



Levita

400x400mm

HEAVY DUTY VITRIFIED PARKING TILES

12_{mm}
ULTRATHICK OUTDOOR VITRIFIED TILES

< 0.10
WATER ABSORPTION

Levita
40x40_{cm}
HEAVY DUTY VITRIFIED TILES

RESISTANT AND FUNCTIONAL VITRIFIED TILES
ESPECIALLY DESIGNED FOR OUTDOOR USE

Levita



WE PURSUED
EXCELLENCE,
LEADERSHIP
FOLLOWED.

Features :



FLOOR TILES



HIGHER THICKNESS



WATER ABSORPTION
←0.10%



RECTIFIED



RESISTANT TO STAINS



ANTISLIP



HIGHLY UV RESISTANT



RESISTANT TO SCRATCHES



EASY TO CLEAN



FROST RESISTANCE



RANDOM TILES



RESISTANCE TO HIGH TEMPERATURES

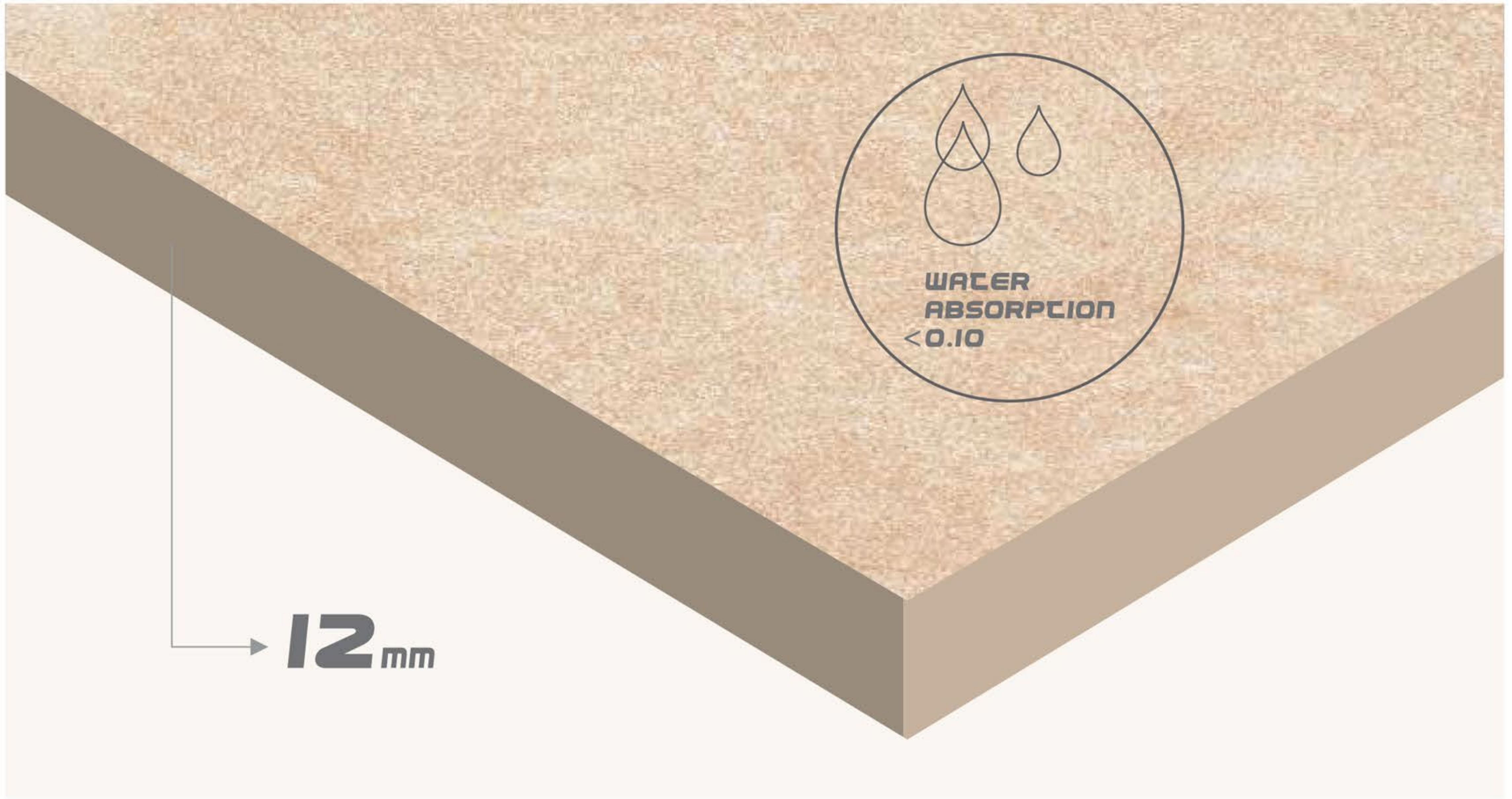


HEAVY LOAD BEARING



HIGH MECHANICAL RESISTANCE

40x40_{cm}
HEAVY DUTY VITRIFIED TILES



One of the most important conditions to create aesthetic and functional space is to choose materials suitable for the space. In particular, floors that are the mostly commonly used parts of the outdoor spaces are an important factor to ensure that the conditions in the space meet the needs.

Levita Heavy Duty vitrified tiles can be safely used in all internal and external spaces that are exposed to high load and pedestrian traffic. They are safely used in pedestrian traffic area, vehicular movement area, terraces, balconies, roof sunbathing areas, veranda, seaside, beach, swimming pools, side walk, metros, airports, train stations, industrial buildings, parking lots, underpasses, villa gardens, distribution companies, call centers, educational buildings etc...

Application Areas :

	
PATHS AND WALKWAYS	SWIMMING POOLS AND ADJACENT AREAS
	
TERRACES	PARKING AREAS, TRANSITABLE AREAS
	
BEACH ESTABLISHMENTS	PUBLIC PARKS AND GARDENS
	
STREET FURNISHINGS	INDUSTRIAL AREAS

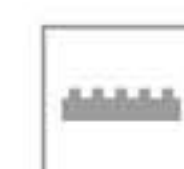




FLOOR



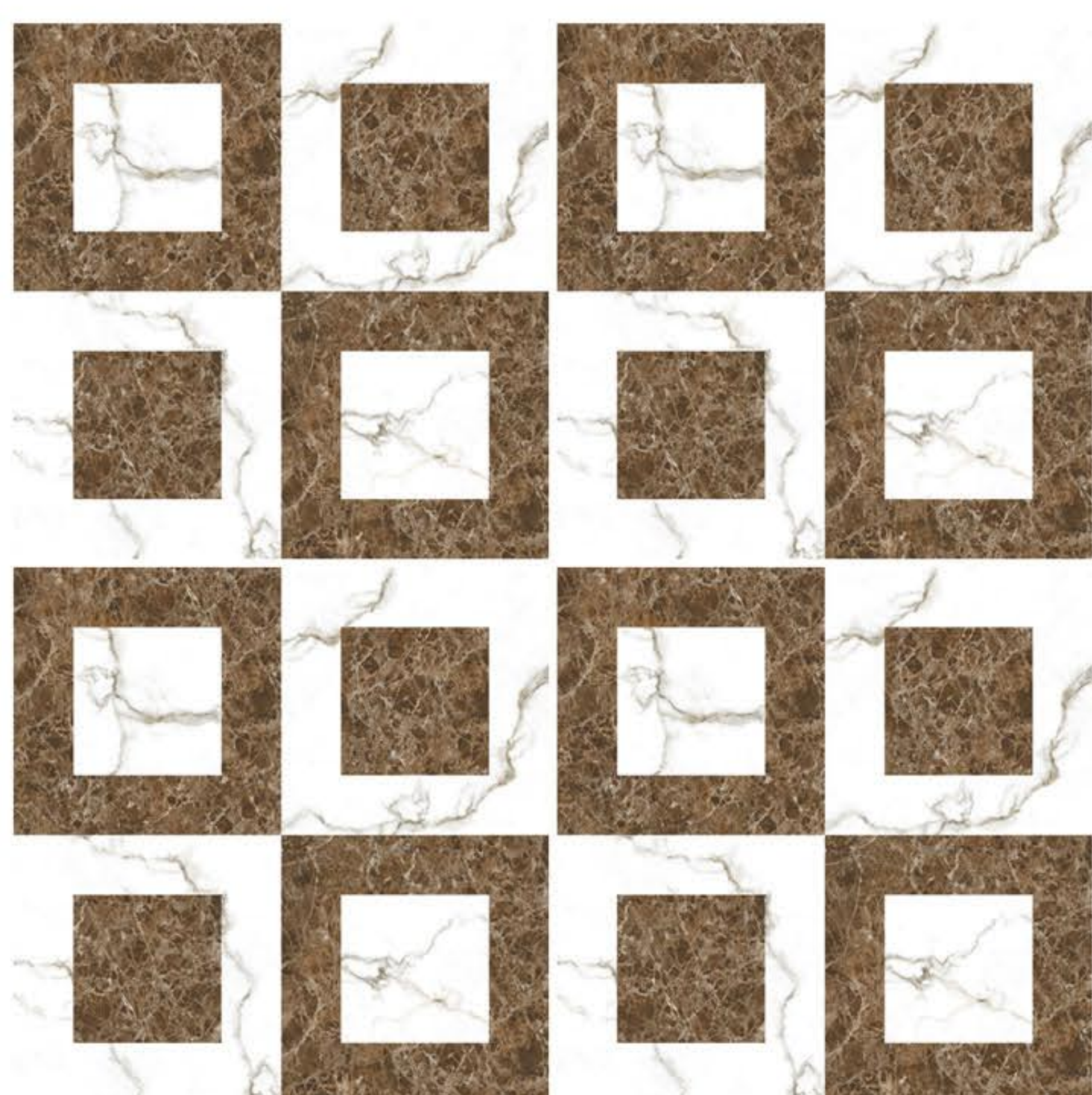
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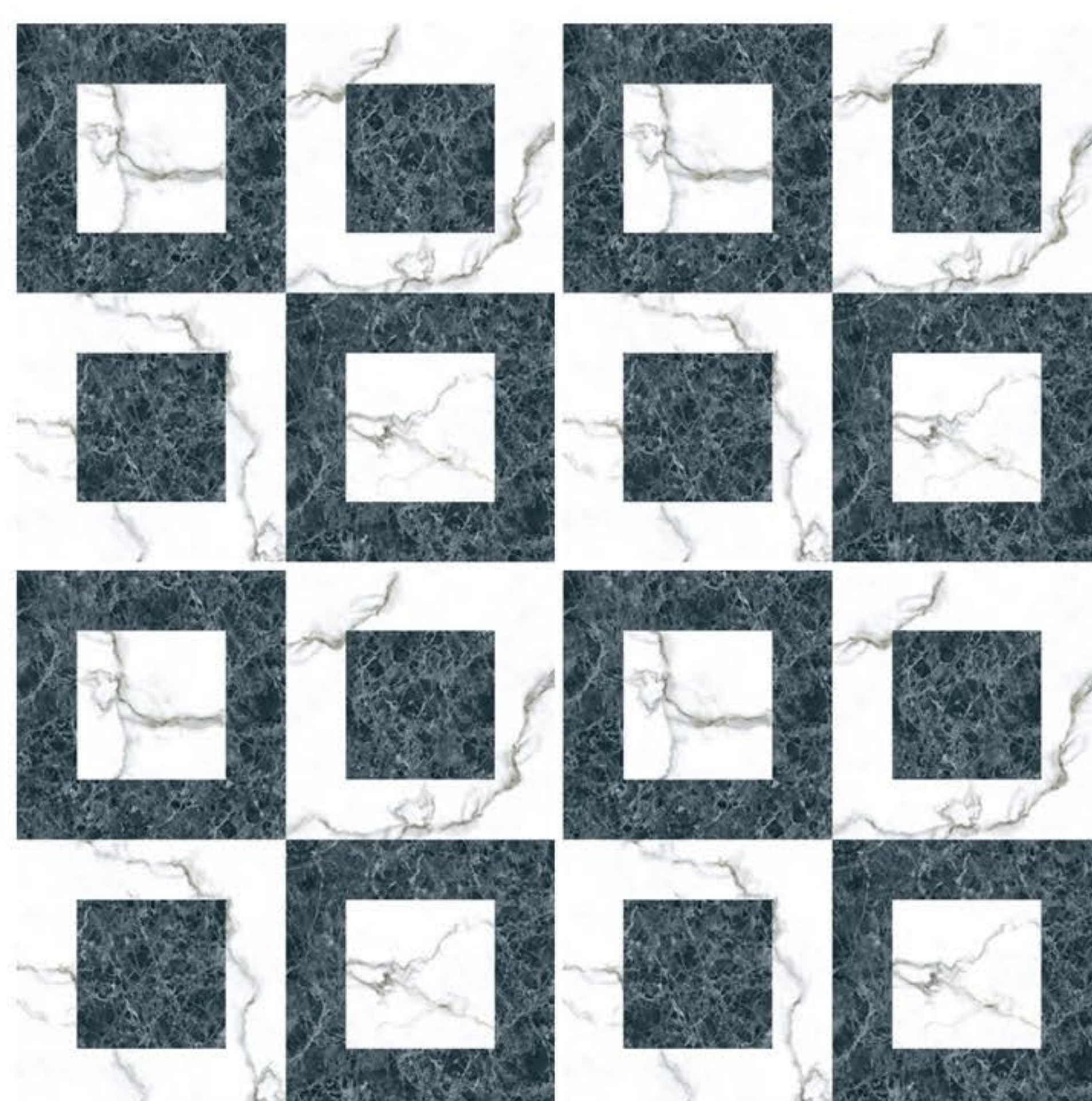
RELIEF



MATT



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FLOOR



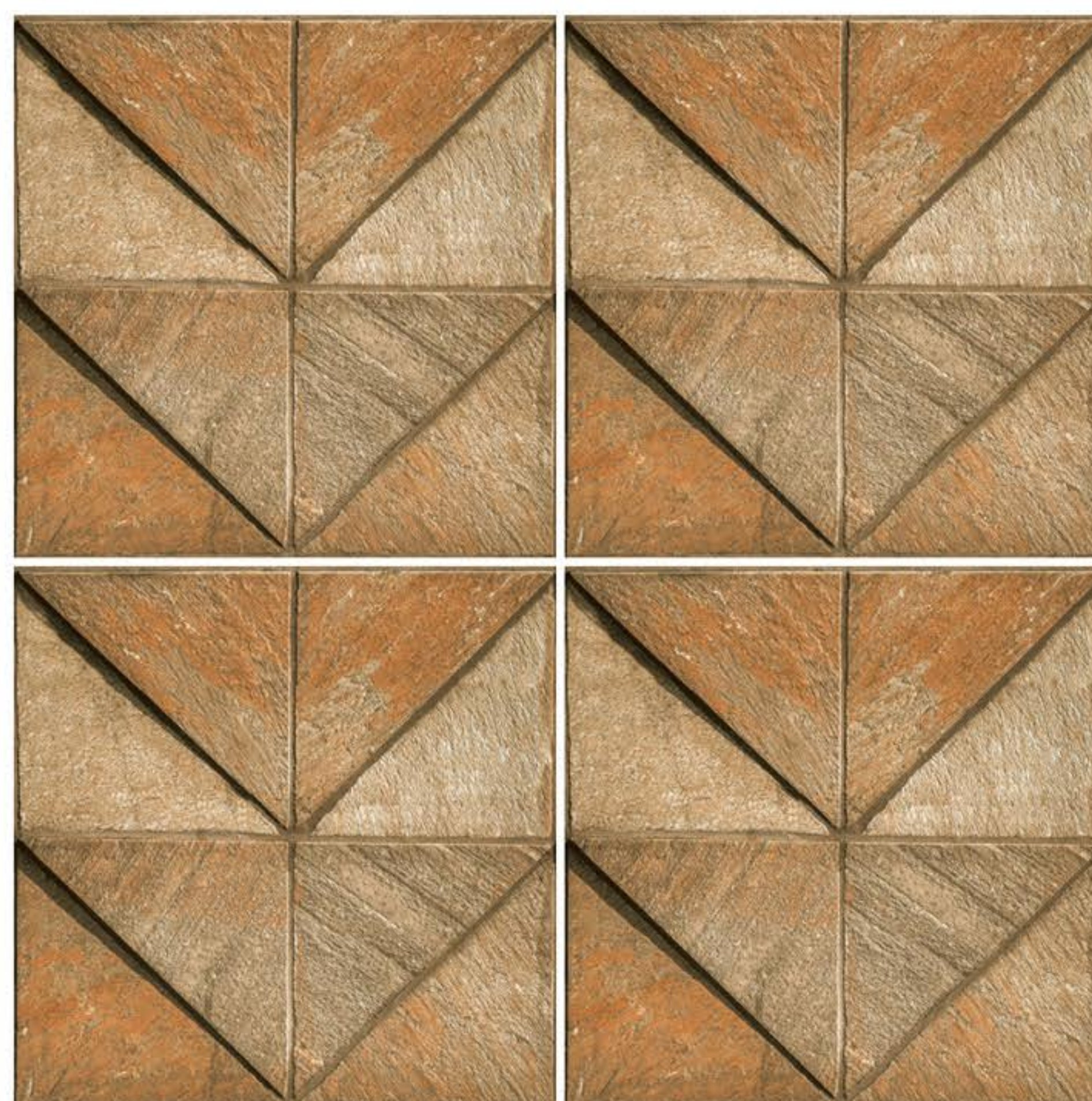
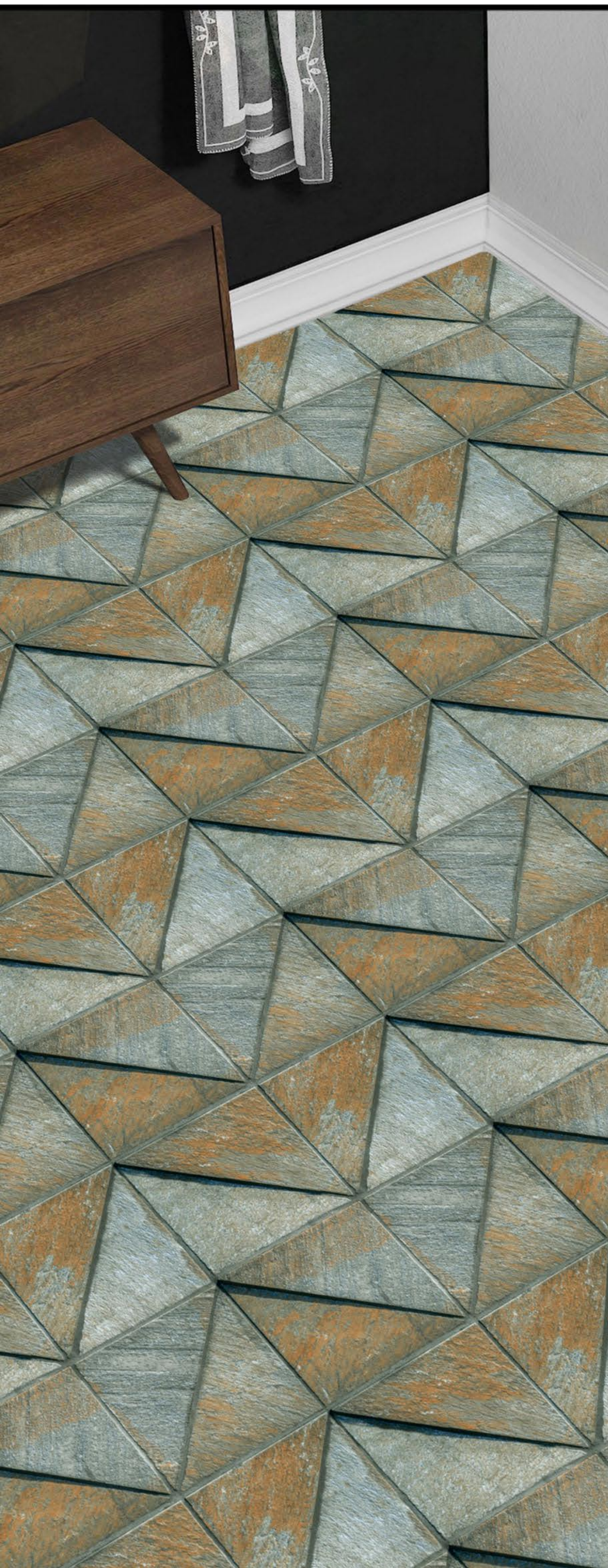
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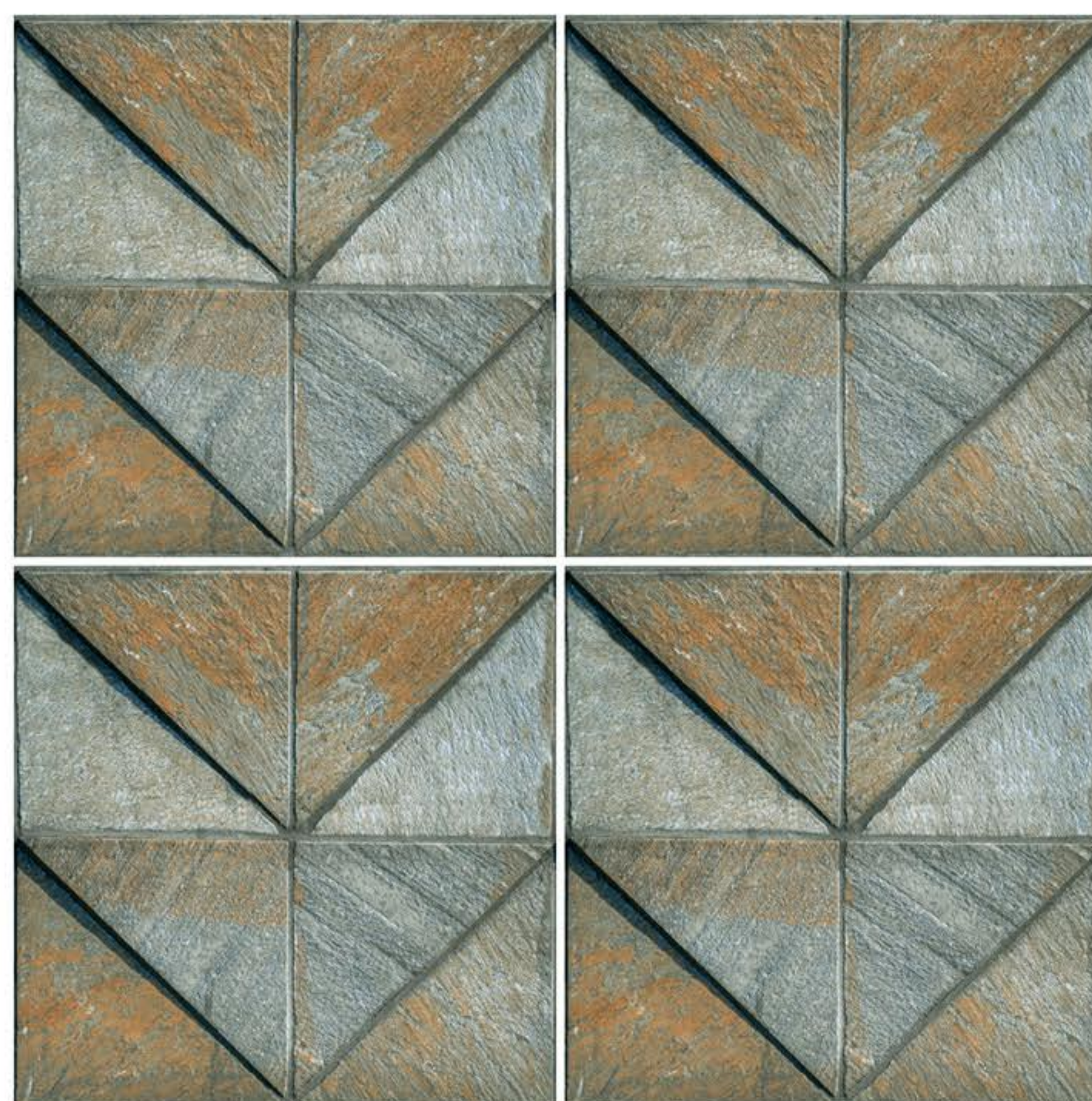
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FLOOR



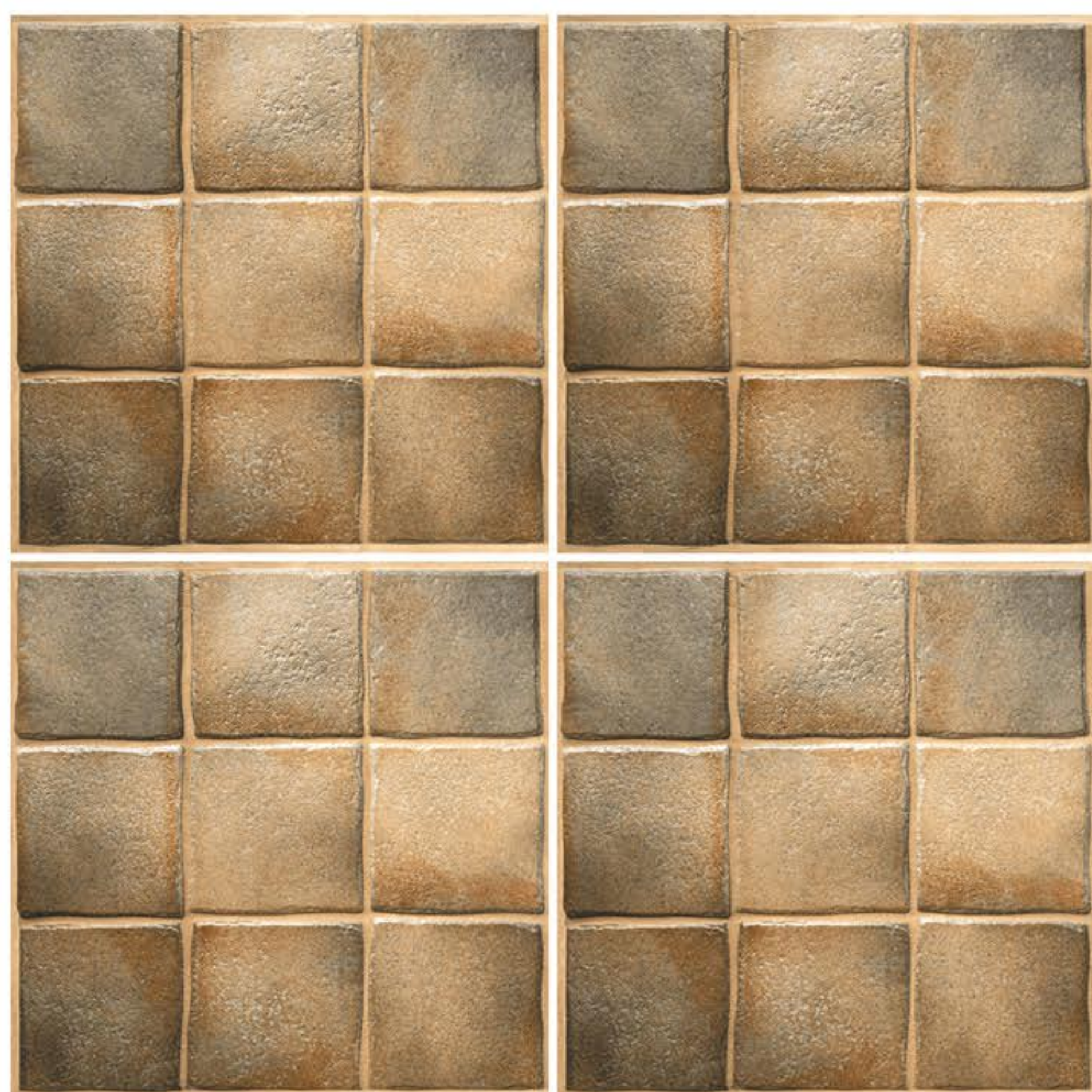
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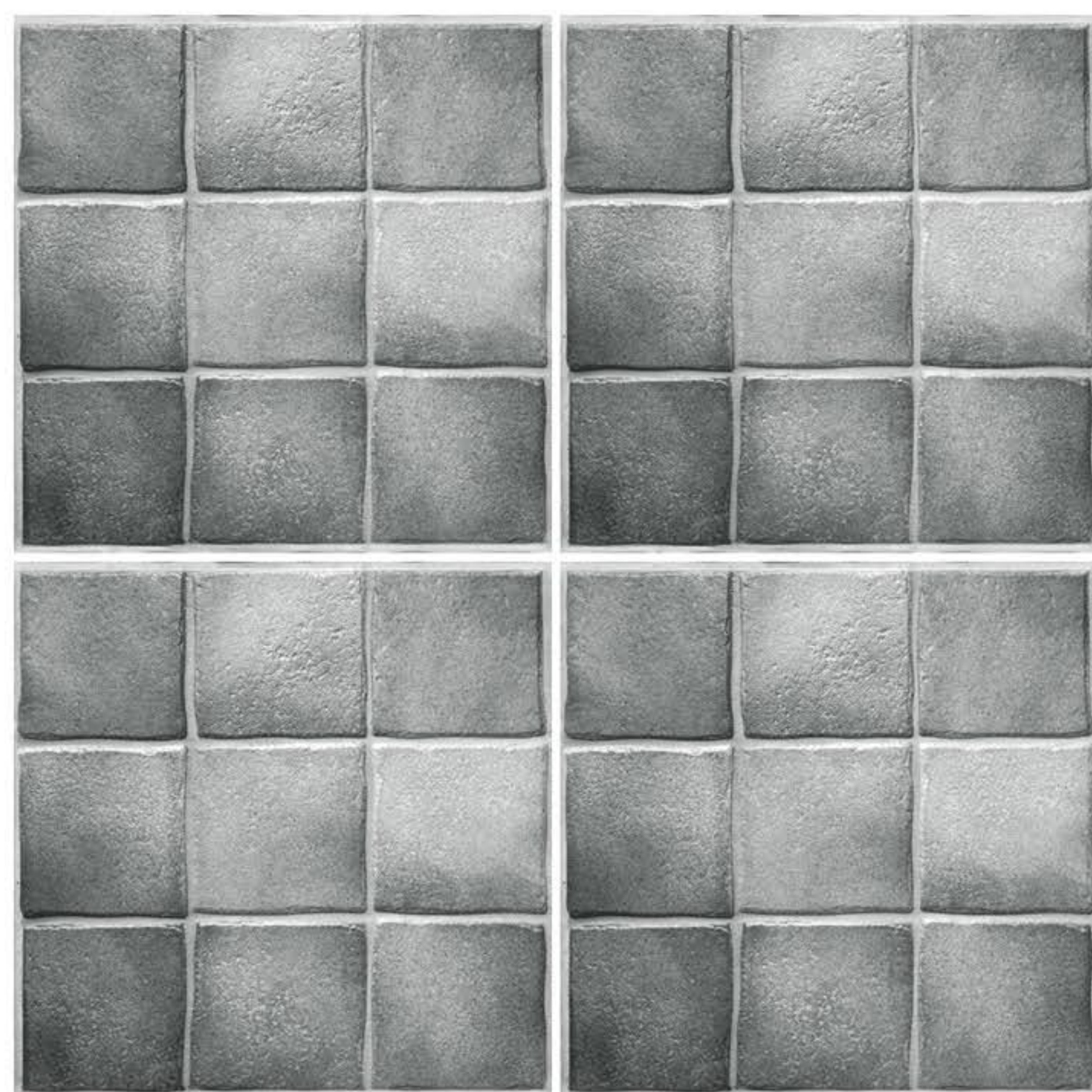
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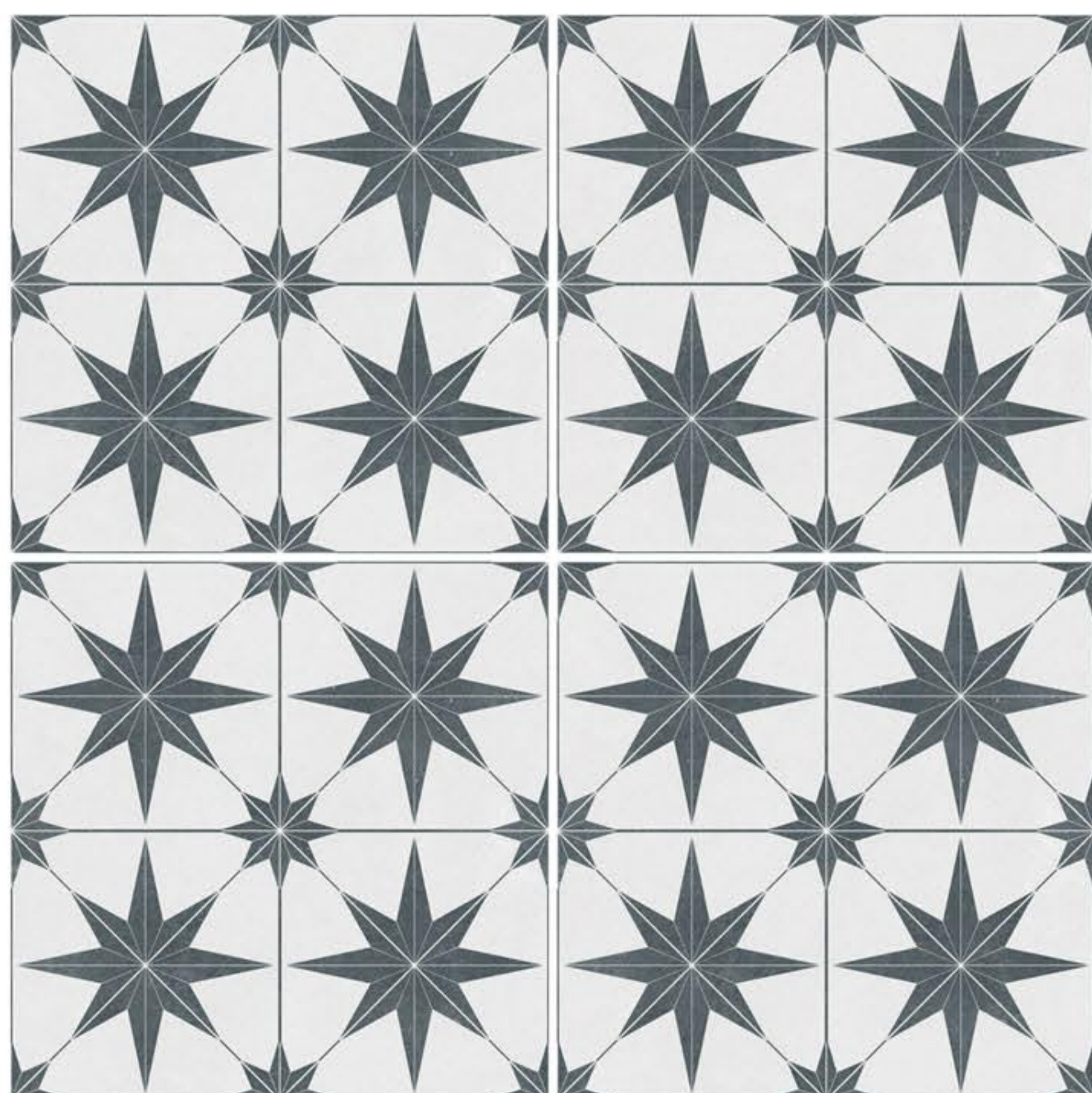
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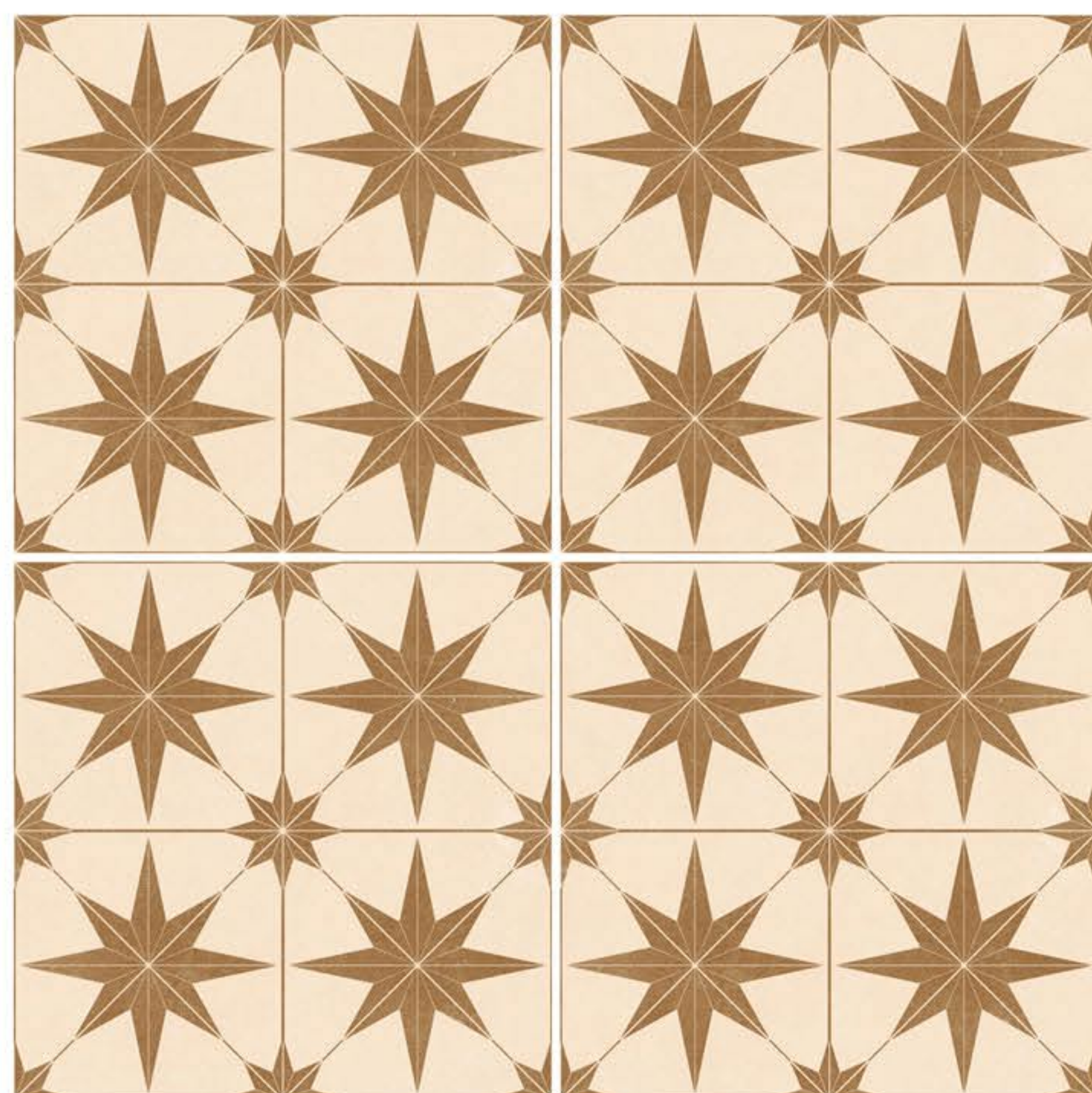
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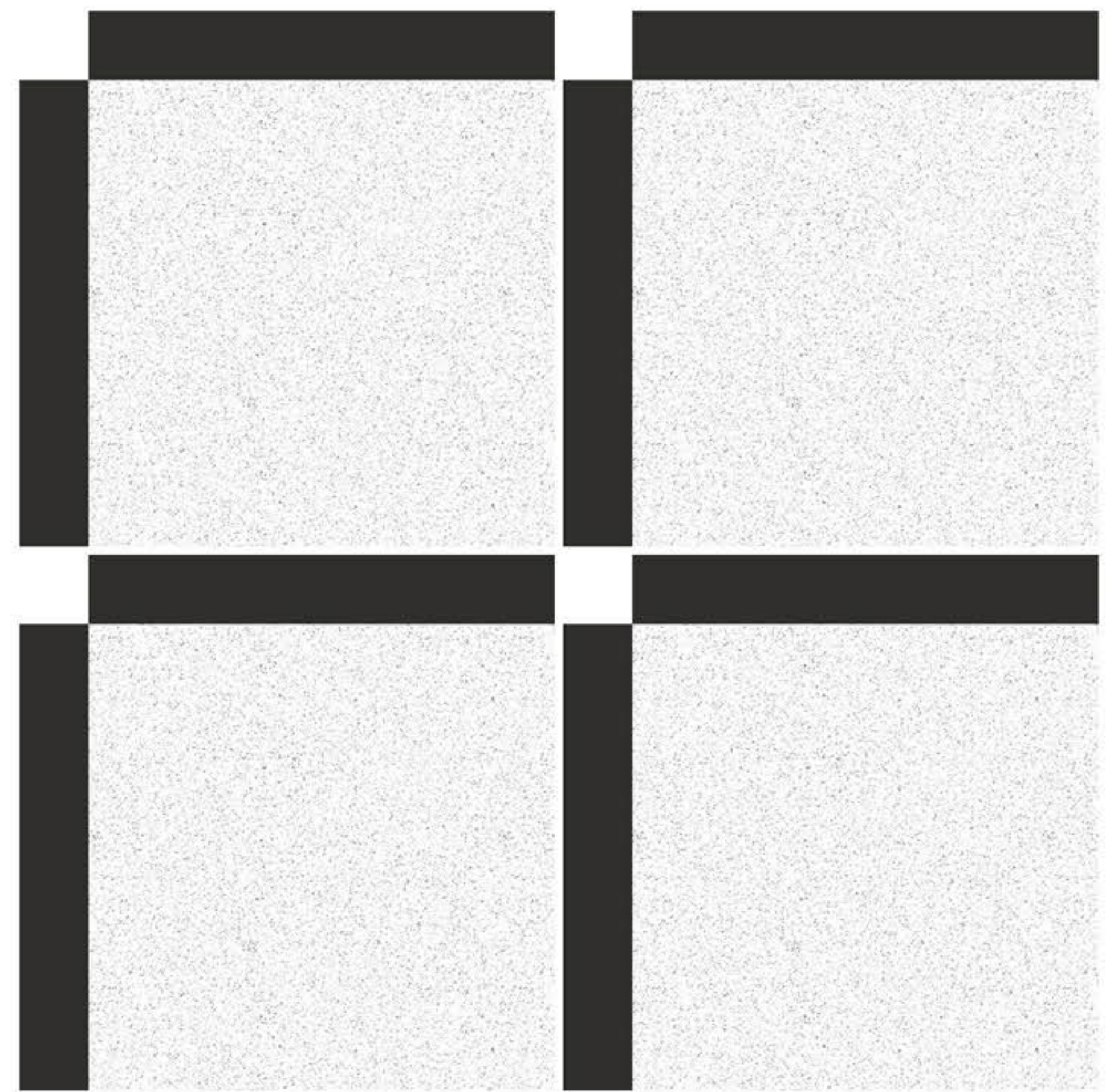
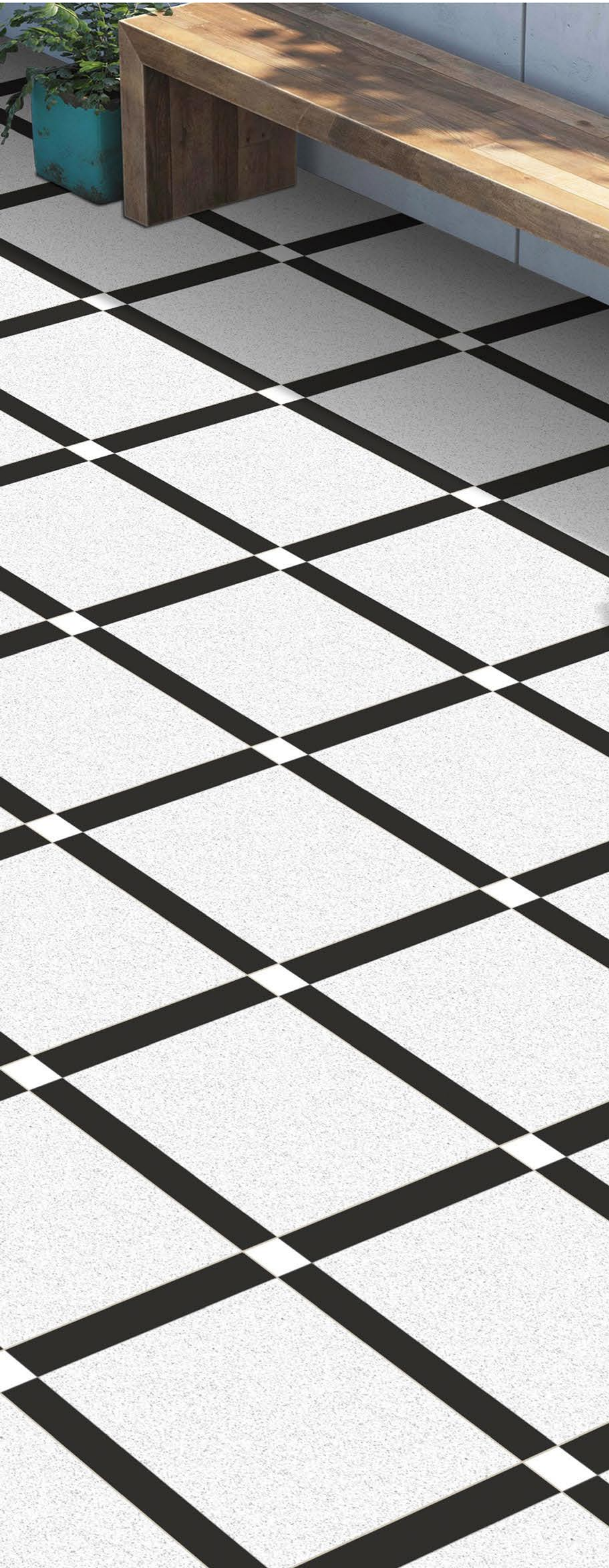
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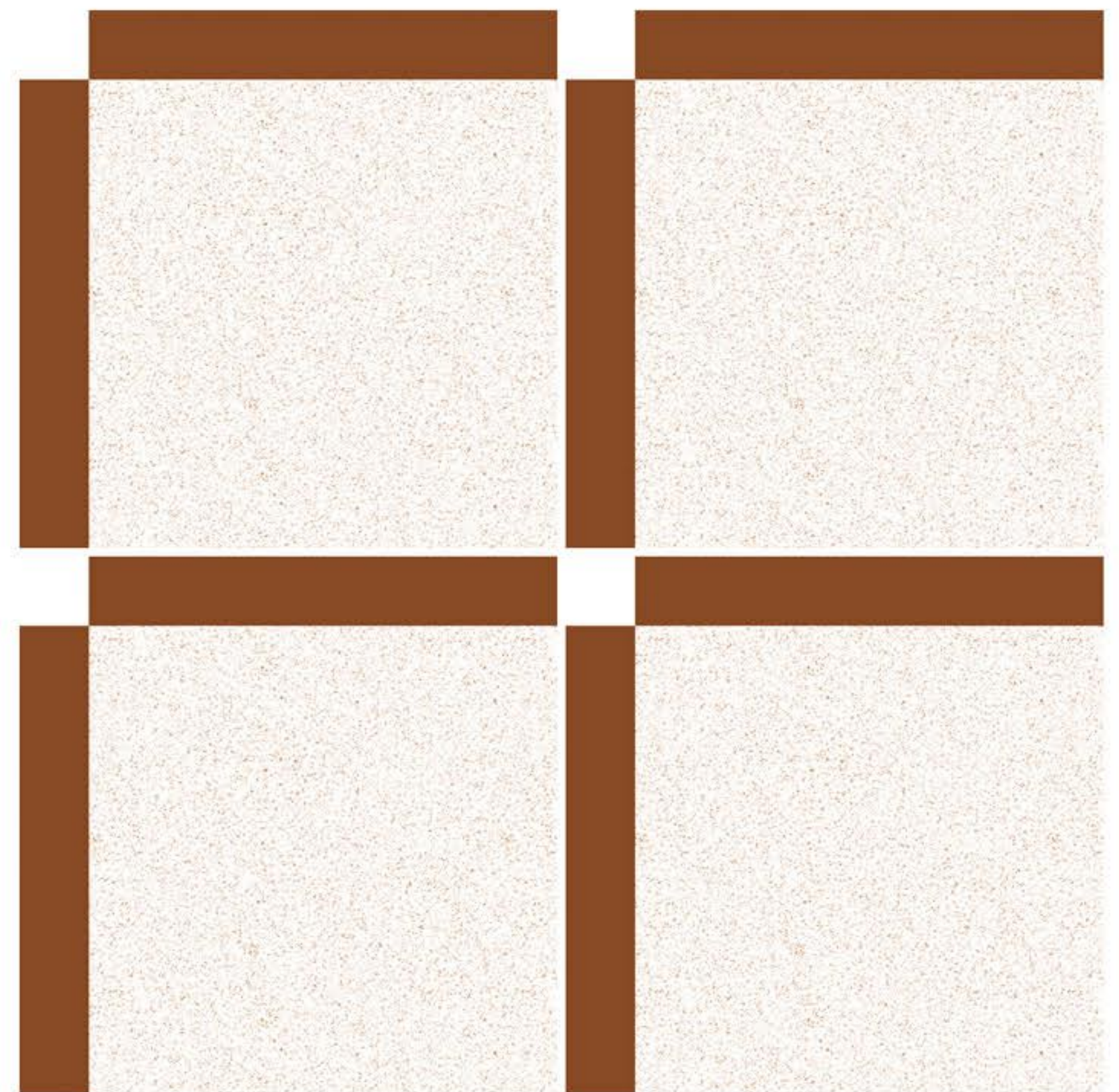
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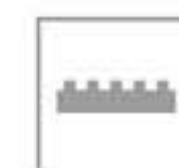
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FLOOR



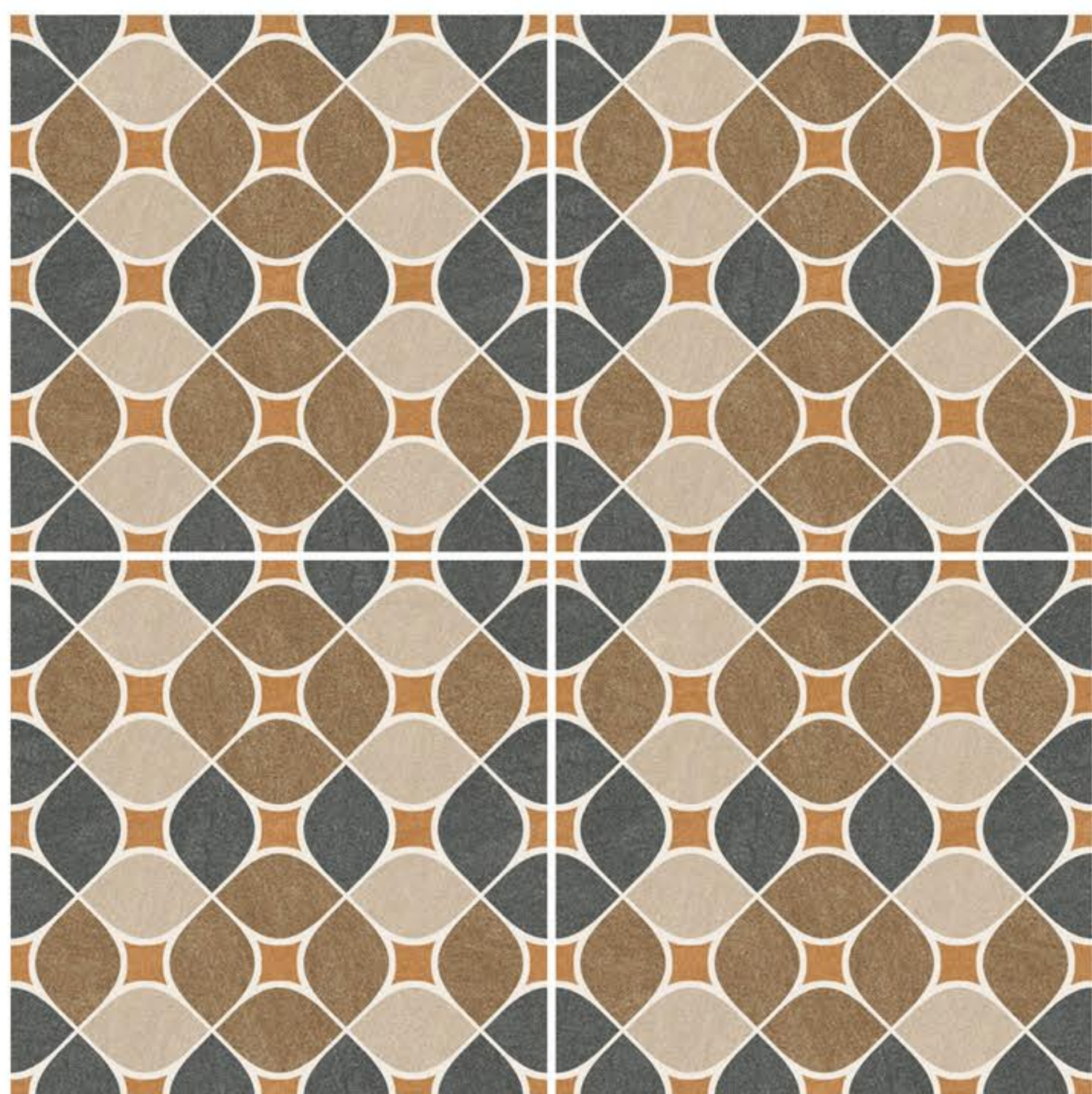
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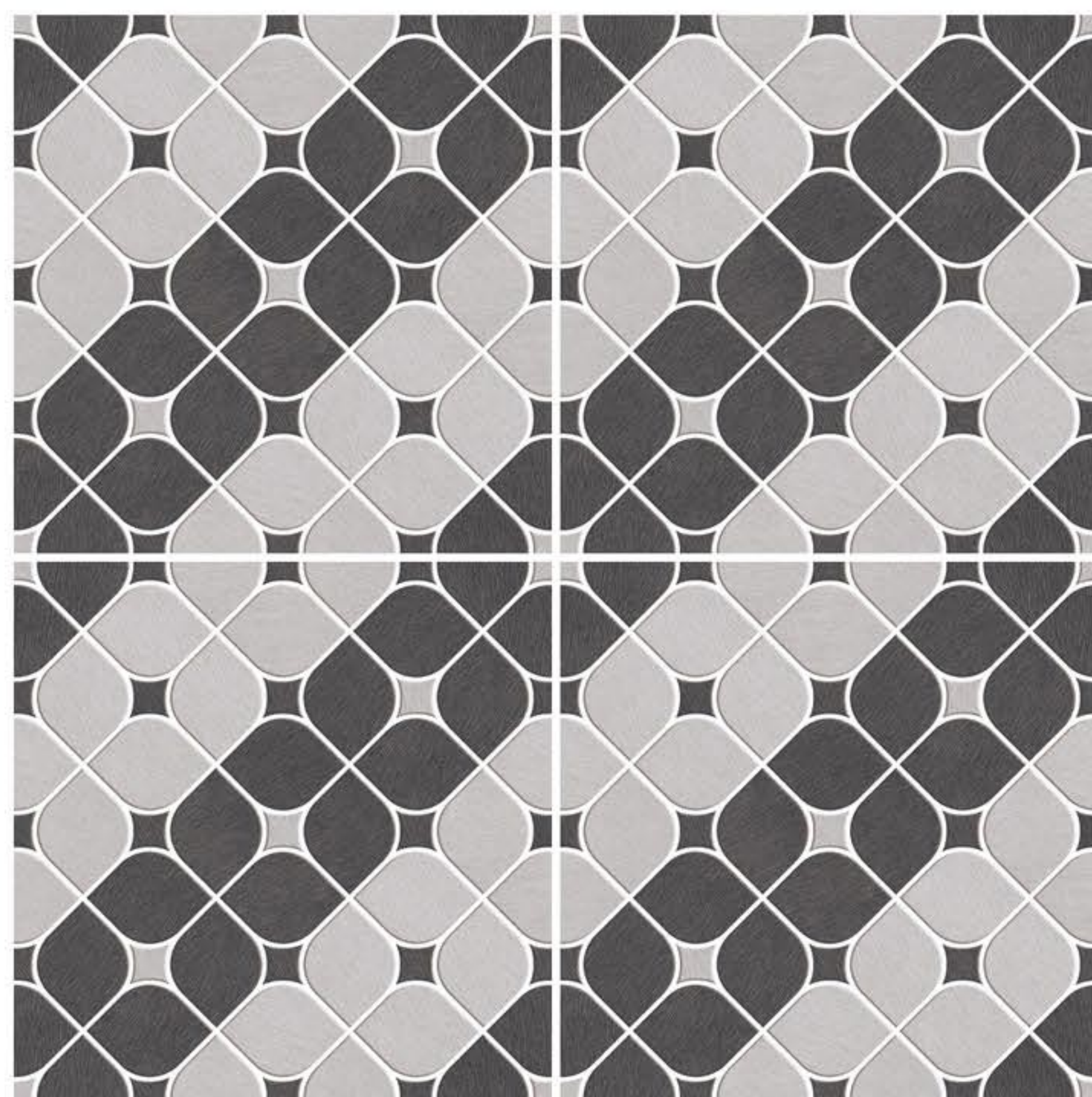
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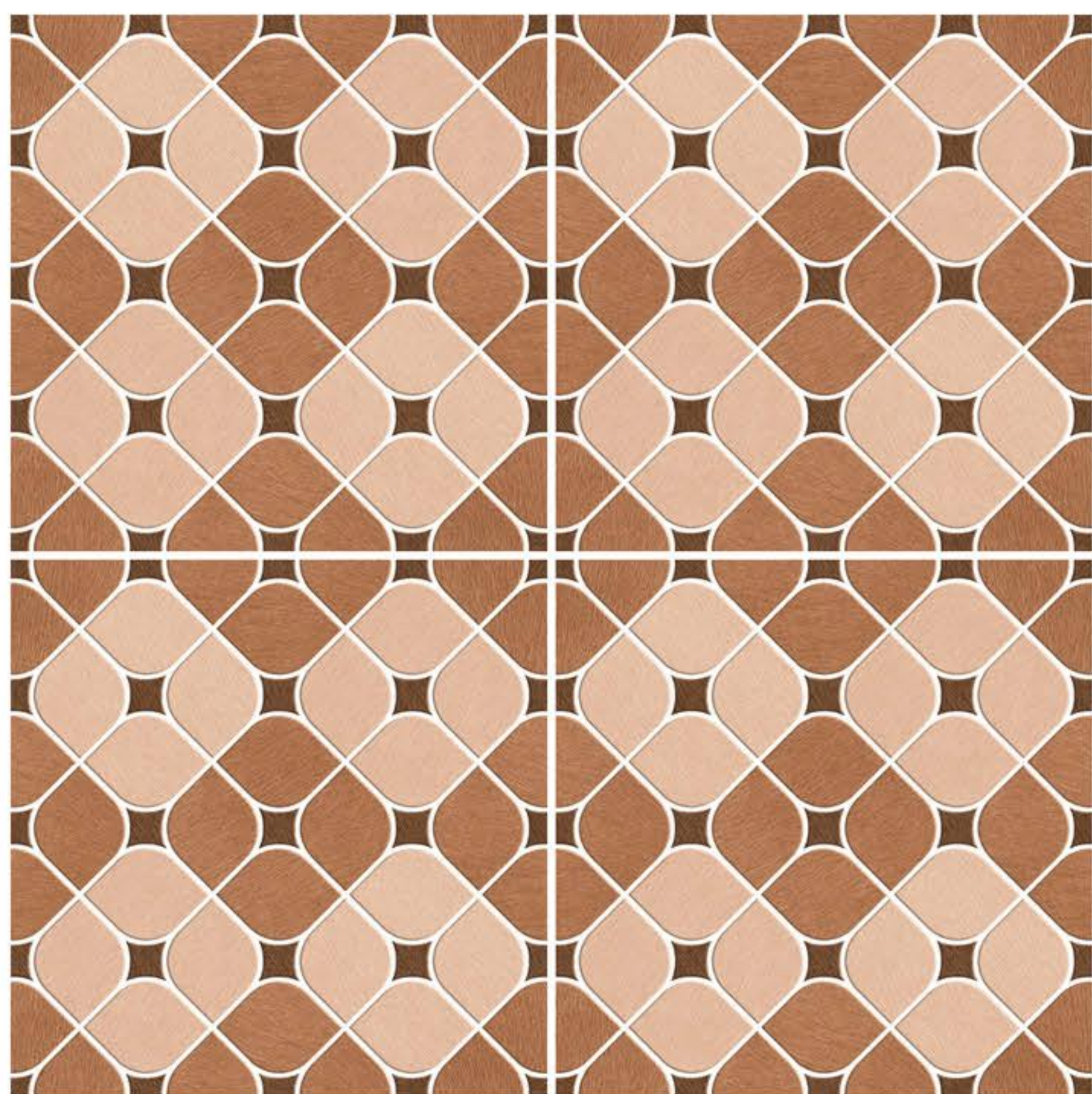
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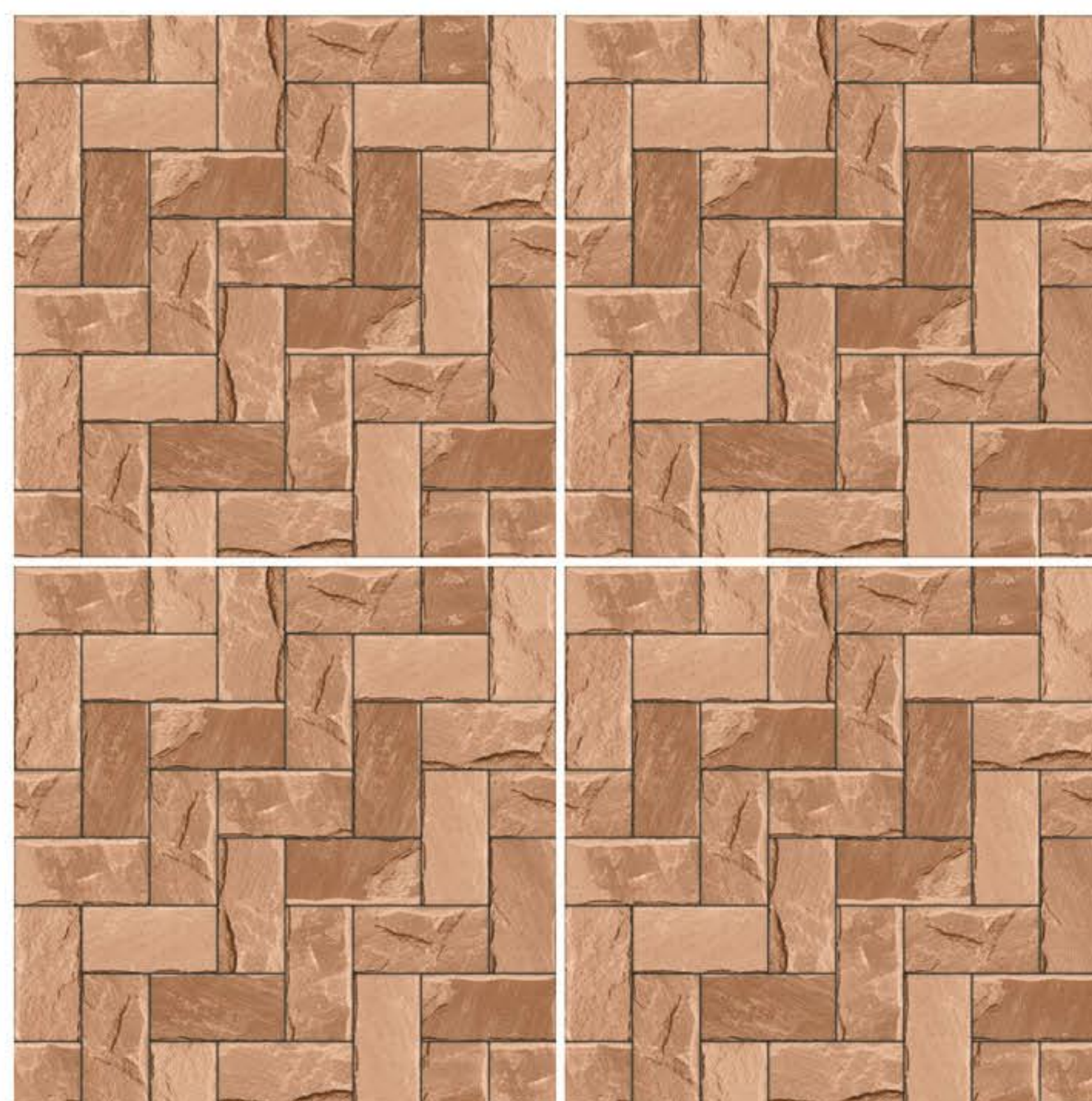
RANDOM



RELIEF



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FLOOR



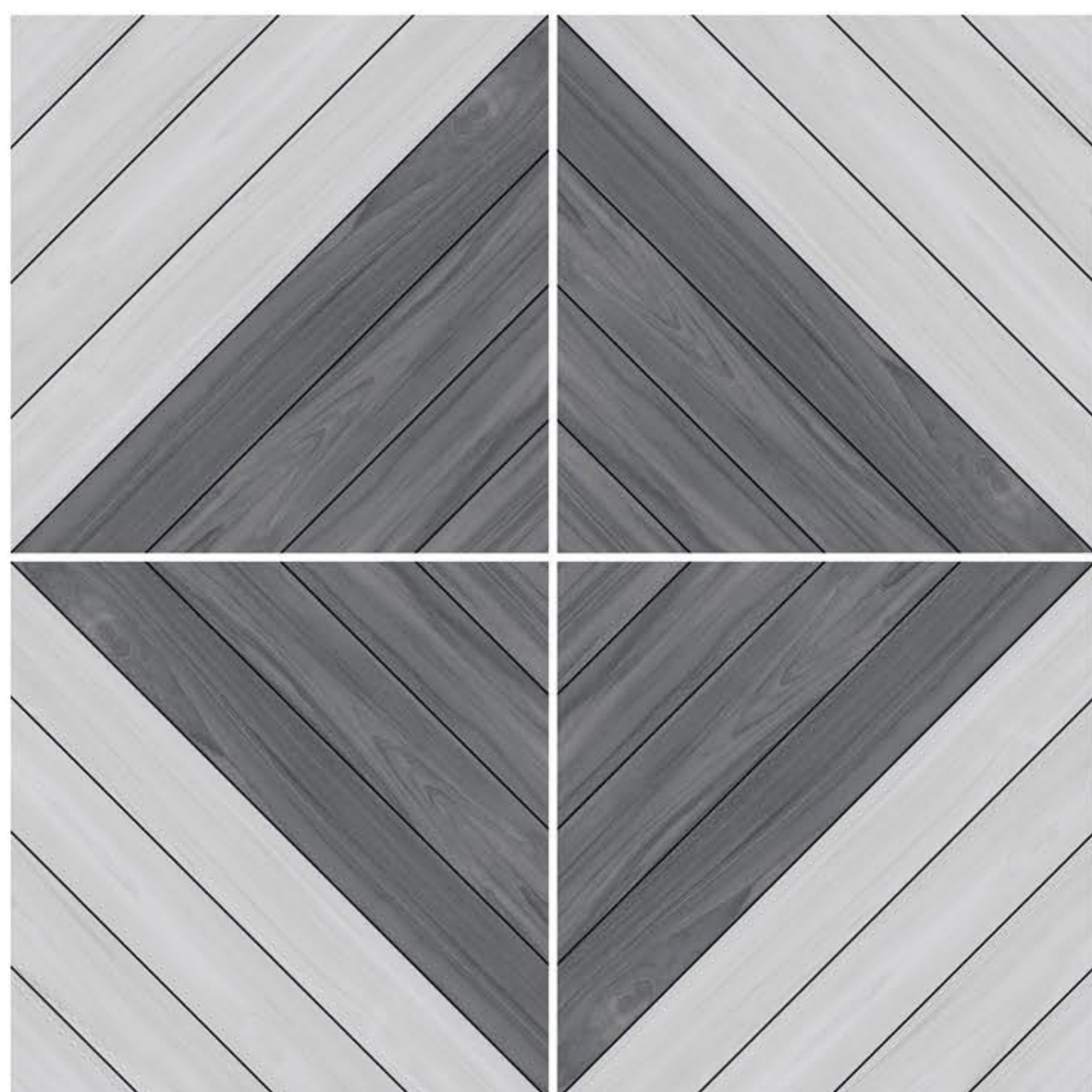
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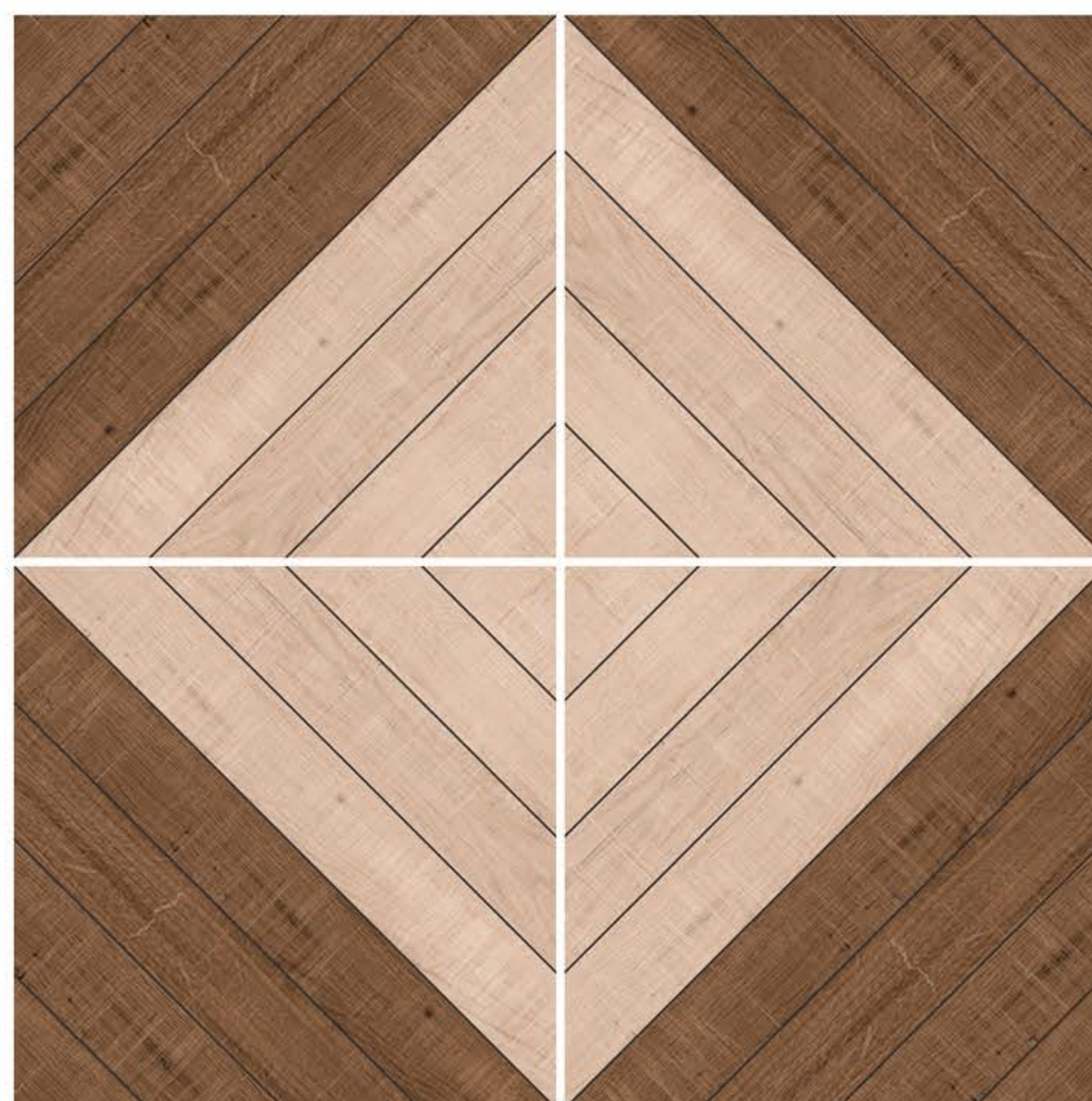
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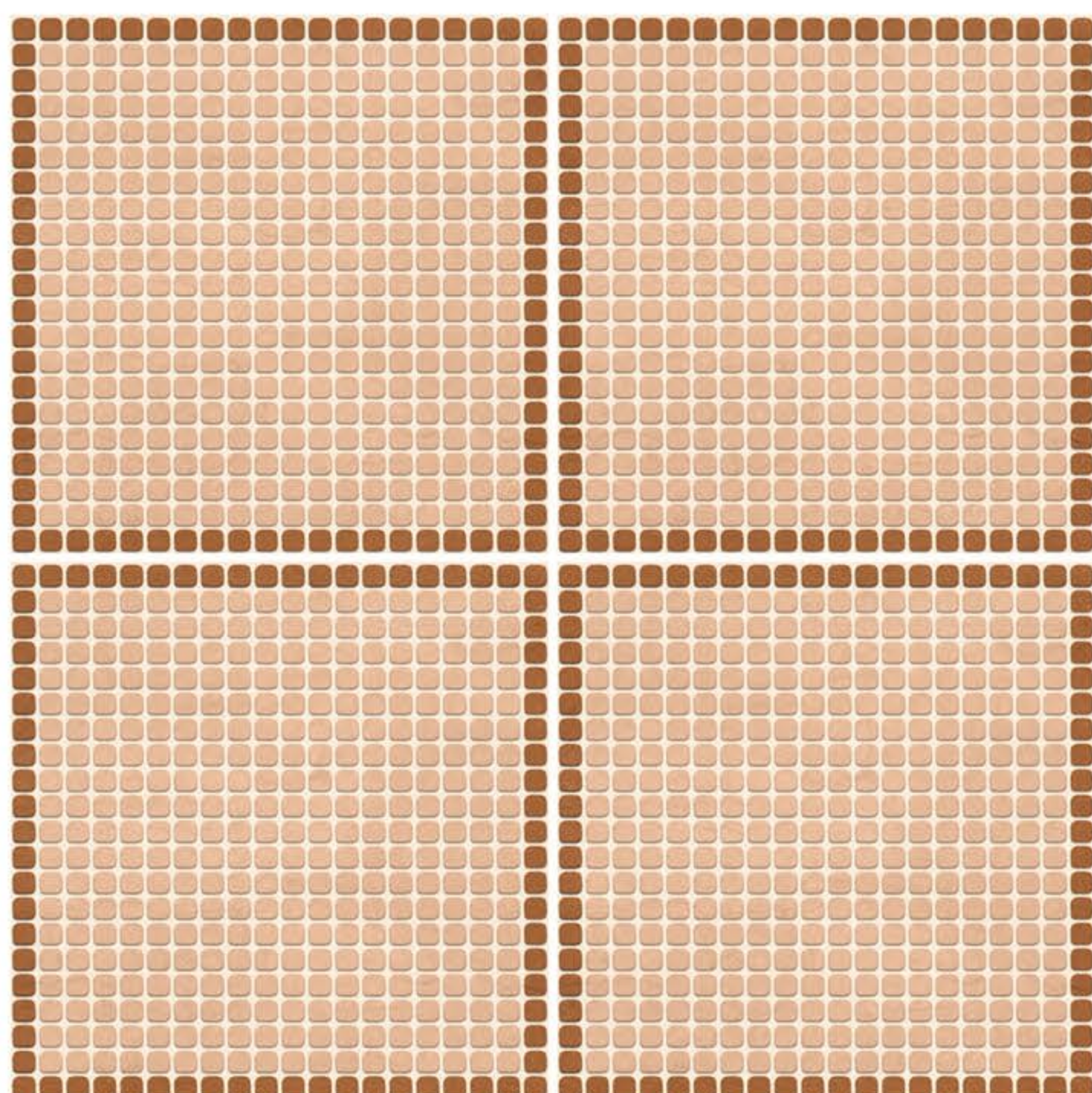
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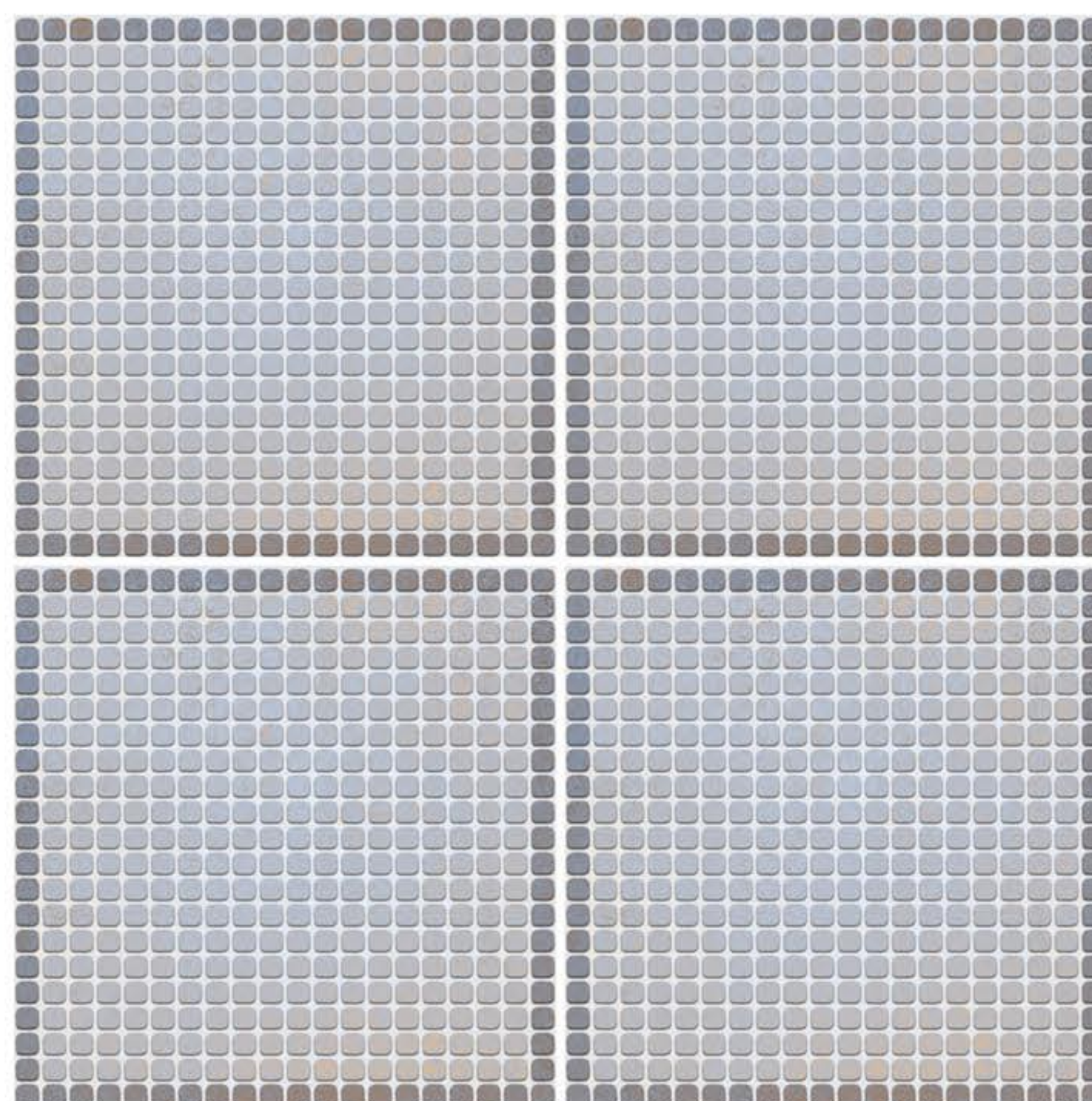
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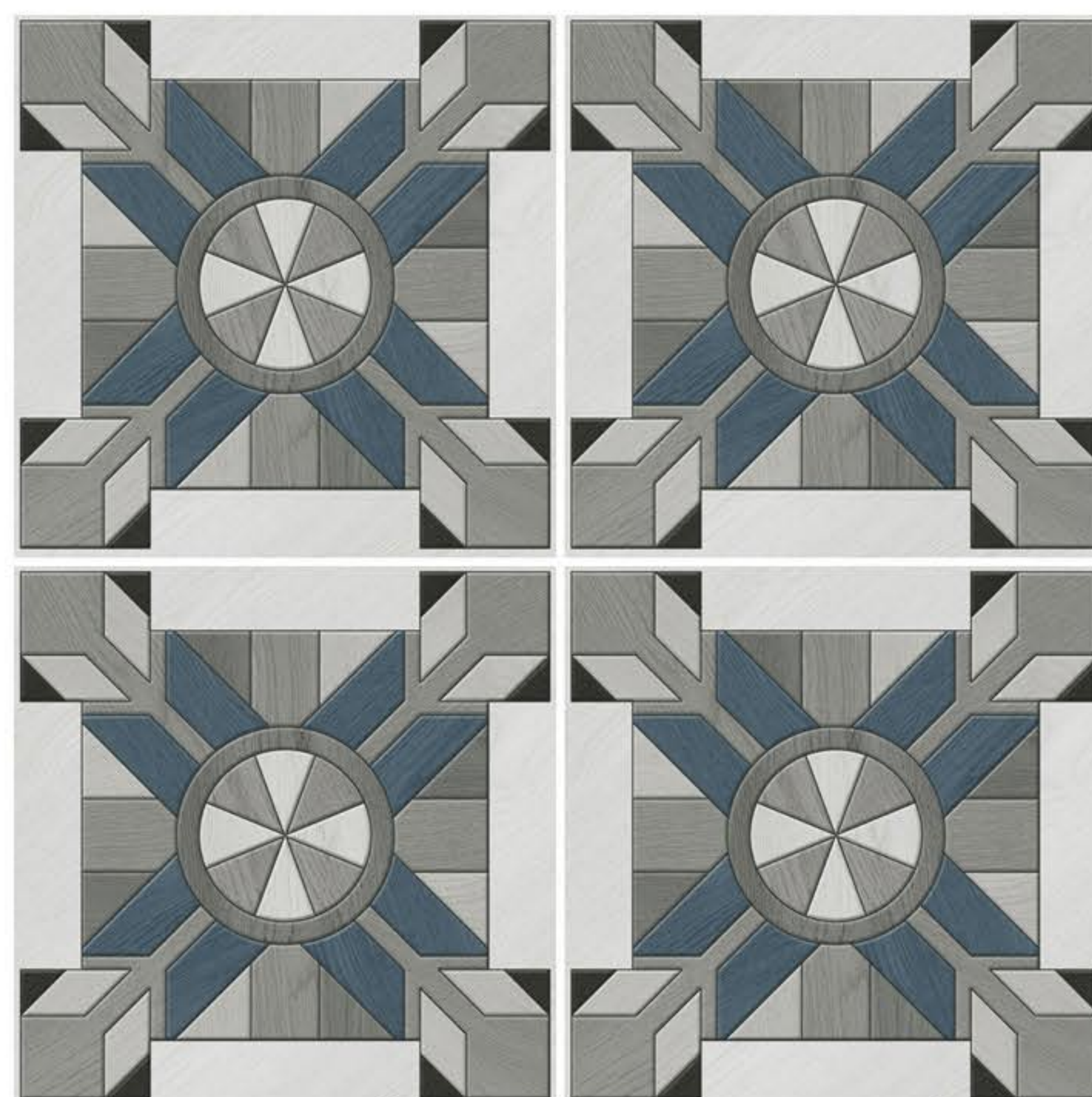
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FLOOR



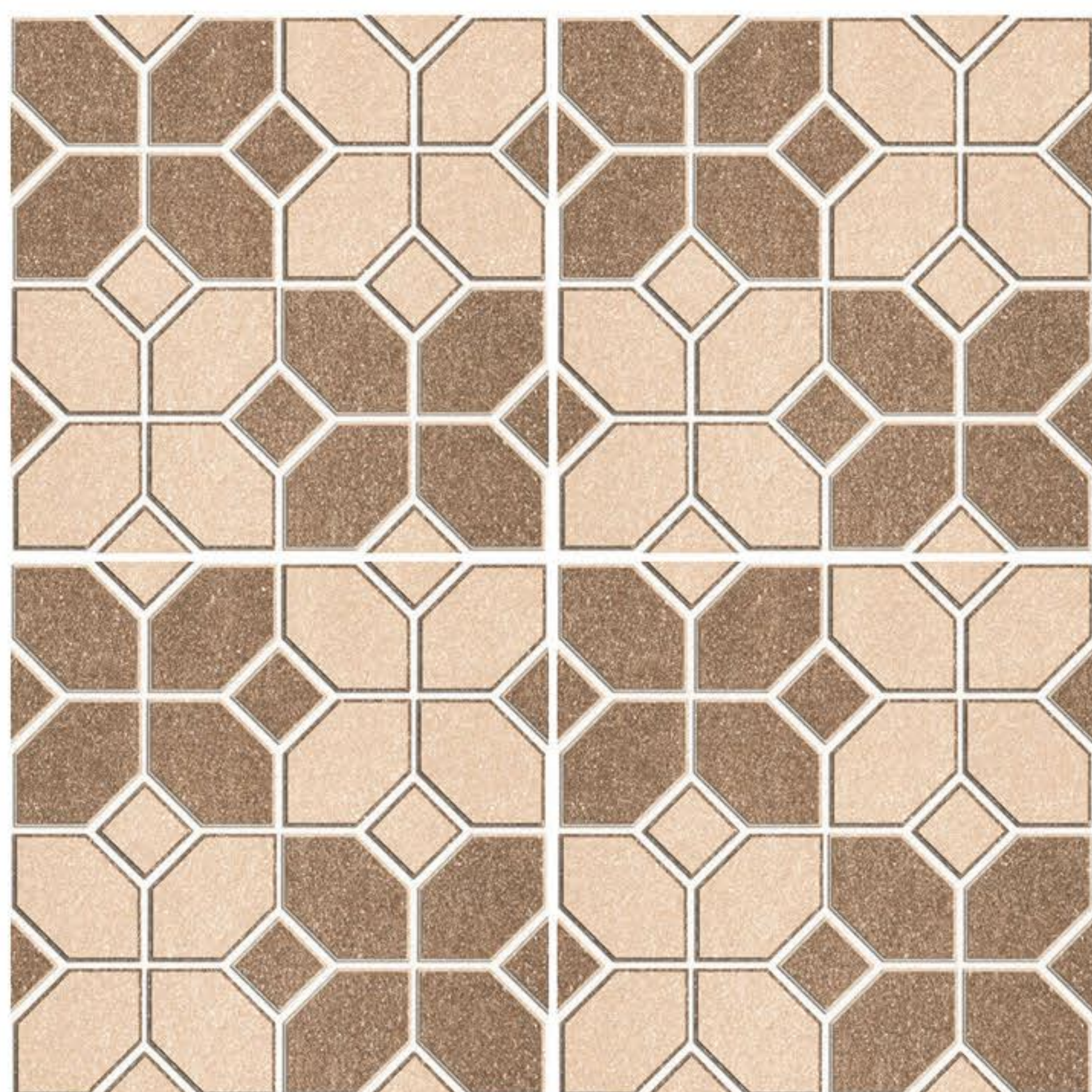
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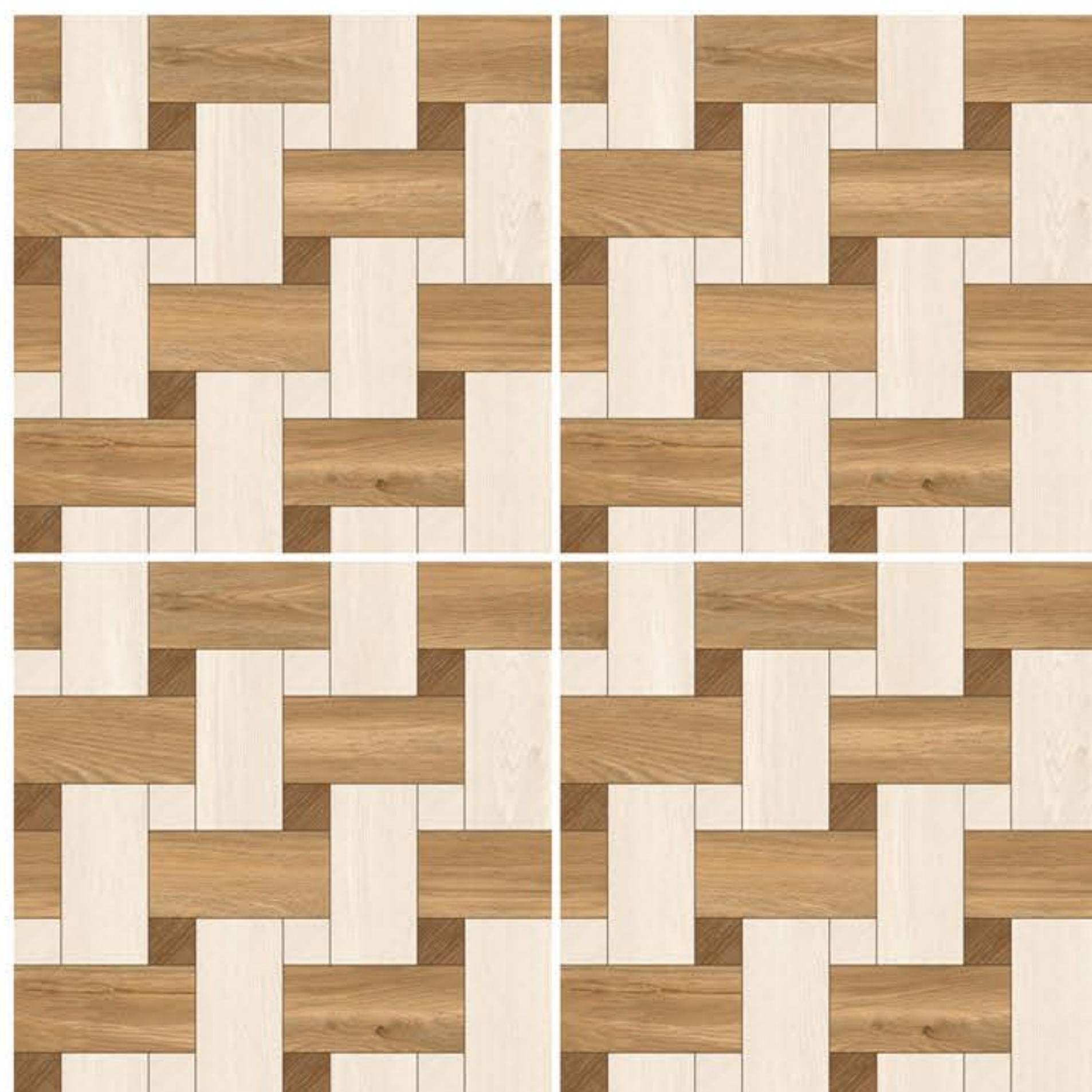
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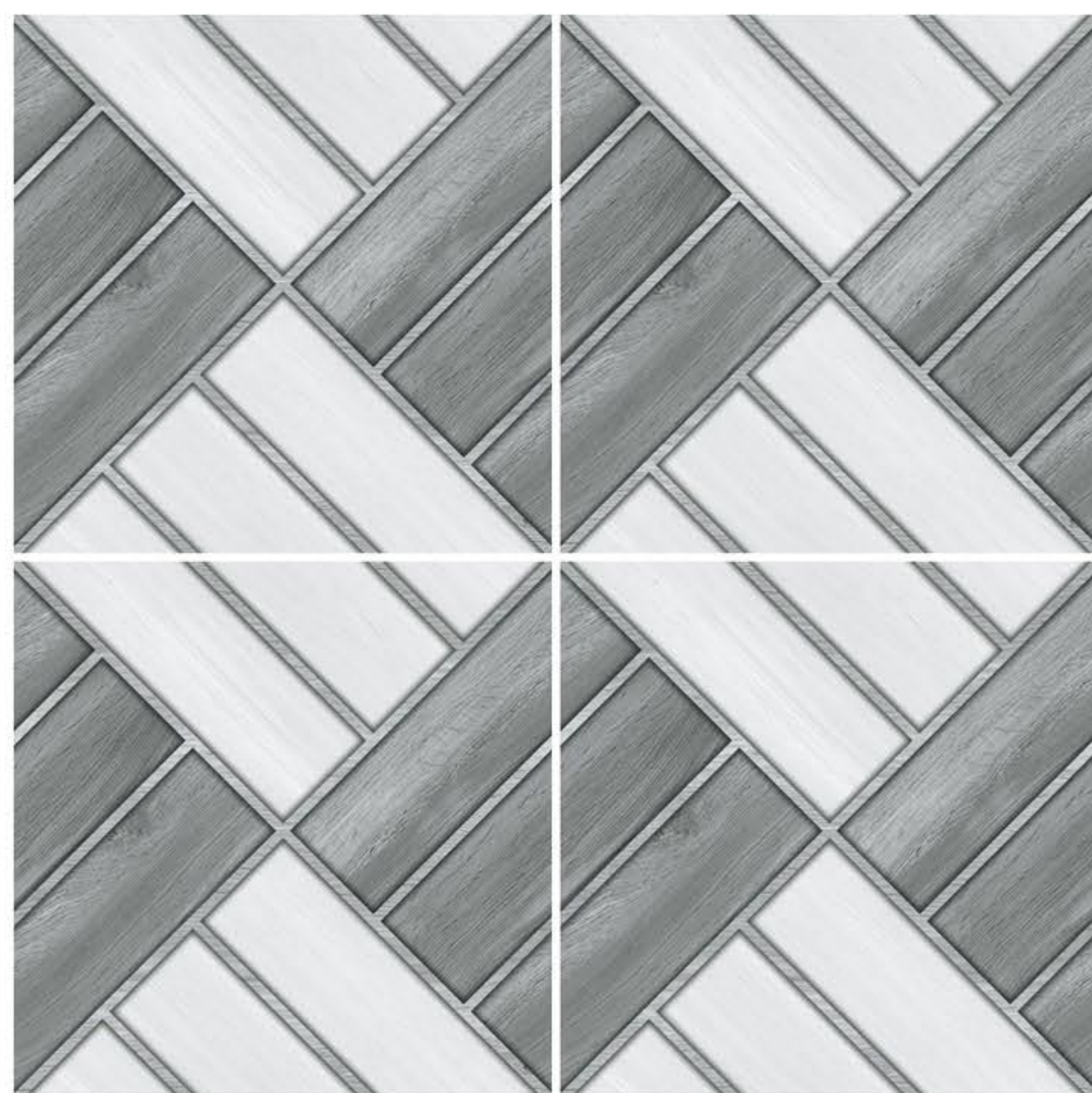
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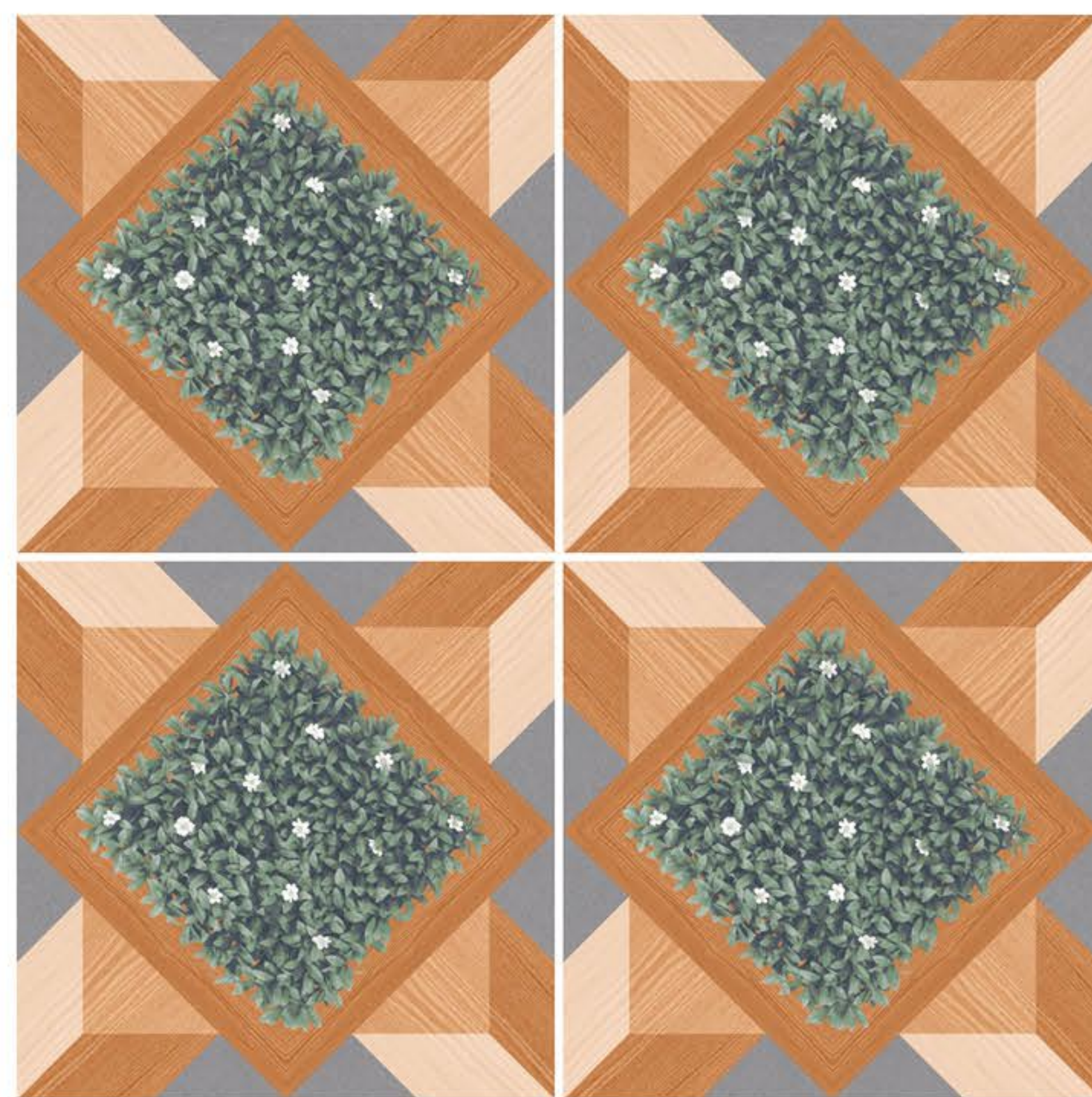
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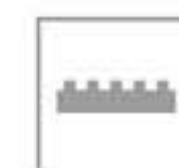
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FLOOR



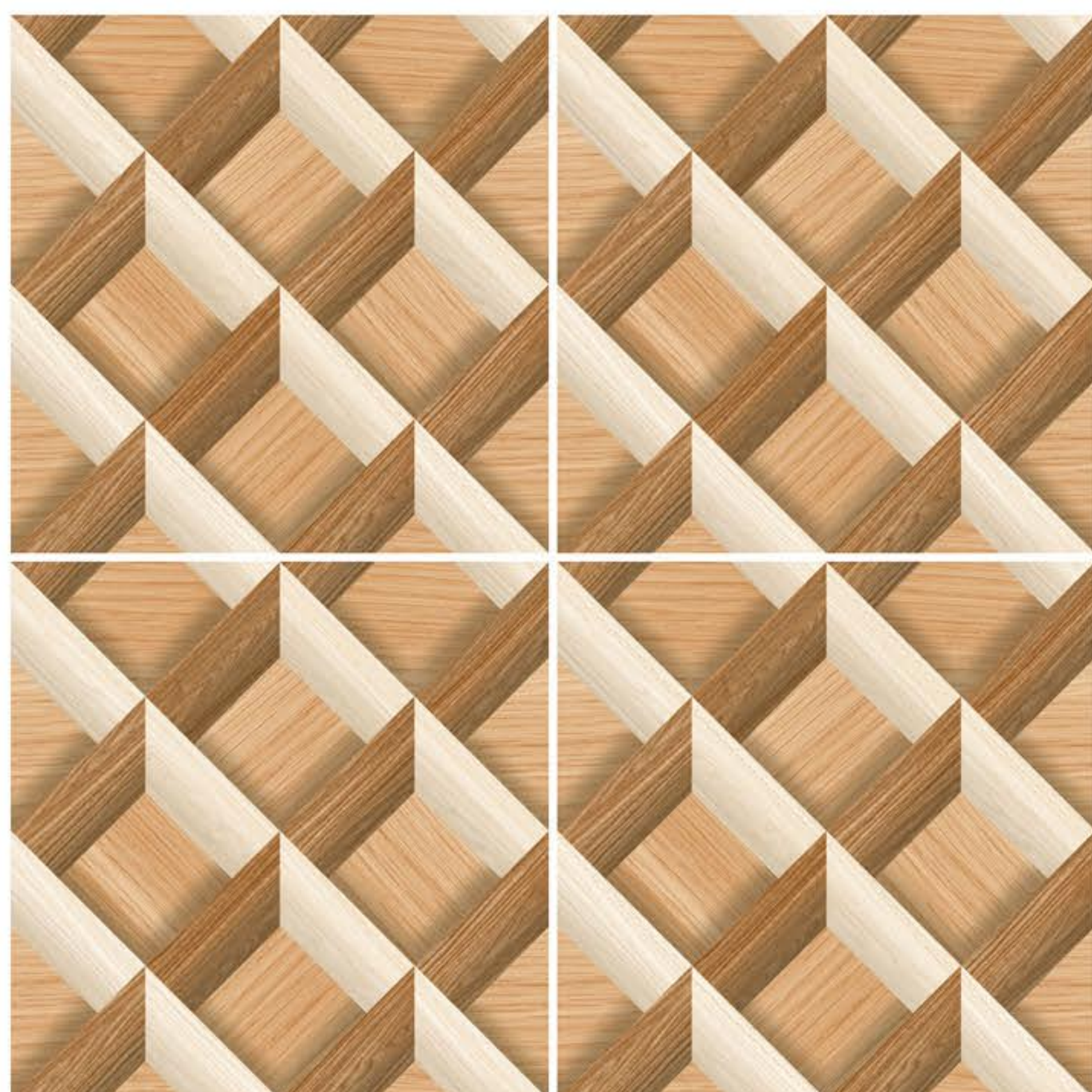
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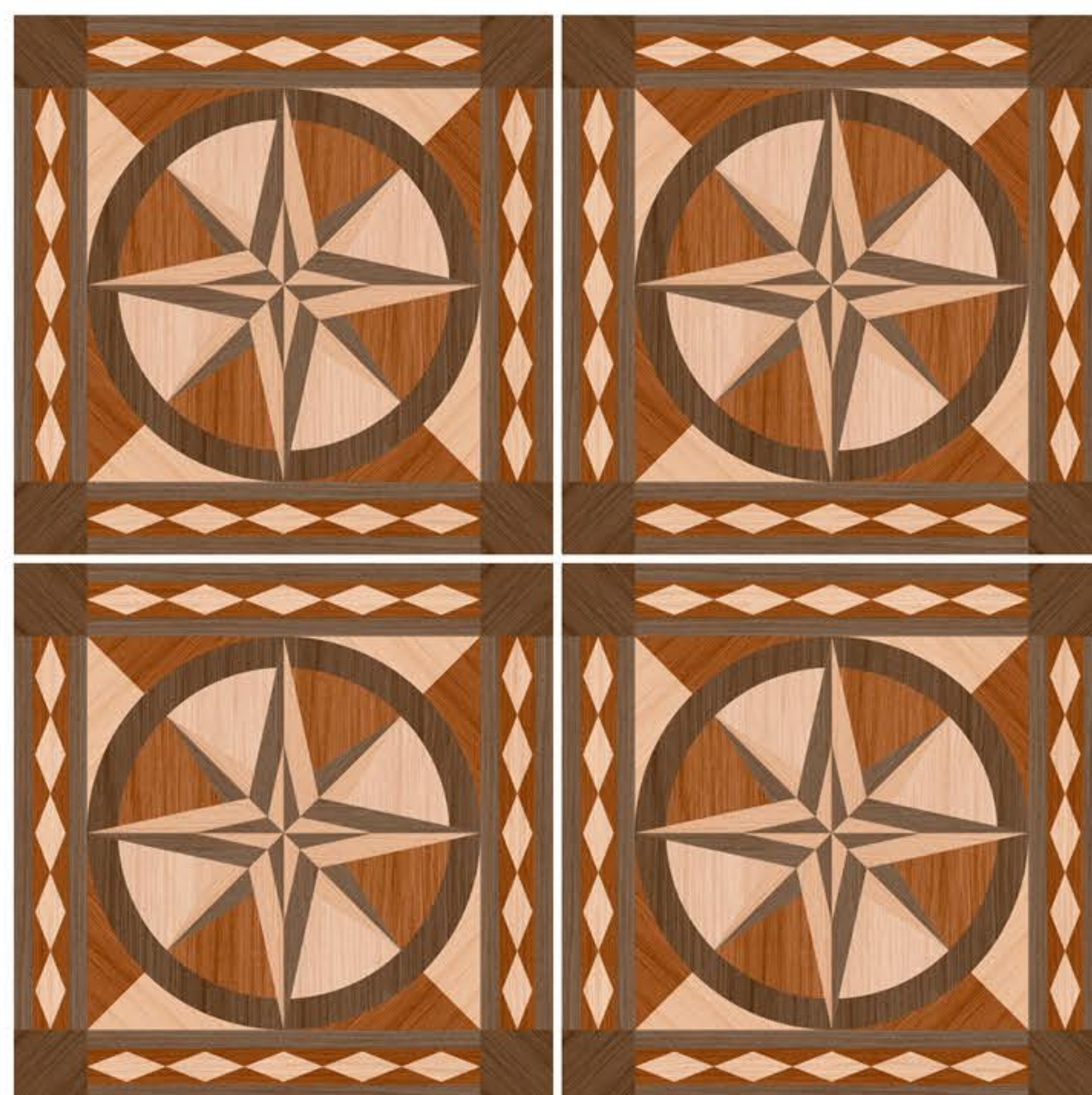
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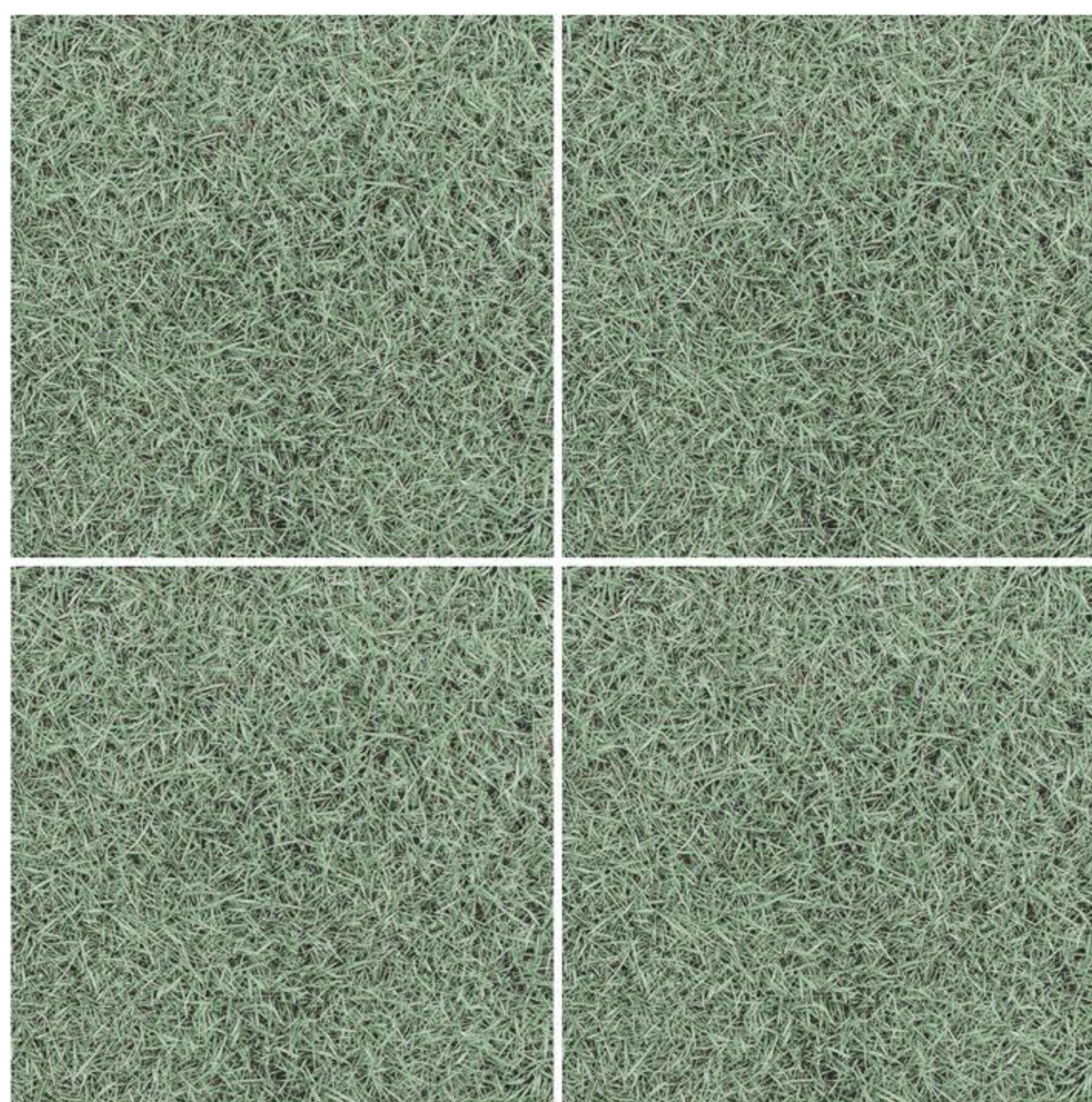
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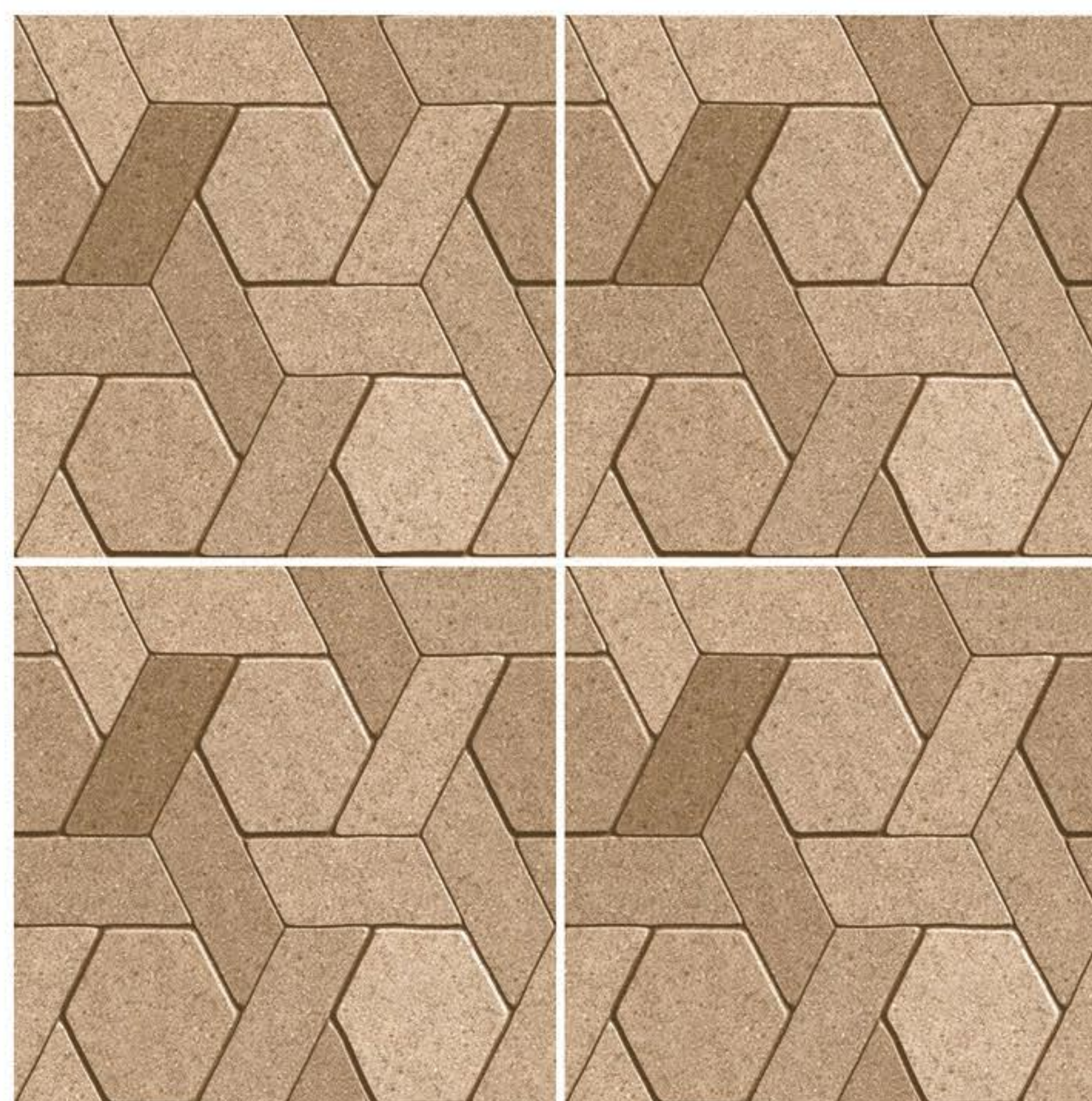
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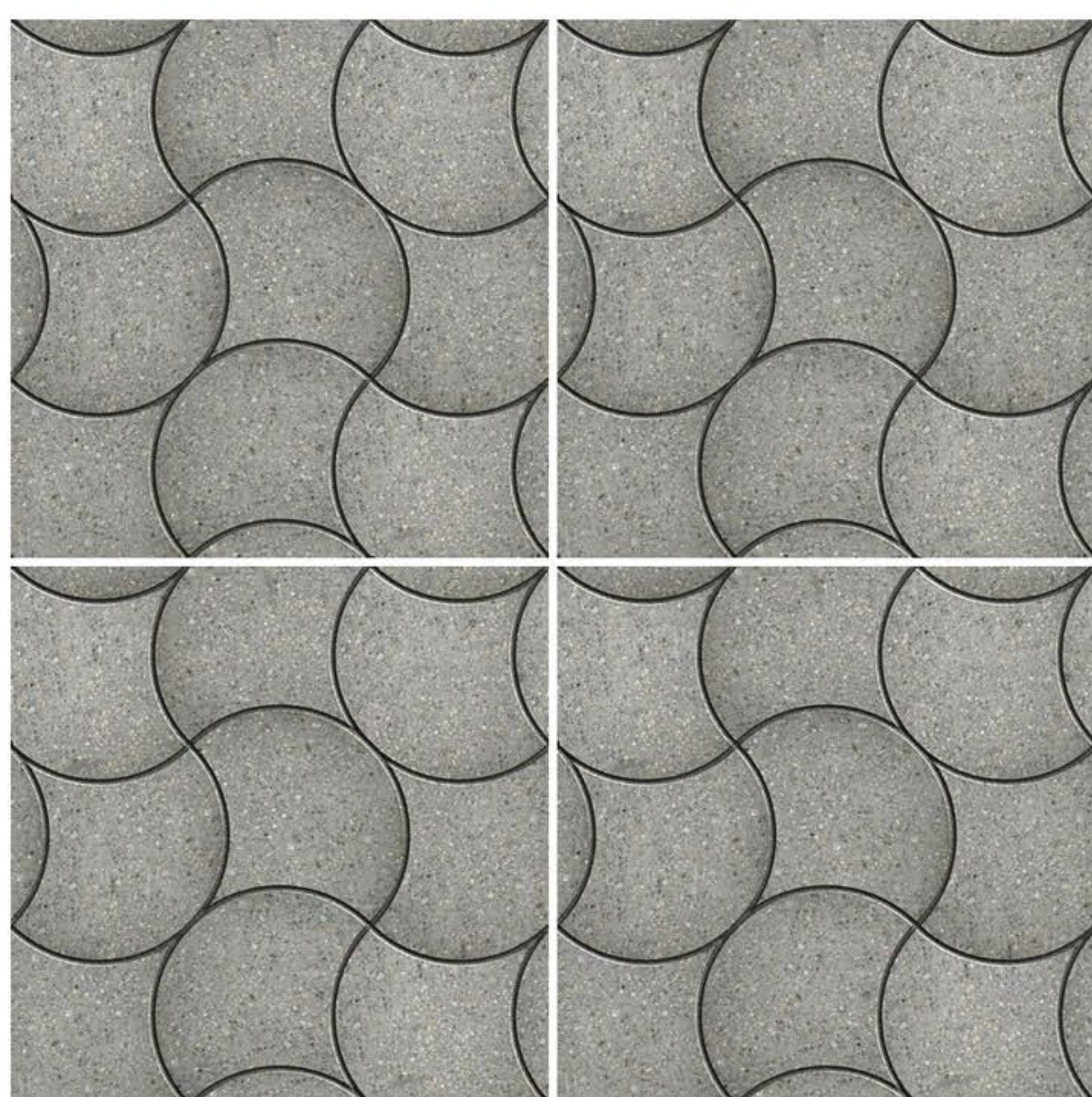
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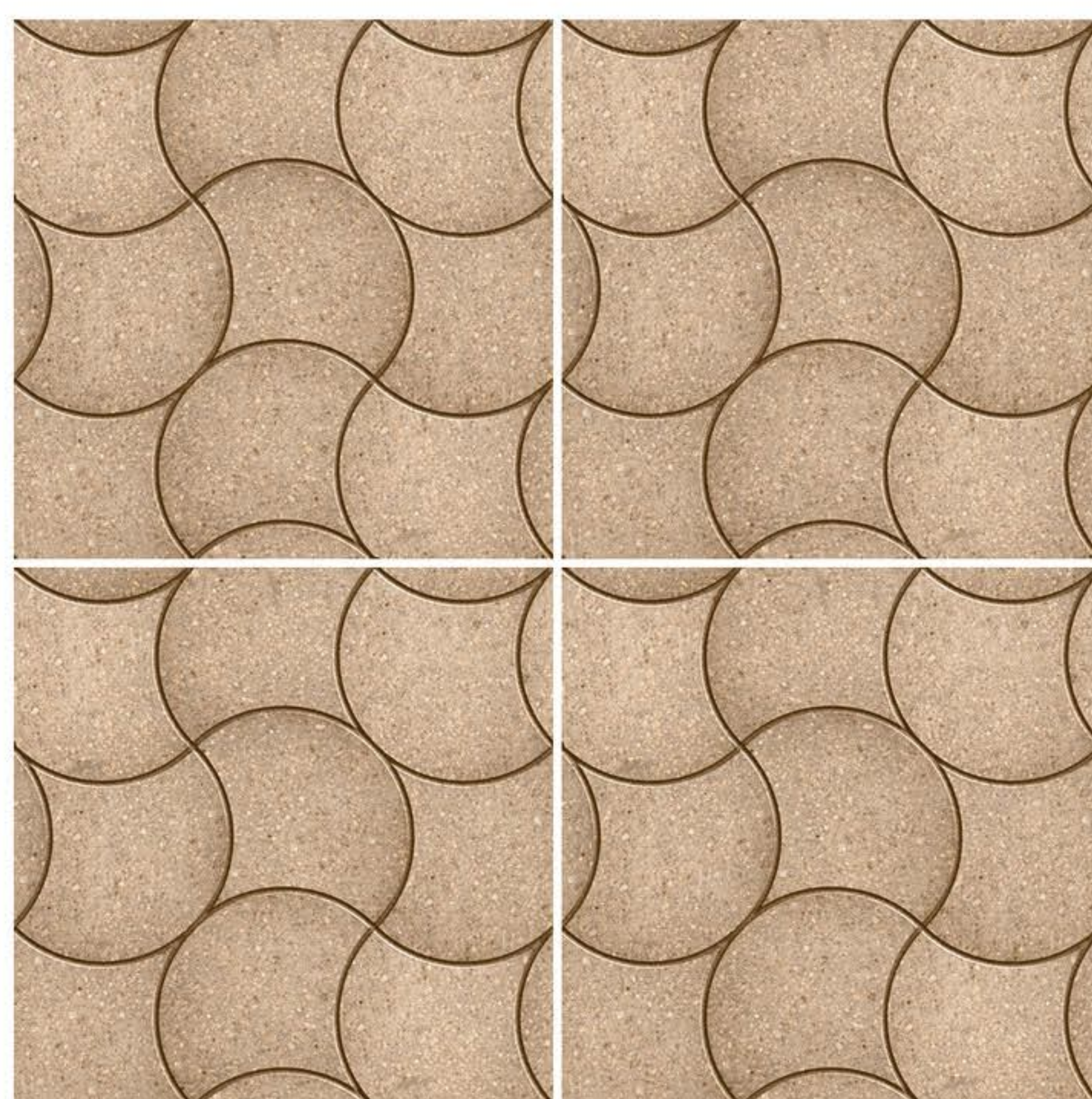
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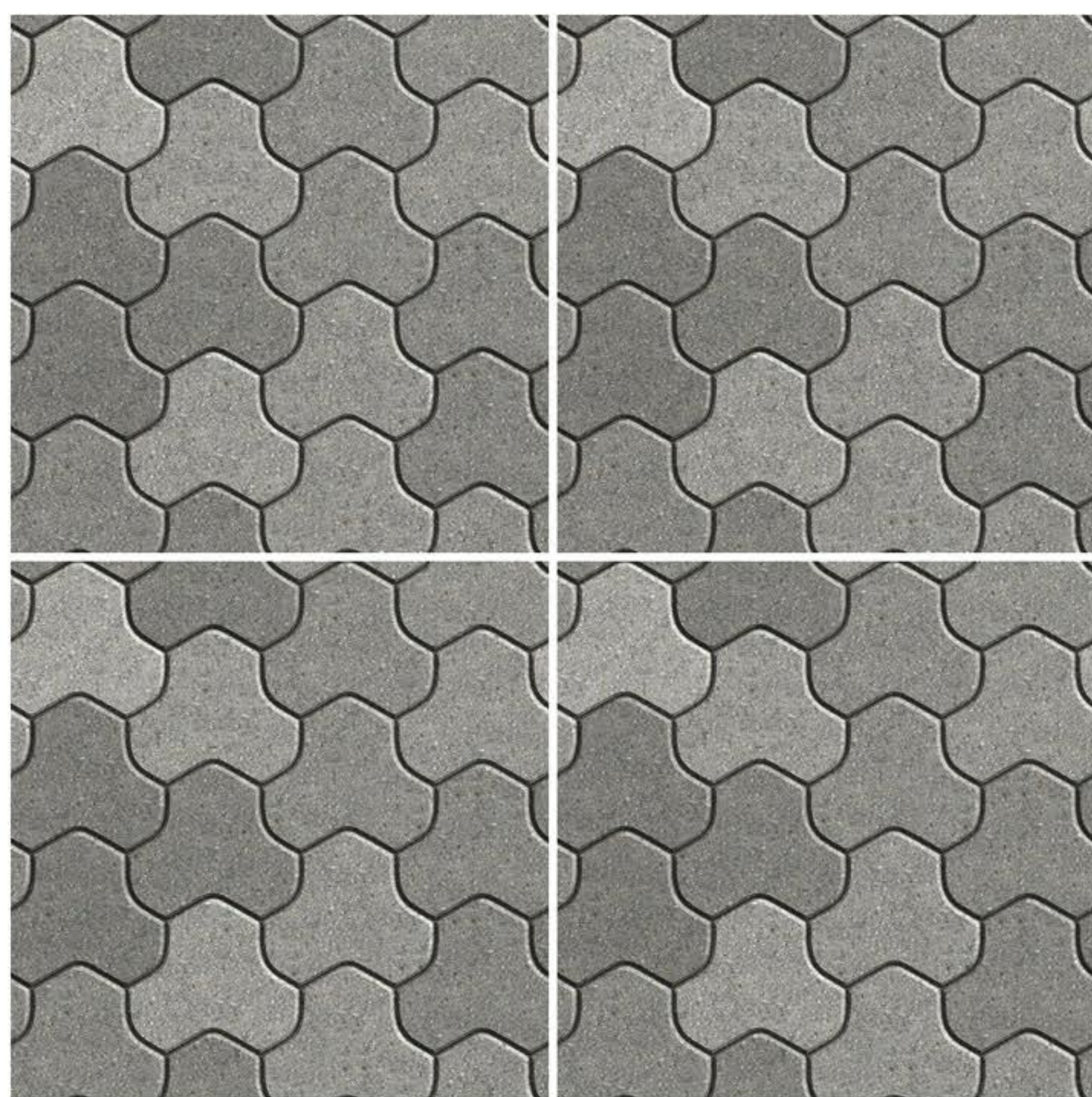
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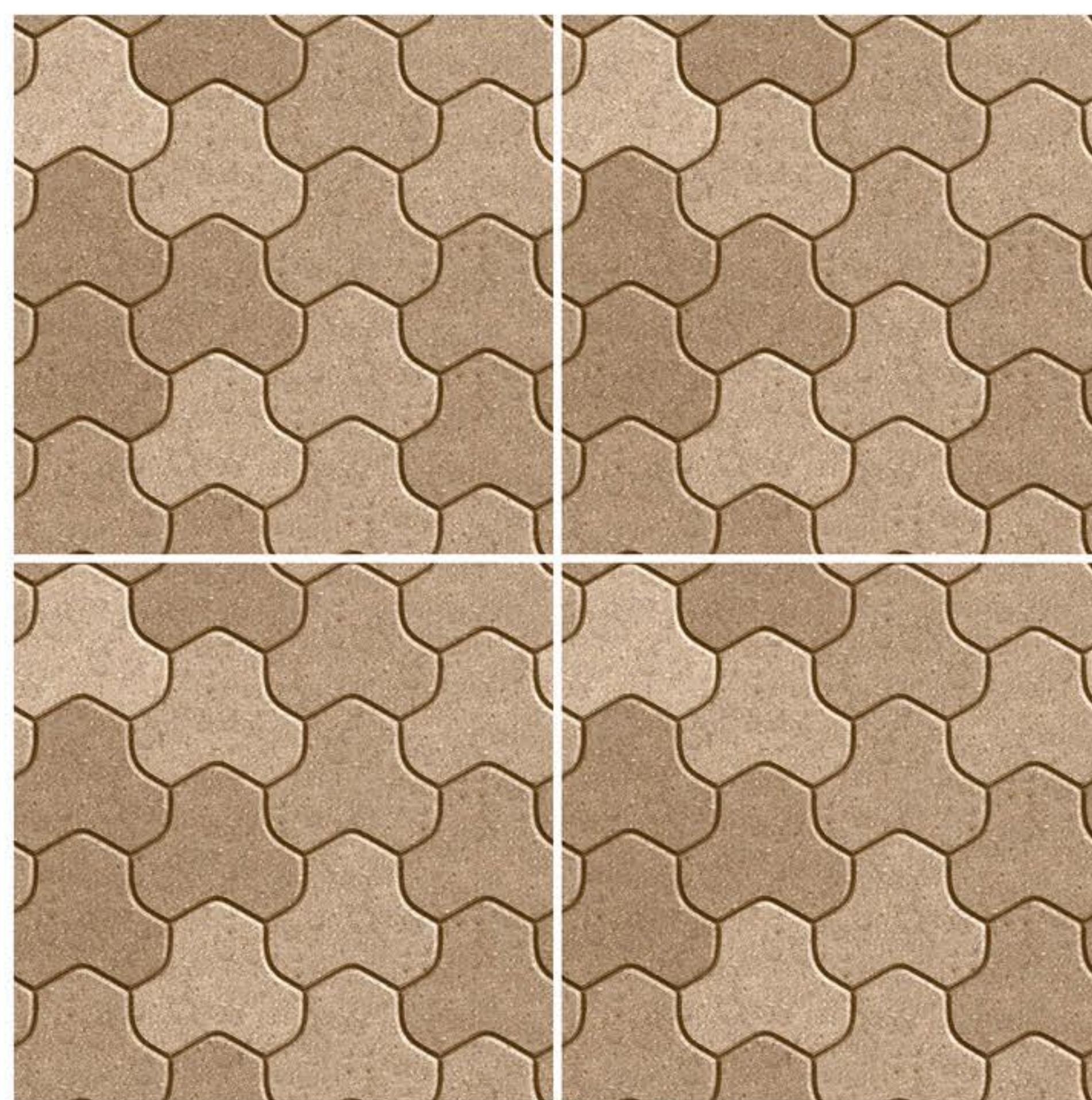
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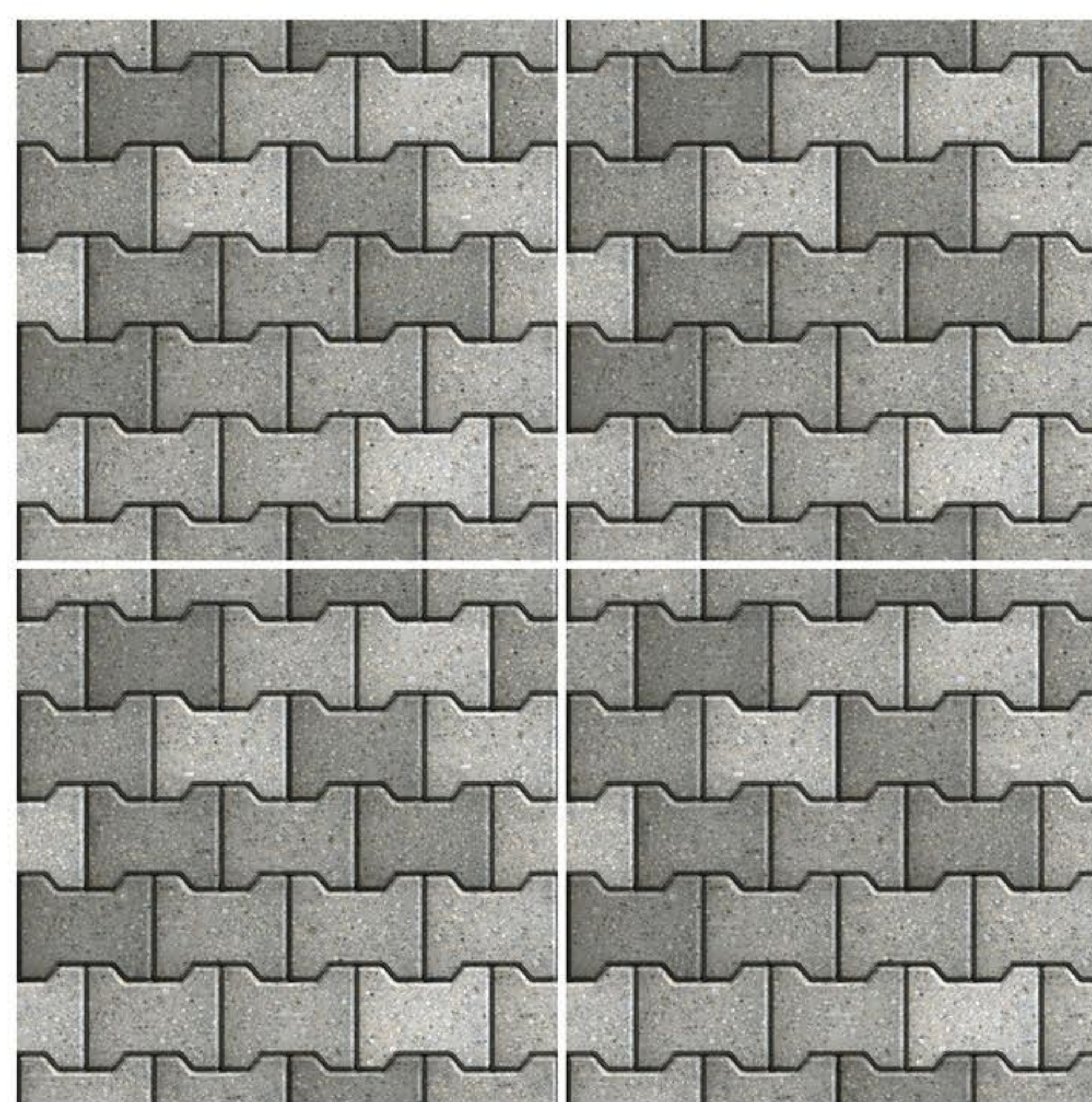
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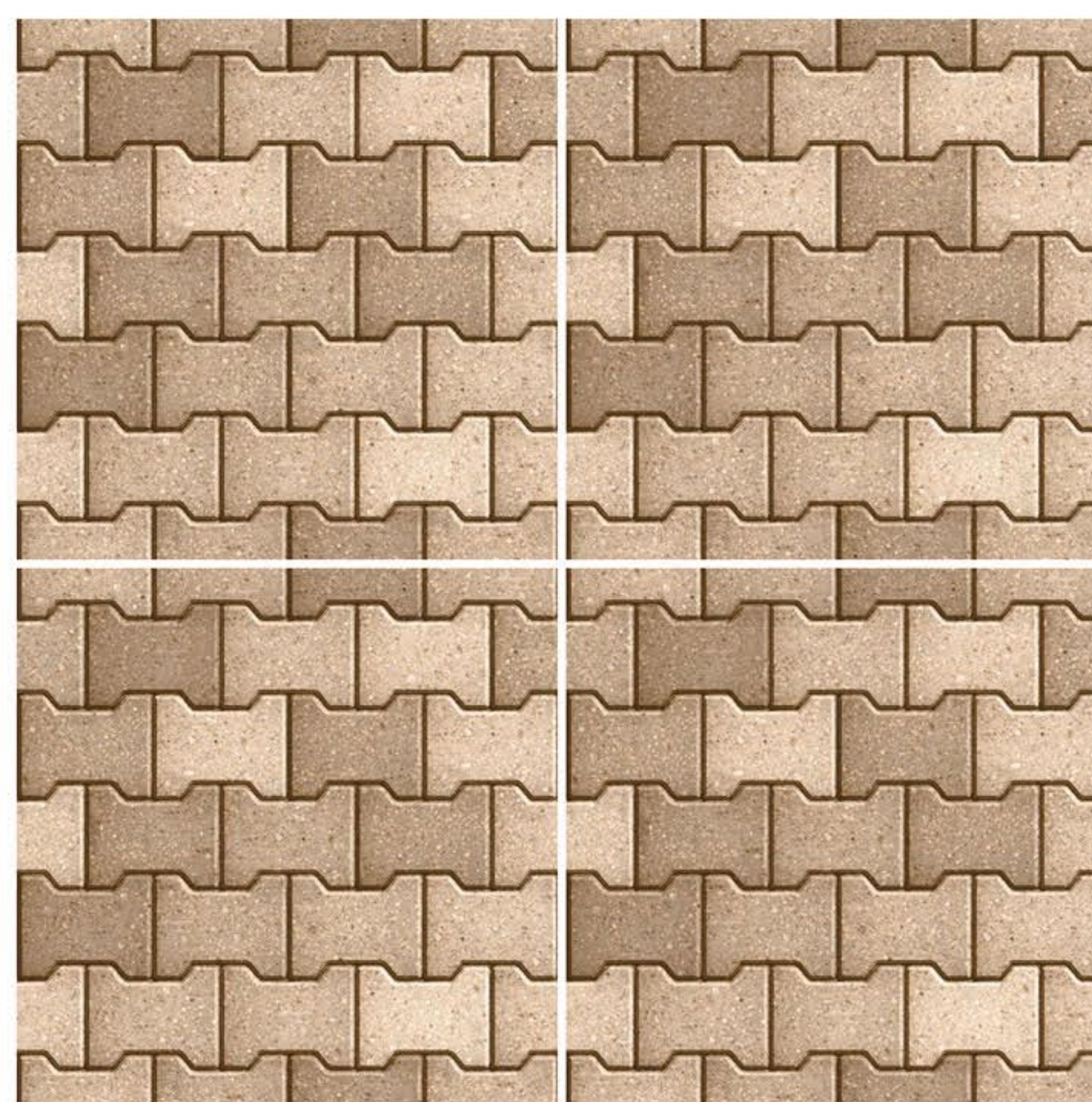
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FLOOR



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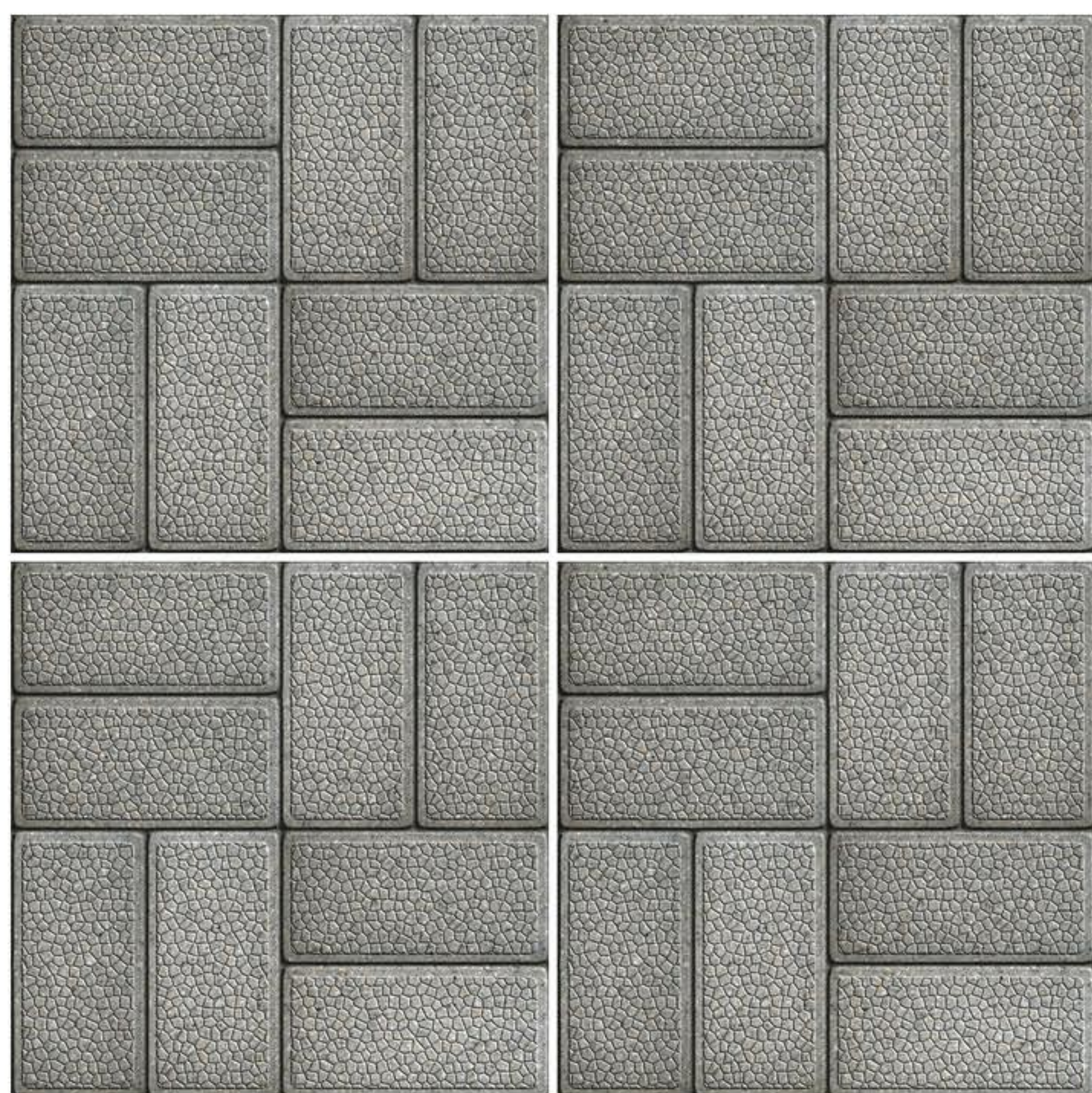
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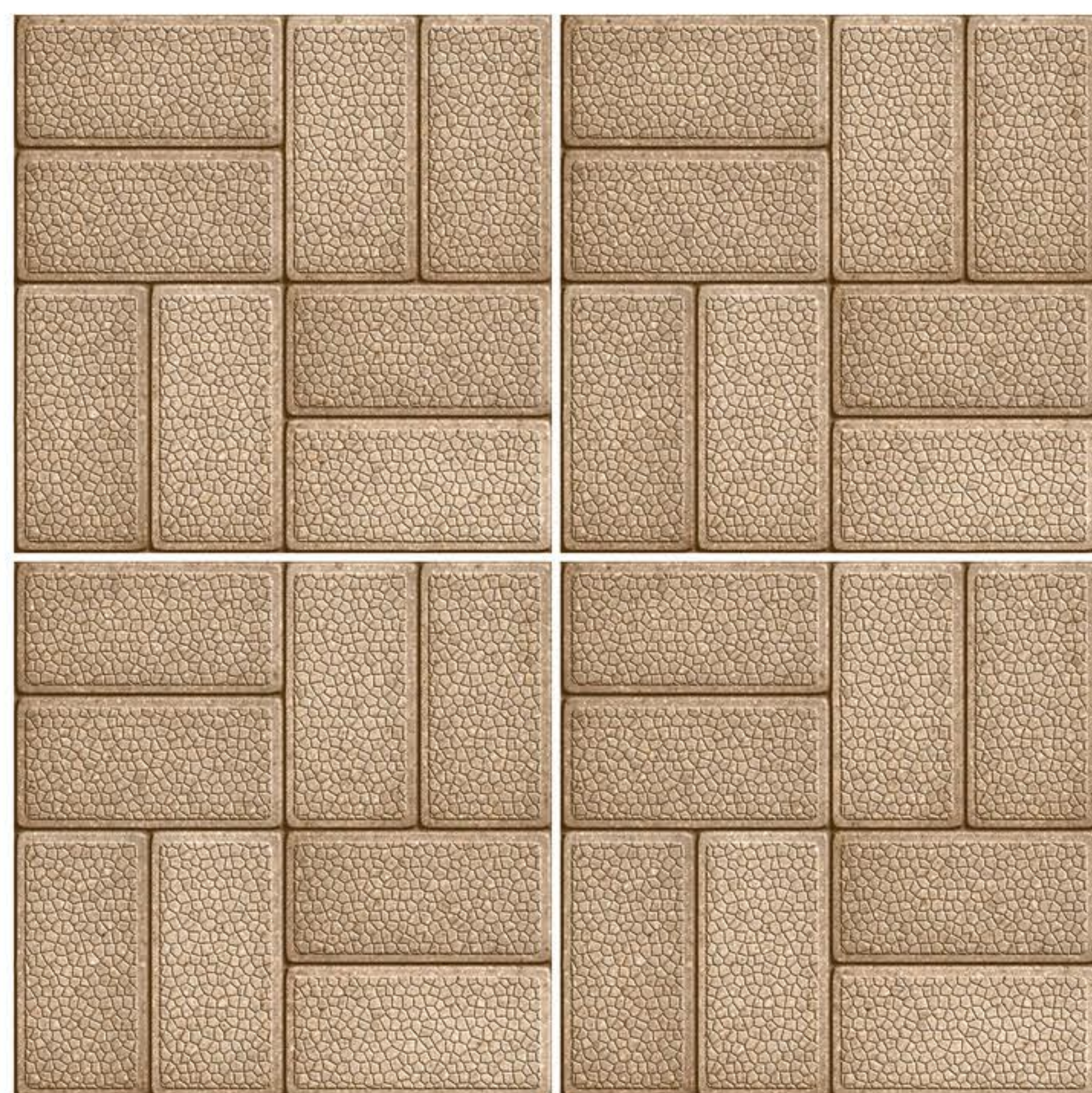
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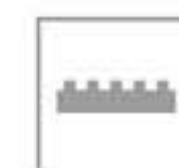
HEAVY DUTY OUTDOOR VITRIFIED TILES



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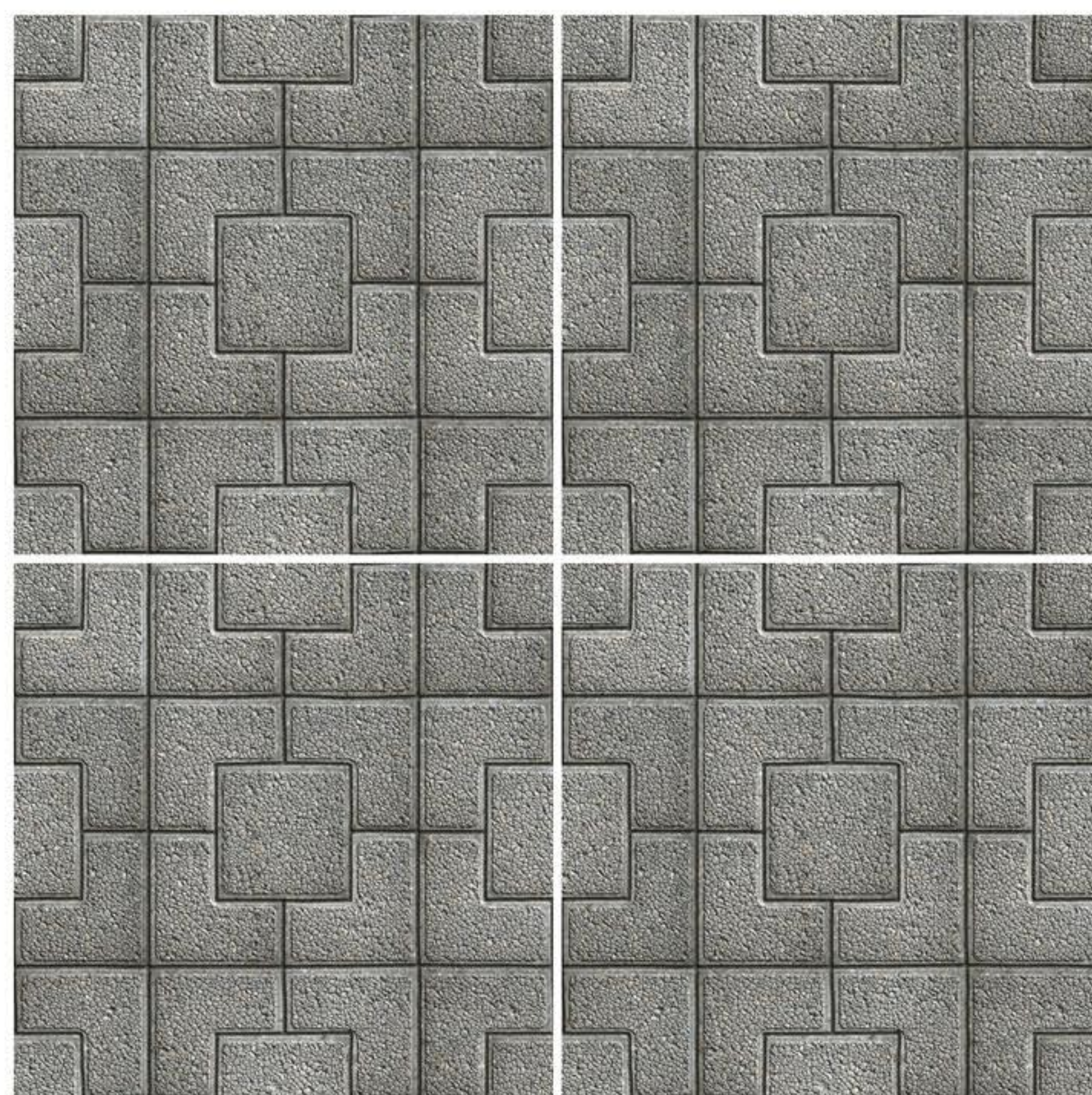
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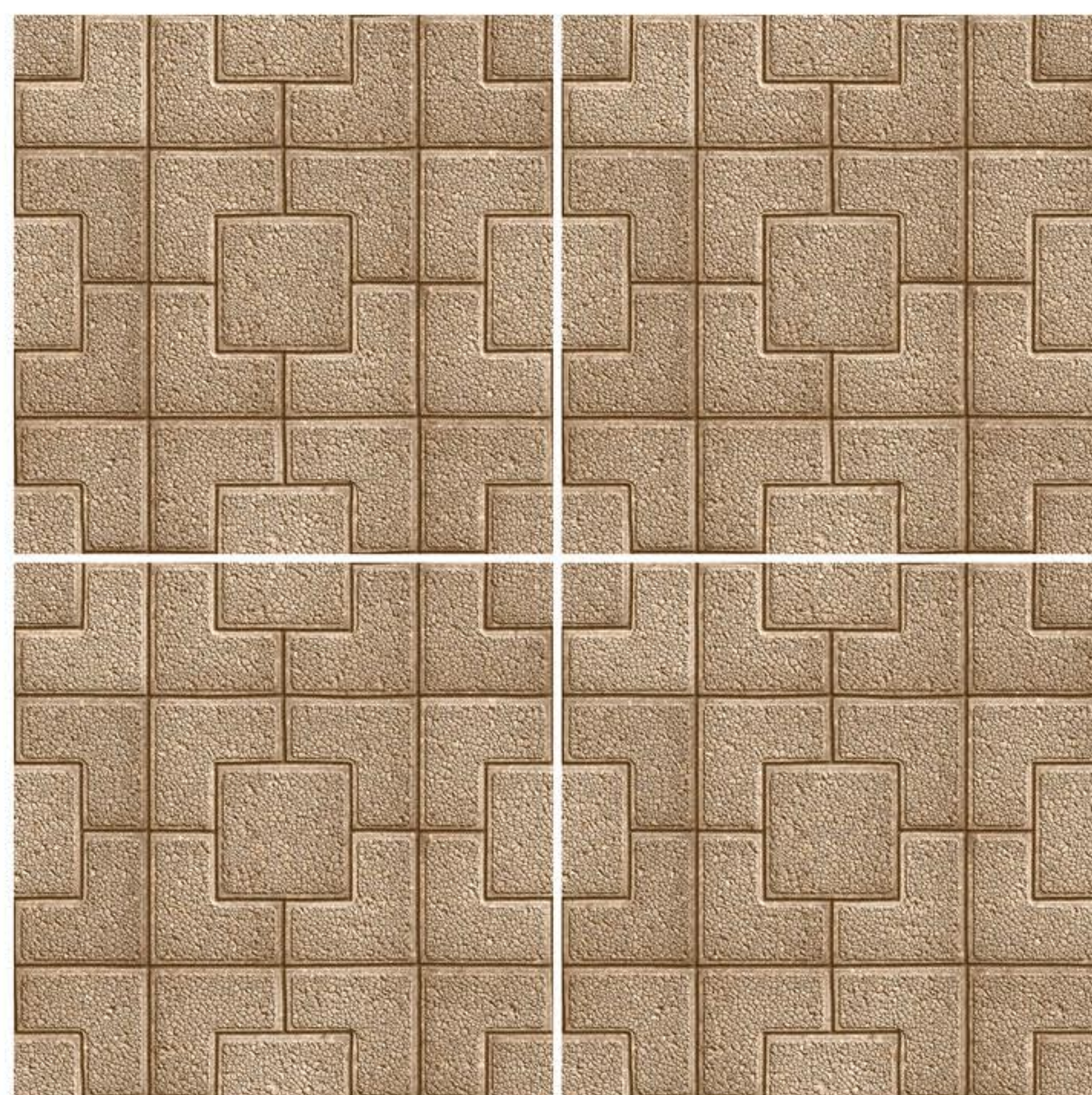
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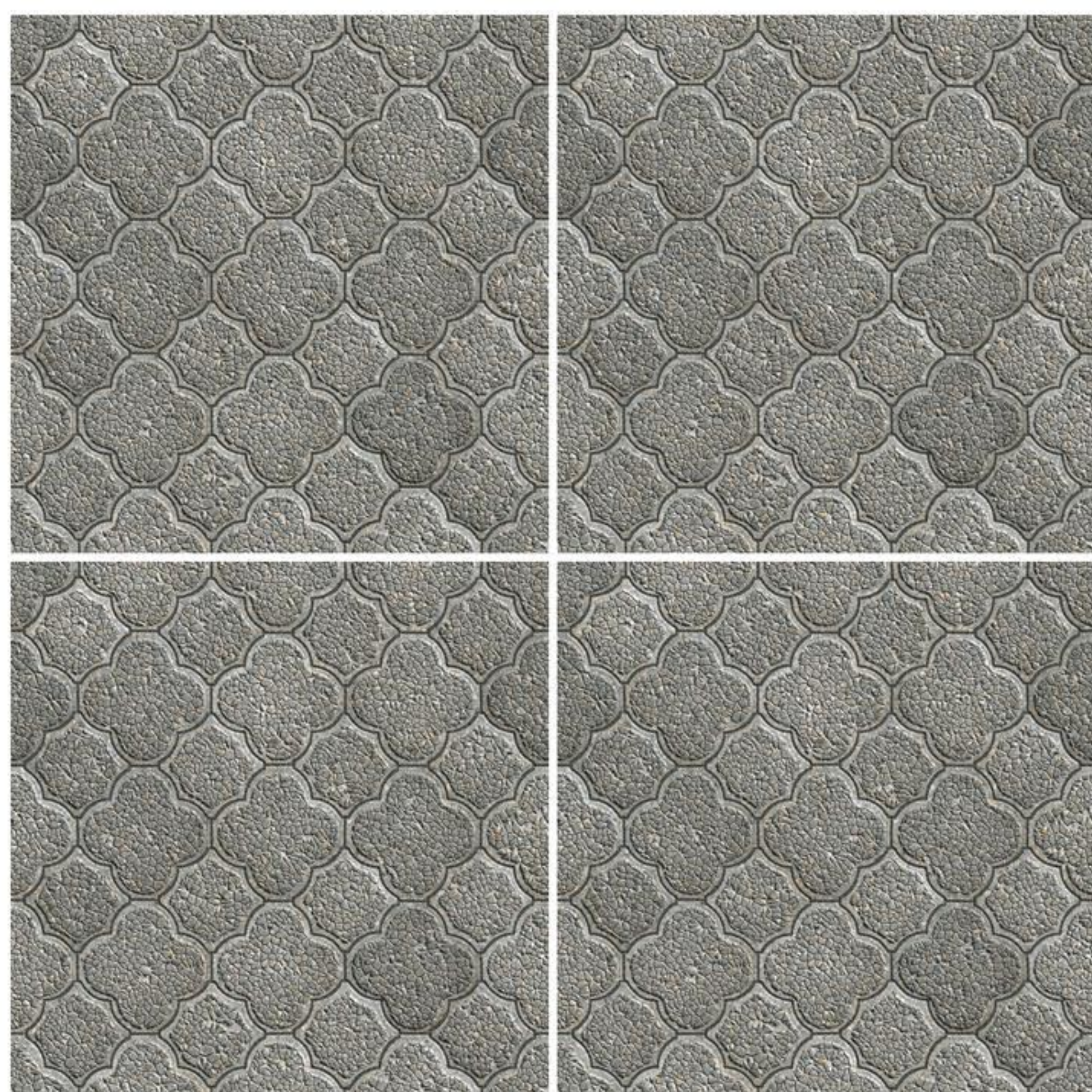
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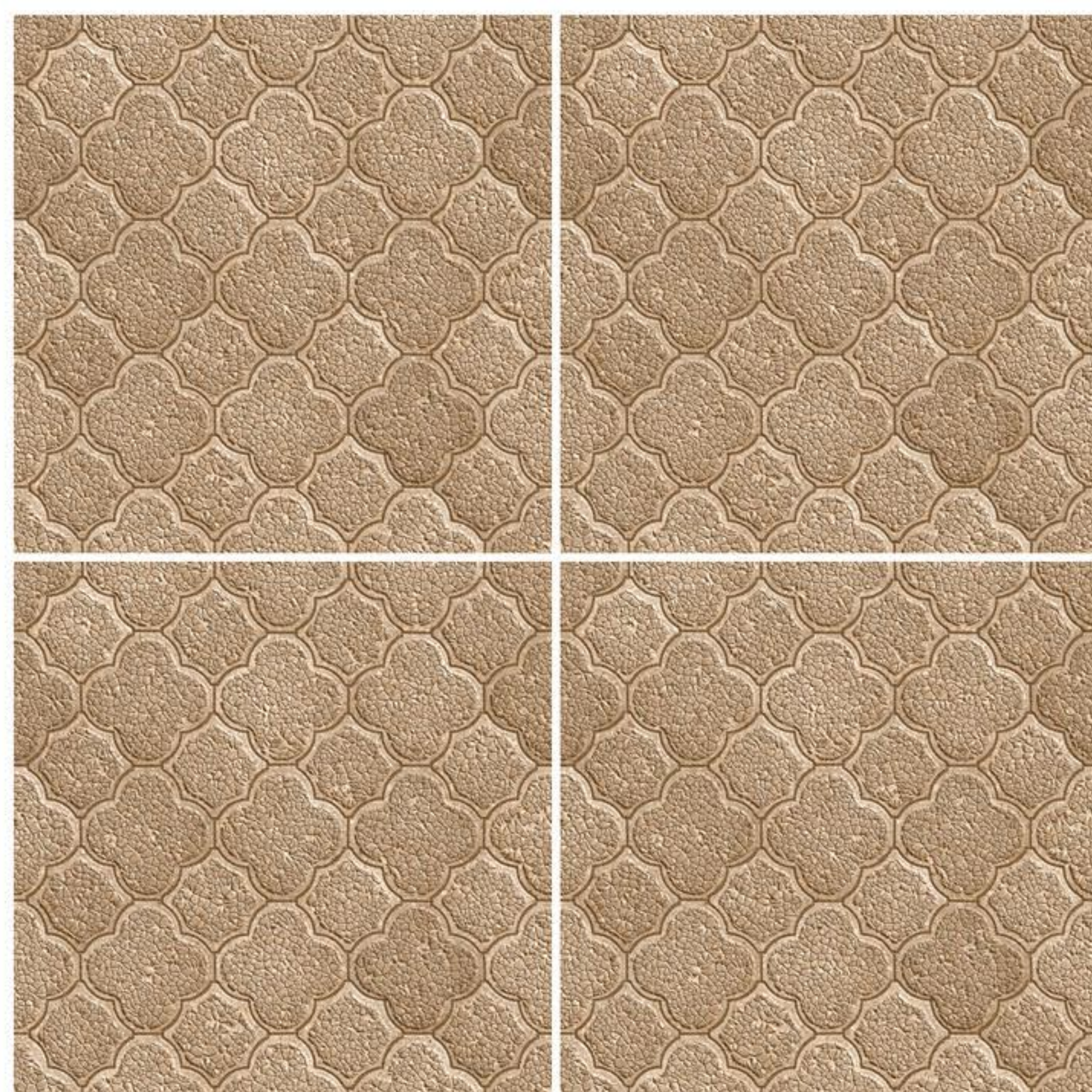
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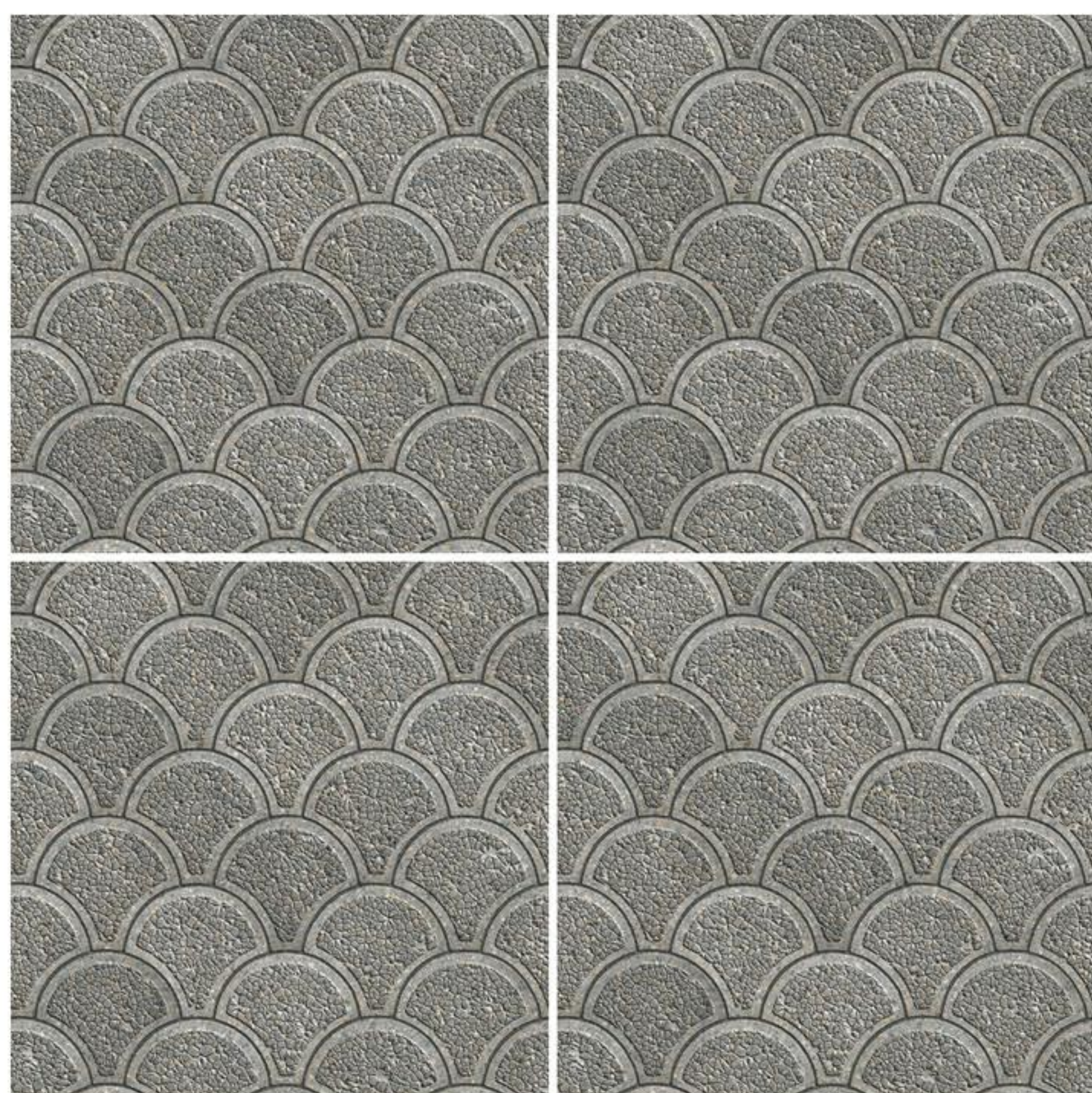
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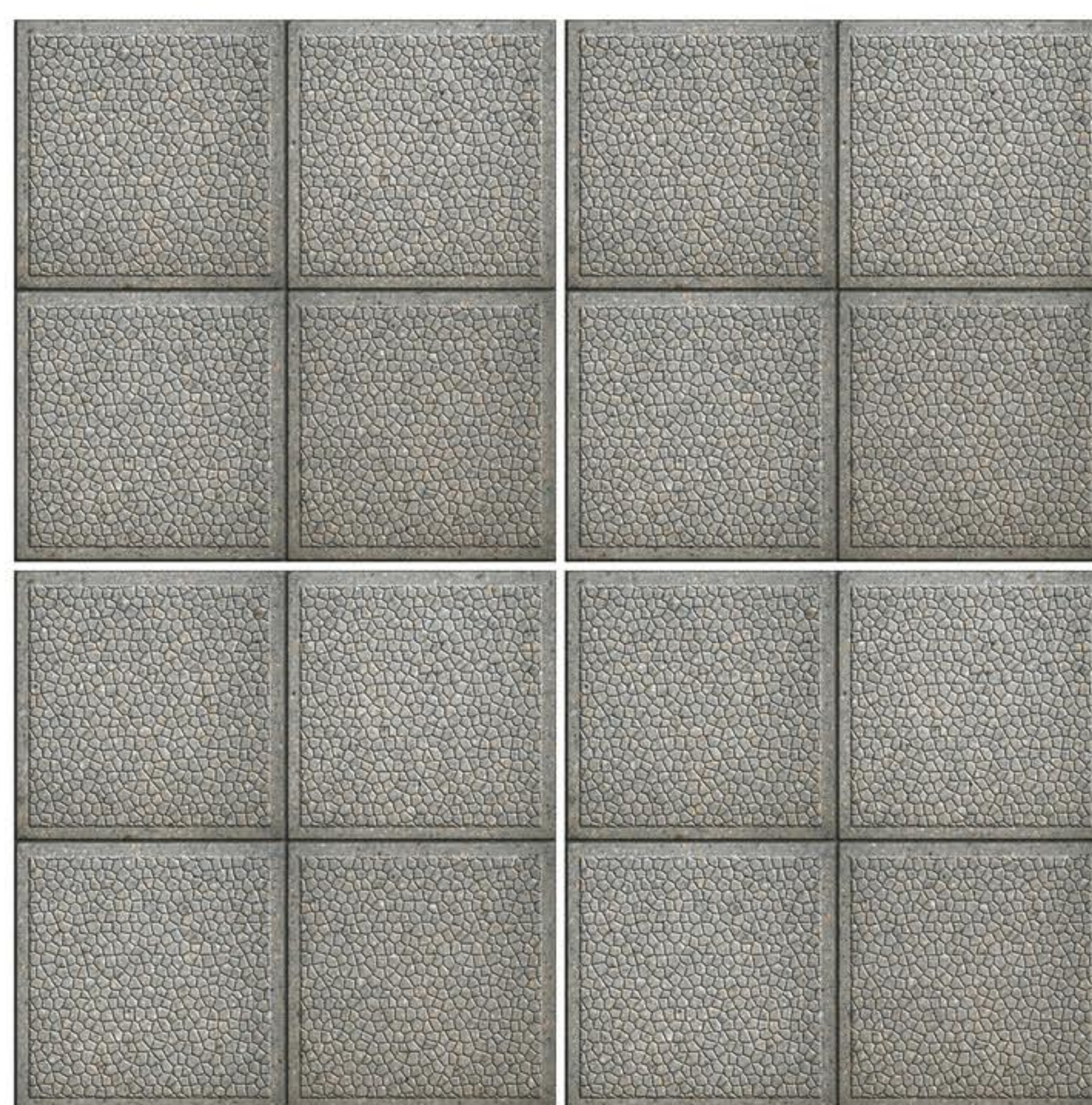
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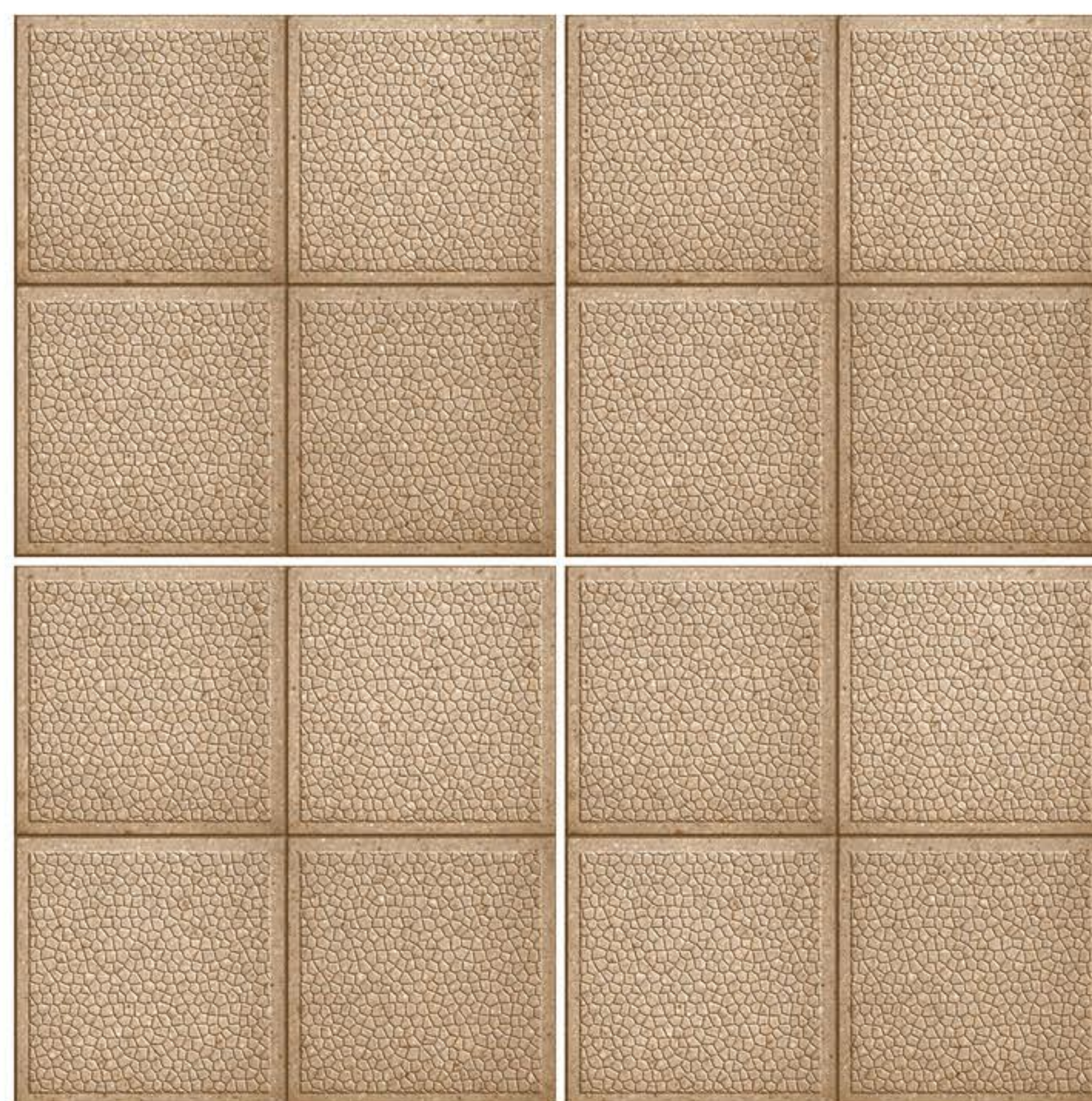
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TECHNICAL SPECIFICATION 400x400MM / 12MM LEVITA

S.No.	PROPERTY	GROUP BIA - ISO 13006/EN-176	GROUP BIA IS :15622:2017	OUR VALUE	TEST ACCORDING TO
Dimensions & surface Quality					
1.	Deviation in length and width	± 0.6%	± 0.1%	± 0.1%	ISO 10545:2/IS:13630 (P-1)
2.	Deviation in thickness	± 5%	± 5%	± 4%	ISO 10545:2/IS:13630 (P-1)
3.	Deviation in Staightness of sides	± 0.5%	± 0.5%	± 0.1%	ISO 10545:2/IS:13630 (P-1)
4.	Deviation in Rectangualrity	± 0.6%	± 0.1%	± 0.1%	ISO 10545:2/IS:13630 (P-1)
5.	Deviation in Surface Flatness	± 0.5%	± 0.5%	± 0.2%	ISO 10545:2/IS:13630 (P-1)
6.	Surface Quality (%)	Minimum 95%	Minimum 95%	No visible defects	ISO 10545:2/IS:13630 (P-1)
Physical charactersitics					
7.	Scratch Hardness of surface Moh's scale	Min. 6	Min. 5	6	EN-101/IS:13630 (P-13)
8.	Water absorption	≤0.5%	Averages 0.08, Individual maximum 0.10%	<0.1%	ISO 10545:3/IS: 13630 (P-2)
9.	Moisture Expansion	Nil	-	Nil	ISO 10545:10
10.	SurfaceAbrasion Resistance	As per Mfg.	-	Min. Class-4	ISO 10545:7
11.	Deep Abrason	max 175 mm ³	max 140 mm ³	< 144mm ³	ISO 10545:6/IS:13630 (P-12)
Mechanical charactersitics					
12.	Breaking strength	1300 N	Min 1300 N	>3000N	ISO 10545:4/IS: 13630 (P-6)
13.	Modulus of rupture	>35 N/mm ²	Average 35, Individual minimum 32	≥40 N/mm ²	ISO 10545:4/IS: 13630 (P-6)
14.	Impact resistance	Declared by manufacturer	Required	Min. 0.55	ISO 10545:5/IS:13630 (P-14)
Safety charactersitics					
15.	Density	2.20 gm/cc	Min 2.20 gm/cc	2.30 gm/cc	ISO 10545:3
16.	Skid resistance (Friction coeeficient)	≥0.4	-	≥0.5	ISO 10545:17
Thermo photo charactersitics					
17.	Thermal shock resistance	Resistant to 10 cycles	Min 10 cycles	Pass min 10 cycles	ISO 10545:9/IS: 13630 (P-5)
18.	Co efficient of thermal expansion	9×10 ⁻⁶ K ⁻¹ Max	6×10 ⁻⁶ K ⁻¹ Max	<6×10 ⁻⁶ K ⁻¹ Max	ISO 10545:8/IS:13630 (P-4)
19.	Frost resistance	Resistant	Required	Frost proof	ISO 10545:12/IS: 13630 (P-10)
20.	Crazing Resistance	As per Mfg.	-	Min 10 cycles	ISO 10545:11
Chemical characteristics charactersitics					
21.	Stain Resistance	Min class-3	Required	Min conform to class-4*	ISO 10545:14
22.	Chemical Resistance HOUSE HOLD CHEMICAL & SWIMMING POOL SALT	min class-UB	Required	Conform to classes-UA*	ISO 10545:13/IS:13630 (P-7)
23.	Chemical Resistance LOW CONCENTRATIONS ACID & ALKALIES	min class-ULB	Required	Conform to classes-ULA*	ISO 10545:13/IS:13630 (P-7)
24.	Chemical Resistance HIGH CONCENTRATIONS ACID & ALKALIES	min class-UHB	Required	Conform to classes-UHA*	ISO 10545:13/IS:13630 (P-7)

PACKING DETAILS

DIMENSIONS (MM)	NO. OF TILES / BOX	COVERAGE AREA
400x400	5 Pcs.	0.80 sqm.



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Morbi-2 (Guj.) INDIA.

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