

universe



universe



Voor een stijlvol design, binnen en buiten, van kantoor tot woning.

Adapté à un environnement design aussi bien qu'à une habitation privée ou à un bureau, pour l'intérieur et pour l'extérieur.

Perfect for a stylish atmosphere, whether private residence or office, indoor and outdoor.

Sehr geeignet für eine Designumgebung ebenso für eine Privatwohnung als für ein Büro, drinnen und draußen.

Adatta ad un ambiente di design quanto ad un'abitazione privata o un ufficio, interno ed esterno.

「universe」

「world」

30x30 cm - 12"x12" inches
20x60 cm - 8"x24" inches
30x60 cm - 12"x24" inches
60x60 cm - 24"x24" inches
30x120 cm - 12"x48" inches
60x120 cm - 24"x48" inches
45x45 cm - 18"x18" inches
45x90 cm - 18"x36" inches
90x90 cm - 36"x36" inches

60x60x2cm ≡ 24"x24"x0.8" inches



universe world

90x90 cm - 36"x36" inches | world

90x90 cm - 36"x36" inches | spectra



universe world

- 5x5 cm - 2"x2" inches
- 5x60 cm - 2"x24" inches
- 10x60 cm - 4"x24" inches
- 15x60 cm - 6"x24" inches

「universe」

「planet」

30x30 cm - 12"x12" inches
20x60 cm - 8"x24" inches
30x60 cm - 12"x24" inches
60x60 cm - 24"x24" inches
30x120 cm - 12"x48" inches
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45x45 cm - 18"x18" inches
45x90 cm - 18"x36" inches
90x90 cm - 36"x36" inches

60x60x2cm ≡ 24"x24"x0.8" inches



universe planet

60x120 cm - 24"x48" inches
30x120 cm - 12"x48" inches



universe planet

60x60 cm - 24"x 24" inches | spectra

60x60 cm - 24"x 24" inches

60x60x2 cm - 24"x 24"x 0.8" inches

universe

earth

30x30 cm - 12"x12" inches
20x60 cm - 8"x24" inches
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90x90 cm - 36"x36" inches

60x60x2cm ≡ 24"x24"x0.8" inches



universe earth

- 30x30 cm - 12"x12" inches
- 30x60 cm - 12"x24" inches
- 60x60 cm - 24"x24" inches
- 60x60 cm - 24"x24" inches R11



universe earth

45x90 cm - 18"x36" inches

90x90 cm - 36"x36" inches | luna



universe earth

- 5x60 cm - 2"x24" inches
- 10x60 cm - 4"x24" inches
- 15x60 cm - 6"x24" inches

「universe」

「globe」

30x30 cm - 12"x12" inches
20x60 cm - 8"x24" inches
30x60 cm - 12"x24" inches
60x60 cm - 24"x24" inches
30x120 cm - 12"x48" inches
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45x45 cm - 18"x18" inches
45x90 cm - 18"x36" inches
90x90 cm - 36"x36" inches

60x60x2cm ≡ 24"x24"x0.8" inches



universe globe

60x60 cm - 24"x24" inches

90x90 cm - 36"x36" inches | luna



universe globe
30x30 cm - 12"x12" inches



universe globe

30x60 cm - 12"x24" inches | earth

60x60 cm - 24"x24" inches

60x60 cm - 24"x24" inches R11

「universe」

「spectra」

60x60 cm - 24"x24" inches
90x90 cm - 36"x36" inches



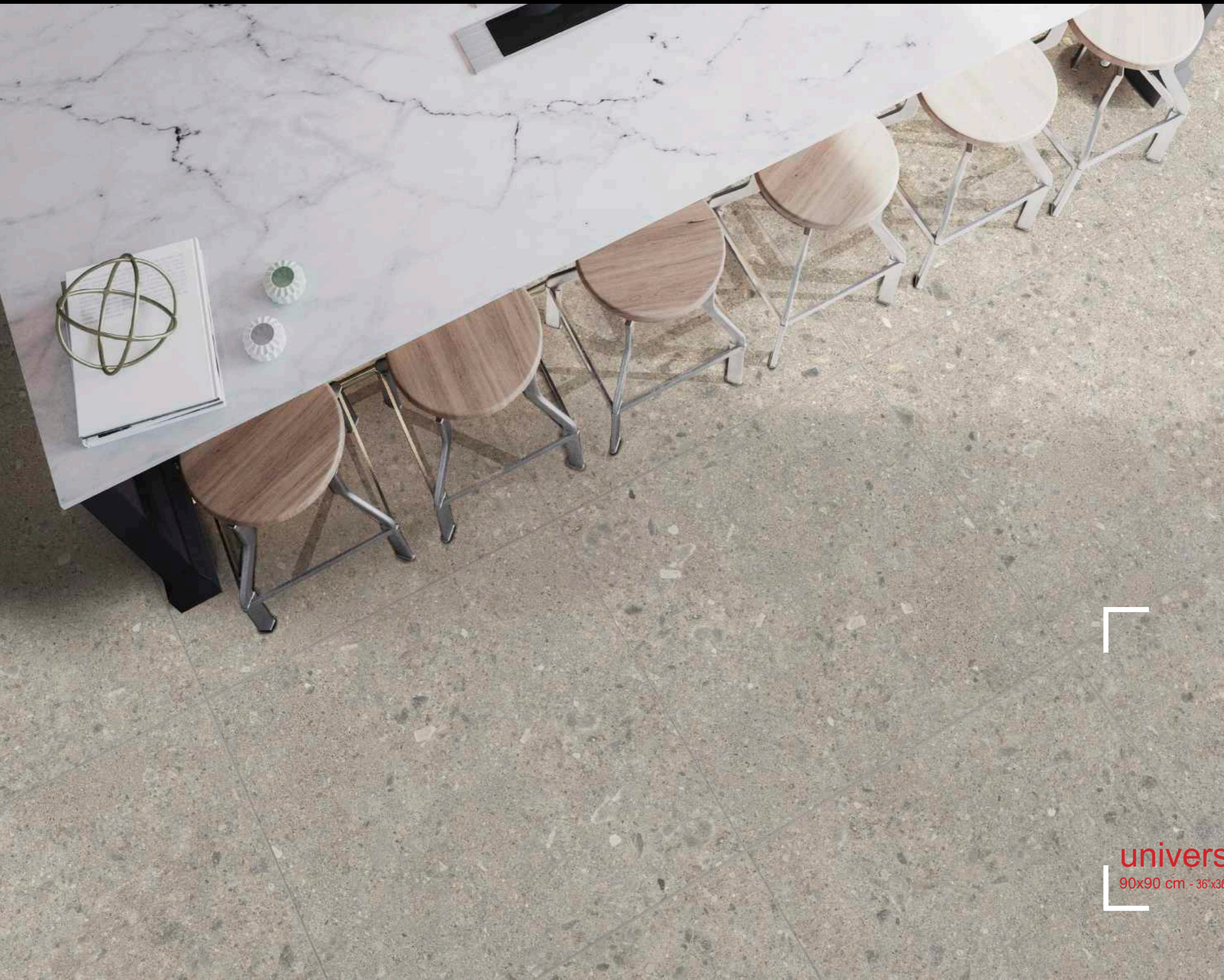
universe spectra
60x60 cm - 24"x24" inches



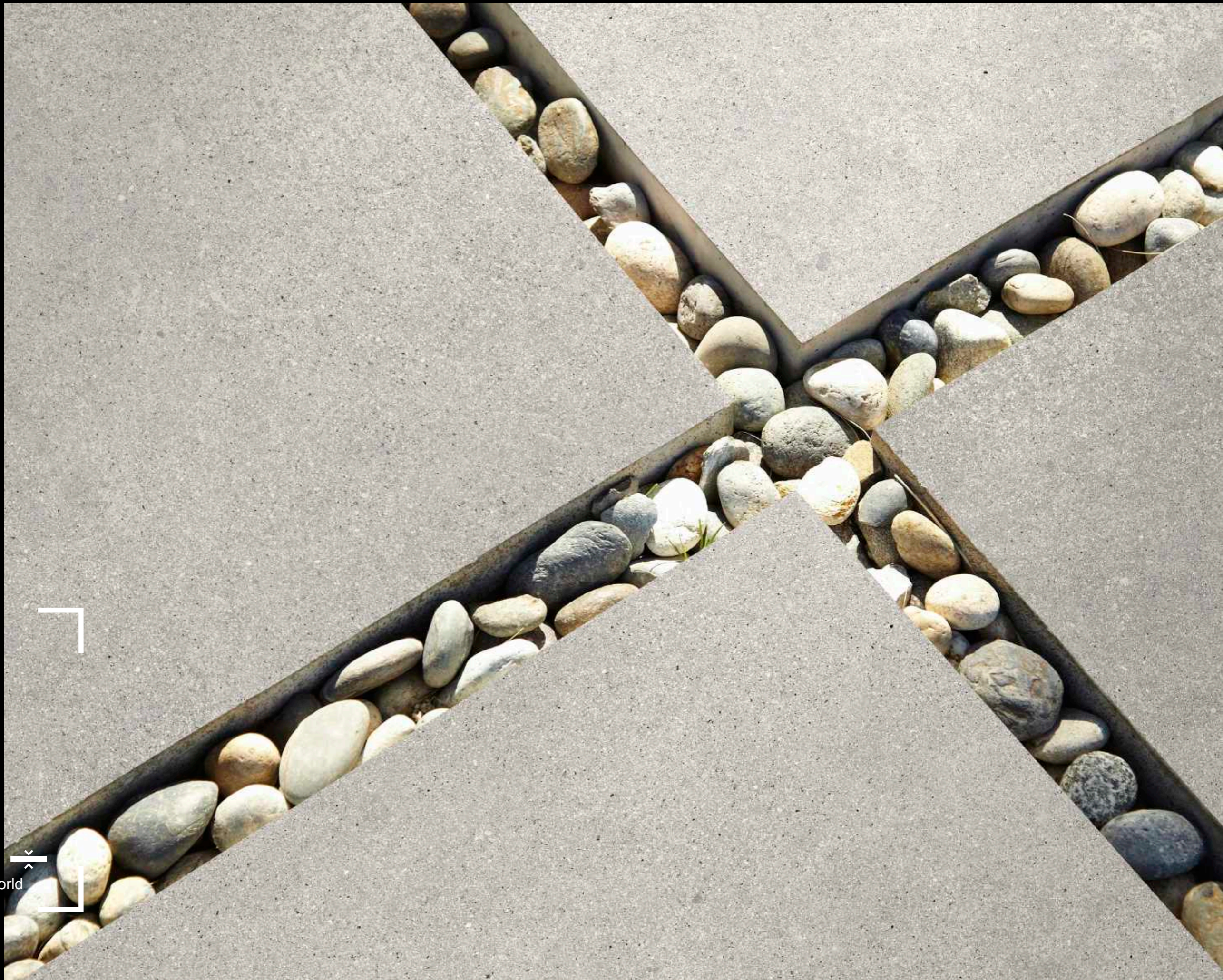
「universe」

「luna」

60x60 cm - 24"x24" inches
90x90 cm - 36"x36" inches



universe luna
90x90 cm - 36"x36" inches



universe 2cm ✕
60x60x2 cm - 24"x24"x0.8" inches | world



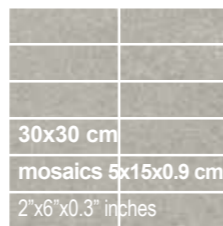
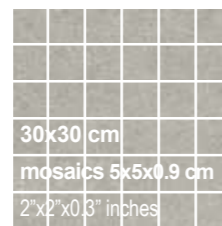
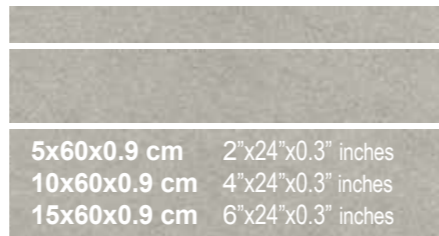
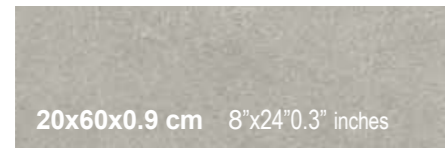
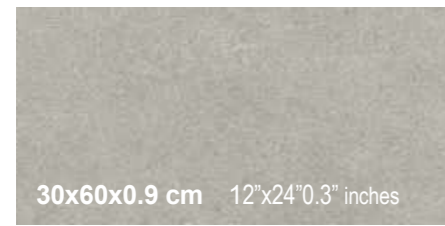
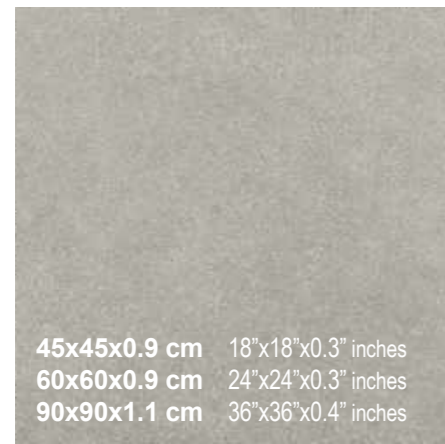
universe 2cm ✕
60x60x2 cm - 24"x24"x0.8" inches | planet

universe 2cm ✕
60x60x2 cm - 24"x24"x0.8" inches | earth



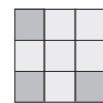


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universe 2cm ✕
60x60x2 cm - 24"x24"x0.8" inches | globe
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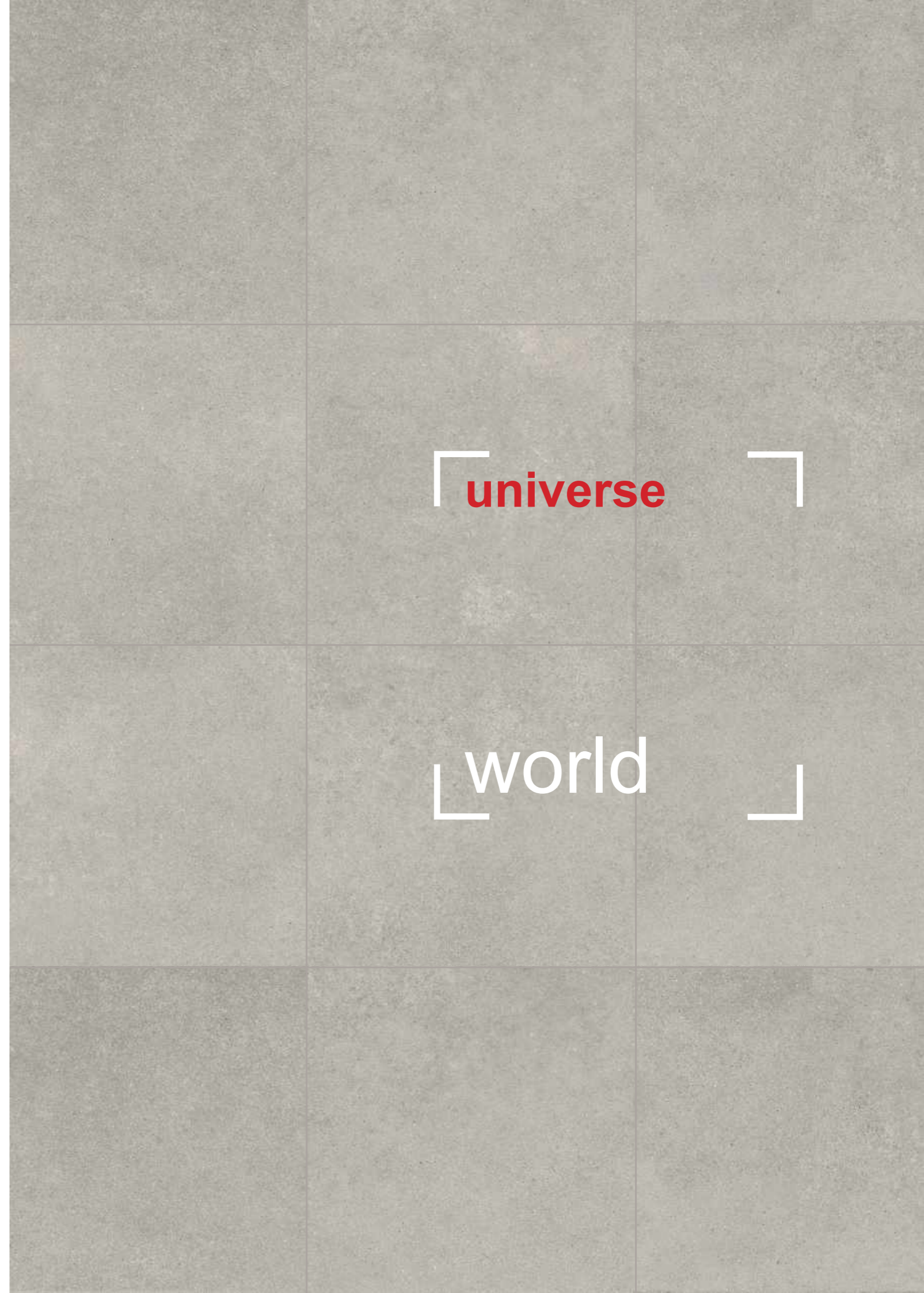


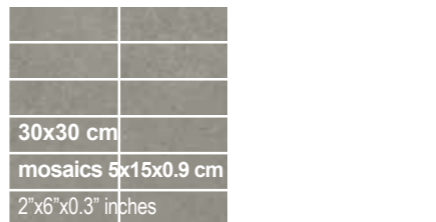
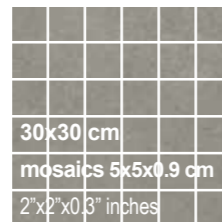
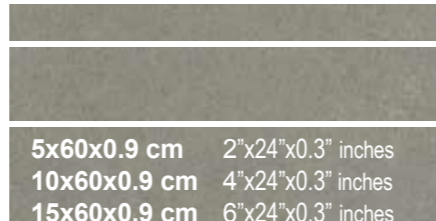
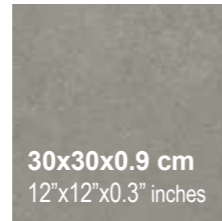
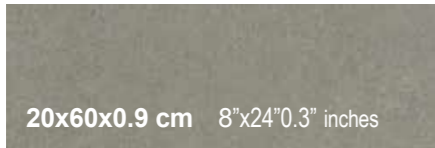
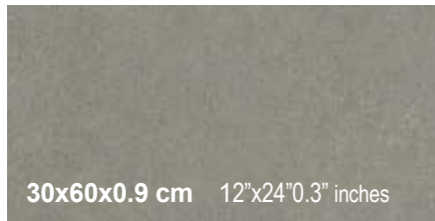
R 11 UGL

2cm R 11 UGL



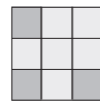
V2
 Licht genuanceerde Kleurschakering
 Ton légèrement nuancé
 Slightly different tone
 Leicht unregelmäßig im Farbton
 Leggermente mosso nel tono



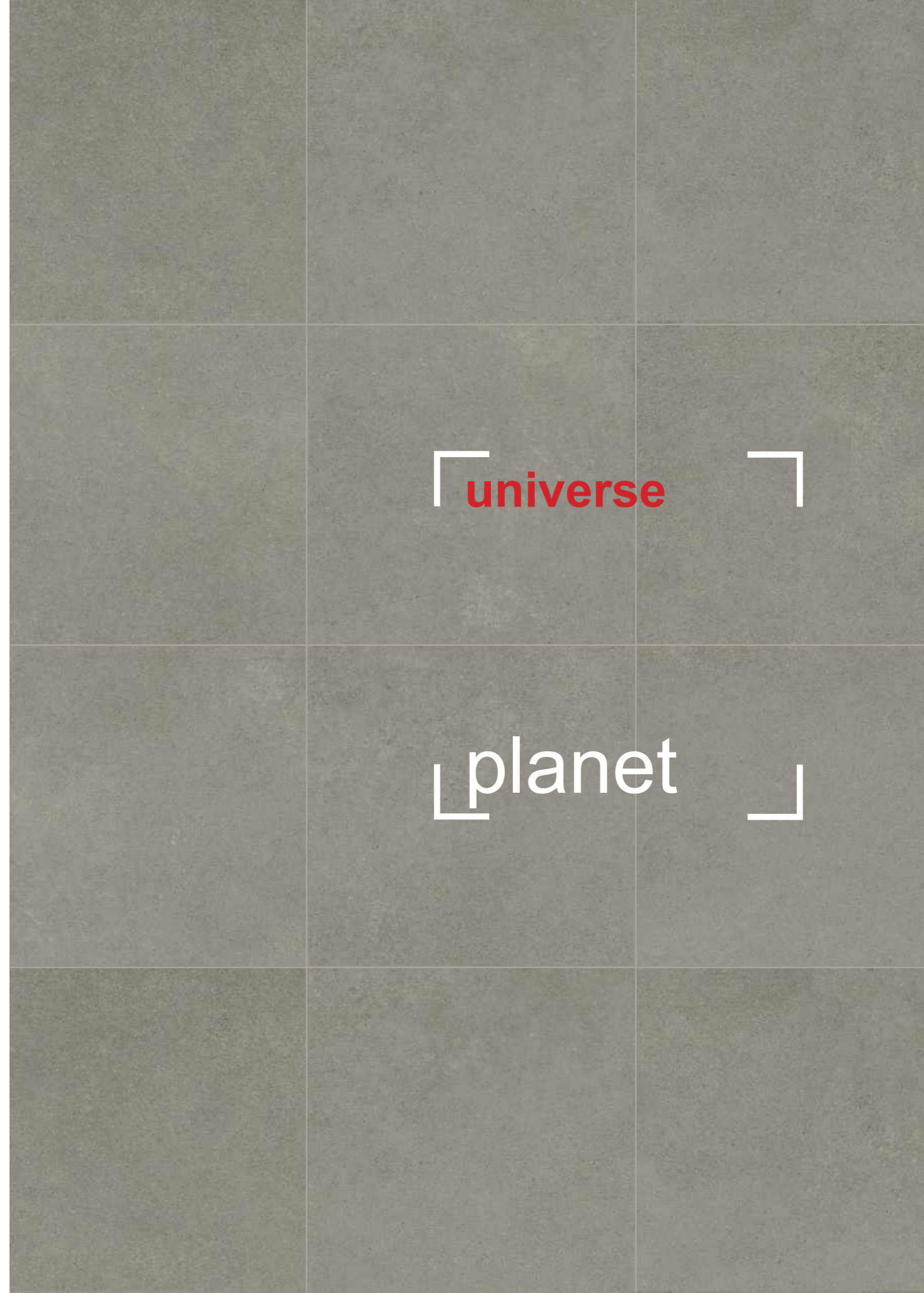


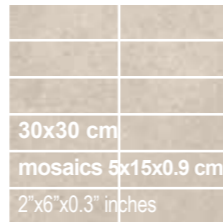
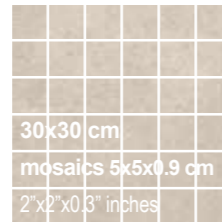
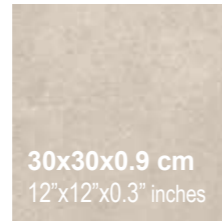
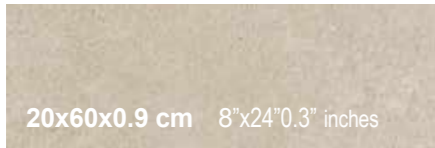
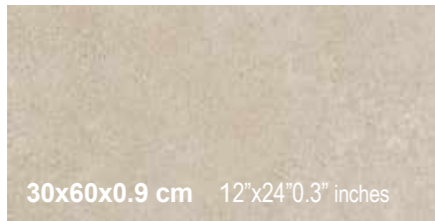
R 11 UGL

2cm  R 11 UGL



V2
 Licht genuanceerde Kleurschakering
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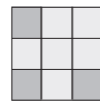




R 11 UGL

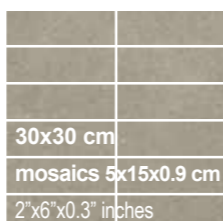
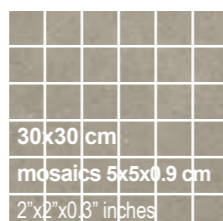
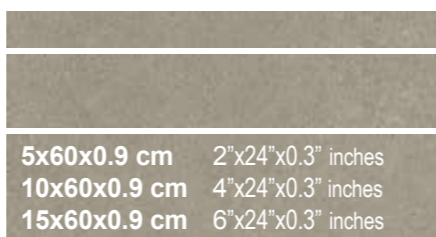
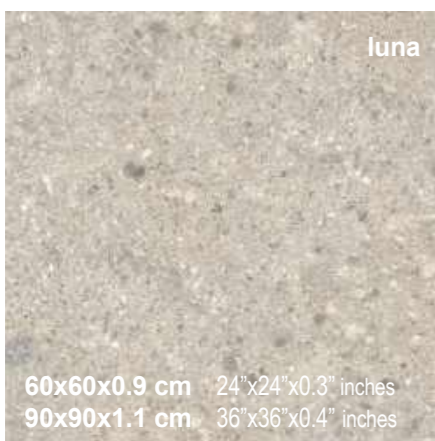
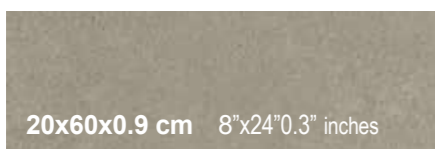
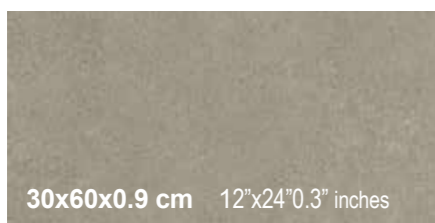


2cm R 11 UGL



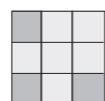
V2
 Licht genuanceerde Kleurschakering
 Ton légèrement nuancé
 Slightly different tone
 Leicht unregelmäßig im Farbton
 Leggermente mosso nel tono



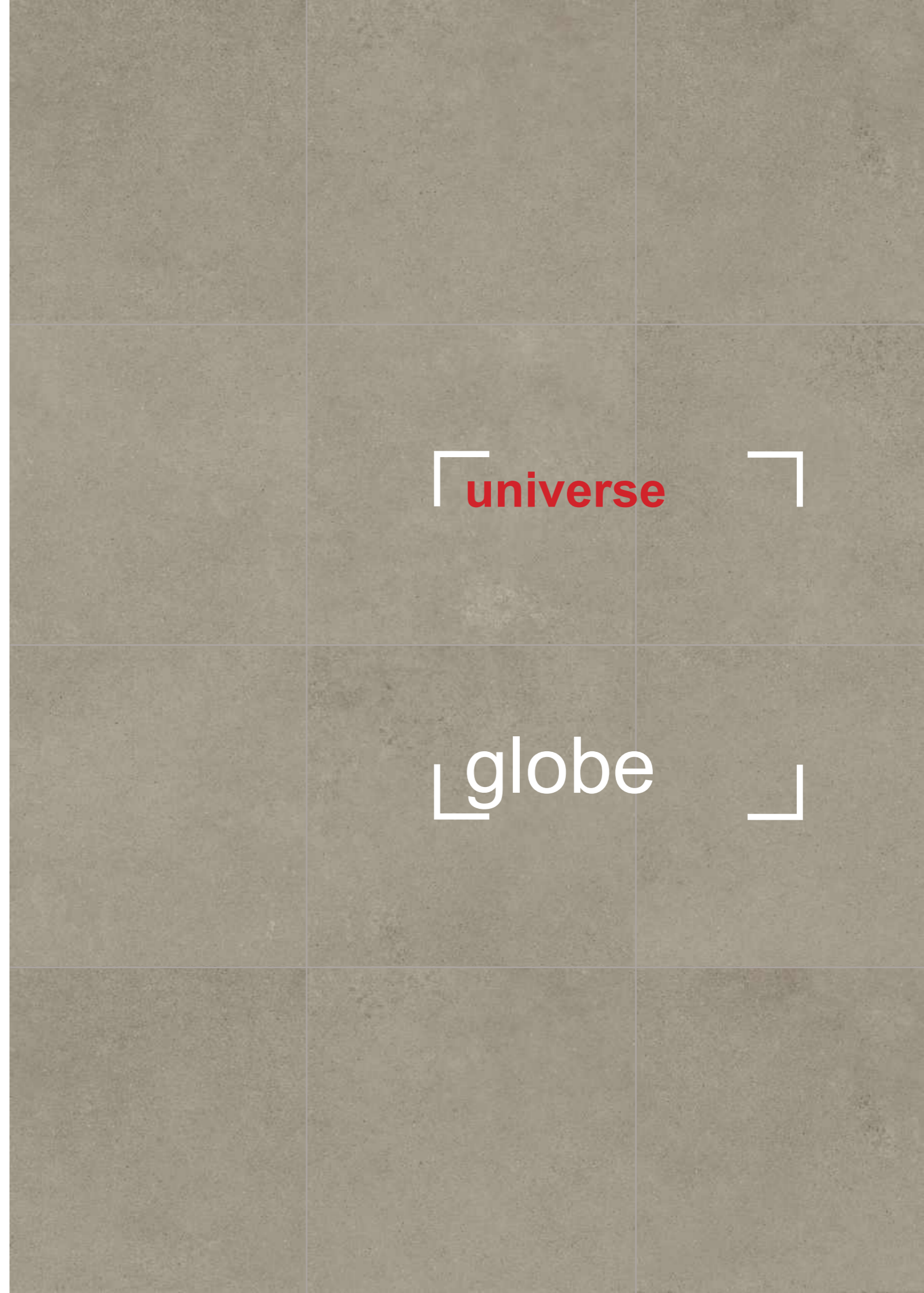


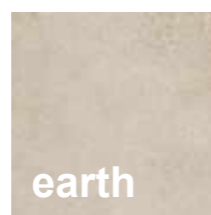
R 11 UGL

2cm R 11 UGL

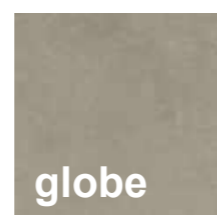


V2
 Licht genuanceerde Kleurschakering
 Ton légèrement nuancé
 Slightly different tone
 Leicht unregelmäßig im Farbton
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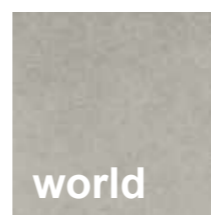




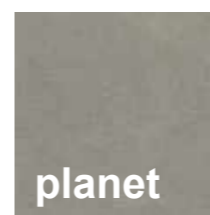
earth



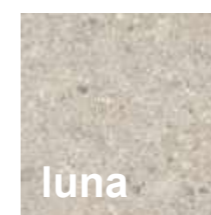
globe



world



planet



luna





spectra

pcs/box m²/box m²/pallet kg/m²



















	30x30x0.9 cm 12"x12"x0.3" inches R10	TS RVU330	TS RVU331	TS RVU332	TS RVU333			10	0,9	57,6	20
	30x60x0.9 cm 12"x24"x0.3" inches R10	TS RVU360	TS RVU361	TS RVU362	TS RVU363			5	0,9	54	20
	45x45x0.9 cm 18"x18"x0.3" inches R10	TS RVU440	TS RVU441	TS RVU442	TS RVU443			6	1,22	41,48	20
	45x90x1.1 cm 18"x36"x0.4" inches R10	TS RVU490	TS RVU491	TS RVU492	TS RVU493			4	1,62	43,74	24
	90x90x1.1 cm 36"x36"x0.4" inches R10	TS RVU990	TS RVU991	TS RVU992	TS RVU993	TS RVU99L	TS RVU99S	2	1,62	38,88	24
	60x60x0.9 cm 24"x24"x0.3" inches R10	TS RVU660	TS RVU661	TS RVU662	TS RVU663	TS RVU66L	TS RVU66S	4	1,44	51,84	20
	60x60x0.9 cm 24"x24"x0.3" inches R11	TS RVU60X	TS RVU61X	TS RVU62X	TS RVU63X			4	1,44	51,84	20
	60x120x1.0 cm 24"x48" x0.4" inches R10	TS RVU160	TS RVU161	TS RVU162	TS RVU163			2	1,44	43,2	23,5
	30x120x1.0 cm 12"x48"x0.4" inches R10	TS RVU130	TS RVU131	TS RVU132	TS RVU133			4	1,44	23,04	23,5
	60x60x2 cm 24"x24"x0.8" inches R11	TS RVU60X2	TS RVU61X2	TS RVU62X2	TSRVU63X2			2	0,72	23,04	45
	20x60x0.9 cm 8"x24"x0.3" inches	TS RVU260	TS RVU261	TS RVU262	TS RVU263			12	1,44	51,84	20
	30x30 cm mosaics 5x5x0.9 cm 2"x2"x0.3" inches	TS RVUM50	TS RVUM51	TS RVUM52	TS RVUM53			6			
	30x30 cm mosaics 5x15x0.9 cm 2"x6"x0.3" inches	TS RVUM10	TS RVUM11	TS RVUM12	TS RVUM13			12			
	5x60x0.9 cm 2"x24"x0.3" 10x60x0.9 cm 4"x24"x0.3" 15x60x0.9 cm 6"x24"x0.3"	TS RVUST0	TS RVUST1	TS RVUST2	TS RVUST3			21	1,26	51,84	

Plinten | Plinthes | Skirtings | Sockel | Battiscopa

	7x30 cm 3"x12" inches R10	TS RVU330P	TS RVU331P	TS RVU332P	TS RVU333P			18			
	7x45 cm 3"x18" inches R10	TS RVU440P	TS RVU441P	TS RVU442P	TS RVU443P			18			
	7x60 cm 3"x24" inches R10	TS RVU660P	TS RVU661P	S RVU662P	TS RVU663P	TS RVU66LP	TS RVU66SP	18			
	7x90 cm 3"x36" inches R10	TS RVU990P	TS RVU991P	TS RVU992P	TS RVU993P	TS RVU99LP	TS RVU99SP	18			

 	Reference Standard:	EN 14411: 2012 Ceramic Floor and Wall Tiles: Definitions, Classification, Characteristics and Marking
	Product Type:	Dry Pressed: Group BIa UGL U4P4 E3C2
	Touchstones:	Full Body Porcelain Tiles -UNIVERSE
	Use:	Internal and External Wall and Floor Tiles

NOTES

TEST METHODS		STANDARD AND TEST VALUE		DECLARED VALUES	
				R10	R11
	Length and Width	ISO 10545-2	± 0,5%	± 0,2%	± 0,2%
	Deviation of mean thickness from manufacturing thickness		± 5%	± 5%	± 5%
	Straightness of the edges		± 0,5%	± 0,3%	± 0,3%
	Orthogonality		± 0,6%	± 0,3%	± 0,3%
	Surface Flatness		± 0,5%	± 0,3%	± 0,3%
	Surface quality (% defect free)		≥ 95%	Compliant	
	Water Absorption	ISO 10545-3	≤ 0,5%	< 0,05%	
	Breaking strength (N) Thickness	ISO 10545-4	≥ 1300	> 2000	
	Bending strength (N/mm²)		> 35	> 45	
	Resistance to deep abrasion (removed Volume/mm³)	ISO 10545-6	< 175	< 160	
	Coefficient of Linear Thermal expansion (with atmospheric temperature up to 100 °C)	ISO 10545-8	Test method available	≤ 8,0x10-6 / °C	
	Resistance to Thermal shock	ISO 10545-9	Required	Resistant	
	Resistance to frost	ISO 10545-12	Required	Without visible defects	
	Resistance to Acids and high concentrations Bases	ISO 10545-13	The producer declares the classification	Test available	
	Resistance to Acids and low concentrations Bases			Class ULA	
	Resistance to household chemicals and swimming pool water additives			Min. Class UB	
	Resistance to staining	ISO 10545-14	Test method available	Min. Class 4	
	Antislip Resistance (With shoes)	DIN 51130	Máx. R13	R10	R11
	Antislip Resistance	DIN 51097	Máx. C	A	C
	Antislip Resistance	EN 13036-4	Test method available	Test available	
	Resistance to heavy shock	UPEC CSTB	Level 0 to 5	Level 3	
	Reaction to fire	Decision 96/603/CE	A1 _{FL}	Class A1 _{FL}	

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