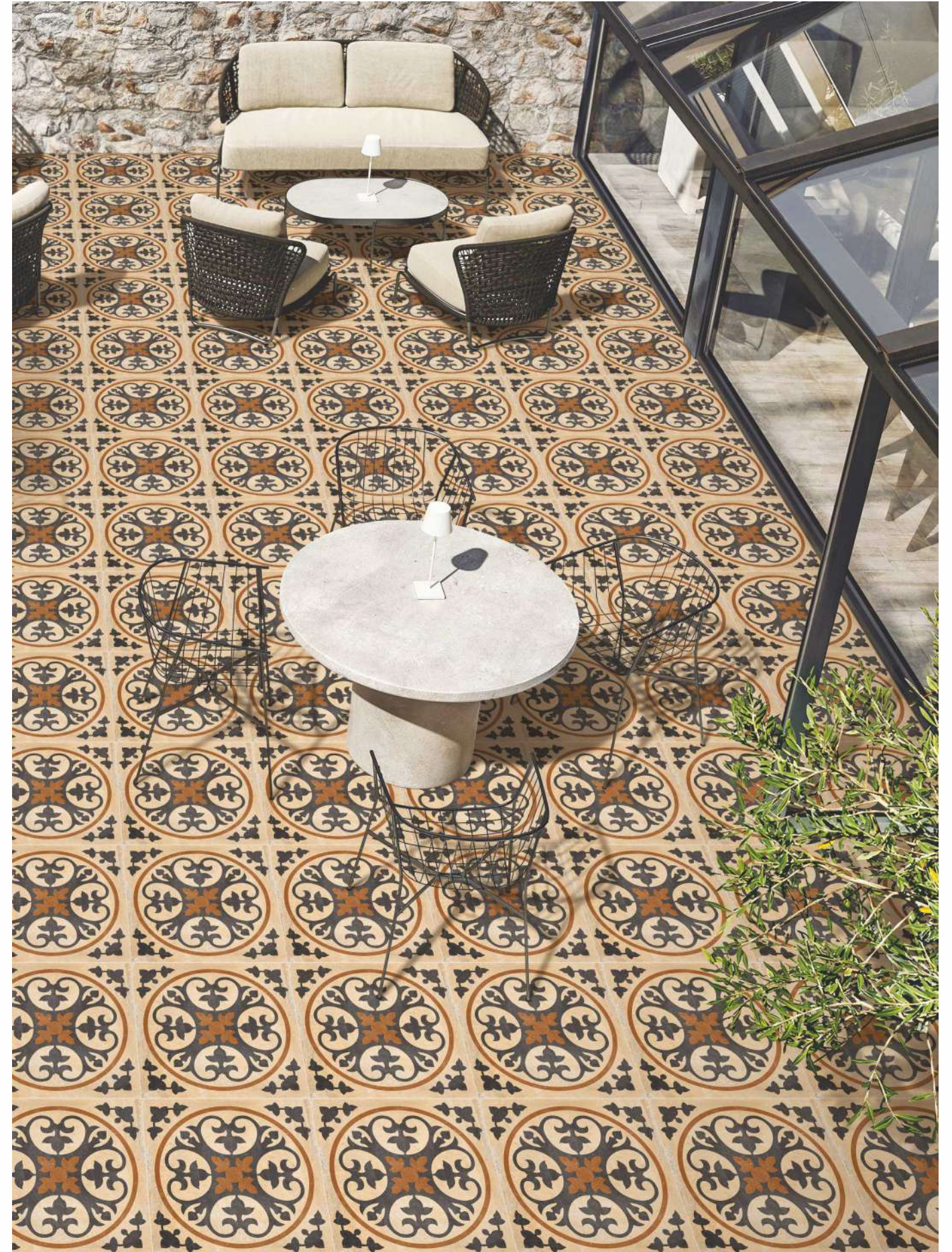
GEMSTONE COLLECTION
40x40cm - GVT Parking



3 FACE

MERRAKI BEIGE

MERRAKI BEIGE



SIZE - 40x40cm
FINISH - MATT
COLLECTION - GEMSTONE COLLECTION

GEMSTONE COLLECTION
40x40cm - GVT Parking



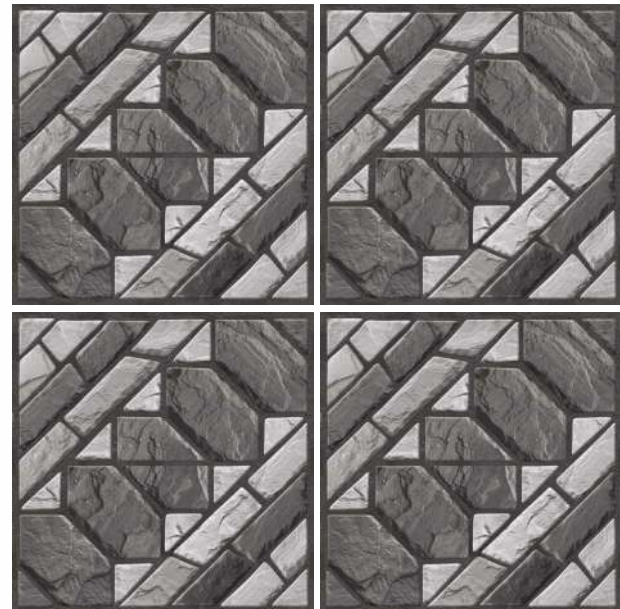
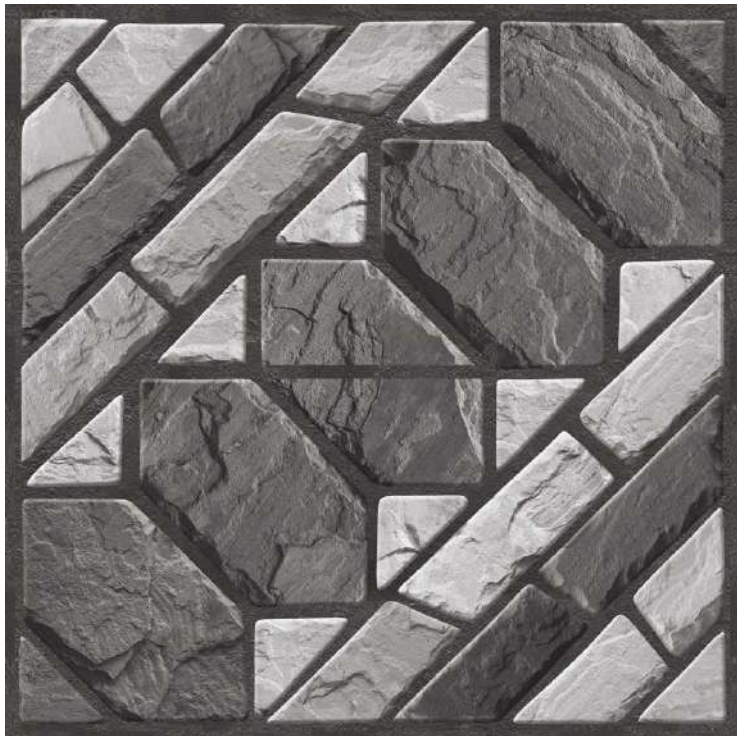
1 FACE

ARDEN BROWN



1 FACE

ARDEN NATURAL



1 FACE

ARDEN GREY

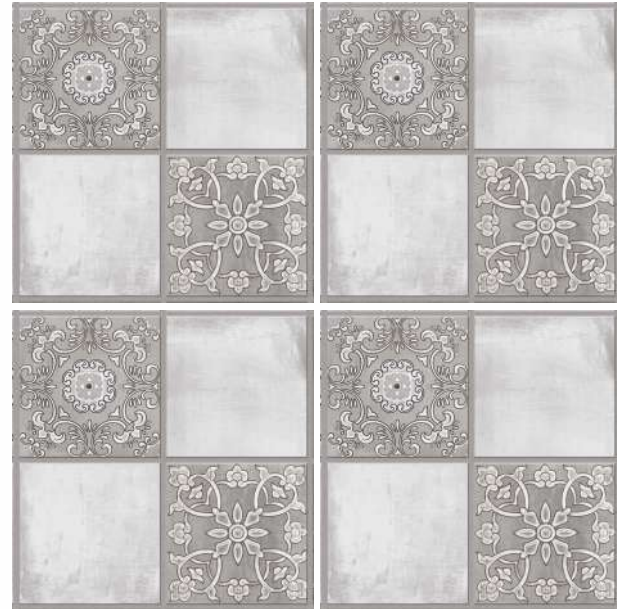
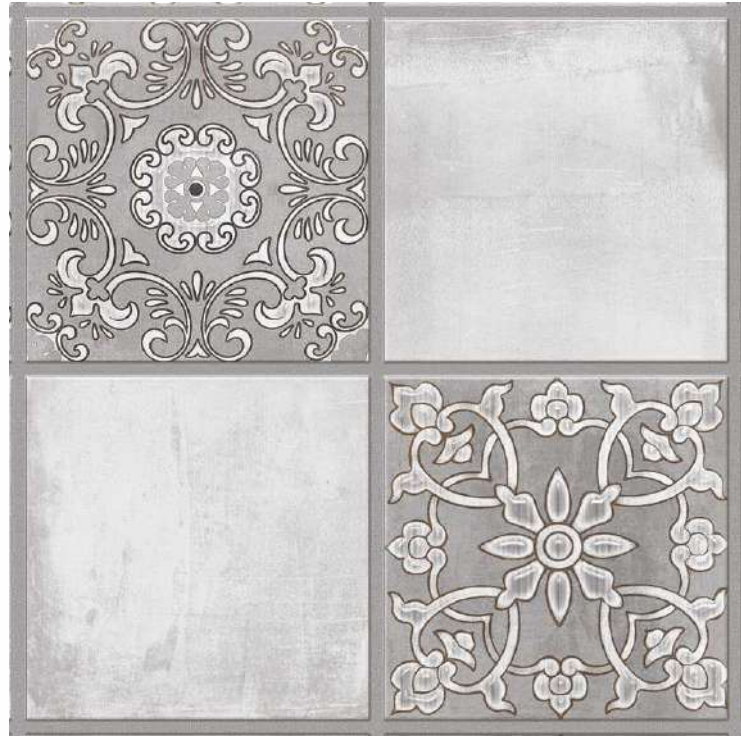


ARDEN NATURAL

SIZE - 40x40cm
FINISH - RUSTIC
COLLECTION - GEMSTONE COLLECTION

SIZE - 40x40cm
FINISH - RUSTIC
COLLECTION - GEMSTONE COLLECTION

GEMSTONE COLLECTION
40x40cm - GVT Parking



1FACE

CANDIDUS CEMENTO

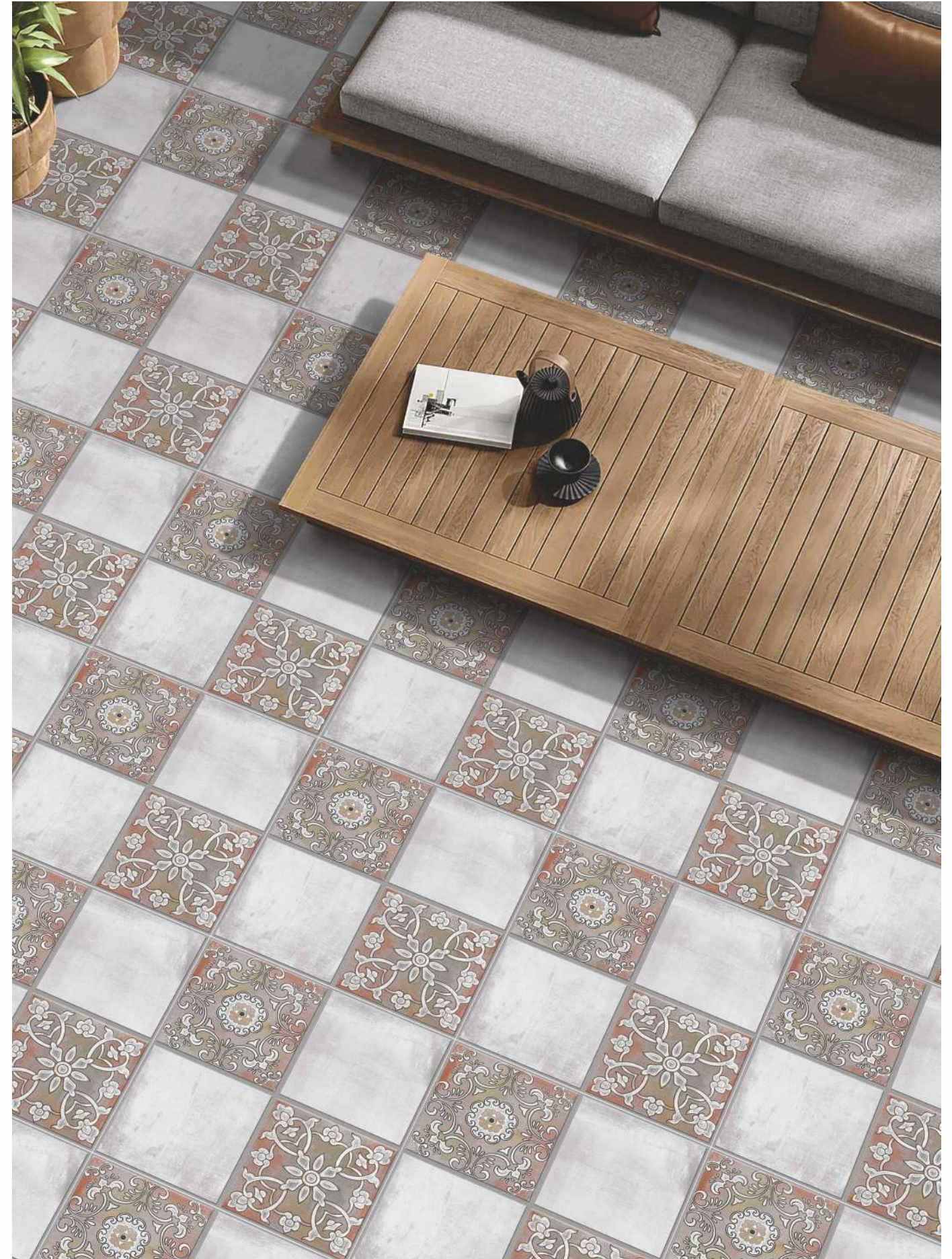


1FACE

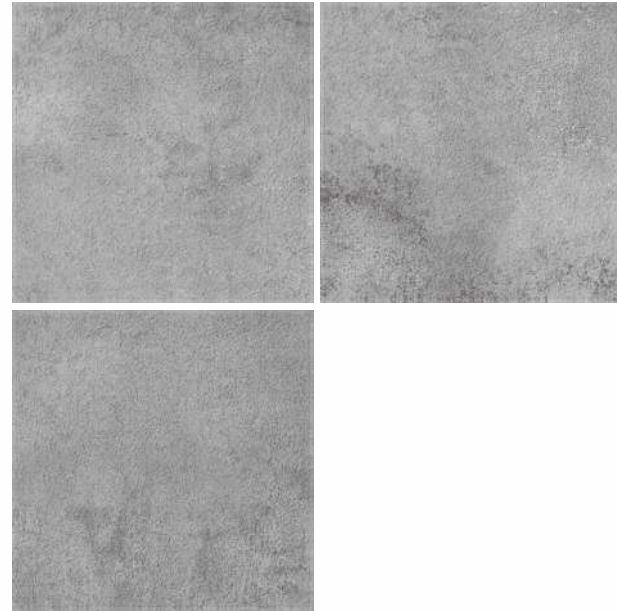
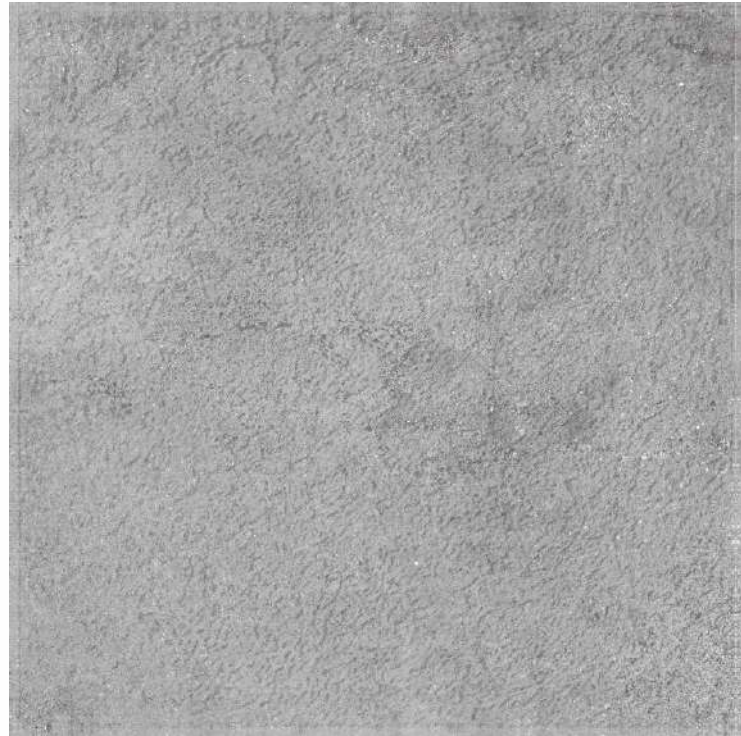
CANDIDUS SAND

SIZE - 40x40cm
FINISH - RUSTIC
COLLECTION - GEMSTONE COLLECTION

CANDIDUS CEMENTO

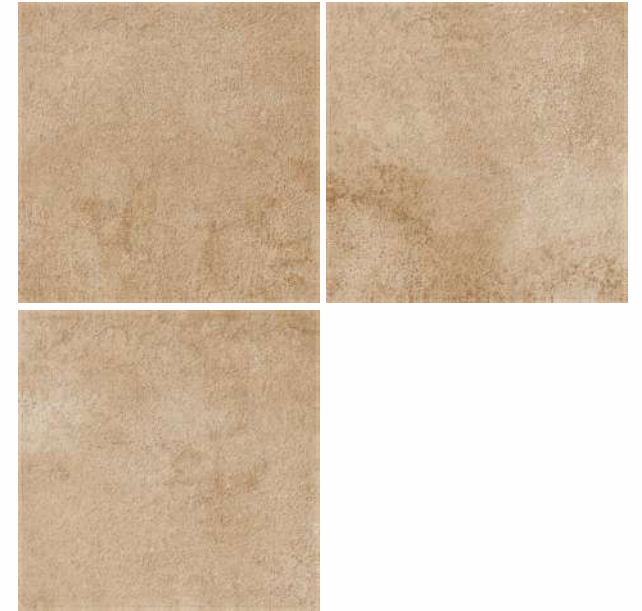


GEMSTONE COLLECTION
40x40cm - GVT Parking



3 FACE

CAVALLINA GREY



3 FACE

CAVALLINA BEIGE



3 FACE

CAVALLINA BROWN



CAVALLINA BEIGE

SIZE - **40x40cm**
FINISH - **RUSTIC**
COLLECTION - **GEMSTONE COLLECTION**

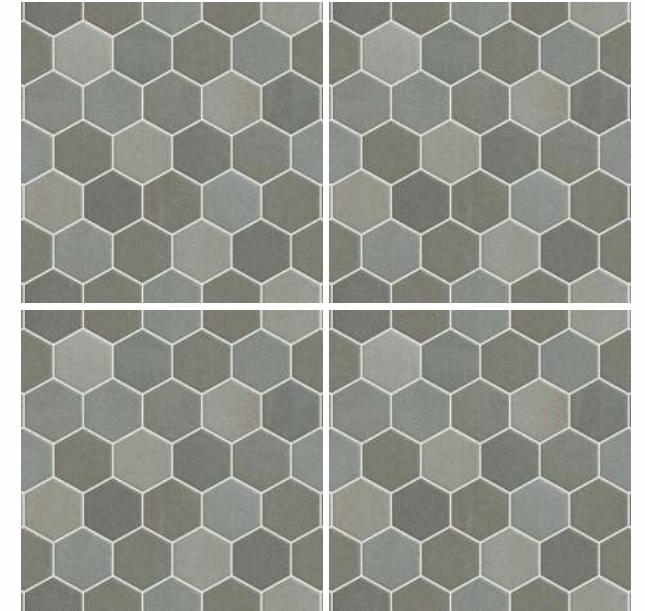
SIZE - **40x40cm**
FINISH - **RUSTIC**
COLLECTION - **GEMSTONE COLLECTION**

GEMSTONE COLLECTION
40x40cm - GVT Parking



1 FACE

DOREX BROWN



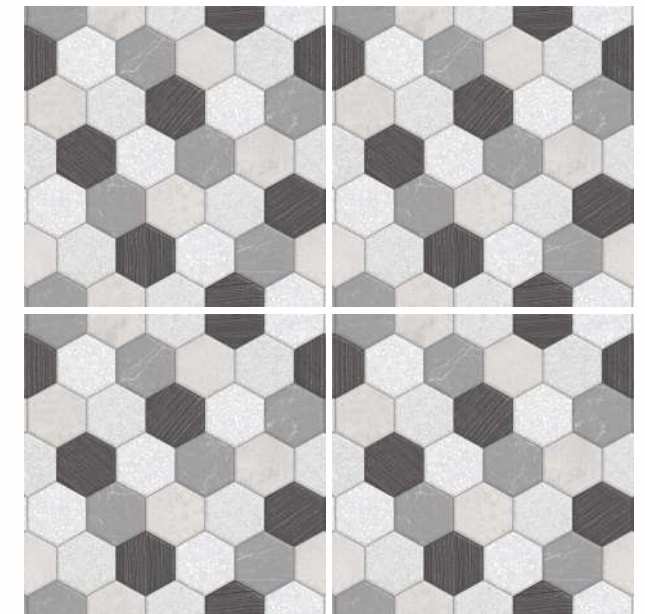
1 FACE

DOREX COTTA



1 FACE

DOREX MULTY



1 FACE

DOREX GREY

SIZE - 40x40cm
FINISH - RUSTIC
COLLECTION - GEMSTONE COLLECTION

SIZE - 40x40cm
FINISH - RUSTIC
COLLECTION - GEMSTONE COLLECTION

GEMSTONE COLLECTION
40x40cm - GVT Parking

DOREX MULTY





1 FACE

HYDRA BROWN



1 FACE

HYDRA GRIGIO



1 FACE

HYDRA NATURAL



HYDRA GRIGIO

GEMSTONE COLLECTION
40x40cm - GVT Parking



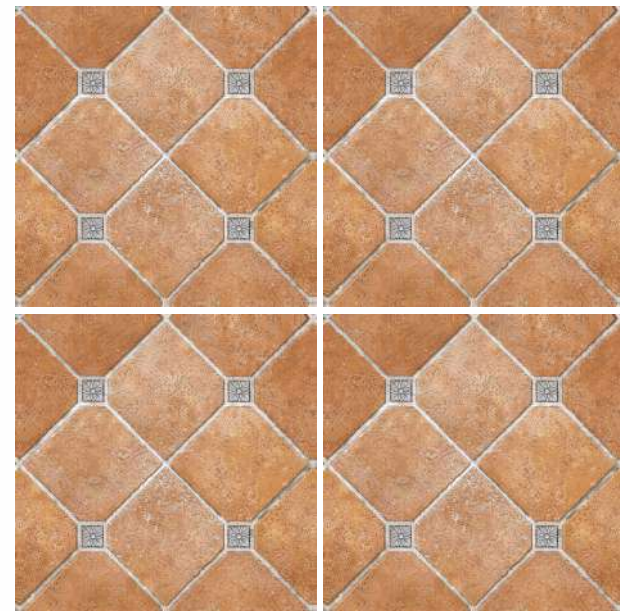
1FACE

MENHIR BROWN



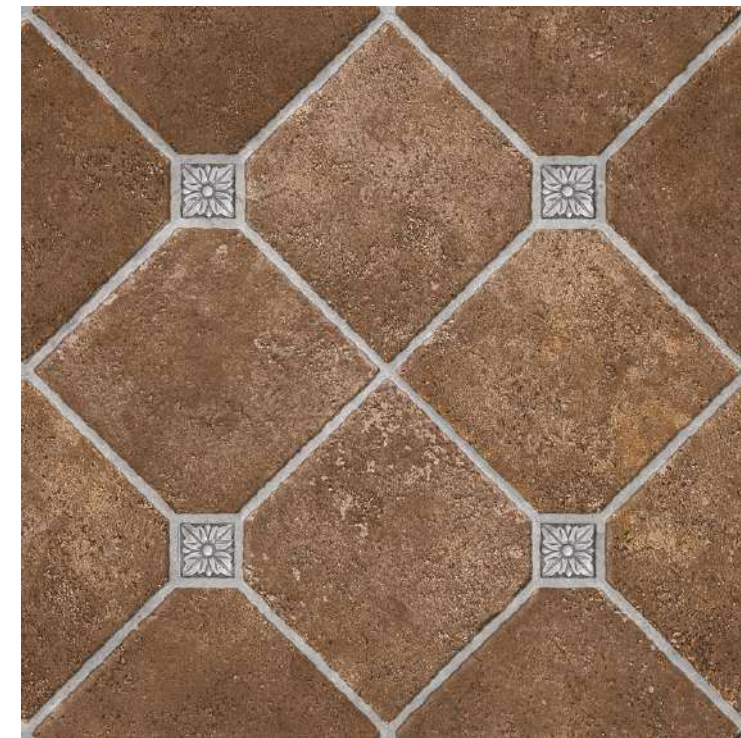
1FACE

MENHIR NATURAL



1FACE

MENHIR RED



1FACE

MENHIR WALNUT

SIZE - 40x40cm
FINISH - RUSTIC
COLLECTION - GEMSTONE COLLECTION

SIZE - 40x40cm
FINISH - RUSTIC
COLLECTION - GEMSTONE COLLECTION

GEMSTONE COLLECTION
40x40cm - GVT Parking

MENHIR BROWN

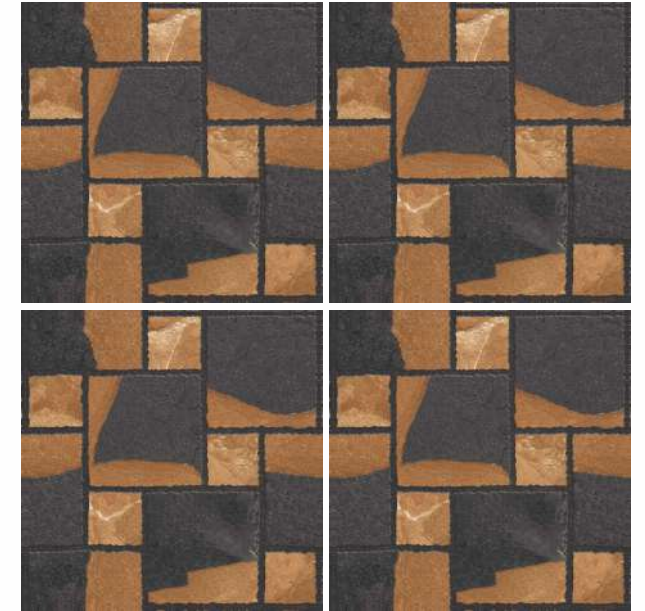


GEMSTONE COLLECTION
40x40cm - GVT Parking



1 FACE

OIKOS BLUE



1 FACE

MONIER BLACK



1 FACE

OIKOS BROWN



OIKOS BROWN

SIZE - 40x40cm
FINISH - RUSTIC
COLLECTION - GEMSTONE COLLECTION

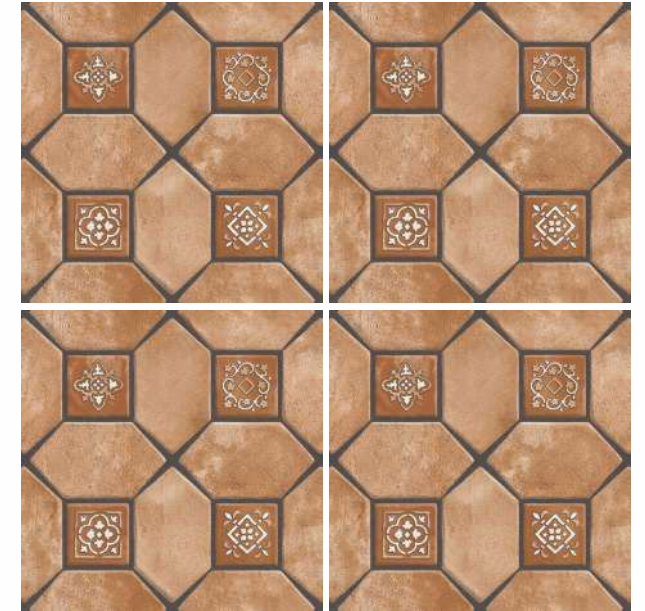
SIZE - 40x40cm
FINISH - RUSTIC
COLLECTION - GEMSTONE COLLECTION

GEMSTONE COLLECTION
40x40cm - GVT Parking



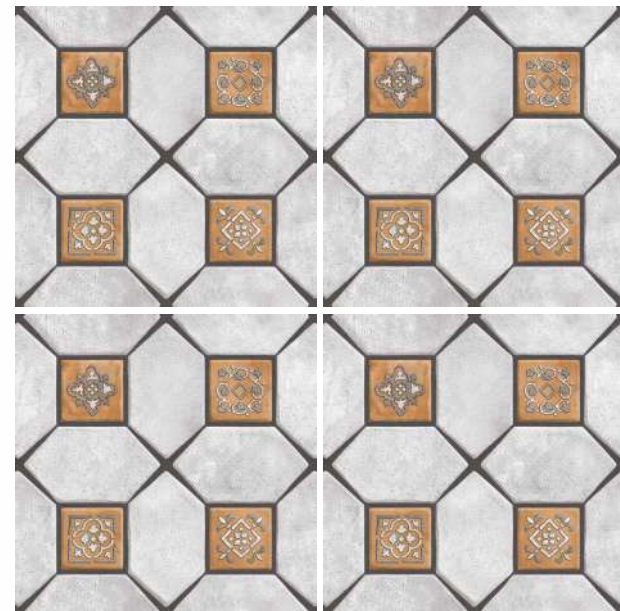
1 FACE

PETRIS MULTY



1 FACE

PETRIS BROWN



1 FACE

PETRIS CEMENTO



PETRIS BROWN

SIZE - 40x40cm
FINISH - RUSTIC
COLLECTION - GEMSTONE COLLECTION

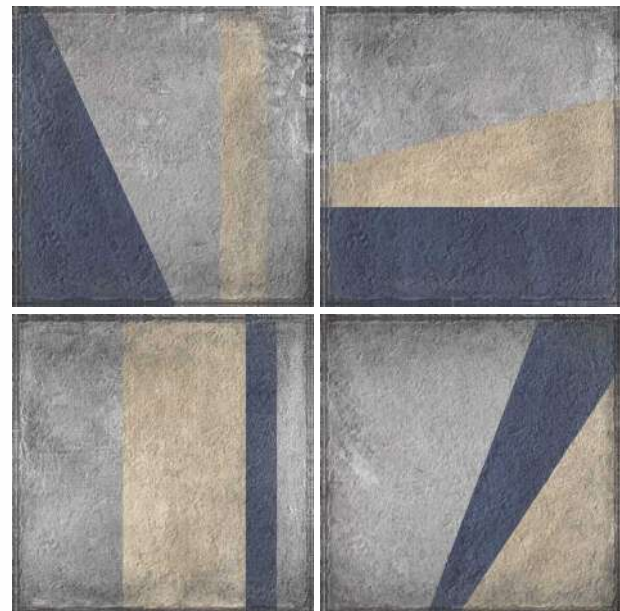
SIZE - 40x40cm
FINISH - RUSTIC
COLLECTION - GEMSTONE COLLECTION

GEMSTONE COLLECTION
40x40cm - GVT Parking



4 FACE

QUARTER BEIGE



4 FACE

QUARTER GREY

SIZE - 40x40cm
FINISH - RUSTIC
COLLECTION - GEMSTONE COLLECTION

QUARTER BEIGE





1 FACE

ROBUR BLUE



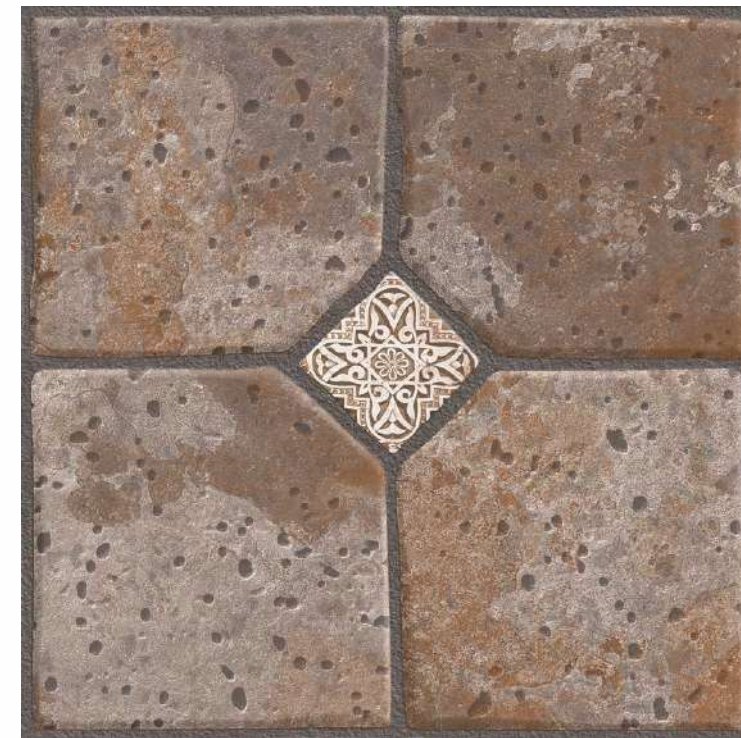
1 FACE

ROBUR EARTH



1 FACE

ROBUR GREY



1 FACE

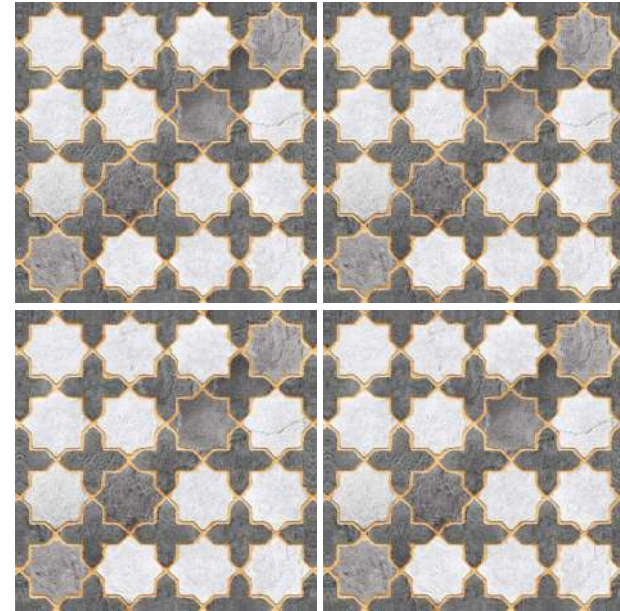
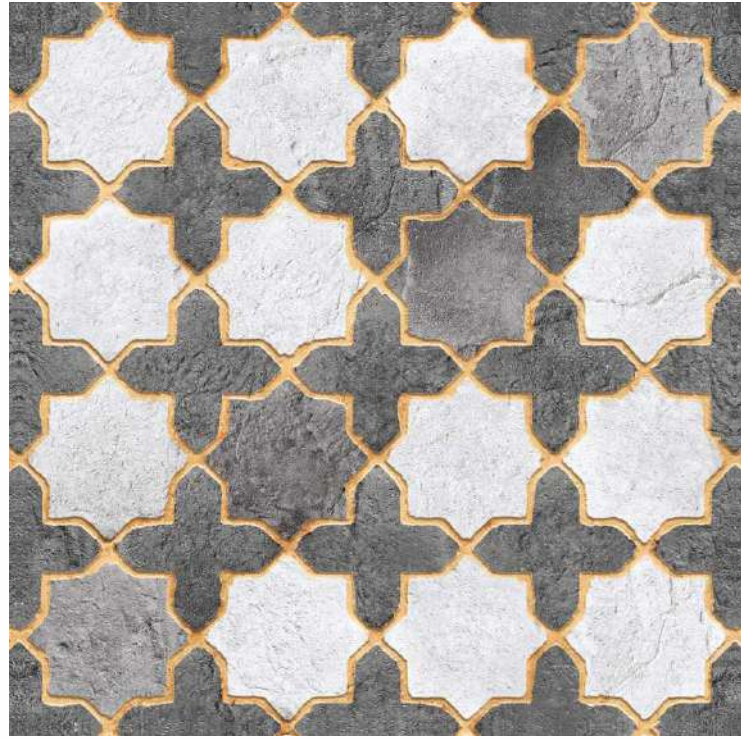
ROBUR RED

SIZE - 40x40cm
FINISH - RUSTIC
COLLECTION - GEMSTONE COLLECTION

SIZE - 40x40cm
FINISH - RUSTIC
COLLECTION - GEMSTONE COLLECTION

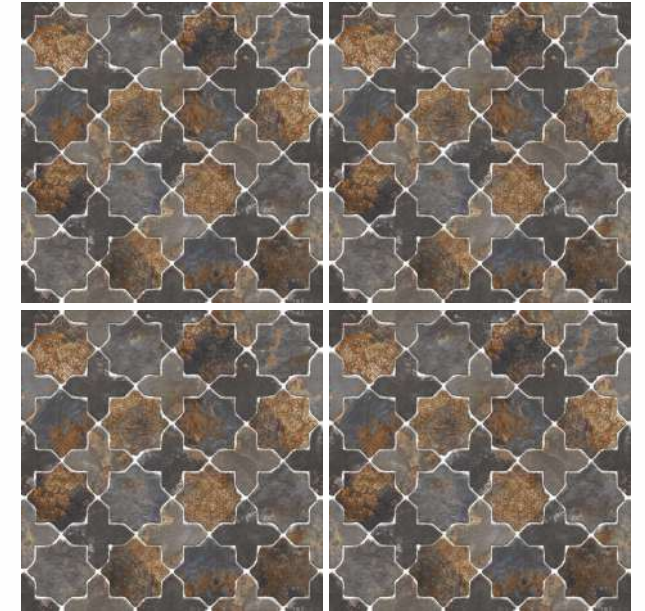


GEMSTONE COLLECTION
40x40cm - GVT Parking



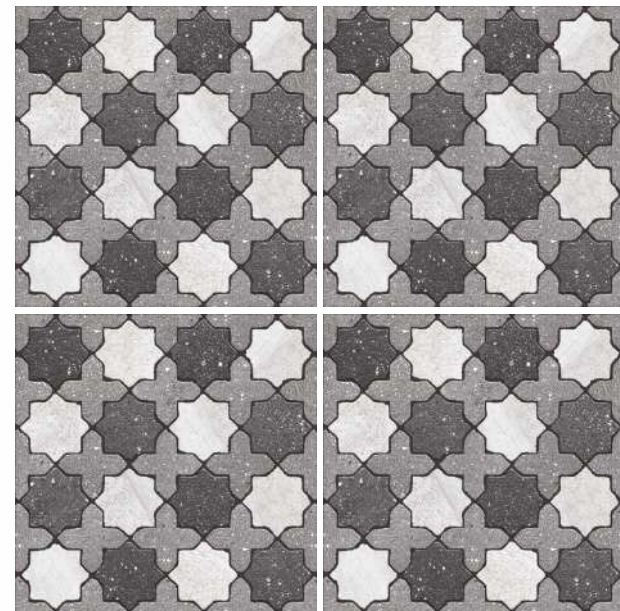
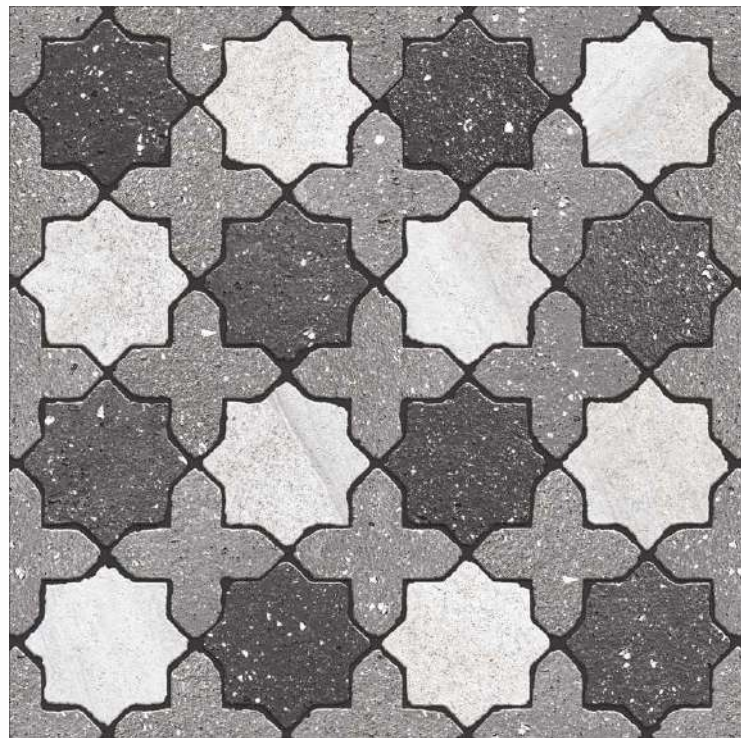
4 FACE

TESEO CEMENTO



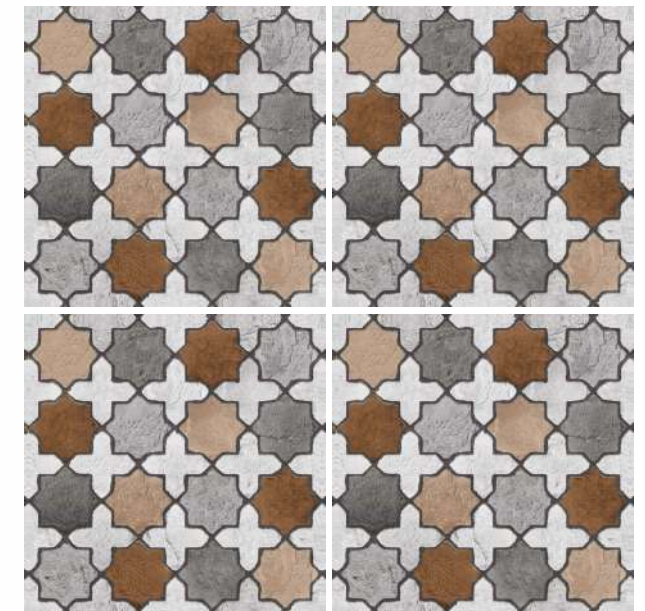
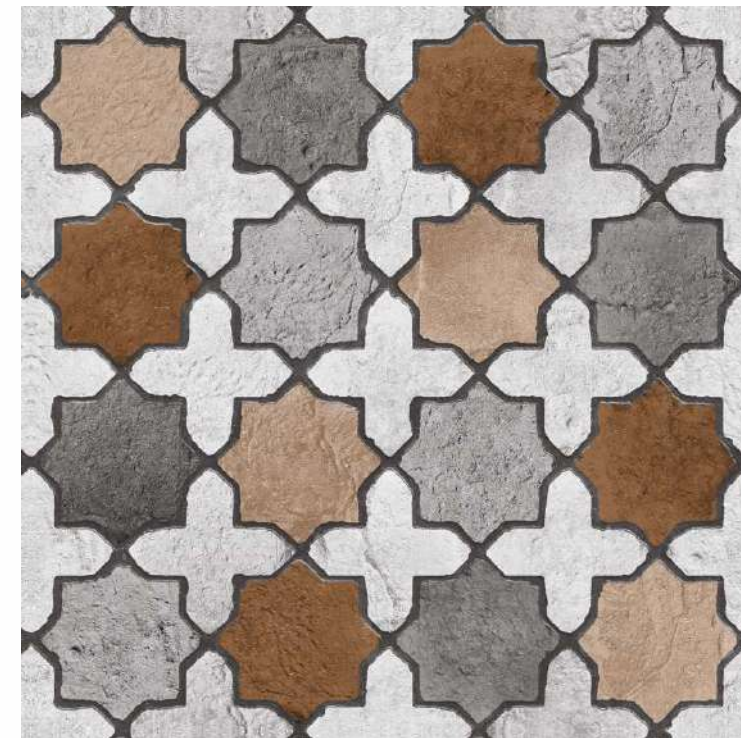
4 FACE

TESEO NATURAL



4 FACE

TESEO GREY



4 FACE

TESEO MULTY

SIZE - 40x40cm
FINISH - RUSTIC
COLLECTION - GEMSTONE COLLECTION

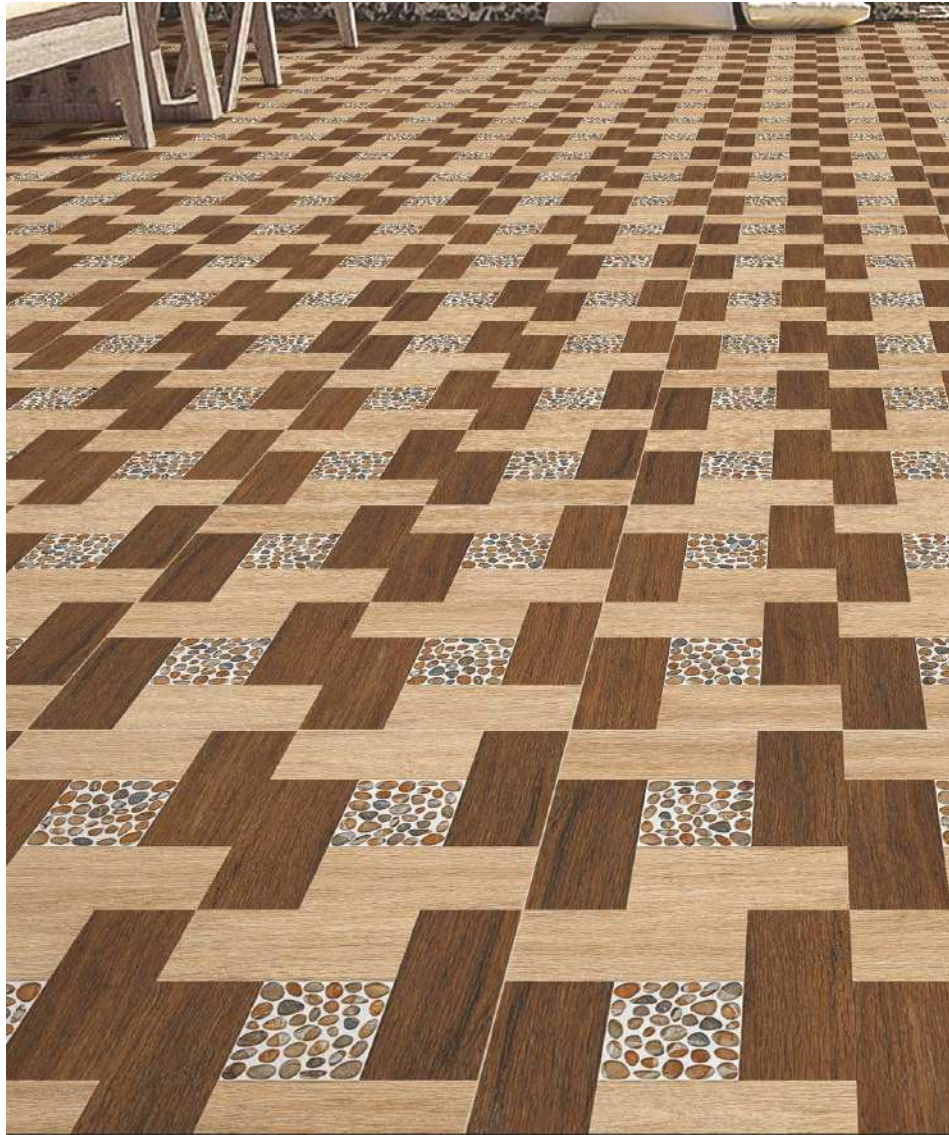
SIZE - 40x40cm
FINISH - RUSTIC
COLLECTION - GEMSTONE COLLECTION



AMSTEL COLLECTION
40x40cm - Parking

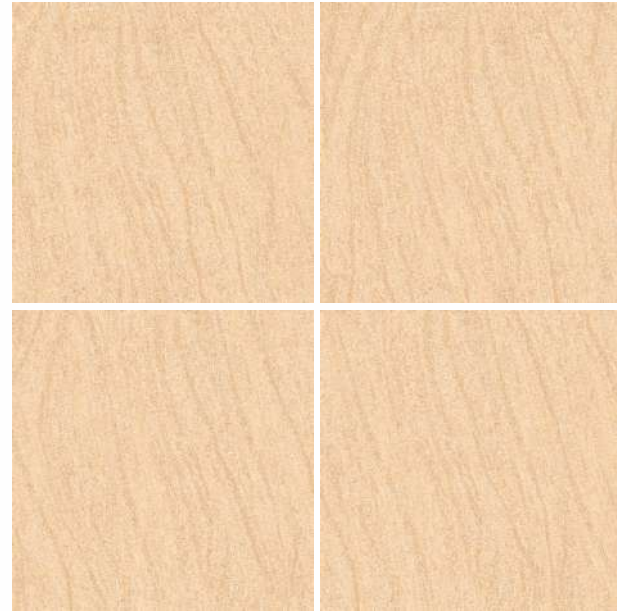
AMSTEL COLLECTION

Elevate your parking experience with meticulously crafted parking tiles from the Amstel Collection. These tiles seamlessly integrate durability with the timeless beauty of ceramic. The flawless designs, texture, and anti-skid properties of the tiles are worthy of excellence.



Wall - 1
ABRIL WENGUE
40X40cm
RUSTIC

AMSTEL COLLECTION
40x40cm - Parking



4 FACE

SLATE CREMA



4 FACE

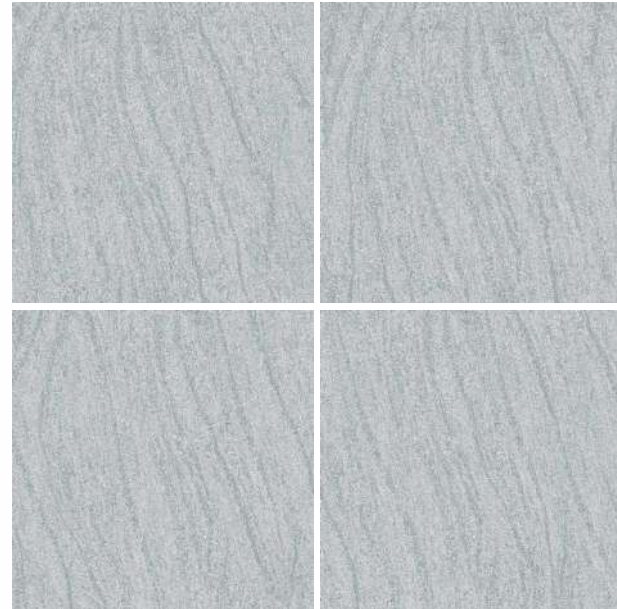
SLATE BRONZE

SIZE - 40x40cm
FINISH - MATT
COLLECTION - AMSTEL COLLECTION

SLATE CREMA + SLATE BRONZE

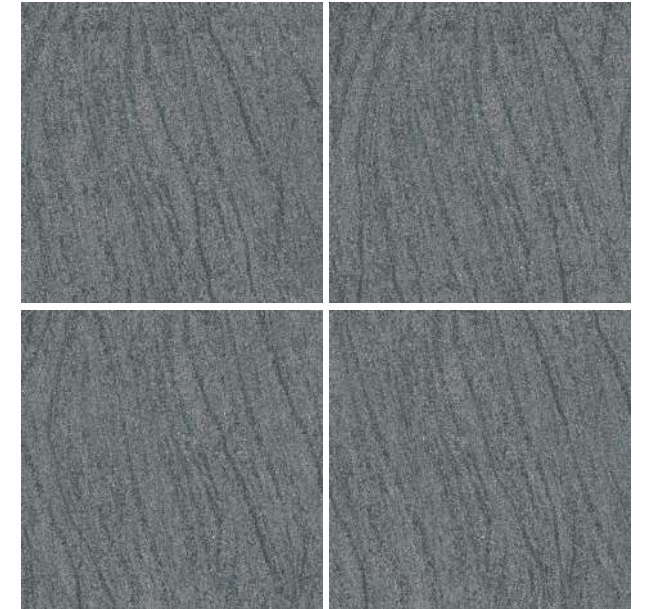
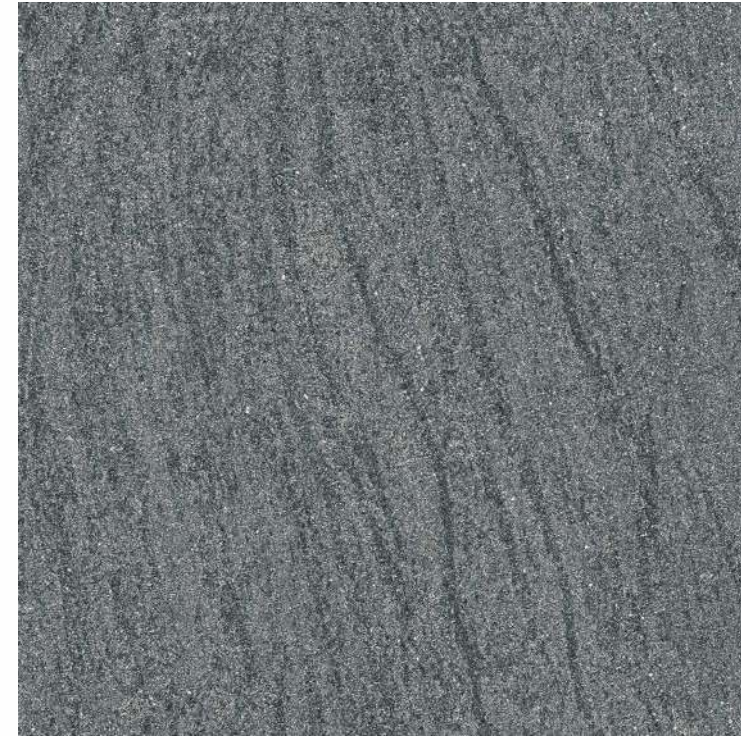


AMSTEL COLLECTION
40x40cm - Parking



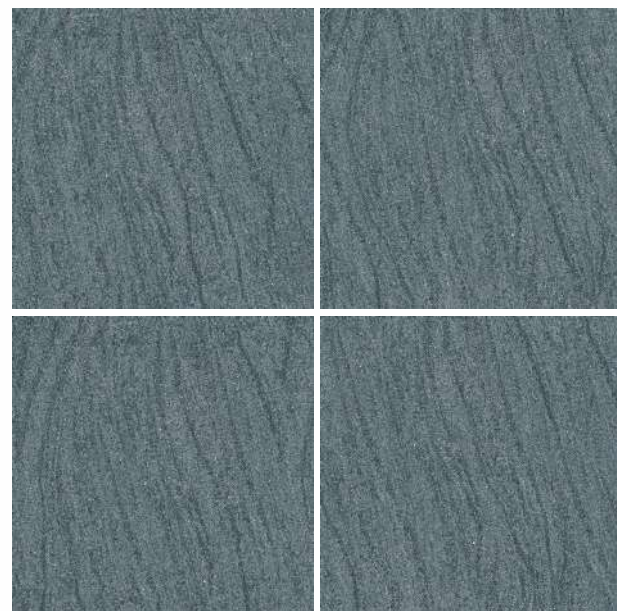
4 FACE

SLATE CEMENTO



4 FACE

SLATE GREY



4 FACE

SLATE NERO

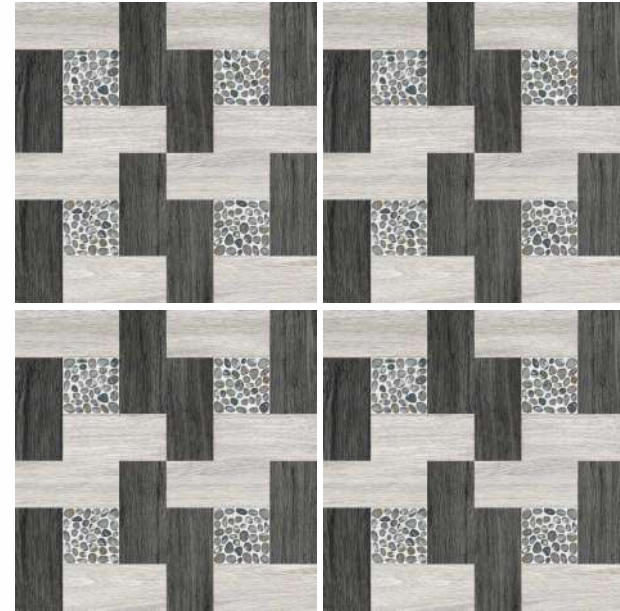


SLATE GREY

SIZE - 40x40cm
FINISH - MATT
COLLECTION - AMSTEL COLLECTION

SIZE - 40x40cm
FINISH - MATT
COLLECTION - AMSTEL COLLECTION

AMSTEL COLLECTION
40x40cm - Parking



1 FACE

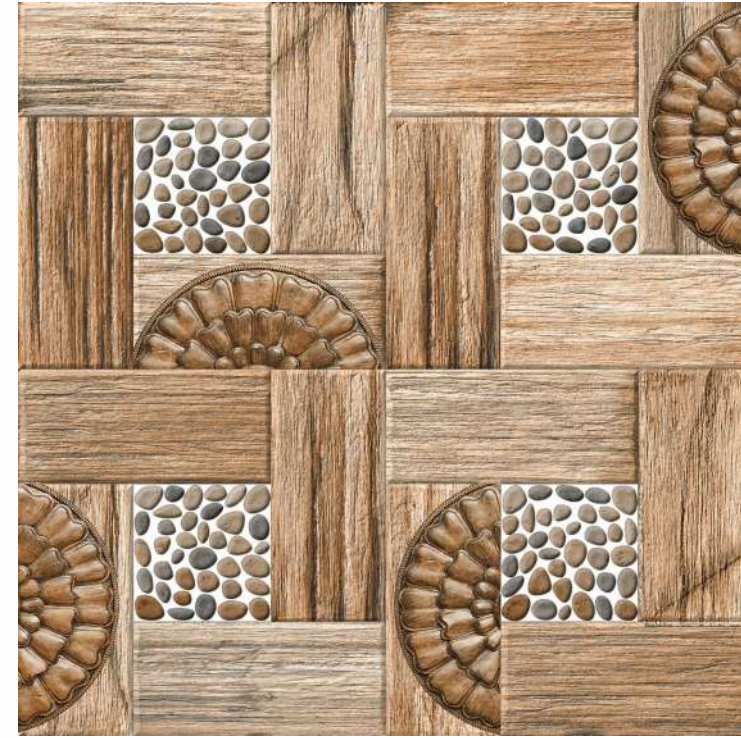
ABRIL GRIS



1 FACE

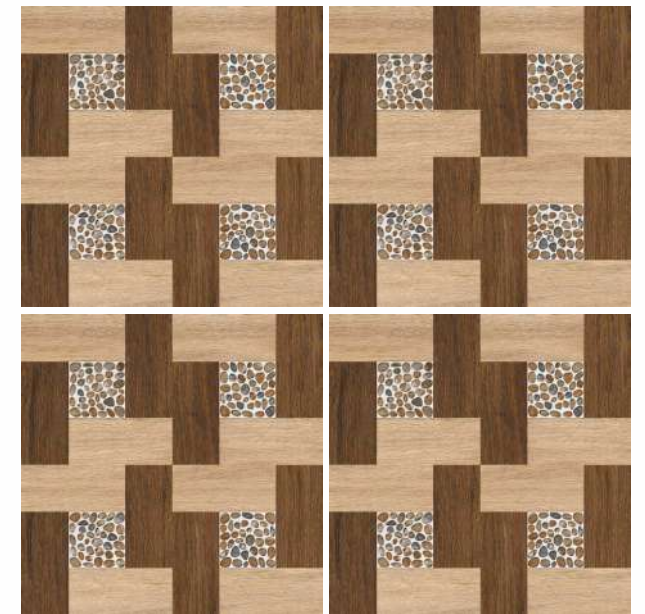
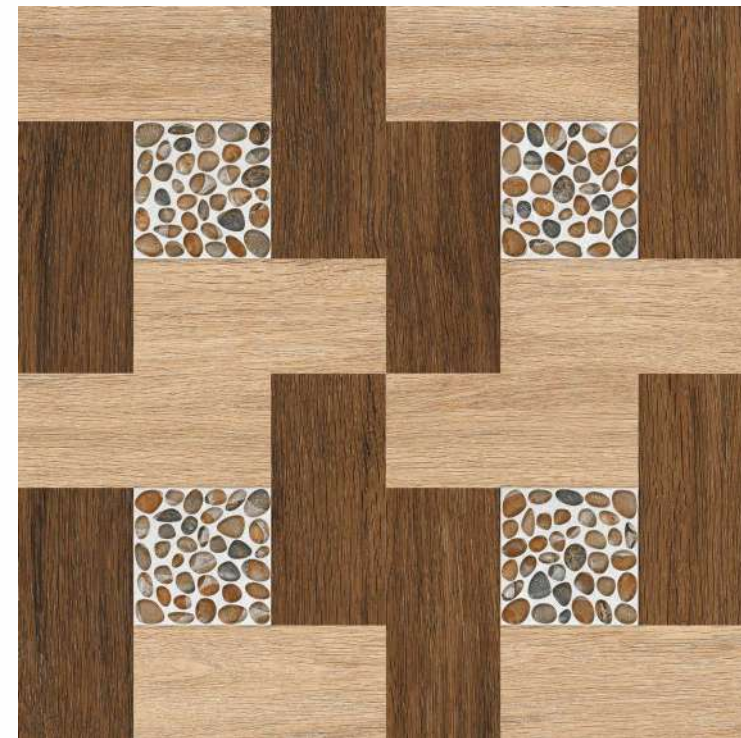
ABRIL BLUE

SIZE - 40x40cm
FINISH - RUSTIC
COLLECTION - AMSTEL COLLECTION



1 FACE

ABRIL SANDAL

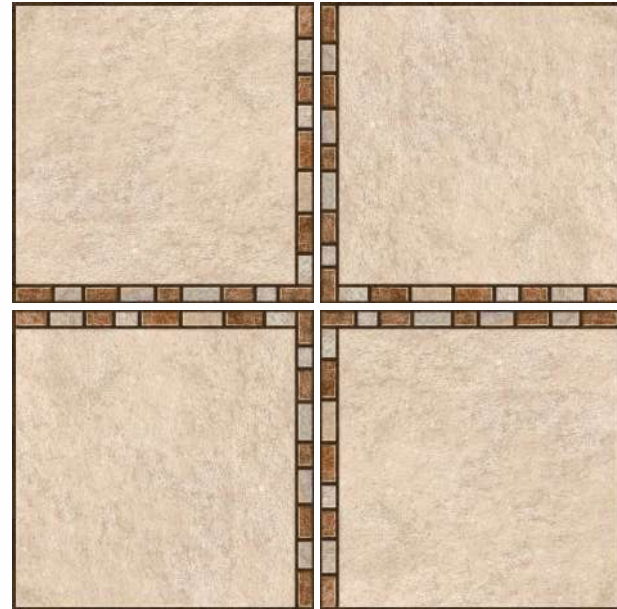


1 FACE

ABRIL WENGUE

SIZE - 40x40cm
FINISH - RUSTIC
COLLECTION - AMSTEL COLLECTION

AMSTEL COLLECTION
40x40cm - Parking



1 FACE

AVLON IVORY



1 FACE

AVLON MOKA



1 FACE

AVLON COTTO

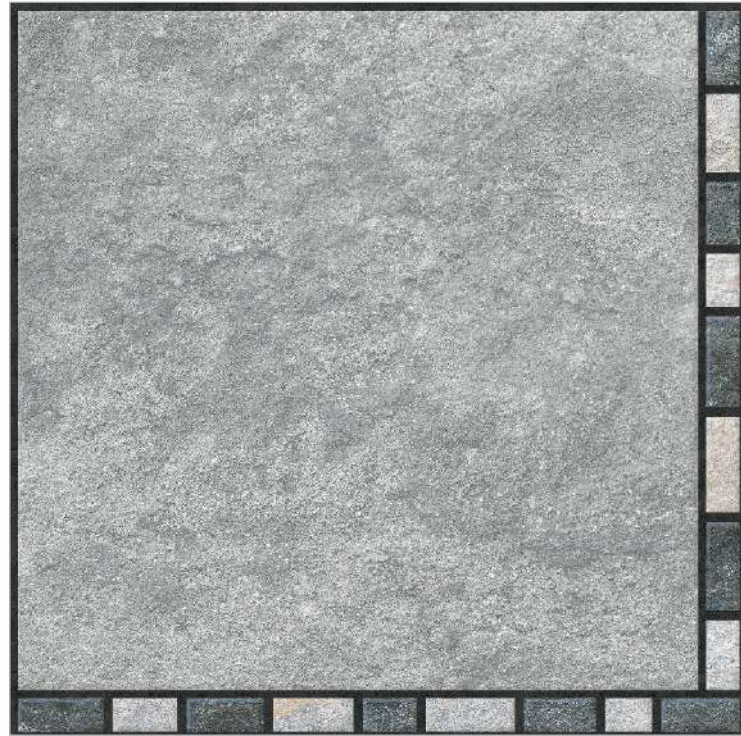


AVLON MOKA

SIZE - 40x40cm
FINISH - RUSTIC
COLLECTION - AMSTEL COLLECTION

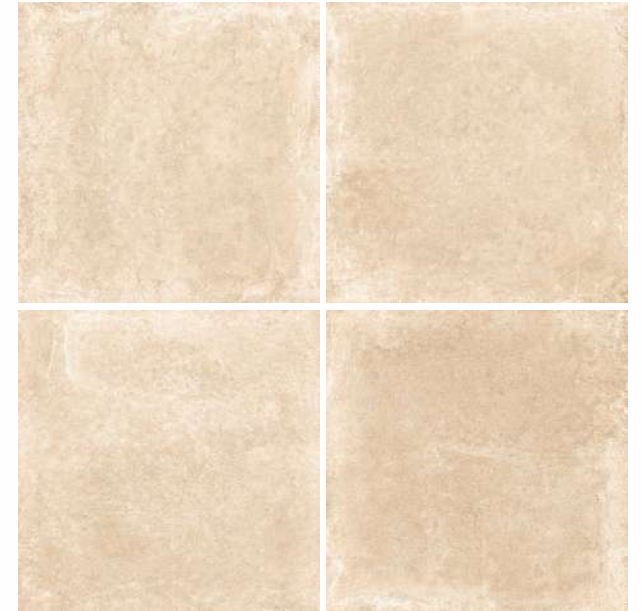
SIZE - 40x40cm
FINISH - RUSTIC
COLLECTION - AMSTEL COLLECTION

AMSTEL COLLECTION
40x40cm - Parking



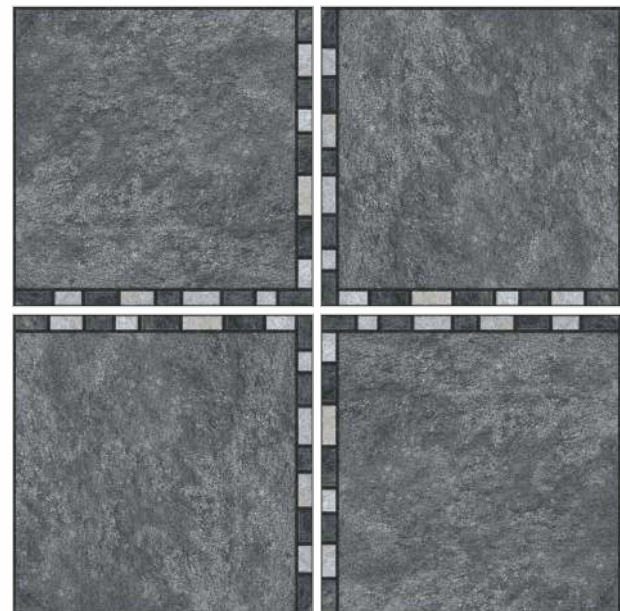
1 FACE

AVLON GREY



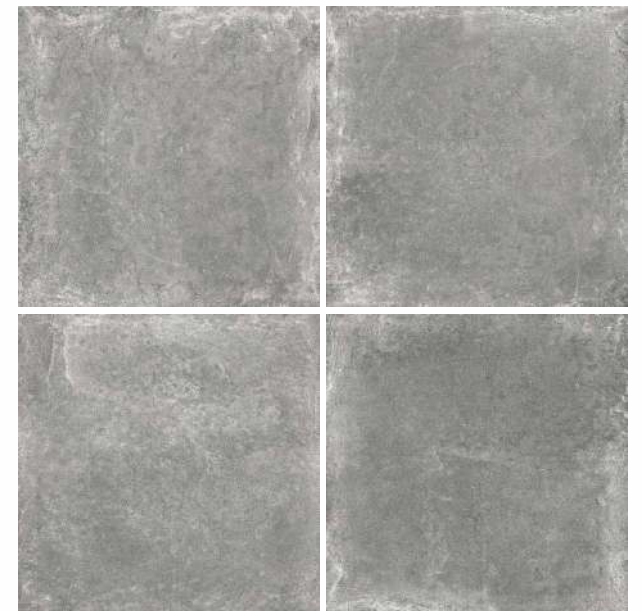
8 FACE

GARGIO BEIGE



1 FACE

AVLON BLACK



8 FACE

GARGIO ASH

SIZE - 40x40cm
FINISH - RUSTIC
COLLECTION - AMSTEL COLLECTION

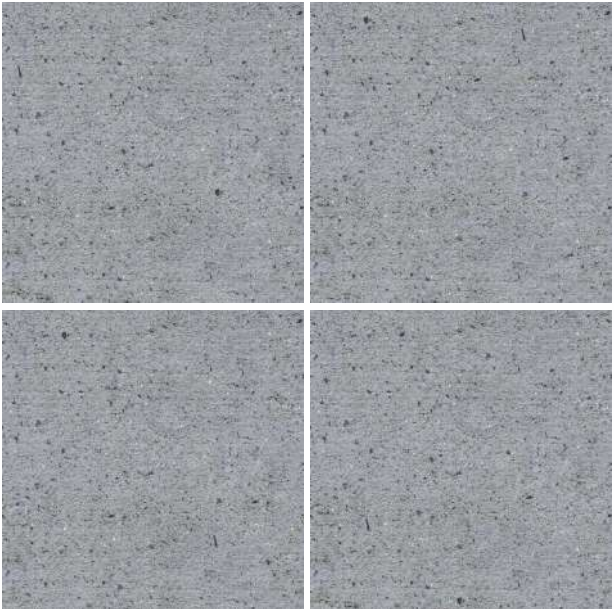
SIZE - 40x40cm
FINISH - RUSTIC
COLLECTION - AMSTEL COLLECTION

AMSTEL COLLECTION
40x40cm - Parking



4 FACE

BLIZZART IVORY



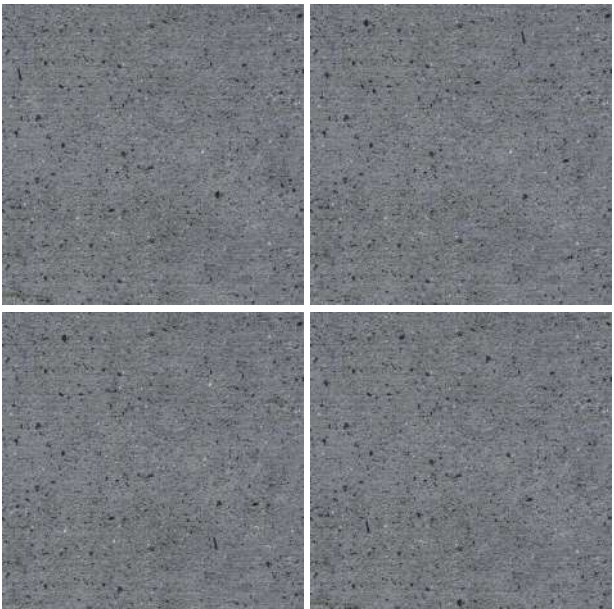
4 FACE

BLIZZART GREY



4 FACE

BLIZZART BROWN



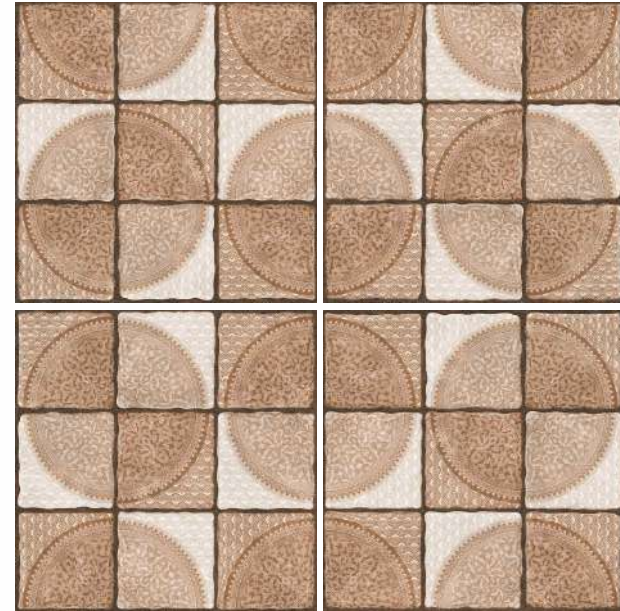
4 FACE

BLIZZART BLACK

SIZE - 40x40cm
FINISH - RUSTIC
COLLECTION - AMSTEL COLLECTION

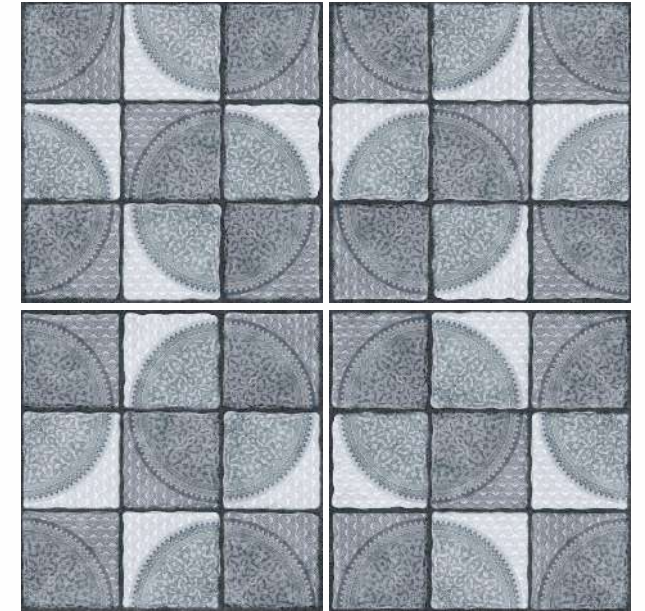
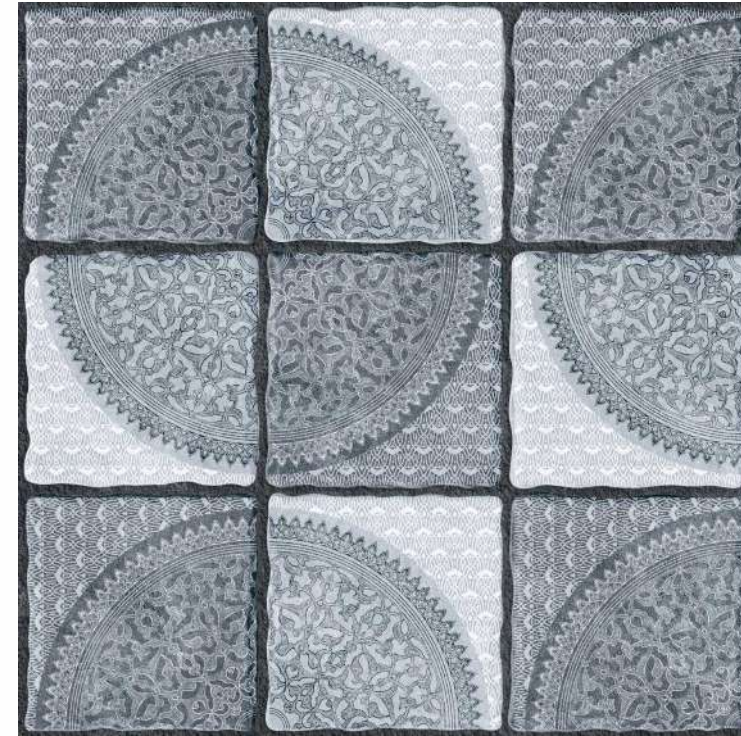
SIZE - 40x40cm
FINISH - RUSTIC
COLLECTION - AMSTEL COLLECTION

AMSTEL COLLECTION
40x40cm - Parking



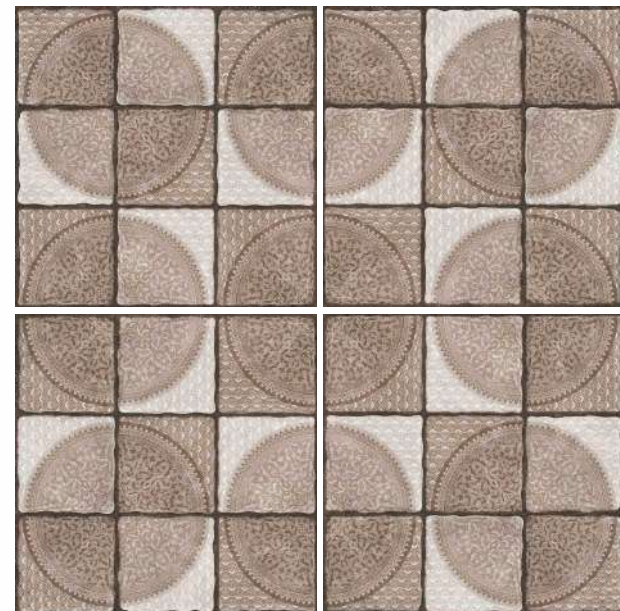
1 FACE

CARNELIAN DAMASK



1 FACE

CARNELIAN SUZANI



1 FACE

CARNELIAN OGEE

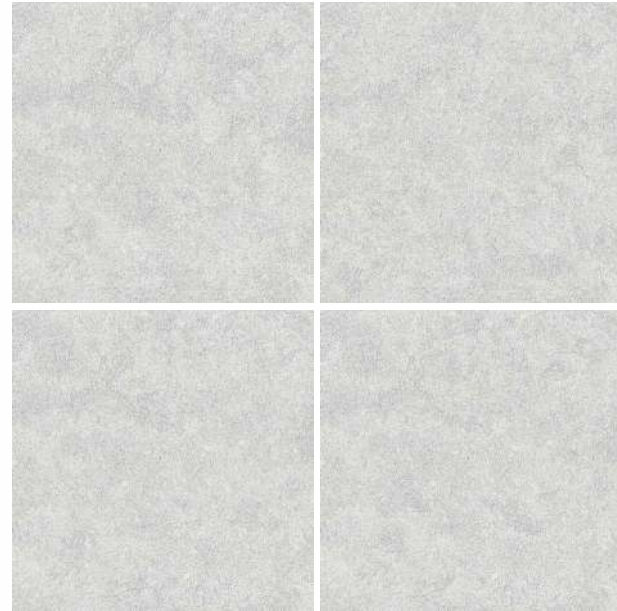
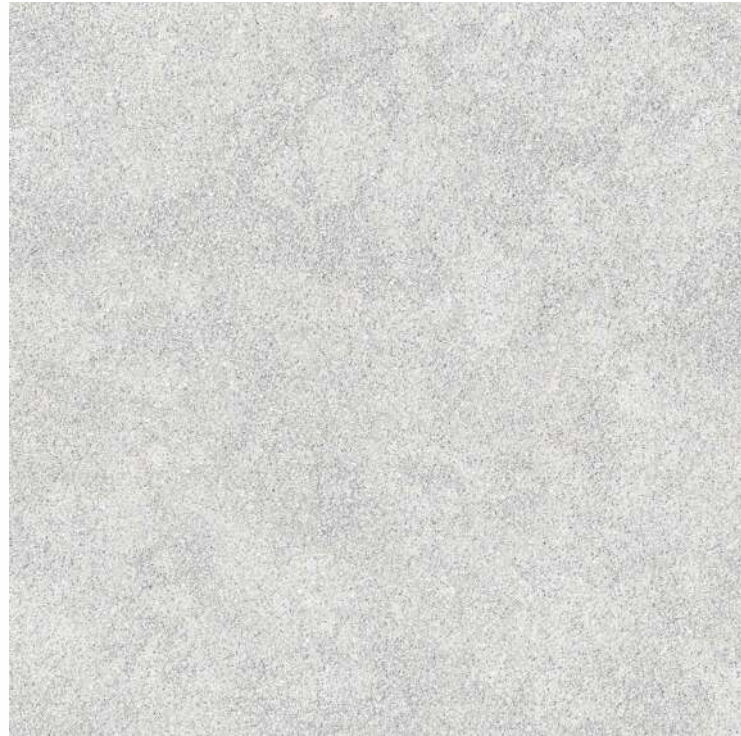


CARNELIAN SUZANI

SIZE - 40x40cm
FINISH - RUSTIC
COLLECTION - AMSTEL COLLECTION

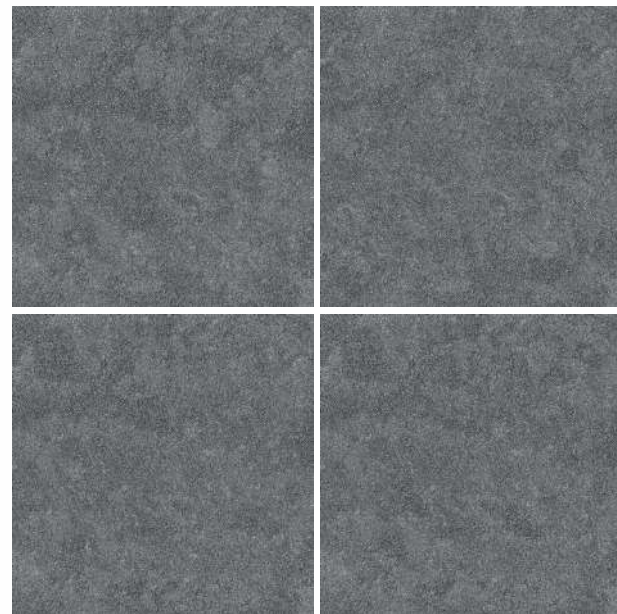
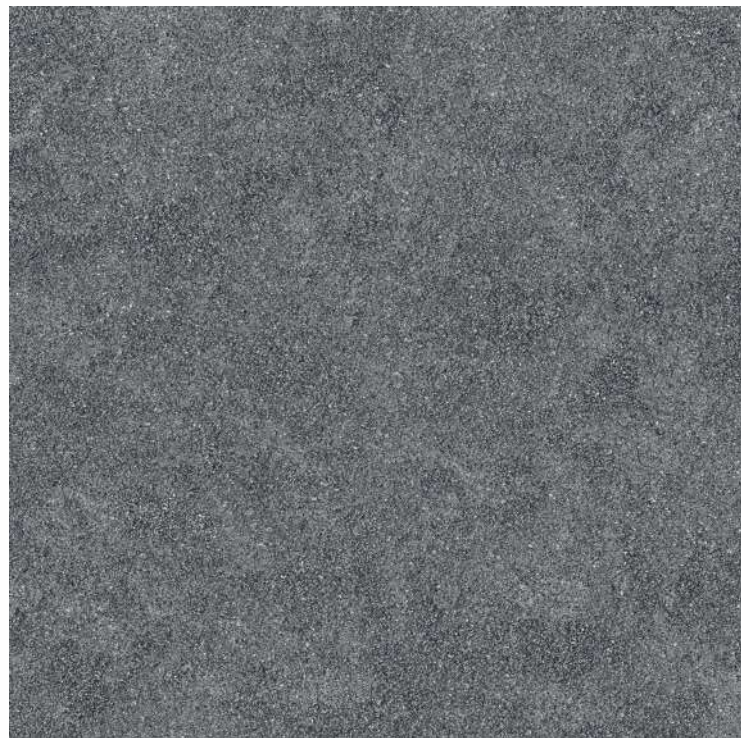
SIZE - 40x40cm
FINISH - RUSTIC
COLLECTION - AMSTEL COLLECTION

AMSTEL COLLECTION
40x40cm - Parking



4 FACE

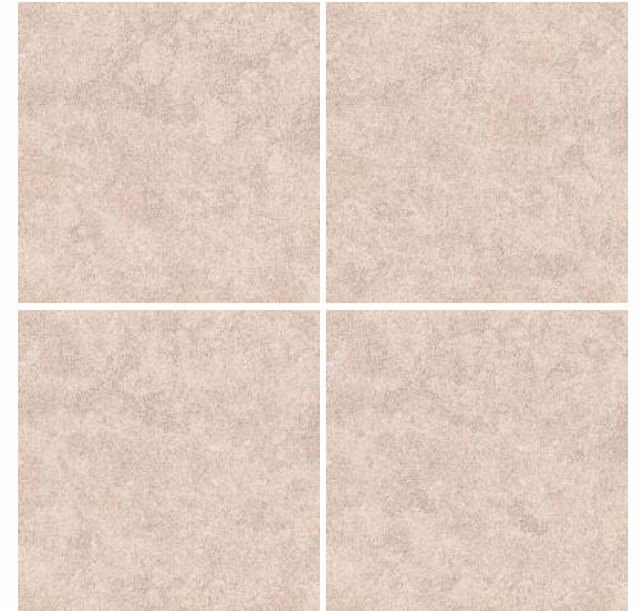
CONTRIM CEMENTO



4 FACE

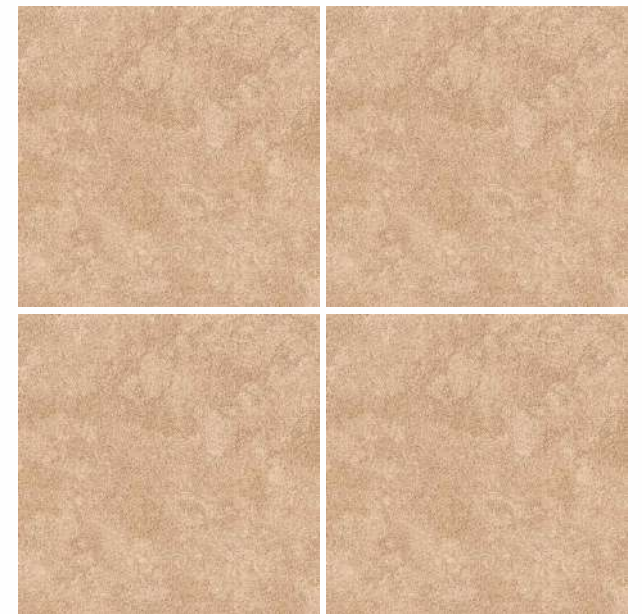
CONTRIM BALCK

SIZE - 40x40cm
FINISH - RUSTIC
COLLECTION - AMSTEL COLLECTION



4 FACE

CONTRIM IVORY

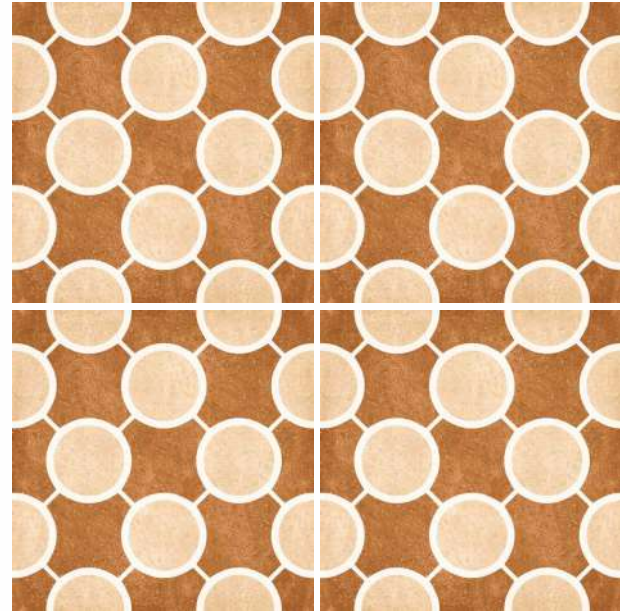


4 FACE

CONTRIM BEIGE

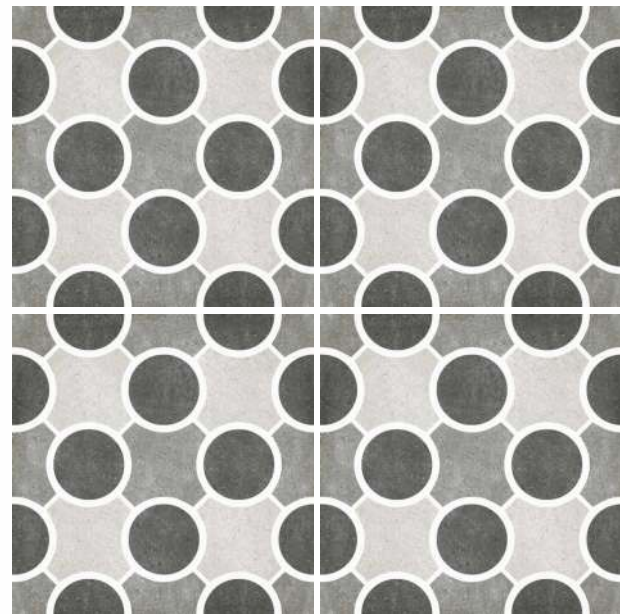
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FINISH - RUSTIC
COLLECTION - AMSTEL COLLECTION

AMSTEL COLLECTION
40x40cm - Parking



4 FACE

CORIA COTTO



4 FACE

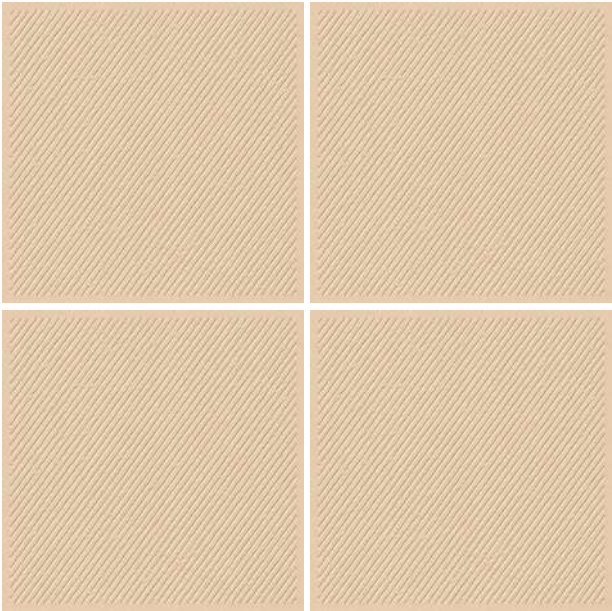
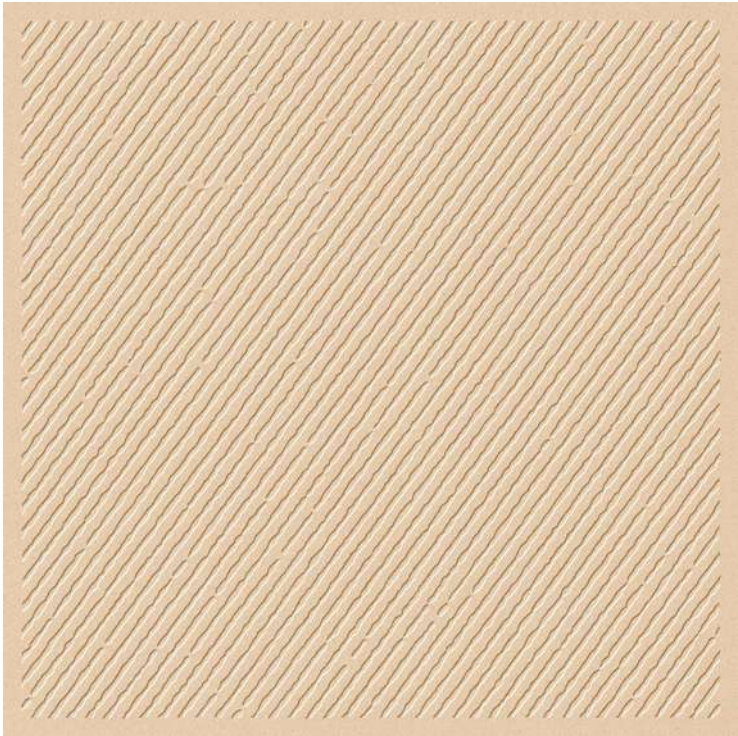
CORIA NATURAL

SIZE - 40x40cm
FINISH - RUSTIC
COLLECTION - AMSTEL COLLECTION

CORIA NATURAL

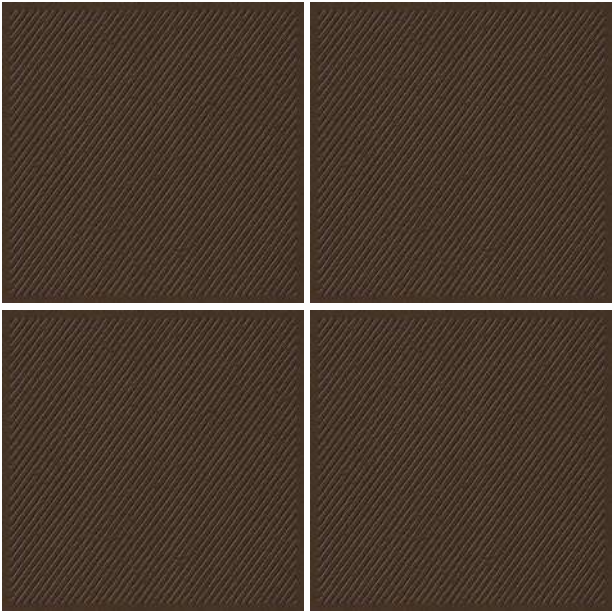
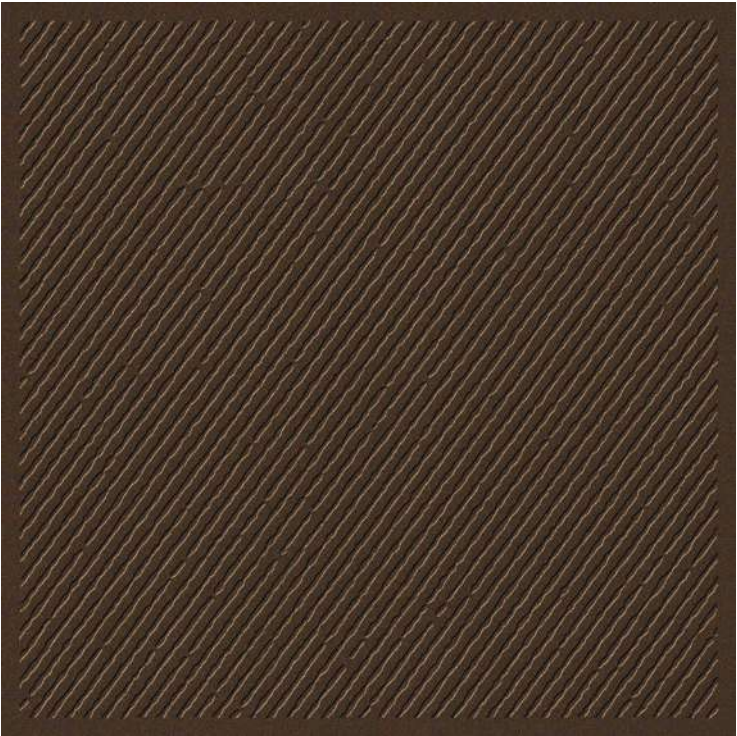


AMSTEL COLLECTION
40x40cm - Parking



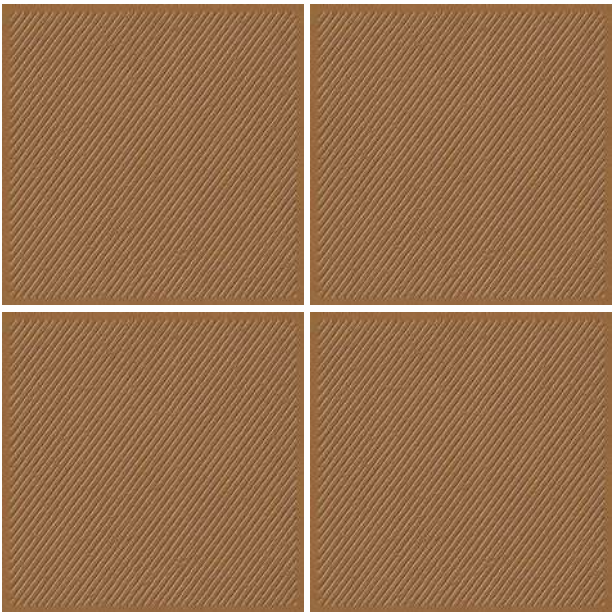
1 FACE

LINUS BEIGE



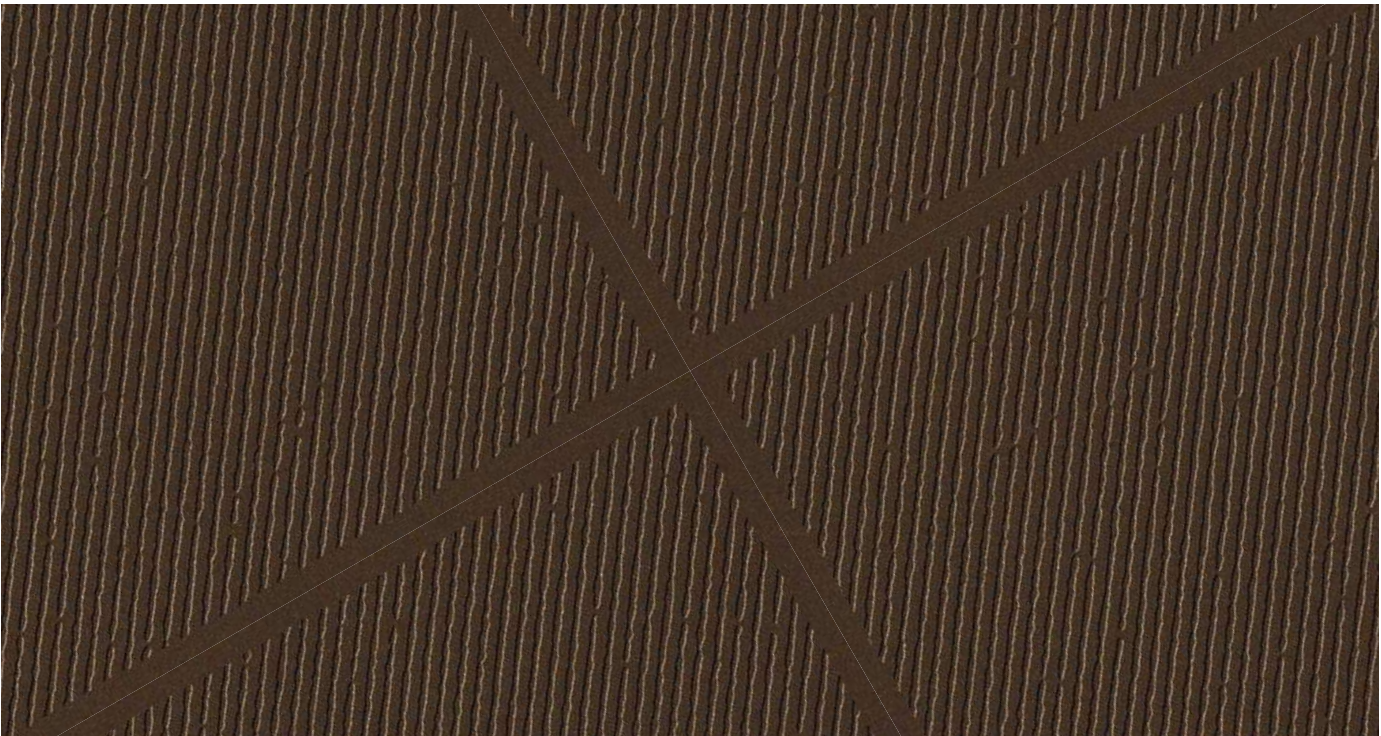
1 FACE

LINUS BROWN



1 FACE

LINUS COTTO

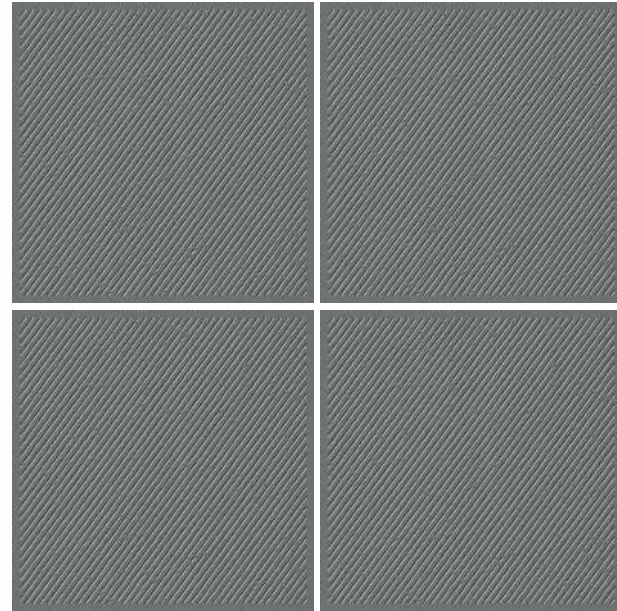
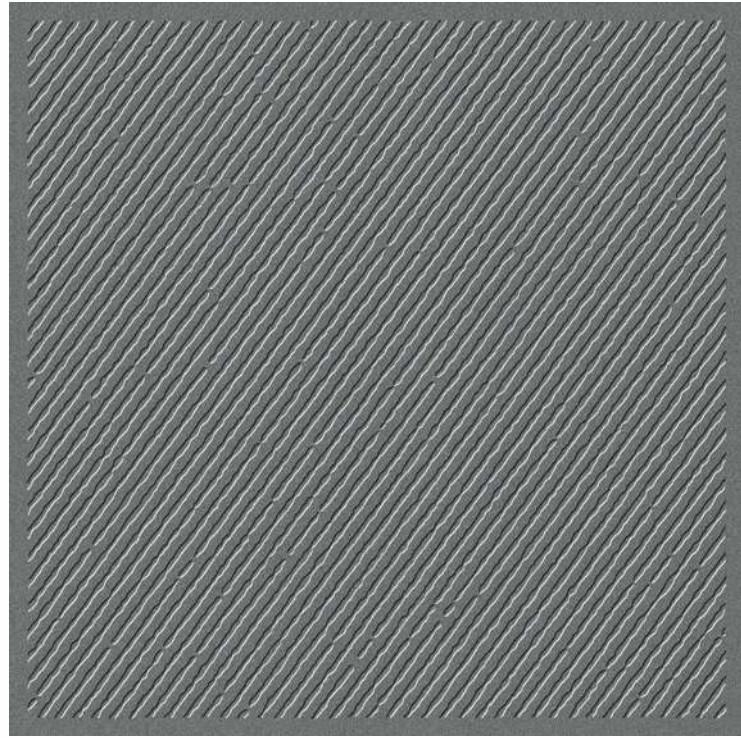


LINUS BROWN

SIZE - 40x40cm
FINISH - RUSTIC
COLLECTION - AMSTEL COLLECTION

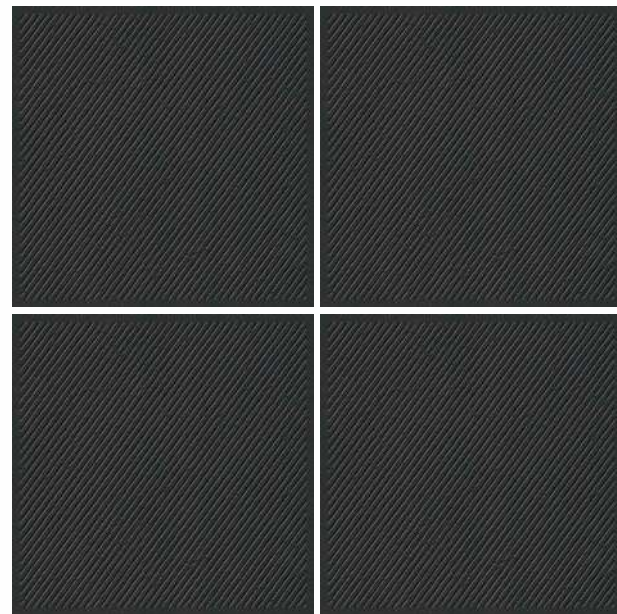
SIZE - 40x40cm
FINISH - RUSTIC
COLLECTION - AMSTEL COLLECTION

AMSTEL COLLECTION
40x40cm - Parking



1FACE

LINUS GREY

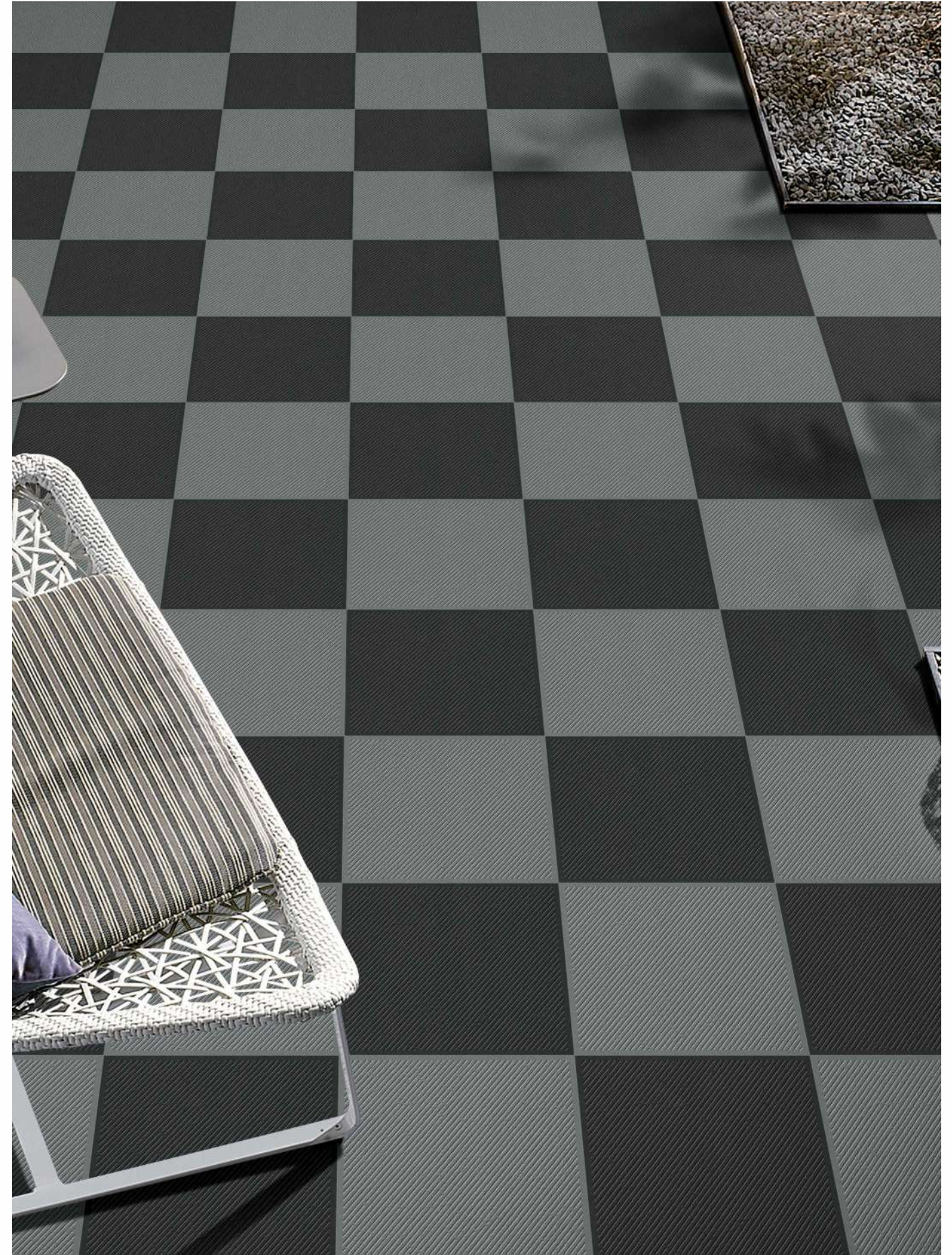


1FACE

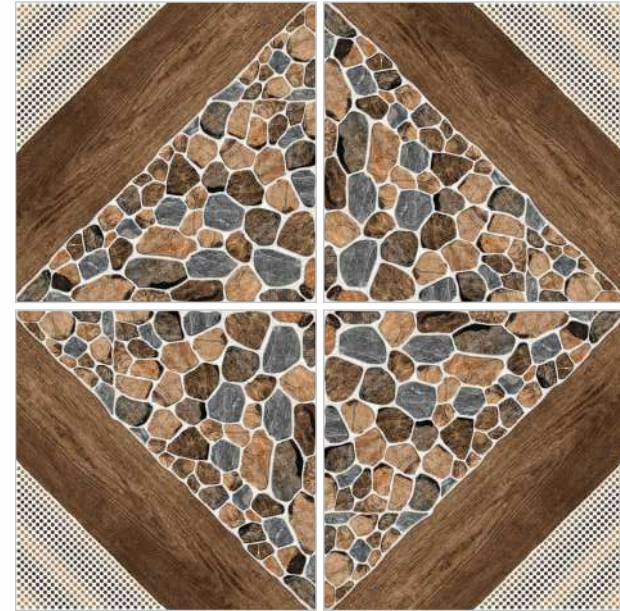
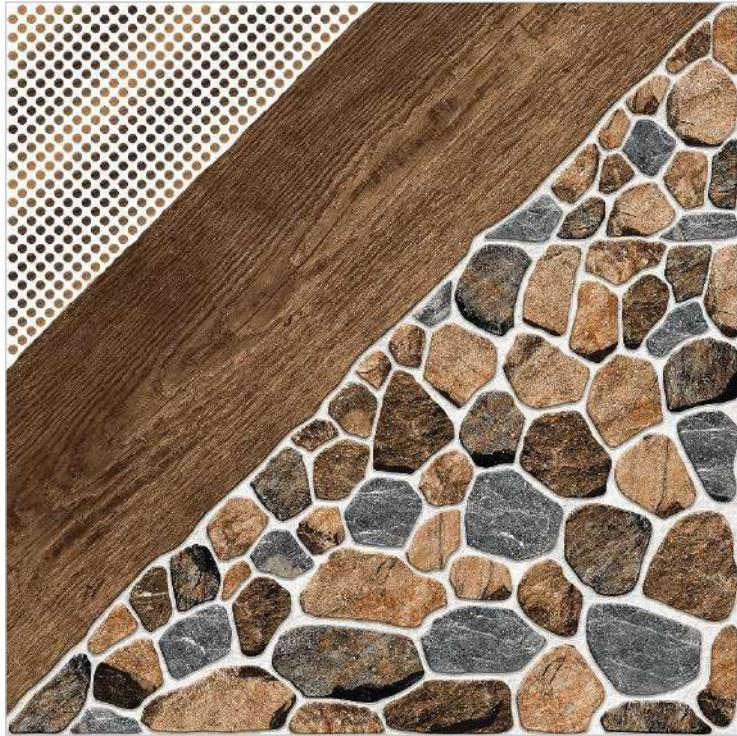
LINUS BLACK

SIZE - 40x40cm
FINISH - RUSTIC
COLLECTION - AMSTEL COLLECTION

LINUS BLACK + LINUS GREY

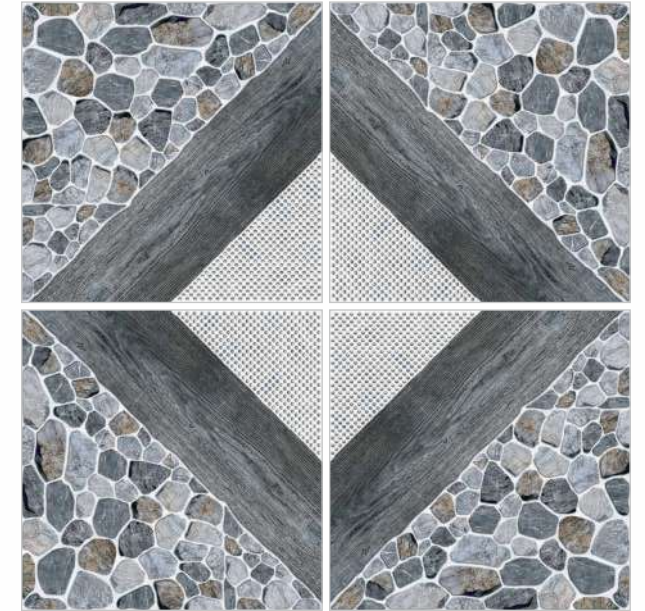


AMSTEL COLLECTION
40x40cm - Parking



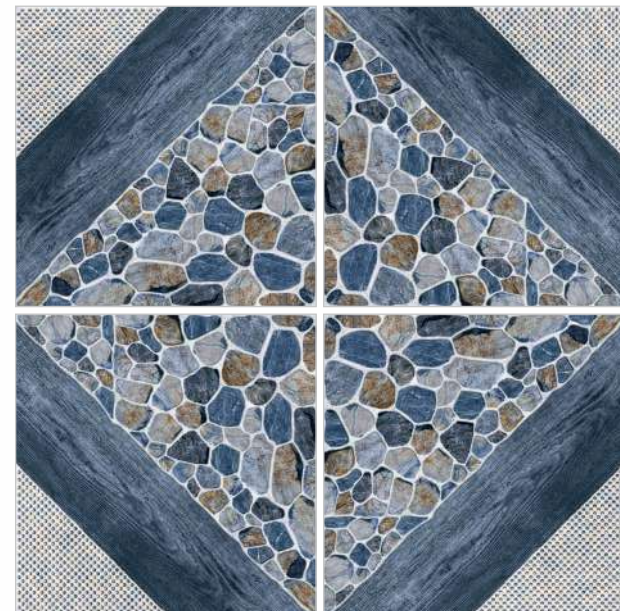
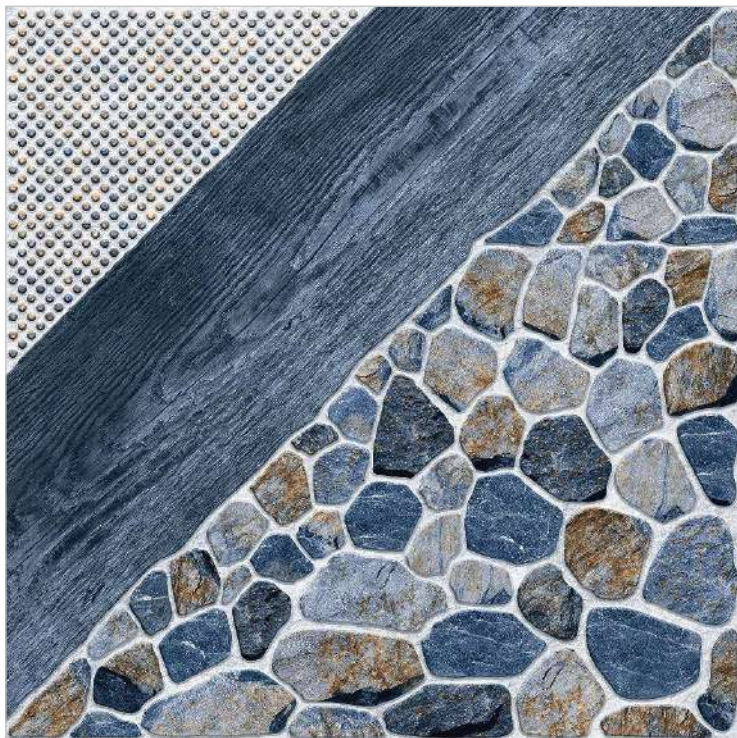
1 FACE

LOREN WENGE



1 FACE

LOREN GREY



1 FACE

LOREN BLUE

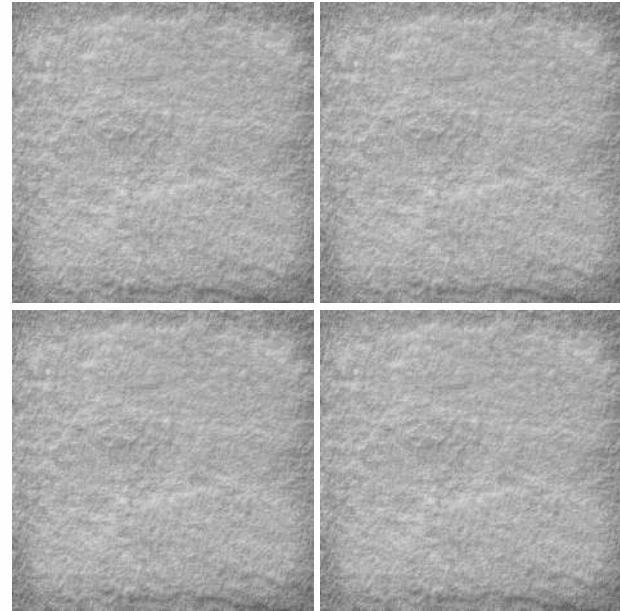


LOREN GREY

SIZE - 40x40cm
FINISH - RUSTIC
COLLECTION - AMSTEL COLLECTION

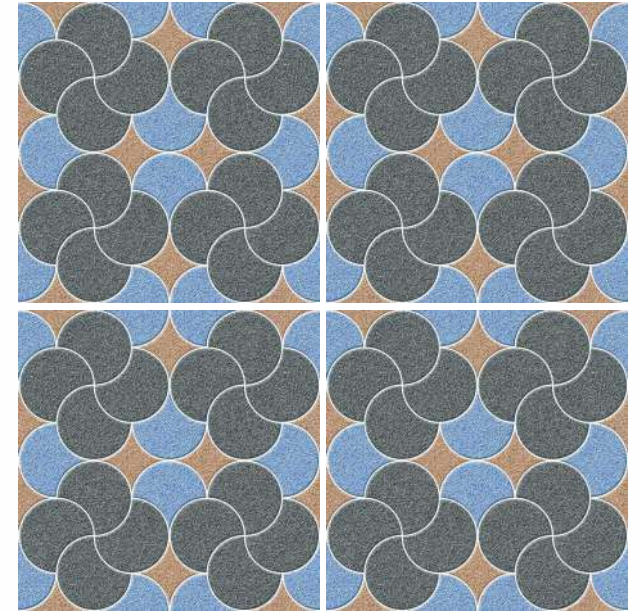
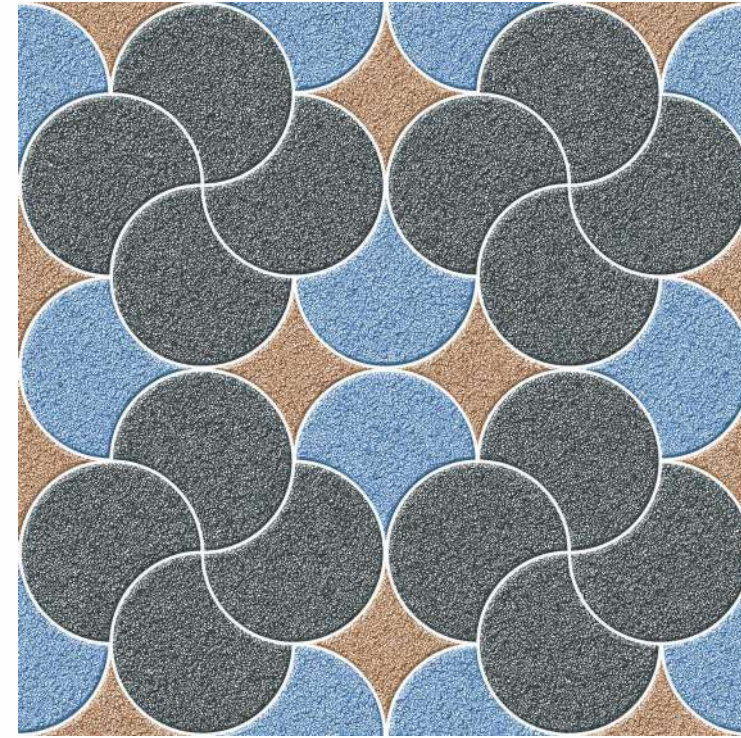
SIZE - 40x40cm
FINISH - RUSTIC
COLLECTION - AMSTEL COLLECTION

AMSTEL COLLECTION
40x40cm - Parking



1 FACE

MIST ARENA



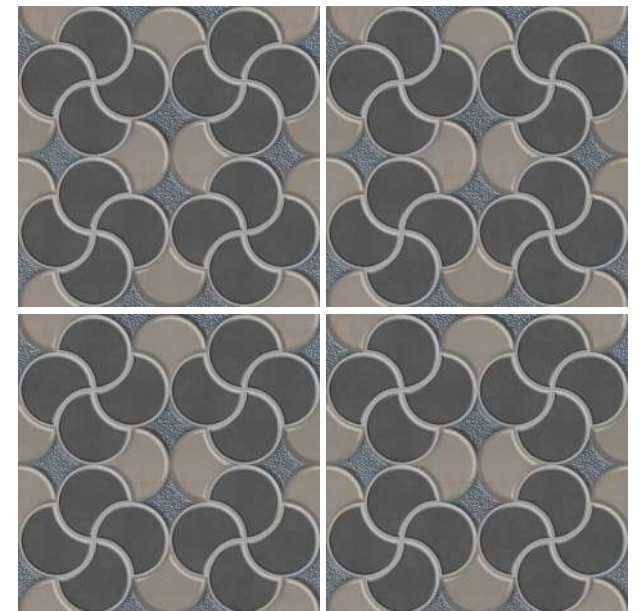
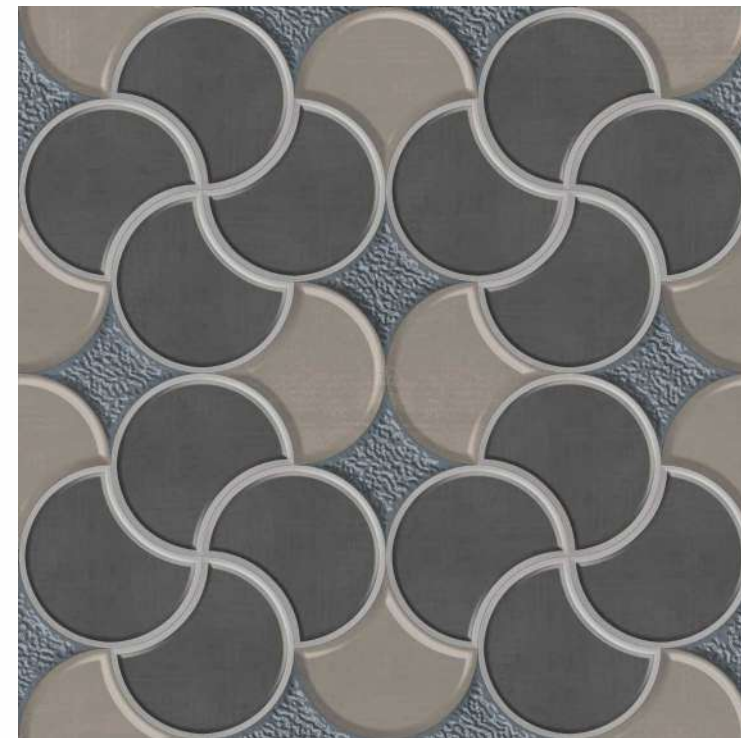
1 FACE

OPTIMA BLUE



15 FACE

MIST BROWN



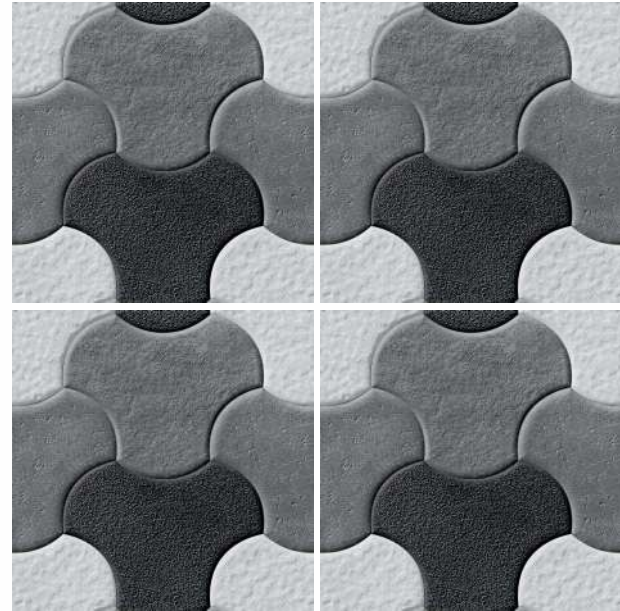
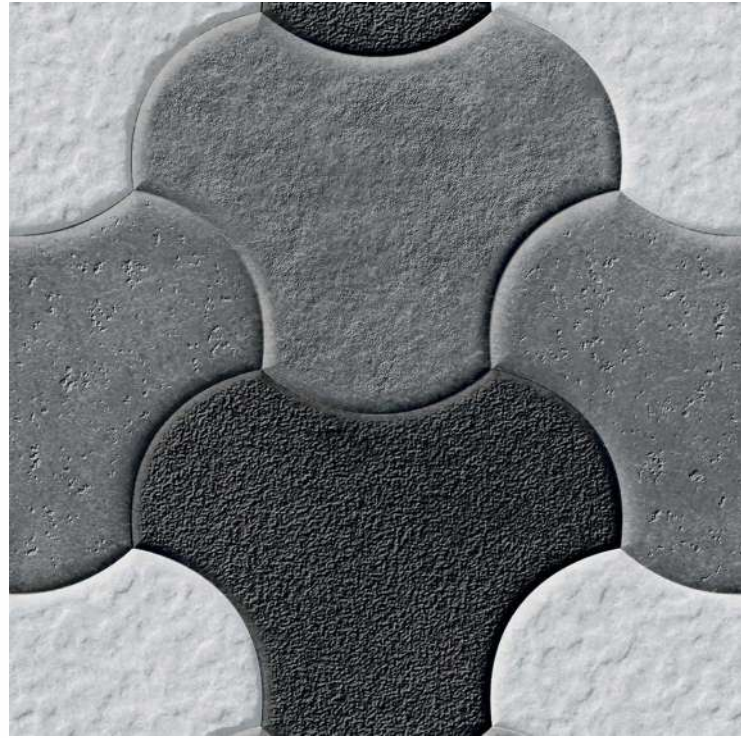
1 FACE

OPTIMA NERO

SIZE - 40x40cm
FINISH - RUSTIC
COLLECTION - AMSTEL COLLECTION

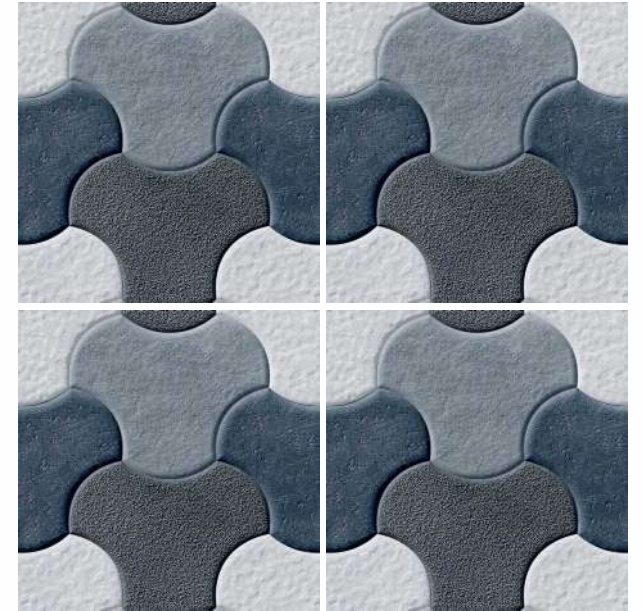
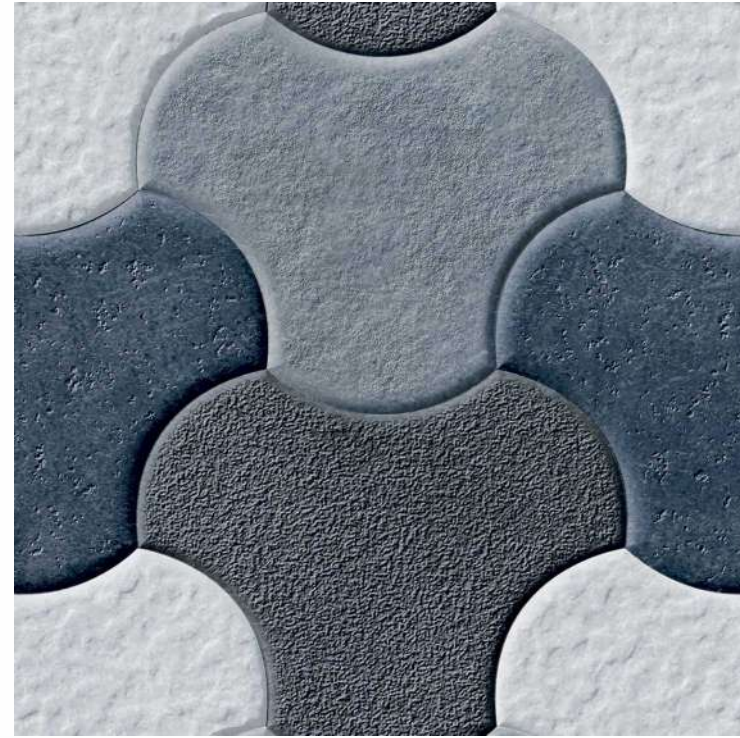
SIZE - 40x40cm
FINISH - RUSTIC
COLLECTION - AMSTEL COLLECTION

AMSTEL COLLECTION
40x40cm - Parking



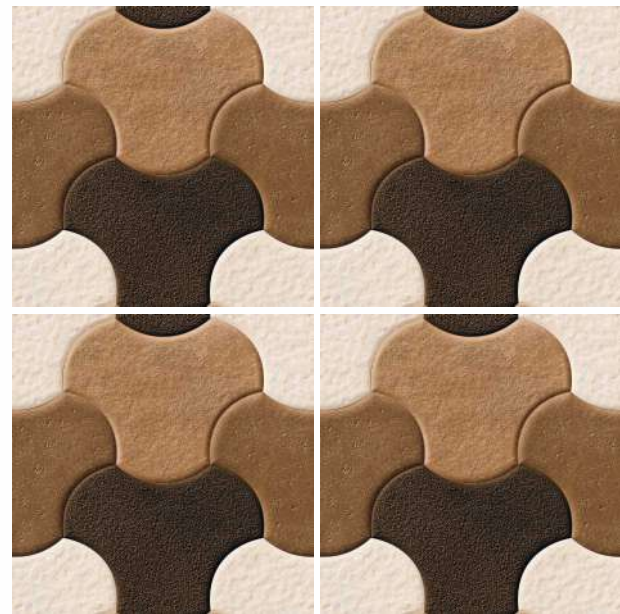
1 FACE

PEVER GREY



1 FACE

PEVER BLUE



1 FACE

PEVER BROWN



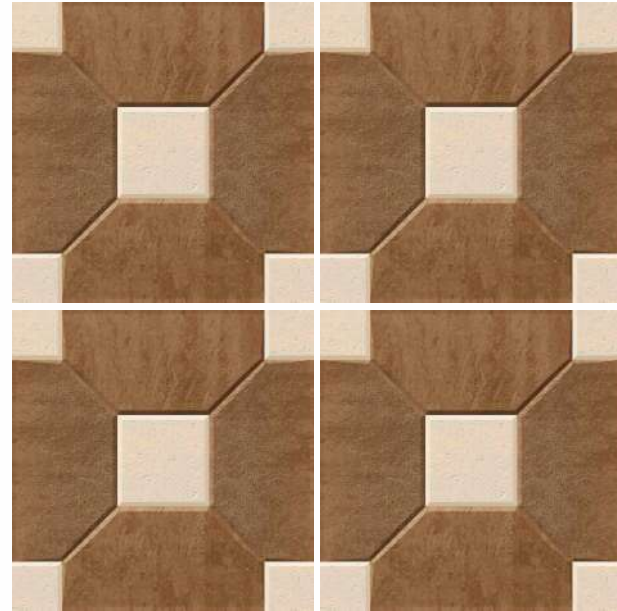
1 FACE

PERIDOT MULTY

SIZE - 40x40cm
FINISH - RUSTIC
COLLECTION - AMSTEL COLLECTION

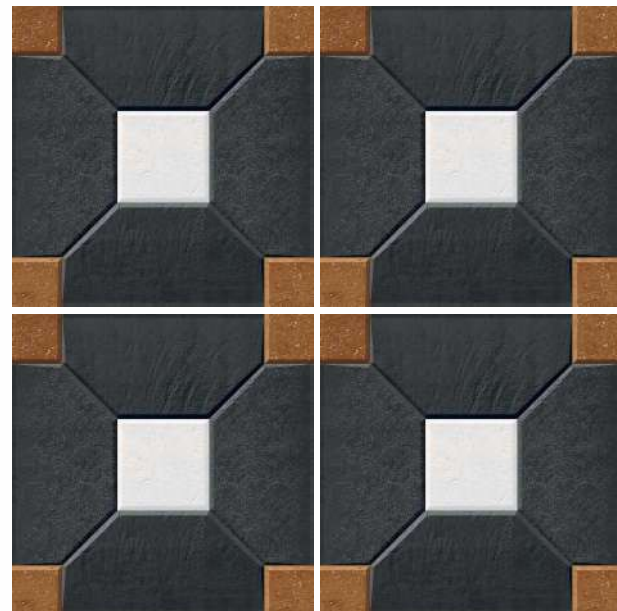
SIZE - 40x40cm
FINISH - RUSTIC
COLLECTION - AMSTEL COLLECTION

AMSTEL COLLECTION
40x40cm - Parking



1FACE

PLAZO COTTO



1FACE

PLAZO BLACK

SIZE - 40x40cm
FINISH - RUSTIC
COLLECTION - AMSTEL COLLECTION

PLAZO COTTO

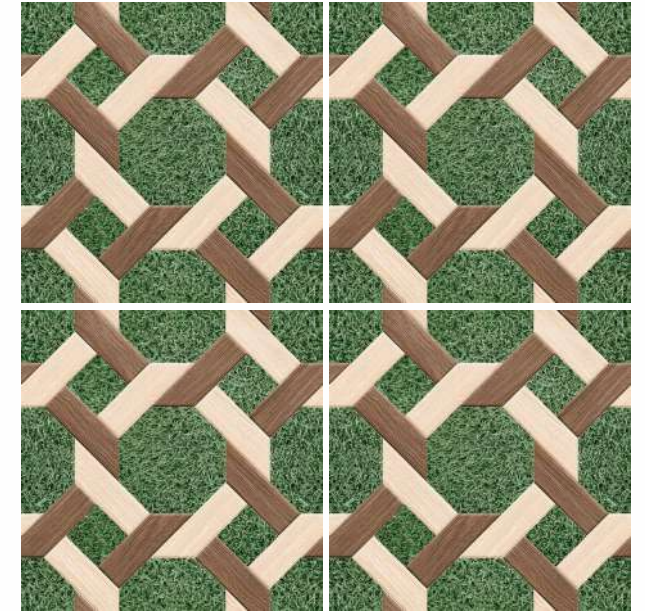


AMSTEL COLLECTION
40x40cm - Parking



1 FACE

PYRITE GREY



1 FACE

PYRITE BROWN



1 FACE

PYRITE MULTI

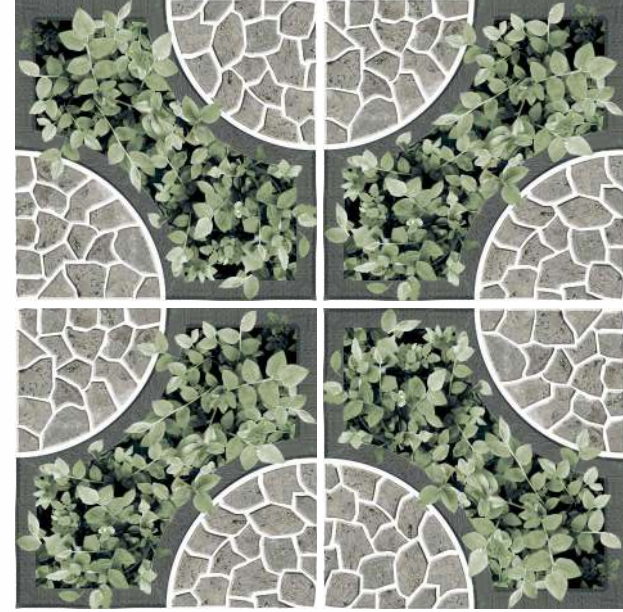


PYRITE BROWN & PYRITE GREY

SIZE - **40x40cm**
FINISH - **RUSTIC**
COLLECTION - **AMSTEL COLLECTION**

SIZE - **40x40cm**
FINISH - **RUSTIC**
COLLECTION - **AMSTEL COLLECTION**

AMSTEL COLLECTION
40x40cm - Parking



1 FACE

RUBY ASH



1 FACE

RUBY GREY



1 FACE

RUBY NATURAL



RUBY GREY

SIZE - 40x40cm
FINISH - RUSTIC
COLLECTION - AMSTEL COLLECTION

SIZE - 40x40cm
FINISH - RUSTIC
COLLECTION - AMSTEL COLLECTION



1 FACE

SIGMA BEIGE



1 FACE

SIGMA MULTY



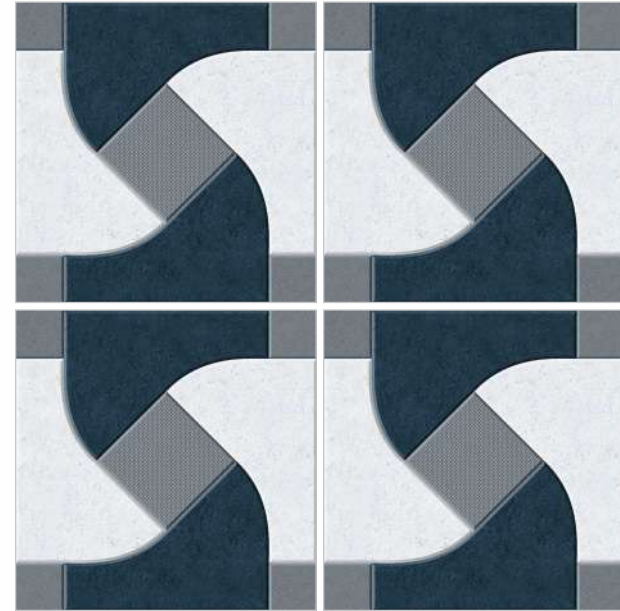
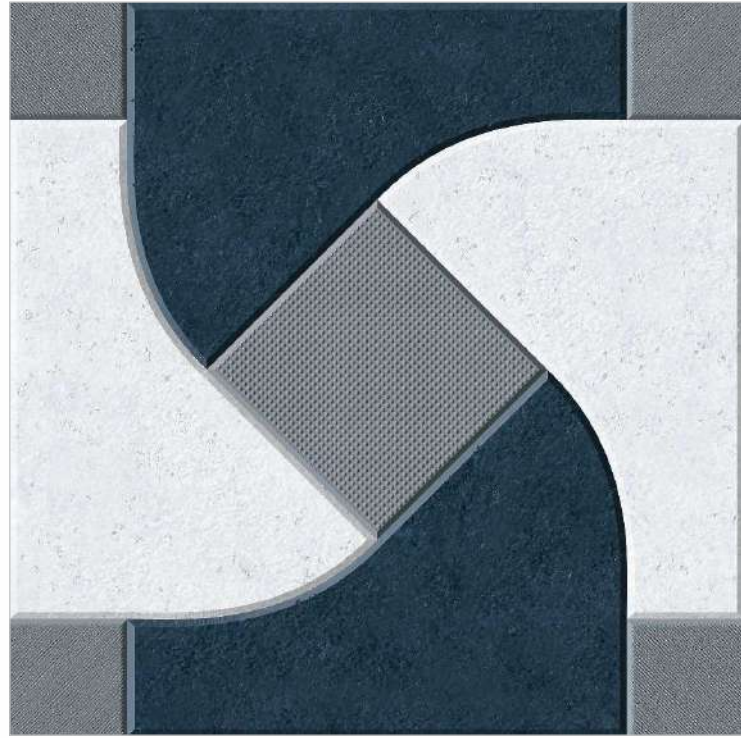
1 FACE

SIGMA COTTO



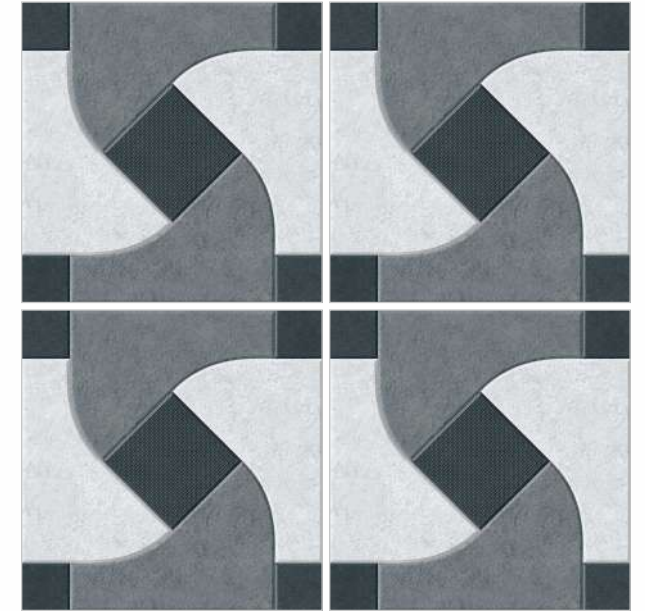
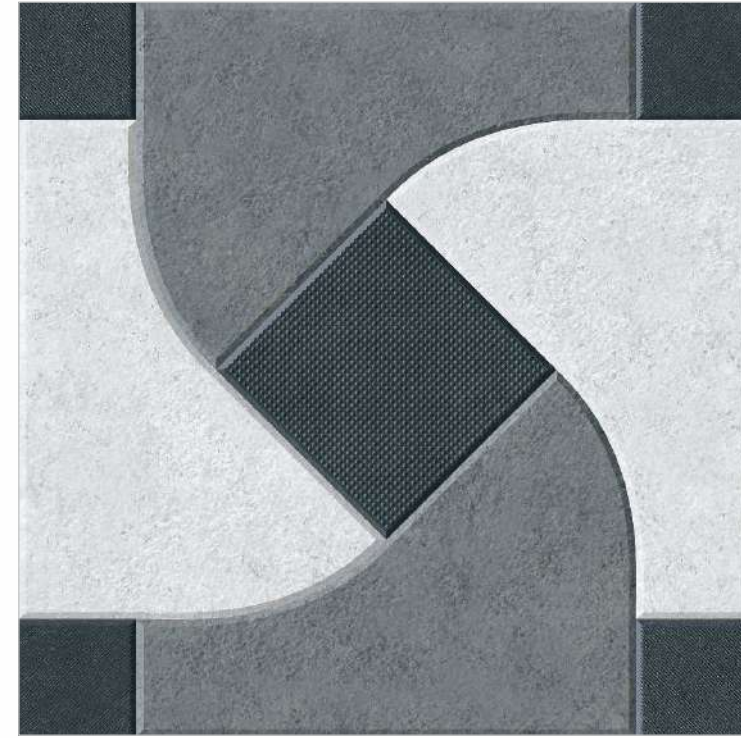
SIGMA MULTY

AMSTEL COLLECTION
40x40cm - Parking



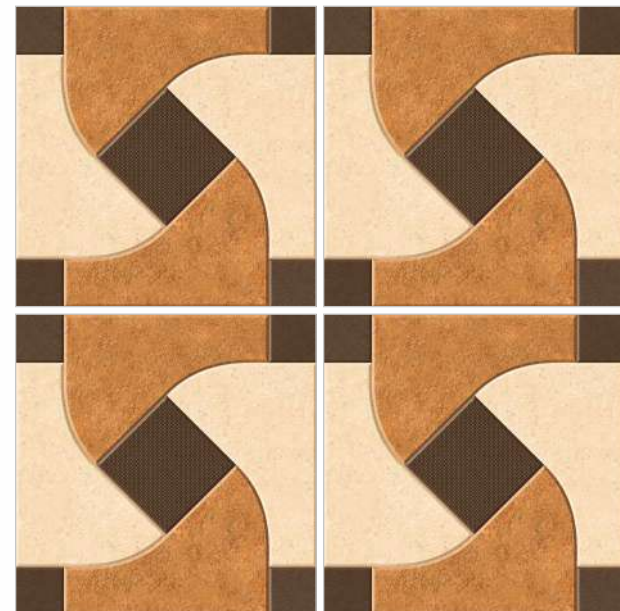
1 FACE

SPIKE NERO



1 FACE

SPIKE GREY



1 FACE

SPIKE COTTO



SPIKE GREY

SIZE - 40x40cm
FINISH - RUSTIC
COLLECTION - AMSTEL COLLECTION

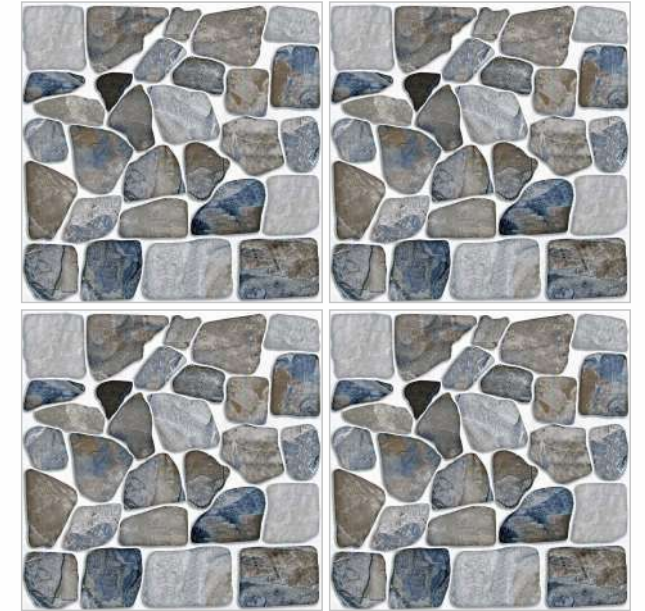
SIZE - 40x40cm
FINISH - RUSTIC
COLLECTION - AMSTEL COLLECTION

AMSTEL COLLECTION
40x40cm - Parking



1 FACE

TORENTO COTTO



1 FACE

TORENTO BLUE



1 FACE

TORENTO NATURAL



TORENTO BLUE

SIZE - 40x40cm
FINISH - RUSTIC
COLLECTION - AMSTEL COLLECTION

SIZE - 40x40cm
FINISH - RUSTIC
COLLECTION - AMSTEL COLLECTION

TECHNICAL SPECIFICATION FOR PARKING TILES

SR. NO.	CHARACTERISTICS	IS 15622:2017 GROUP BIA E ≤ 0.08	ISO 13006:2018 GROUP BIA EV ≤ 0.5 %	EN 14411:2016 GROUP BIA EV ≤ 0.5 %	TEST METHOD	SUNHEARRT VALUE	
A - DIMENSION & SURFACE QUALITY (WHICH EVER IS LESS IS APPLICABLE)							
i	Length & Width	±0.1%	± 0.3% OR ± 1.0 mm	± 0.6% OR ± 2.0 mm	ISO 10545 - 2 IS 13630 (Part 1)	± 0.1%	
ii	Thickness	± 5.0%	± 5.0% OR ± 0.5 mm	± 5.0% OR ± 0.5 mm		± 4%	
iii	Straightness Of Side	±0.1%	± 0.3% OR ± 0.8 mm	± 0.5% OR ± 1.5 mm		± 0.1%	
iv	Rectengularity	±0.1%	± 0.3% OR ± 1.5 mm	± 0.5% OR ± 2.0 mm		± 0.1%	
v	Surface Flatness						
a	Center Curvature (%)	± 0.5 %	± 0.4% OR ± 1.8 mm	± 0.5 % OR ± 2.0 mm		± 0.2 %	
b	Edge Curvature (%)	± 0.5 %	± 0.4% OR ± 1.8 mm	± 0.5 % OR ± 2.0 mm		± 0.2 %	
c	Corner Warpage (%)	± 0.5 %	± 0.4% OR ± 1.8 mm	± 0.5 % OR ± 2.0 mm		± 0.2 %	
vi	Surface Quality	Min. 95 % of tiles will be free from visible defects	Min. 95 % of tiles will be free from visible defects	Min. 95 % of tiles will be free from visible defects			Min. 95 % of tiles will be free from visible defects
B - PHYSICAL PROPERTIES							
i	Water Absorption	Av ,0.08 < E ≤ 3.0% Individual 3.3 max	Av ,0.5 < E v< 3.0% Individual 3.3 max	Av ,<3.0% Individual 3.3 max	ISO 10545-3 IS 13630 (Part 2)	4- 5%	
ii	Modulus Of Rupture [n/mm2]	Av 30, Individual 27 min	Av 30, Individual 27 min	Av 30, Individual 27 min	ISO 10545-4 IS 13630 (Part 6)	>27	
iii	Breaking Strength In N	1100	1100	1100		>1000	
iv	Moisture Expansion In Mm/m	Max 0.02	0.06% /0.6mm/m	0.06% /0.6mm/m	ISO 10545-10 IS 13630 (Part 3)	Max 0.02	
viii	Resistance To Surface Abrasion Of Glazed Tiles (Class I To V)	Min Class II	Abrasion Class and Cycle passed	Abrasion Class and Cycle passed	ISO 10545-7 IS 13630 (Part 11)	Class III (Depending on Surface/Texture)	
vi	Coefficient Of Linear Thermal Expansion From Embiant Temperature To 100 0 C	7 X 10 ⁻⁶ K ⁻¹ max	9 X 10 ⁻⁶ K ⁻¹ max	9 X 10 ⁻⁶ K ⁻¹ max	ISO 10545-8 IS 13630 (Part 4)	7 X 10 ⁻⁶ K ⁻¹ max	
vii	Thermal Shock Resistance	10 cycle min	10 cycle min	10 cycle min	ISO 10545-9 IS 13630 (Part 5)	10 cycle Passed	
viii	Crazing Resistance	Min 4 cycle at 7.5 bar	2 Cycle (@ 5 bar))	2 Cycle (@ 5 bar))	ISO 10545-11 IS 13630 (Part 9)	4 cycle passed	
ix	Frost resistance		Required	Required	ISO 10545-12 IS 13630 (Part-10)	Not Required for Indore Use	
x	Impact Resistance	0.55	0.55	0.55	ISO 10545-5 IS 13630 (Part 14)	>0.55	
	Bulk Density	Min 2.0			ISO 10545-3 IS 13630 (Part 2)	Min 2.0	

C - CHEMICAL PROPERTIES

i	Stain Resistance	Min Class I	Min Class 3	Min Class 3	ISO 10545-14 IS 13630 (Part 8)	Class 1
ii	Resistance To Household Chemicals	Class AA	Min Class B	Min Class B	ISO 10545-13 IS 13630 (Part 8)	Class AA
iii	Resistance To Acid And Alkalies				ISO 10545-13 IS 13630 (Part 8)	Class AA

PACKING DETAILS

SIZE	PIECES / BOX	COVERAGE AREA / BOX		WEIGHT / BOX
40x40cm	5	8.61 sq. ft.	0.80 sq. mtr	18 Kg (approx)

Note: Color shown in catalog may vary with the original tile. Slight shade & size variation is an inherent property of Ceramic / Vittrified tiles.
For Normal Glossy Class III, High Glossy Class II/Class III, Matt Class III/Class IV.

TECHNICAL SPECIFICATION FOR GVT PARKING TILES

SR. NO.	CHARACTERISTICS	IS 15622:2017 GROUP BIA E ≤ 0.08	ISO 13006:2018 GROUP BIA EV ≤ 0.5 %	EN 14411:2016 GROUP BIA EV ≤ 0.5 %	TEST METHOD	SUNHEARRT VALUE	
A - DIMENSION & SURFACE QUALITY (WHICH EVER IS LESS IS APPLICABLE)							
i	Length & Width	±0.1%	± 0.3% OR ± 1.0 mm	± 0.6% OR ± 2.0 mm	ISO 10545 - 2 IS 13630 (Part 1)	± 0.1%	
ii	Thickness	± 5.0%	± 5.0% OR ± 0.5 mm	± 5.0% OR ± 0.5 mm		± 4%	
iii	Straightness Of Side	±0.1%	± 0.3% OR ± 0.8 mm	± 0.5% OR ± 1.5 mm		± 0.1%	
iv	Rectengularity	±0.1%	± 0.3% OR ± 1.5 mm	± 0.5% OR ± 2.0 mm		± 0.1%	
v	Surface Flatness						
a	Center Curvature (%)	± 0.5%	± 0.4% OR ± 1.8 mm	± 0.5 % OR ± 2.0 mm		± 0.2 %	
b	Edge Curvature (%)	± 0.5%	± 0.4% OR ± 1.8 mm	± 0.5 % OR ± 2.0 mm		± 0.2 %	
c	Corner Warpage (%)	± 0.5%	± 0.4% OR ± 1.8 mm	± 0.5 % OR ± 2.0 mm		± 0.2 %	
vi	Surface Quality	Min. 95 % of tiles will be free from visible defects	Min. 95 % of tiles will be free from visible defects	Min. 95 % of tiles will be free from visible defects			Min. 95 % of tiles will be free from visible defects
B - PHYSICAL PROPERTIES							
i	Water Absorption	<0.08% Ind Max 0.1%	<0.5% Ind Max 0.6%	<0.5% Ind Max 0.6%	ISO 10545-3 IS 13630 (Part 2)	<0.08%	
ii	Modulus Of Rupture [n/mm2]	Av 35, Individual 32 min	Av 35, Individual 32 min	Av 35, Individual 32 min	ISO 10545-4 IS 13630 (Part 6)	>35	
iii	Breaking Strength In N	700 for < 7.5mm T 1300 for ≥ 7.5mm T	700 for < 7.5mm T 1300 for ≥ 7.5mm T	700 for < 7.5mm T 1300 for ≥ 7.5mm T		>1300	
iv	Moisture Expansion In Mm/m	0.02	0.06% /0.6mm/m	0.06% /0.6mm/m	ISO 10545-10 IS 13630 (Part 3)	Nil	
v	Resistance To Abrasion Of Glazed Tiles (Class I To V)	Minimum Class II	Depending on surface (As reported)	Depending on surface (As reported)	ISO 10545-7 IS 13630 (Part 11)	Min Class 3 for PCVT	
	Resistance To Deep Abrasion Of Unglazed Tiles (volume Removed In Mm ³)	Max-140	Max -175	Max -175	ISO 10545-6 IS 13630 (Part 12)		
vi	Coefficient Of Linear Thermal Expansion From Embiant Temperature To 100 0 C	6 X 10 ⁻⁶ K ⁻¹	9 X 10 ⁻⁶ K ⁻¹ max	9 X 10 ⁻⁶ K ⁻¹ max	ISO 10545-8 IS 13630 (Part 4)	6 X 10 ⁻⁶ K ⁻¹ max	
vii	Thermal Shock Resistance	10 Cycle Passed	10 cycle min	10 cycle min	ISO 10545-9 IS 13630 (Part 5)	10 cycle Passed	
viii	Crazing Resistance	4 cycle	2 Cycle (@ 5 bar))	2 Cycle (@ 5 bar))	ISO 10545-11 IS 13630 (Part 9)	4 cycle passed	
ix	Frost Resistance	100 Cycle	Required	Required	ISO 10545-12 IS 13630 (Part-10)	Passed	
x	Impact Resistance	0.55	0.55	0.55	ISO 10545-5 IS 13630 (Part 14)	>0.55	
xi	Bulk Density	Min 2.2			ISO 10545-3 IS 13630 (Part 2)	2.2 gm/cc.min	

C - CHEMICAL PROPERTIES

i	Stain Resistance	Min Class I	Min Class 3	Min Class 3	ISO 10545-14 IS 13630 (Part 8)	Class 3 (as per ISO)
ii	Resistance To Household Chemicals	Class AA	Min Class B	Min Class B	ISO 10545-13 IS 13630 (Part 8)	Class A(AS per ISO)
iii	Resistance To Acid And Alkalies		Decleared Value	Decleared Value	ISO 10545-13 IS 13630 (Part 8)	Class A

PACKING DETAILS

SIZE	PIECES / BOX	COVERAGE AREA / BOX		WEIGHT / BOX
40x40cm (GVT)	5	8.61 sq. ft.	0.80 sq. mtr	20 Kg (approx)

Note: Color shown in catalog may vary with the original tile. Slight shade & size variation is an inherent property of Ceramic / Vittrified tiles.
For Normal Glossy Class III, High Glossy Class II/Class III, Matt Class III/Class IV.

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