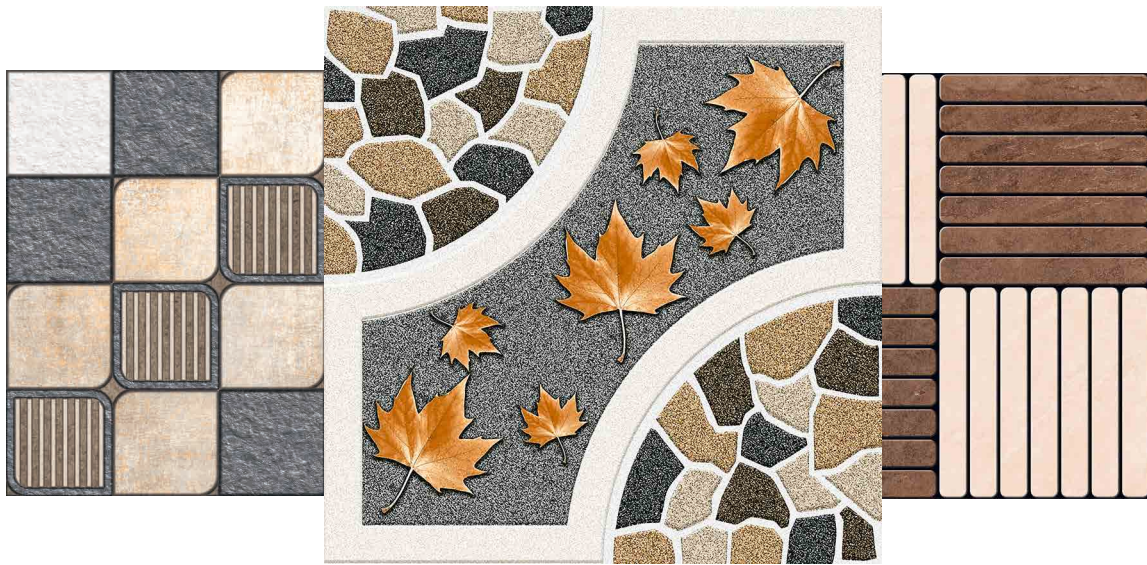


HD DIGITAL HEAVY PARKING

16 X 16

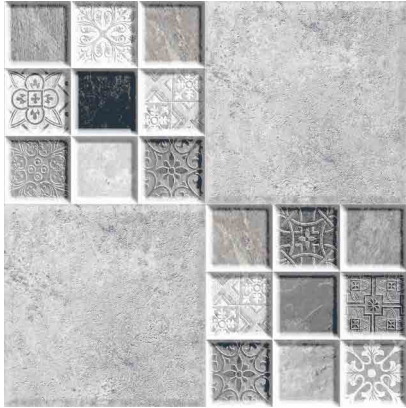


Uses : HD Digital Parking Tiles are used in parking areas, driveways and high-usage outdoor spaces. They are perfect for residential, commercial and industrial applications by offering strength and design appeal.

Specification: These tiles provide high load-bearing capacity and a non-slip surface that enhances safety, making them ideal for wet and dry conditions. Designed for minimal maintenance, they offer high-clarity designs.

16"X16"

HD DIGITAL HEAVY PARKING



OLD-40A002

18001



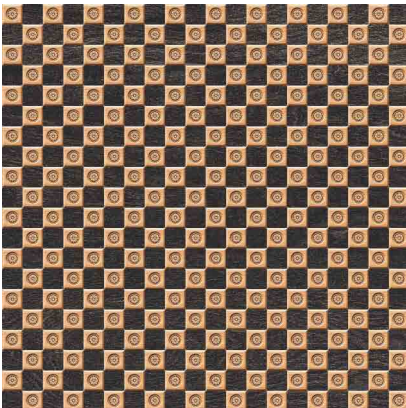
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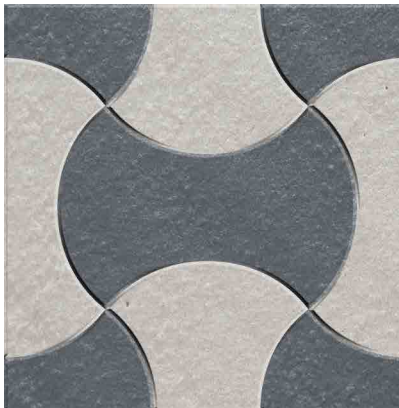
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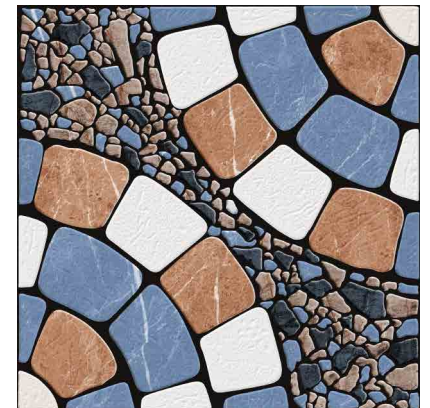
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OLD-40D001

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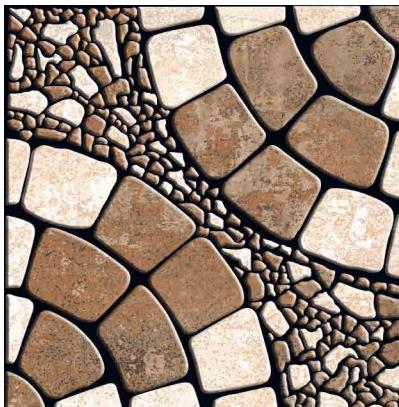
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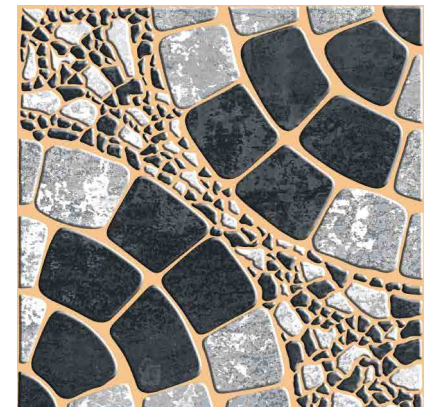
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18007



OLD-40E005

18008



OLD-40E006

18009

16"X16"

HD DIGITAL HEAVY PARKING



OLD-40F002

18010



OLD-40F004

18011



OLD-40F005

18012



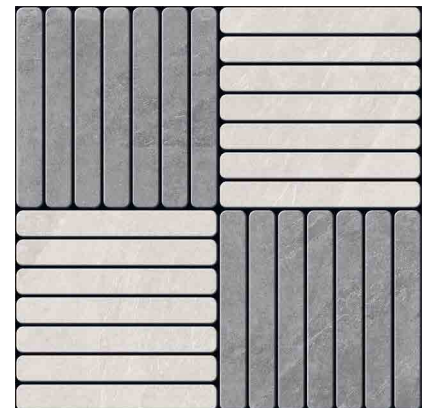
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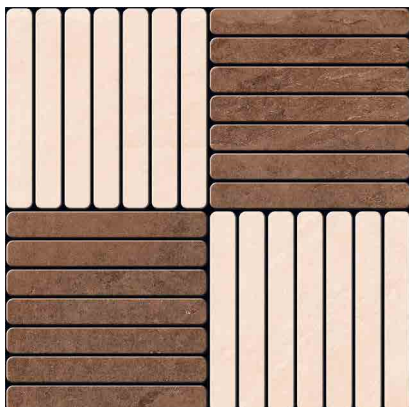
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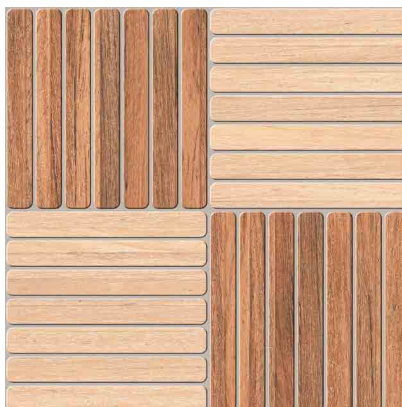
OLD-40H001

18015



OLD-40H002

18016



OLD-40H003

18017



OLD-40J001

18018

16"X16"

HD DIGITAL HEAVY PARKING



OLD-40J002

18019



OLD-40J003

18020



OLD-40B004

18021



OLD-40F001

18022



OLD-40G004

18023



OLD-40G006

18024

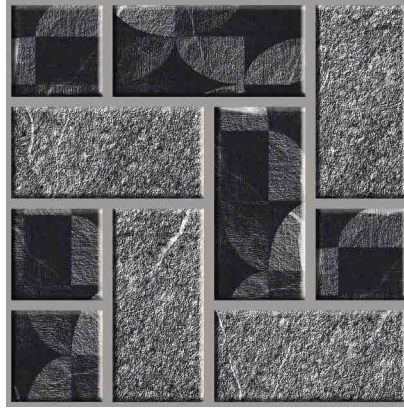


16"X16"

HD DIGITAL HEAVY PARKING



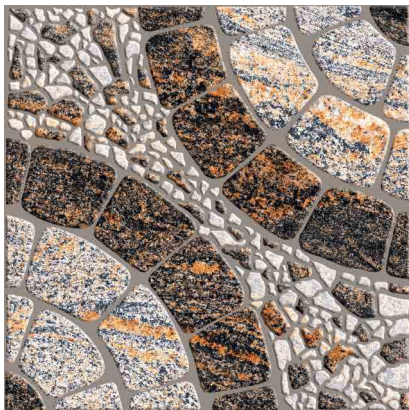
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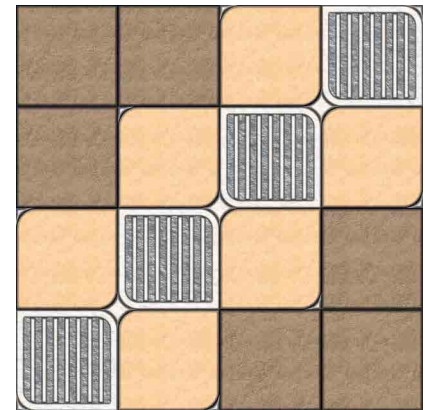
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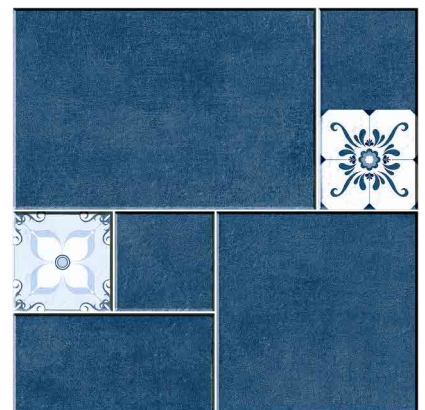
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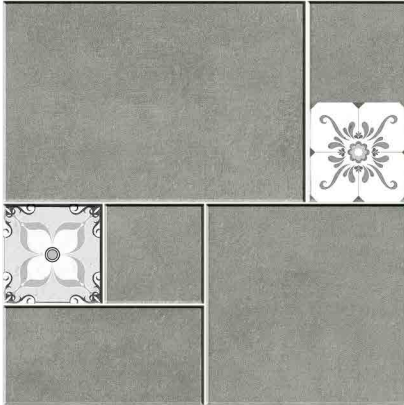
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16"X16"

UNIT III

PRODUCTION

HD DIGITAL HEAVY PARKING



18034



18035



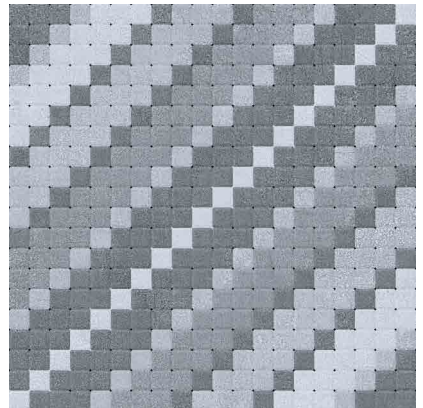
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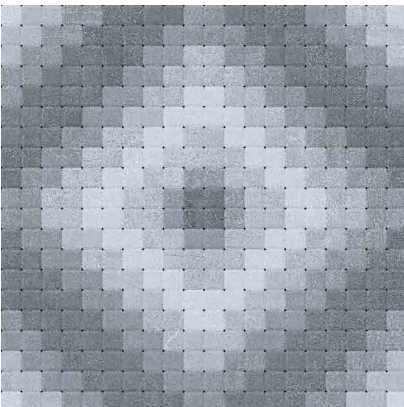
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18039



18040



18041



18042

16"X16"

HD DIGITAL HEAVY PARKING



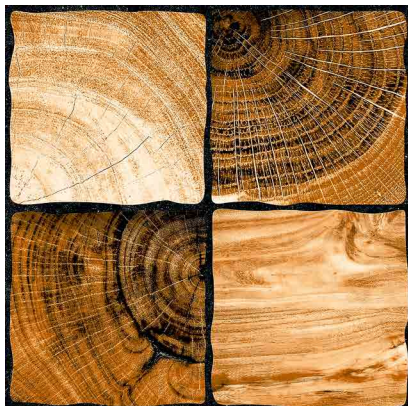
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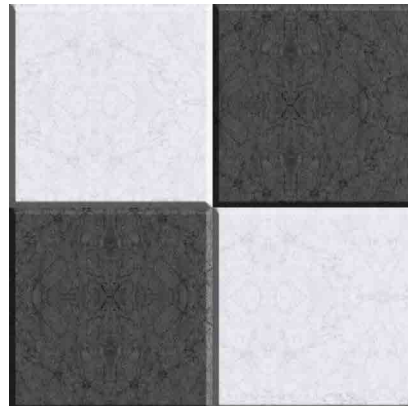
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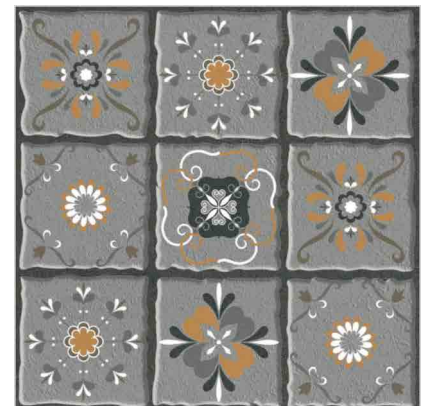
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18046



18047



18048



18049



18050



18051

16"X16"

HD DIGITAL HEAVY PARKING



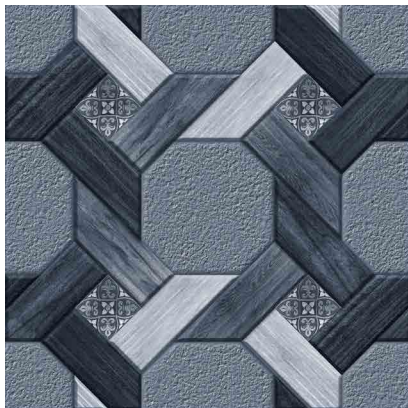
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18053



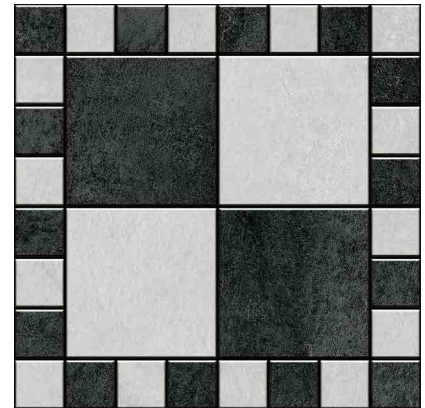
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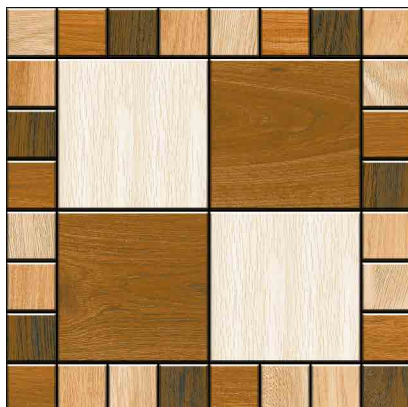
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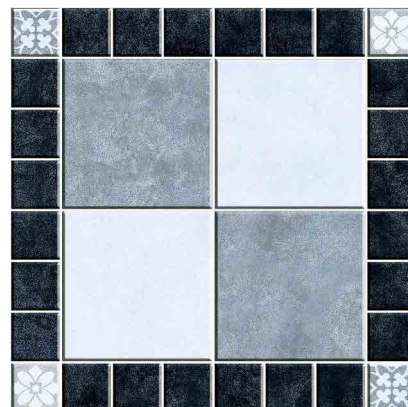
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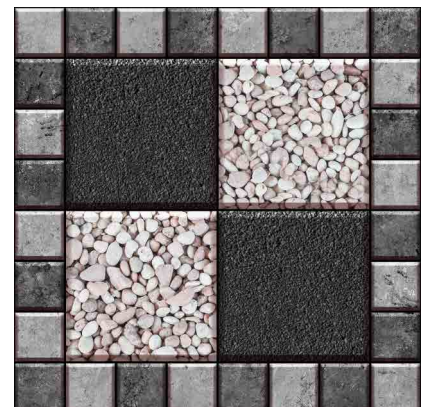
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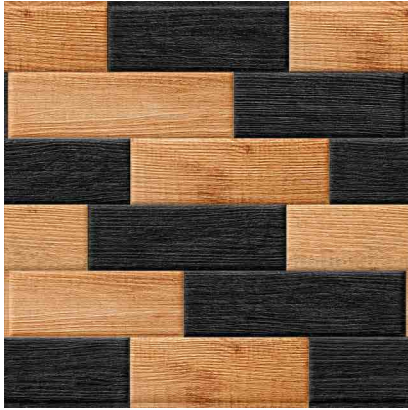
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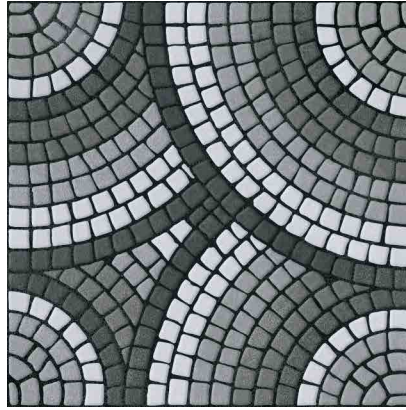
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16"X16"

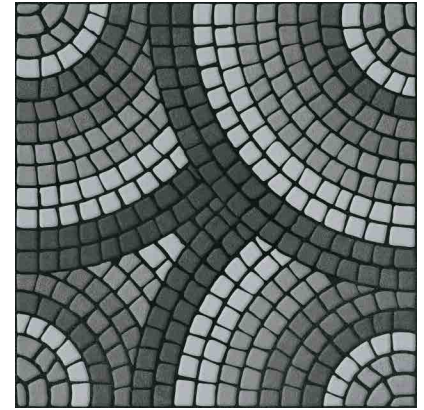
HD DIGITAL HEAVY PARKING



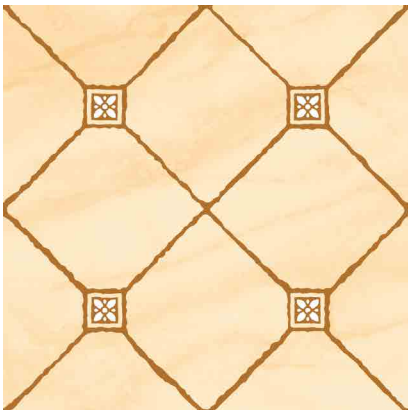
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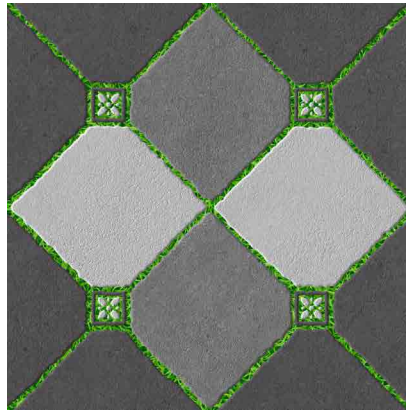
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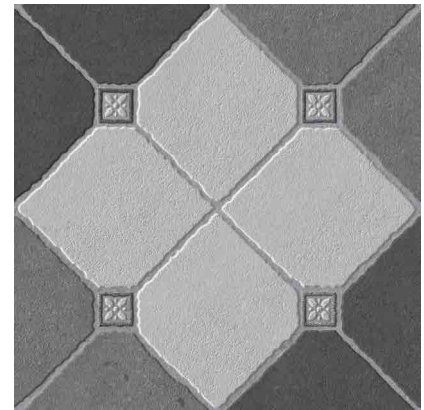
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18064



18065



18066



18067



18068



18069

16"X16"

HD DIGITAL HEAVY PARKING



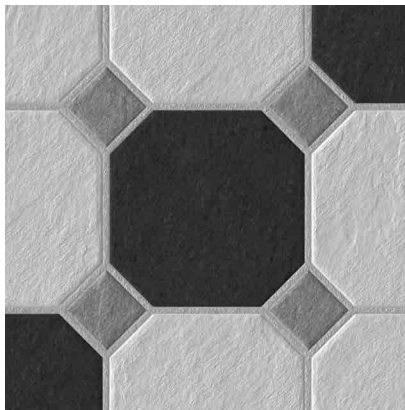
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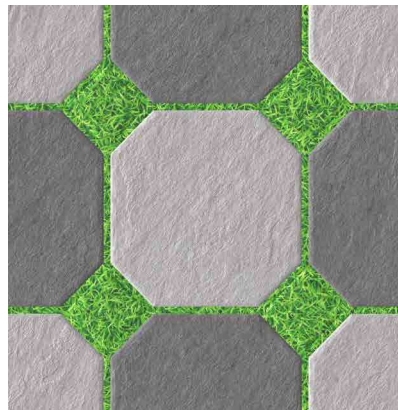
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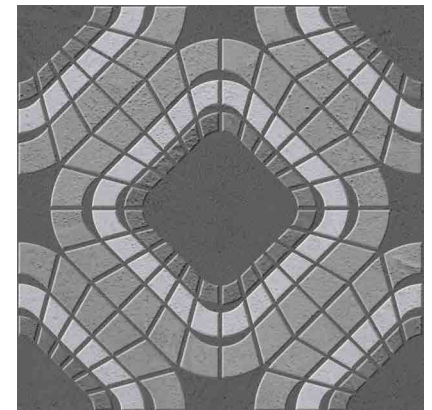
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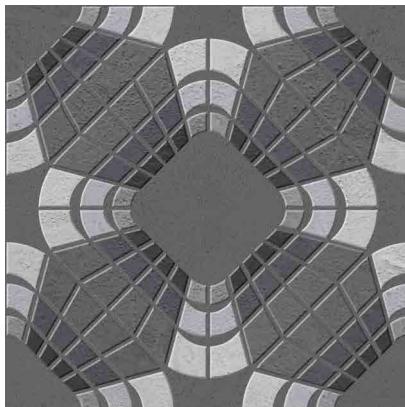
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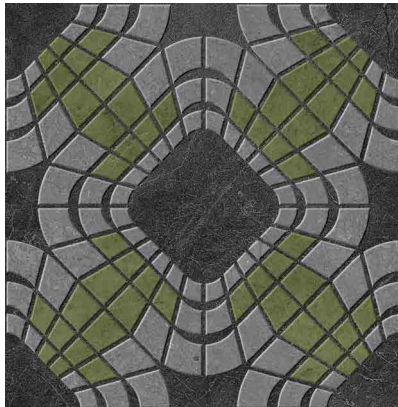
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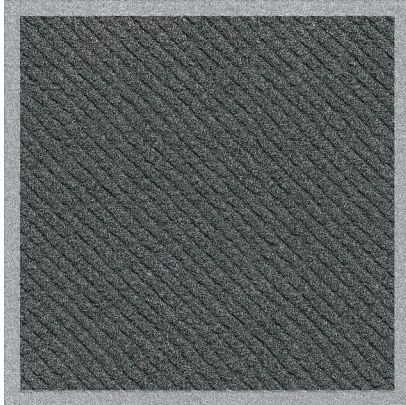
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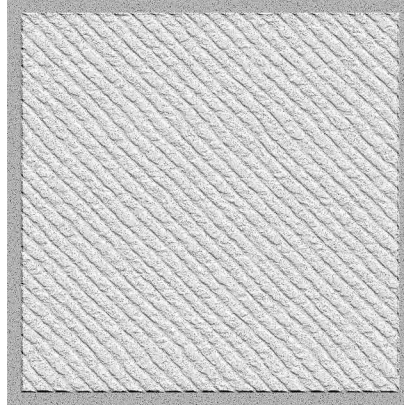
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16"X16"

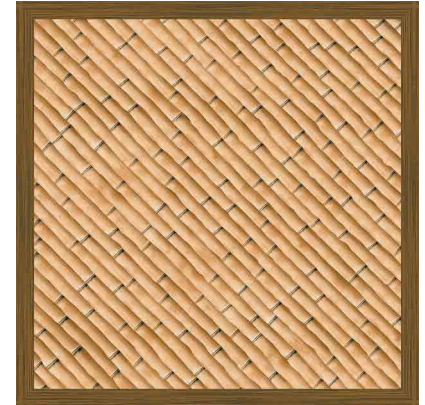
HD DIGITAL HEAVY PARKING



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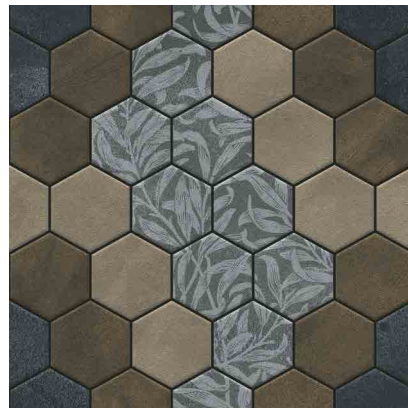
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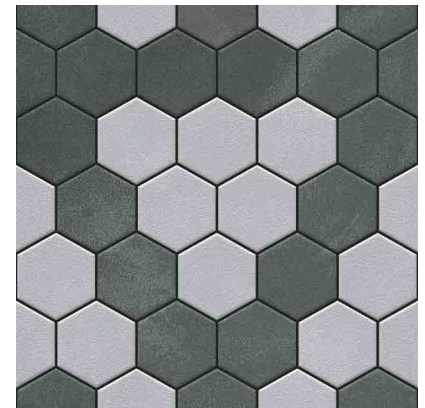
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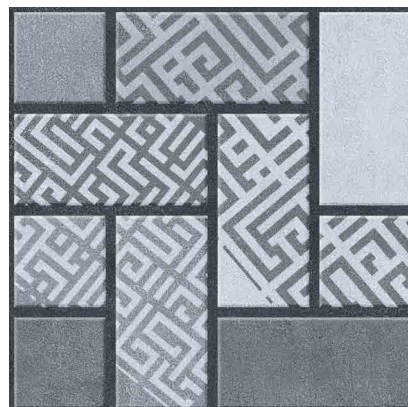
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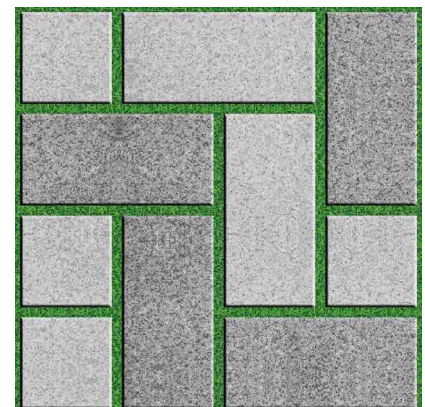
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18085



18086



18087

16"X16"

HD DIGITAL HEAVY PARKING



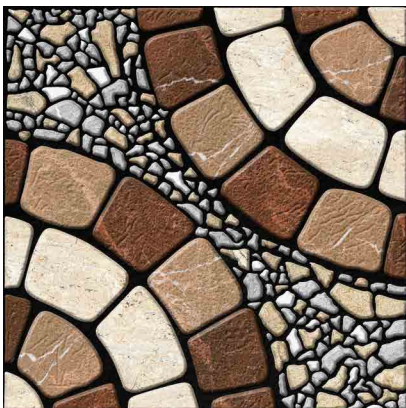
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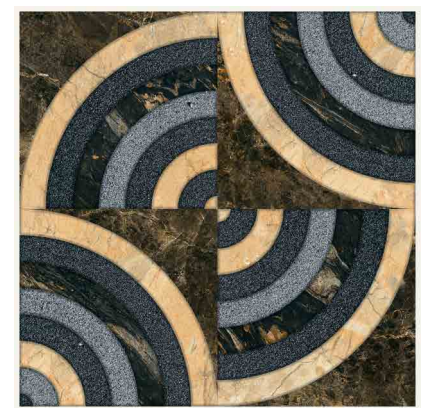
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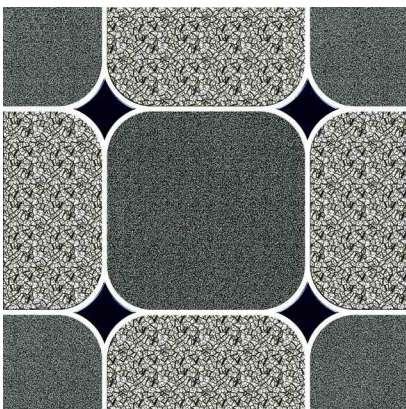
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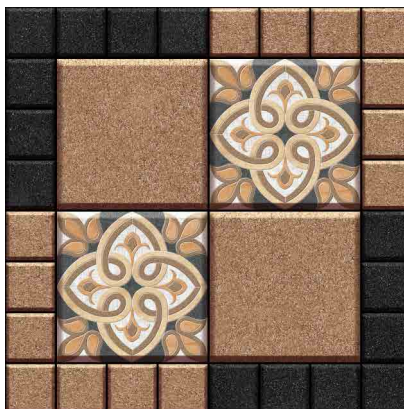
18092



18093



18094



18095



18096

PGVT

CHARACTERISTIC	STANDARD AS PER ISO13006:2018/EN14411 Gr.Bia	METHOD OF TESTING	MEAN VALUE OF RJM
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Regulatory Properties

Deviation in Length and Width	±0.30% (± 1.00 mm)	ISO 10545-2/IS 13630-1	±0.10%
Deviation in Thickness	±5.0% (±0.50 mm)	ISO 10545-2/IS 13630-1	±3.0%
Straightness in Side	±0.30% (± 0.80 mm)	ISO 10545-2/IS 13630-1	±0.10%
Rectangularity	±0.30% (± 1.50 mm)	ISO 10545-2/IS 13630-1	±0.10%
Surface Flatness Central Curvature	±0.40% (±1.80 mm)	ISO 10545-2/IS 13630-1	±0.20%
Surface Flatness Edge Curvature	±0.40% (±1.80 mm)	ISO 10545-2/IS 13630-1	±0.20%
Surface Flatness Warpage	±0.40% (±1.80 mm)	ISO 10545-2/IS 13630-1	±0.10%
Surface Quality	>95% defects free	ISO 10545-2/IS 13630-1	> 95% defects Free
Glossiness (Polished)	As per Manufacturer	Gloss Meter 600	≥ 90

Structural Properties

Water Absorption	≤ 0.50%	ISO 10545-3/IS 13630-2	≤ 0.080%
Bulk Density	As per Manufacturer	ISO 10545-3/IS 13630-2	> 2.28 gm/cc

Massive Mechanical Properties

Modulus of Rupture	Min. 35.0 N/mm ²	ISO 10545-4/IS 13630-6	Min 37.0 N/mm ²
Breaking Strength Thickness 7.5mm	Min 1300.0 N	ISO 10545-4/IS 13630-6	Min 1500.0 N

Surface Mechanical Properties

MOH'S Hardness	As per Manufacturer	IS 13630-13	≤6
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Thermal Hygrometric Properties

Thermal Expansion (COE) at 100° C	As per Manufacturer	ISO 10545-8/IS 13630-4	Max 6.0 x 10 ⁻⁶
Thermal Shock Resistance	Min 10 Cycle	ISO 10545-9/IS 13630-5	Min 10 Cycle
Impact Resistance (COR)	Min. 0.55	ISO 10545-5/IS 13630-14	Min 0.55
Frost Resistance	As per Manufacturer	ISO 10545-12/IS 13630-10	Need to comply with the standard
Crazing Resistance At 7.5 bar	4 Cycle	ISO 10545-12/IS 13630-9	4 Cycle

Chemical Properties

Resistance to Staining Glazed	Min. Class 3	ISO 10545-14/IS 13630-8	Min Class 4/Min Class 1
Resistance to Household Chemicals	Min Class GB	ISO 10545-13/IS 13630-8	Min Class GB/Min Class AA
& Swimming Pool Salts Glazed			
Resistance to Low Concentrate Acid and Alkalis Glazed	As per Manufacturer	ISO 10545-13/IS 13630-8	Min Class GLB***/ Min Class A***
Resistance to Low Concentrate Acid and Alkalis Glazed	As per Manufacturer	ISO 10545-13/IS 13630-8	Min Class GLB***/ Min Class A***

Packaging Details

DIMENSION (MM): 600x1200mm	TILES PER BOX: 2 Pcs.	COVERAGE AREA PER BOX: 1.44 Sq. Mtr.	WEIGHT PER BOX (APPROX): 26 Kg.	THICKNESS (APPROX) 8.0MM
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DIAMOND SURFACE

S.NO	DIMENSIONS & SURFACE QUALITY	SPECIFICATIONS AS PER IS15622:2017 STANDARD (GROUP BIB)	Our Values	METHOD OF TEST REF TO PART OF 15 13630
1	Deviation in Length (Rectified)	±0.1%	±0.1%	Part - 1
	b) Deviation in Length (Thickness)	±5%	±4	Part - 1
	Straightness of sides	±0.1%	±0.1%	Part - 1
	d)	±0.1%	±0.1%	Part - 1
	e) Surface Flatness	±0.5%	±0.2%	Part - 1
	f) Surface Quality	Minimum 95%	>99%	Part - 1
S.NO	PHYSICAL PROPERTIES	SPECIFICATIONS AS PER IS15622:2017 STANDARD (GROUP BIB)	OUR VALUES	METHOD OF TEST REF TO PART OF 15 13630
2	a) Water Absorption	Average 0.08<E≤3% Individual 3.3% Max	<0.08%	Part - 2
	b) Modulus of Rupture in N/mm ²	Average 30, Individual 27, Min	>35	Part - 6
	c) Breaking Strength in N	1100, Minimum	1800 Min	Part - 6
	d) Moisture Expansion in mm/m	0.02 Max	0.01	Part - 3
	e) Scratch Hardness of Surface (Moh's Scale)	5 Min	>6	Part - 13
	f) Resistance to Surface of Glazed Tiles Class I to V	Class II Min	Class V	Part - 11
	g) Coefficient of Linear Expansion to 100 °c (K1)	7x10 Max	5x10	Part - 4
	h) Thermal Shock Resistance	10 Cycles, Min	Passed	Part - 5
	i) Craze Resistance	4 Cycles	Passed	Part - 9
	j) Impact Resistance	0.55, Min	0.7	Part - 14
	k) Bulk Density in g/cc	2.0, Min	2.5	Part - 2
S.NO	CHEMICAL PROPERTIES	SPECIFICATIONS AS PER IS15622:2017 STANDARD (GROUP BIB)	OUR VALUES	METHOD OF TEST REF TO PART OF 15 13630
3	a) Resistance to Staining	Class 1, Min	Passed	Part - 8
	b) Resistance to Household Chemicals	Class AA, Min	Passed	Part - 8
	c) Resistance to Acids & Alkalies	Required	Passed	Part - 8

PACKING DETAILS

DIMENSION (MM):
600 X 600 mm

TILES PER BOX: 4 Pcs

COVERAGE AREA
PER BOX: 1,44Sq.Mtr.

WEIGHT PER BOX
(APPROX): 26.5 Kg.

THICKNESS
(APPROX): 8.0MM

SUPER COOL TILES

S.NO	DIMENSIONS & SURFACE QUALITY	SPECIFICATIONS AS PER IS15622:2017 STANDARD (GROUP BIB)	OUR VALUES	METHOD OF TEST REF TO PART OF 15 13630
1	Deviation in Length (Rectified)	±0.1%	±0.1%	Part - 1
	b) Deviation in Length (Thickness)	±5%	±4	Part - 1
	Straightness of sides	±0.1%	±0.1%	Part - 1
	d) Rectangularity (Rectified)	±0.1%	±0.1%	Part - 1
	e) Surface Flatness	±0.5%	±0.2%	Part - 1
	f) Surface Quality	Minimum 95%	>99%	Part - 1
S.NO	PHYSICAL PROPERTIES	SPECIFICATIONS AS PER IS15622:2017 STANDARD (GROUP BIB)	OUR VALUES	METHOD OF TEST REF TO PART OF 15 13630
2	a) Water Absorption	Average $0.08 < E \leq 3\%$ Individual 3.3% Max	<3%	Part - 2
	b) Modulus of Rupture in N/mm ²	Average 30, Individual 27, Min	>30	Part - 6
	c) Breaking Strength in N	1200, Minimum	1500, Min	Part - 6
	d) Moisture Expansion in mm/m	0.04 Max	0.01	Part - 3
	e) Scratch Hardness of Surface (Moh's Scale)	4 Min	>6	Part - 13
	f) Resistance to Surface of Glazed Tiles Class I to V	Class II Min	Class III Min	Part - 11
	g) Coefficient of Linear Expansion to 100 °c (K1)	9x10-6 Max	5x10-6	Part - 4
	h) Thermal Shock Resistance	10 Cycles, Min	Passed	Part - 5
	i) Craze Resistance	4 Cycles	Passed	Part - 9
	k) Bulk Density in g/cc	2.0, Min	2.2	Part - 14
S.NO	CHEMICAL PROPERTIES	SPECIFICATIONS AS PER IS15622:2017 STANDARD (GROUP BIB)	OUR VALUES	METHOD OF TEST REF TO PART OF 15 13630
3	Resistance to Staining	Class 1, Min	Passed	Part - 8
	b) Resistance to Household Chemicals	Class AA, Min	Passed	Part - 8
	c) Resistance to Acids & Alkalies	Required	Passed	Part - 8

PACKING DETAILS

DIMENSION (MM):
300 X 300 mm

TILES PER BOX: 10 Pcs

COVERAGE AREA
PER BOX: 0.9 Sq.Mtr.

WEIGHT PER BOX
(APPROX): 18 Kg.

THICKNESS
(APPROX): 9.0MM



ACPL, No. 354/2, Kundrathur Road, Porur, Chennai-600116
Mobile: 9551295070 | 9382005050