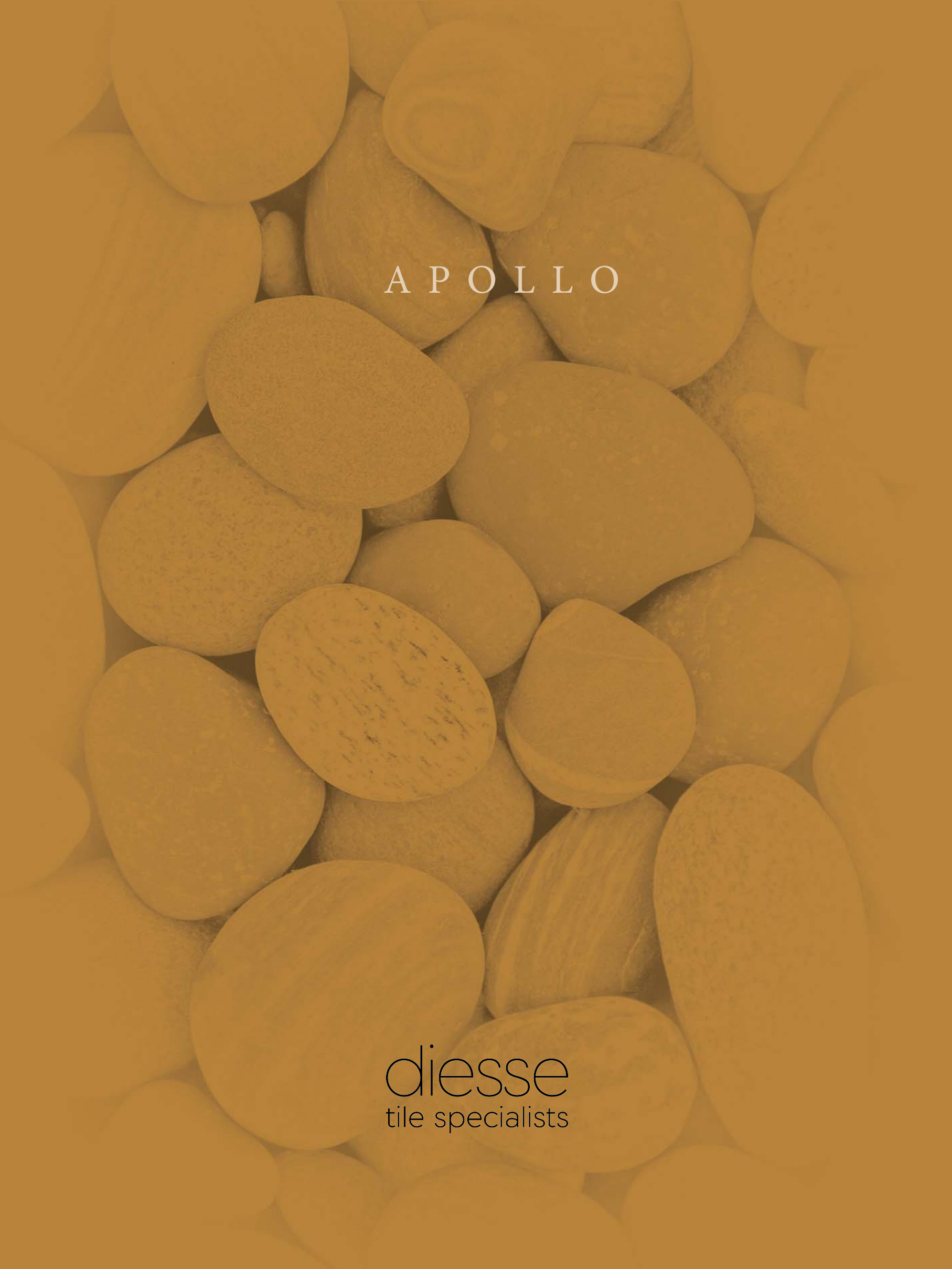


The background of the entire image is a dense, overlapping pattern of smooth, light-colored stones or tiles. The stones vary in shape, mostly being oval or rounded, and have a matte, slightly textured surface. The color is a warm, golden-brown or light tan. The lighting is soft and even, highlighting the natural grain and subtle variations in the stones' surfaces.

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THE STYLISTIC POWER OF
CONTRASTS

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THE INDUSTRIAL LOOK OF CONCRETE
MEETS THE MULTICOLOURED TEXTURES
OF TERRAZZO IN A DECIDEDLY
CONTEMPORARY COMPOSITIONAL MIX.



APO 01



APO 02



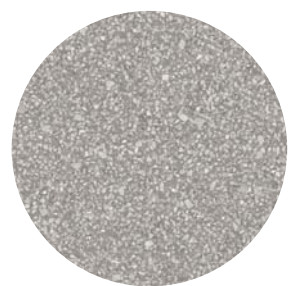
APO 03



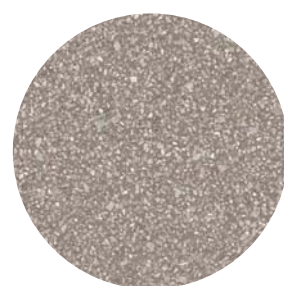
APO 04



APO 05



APO 06

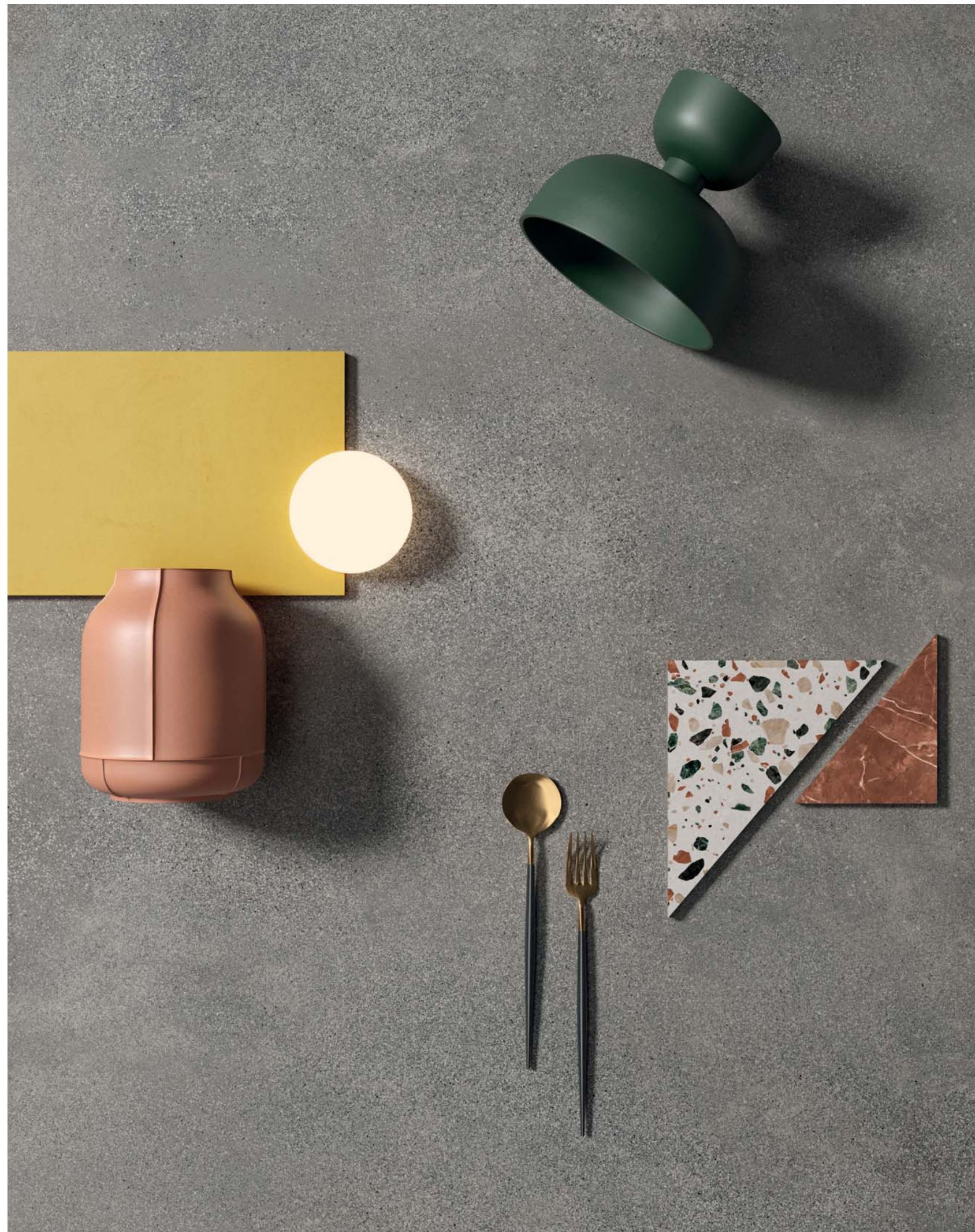


APO 07



APO 08







FLOOR
Apollo APO 03 600x1200 rett

FLOOR
Apollo APO 03 600x1200 rett



WA LL
Apollo APO 03 1200x2800

FLOOR
Apollo APO 03 600x600

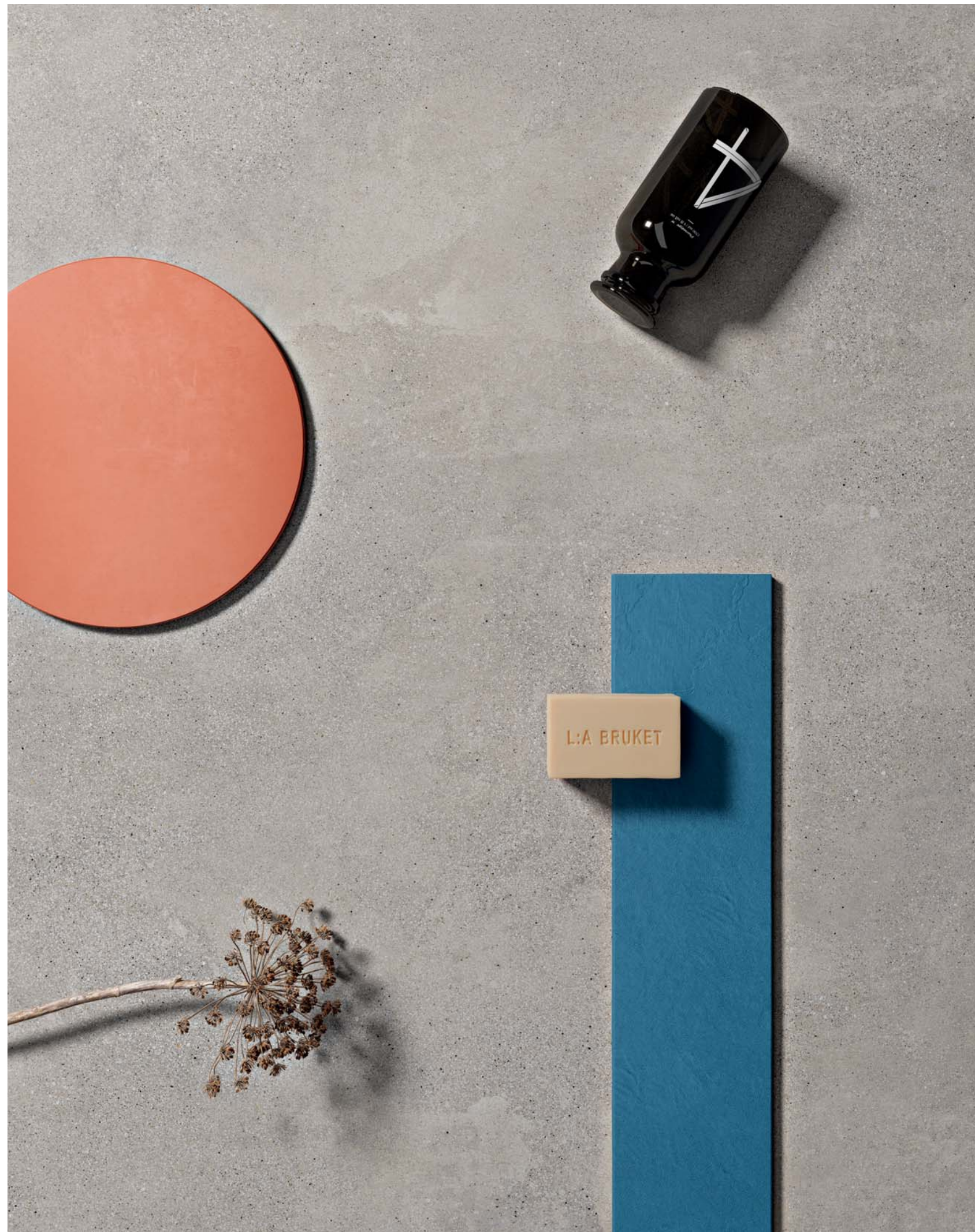


OUTDOOR FLOOR
OUT20 Apollo APO 03 R11 20 MM
900x900

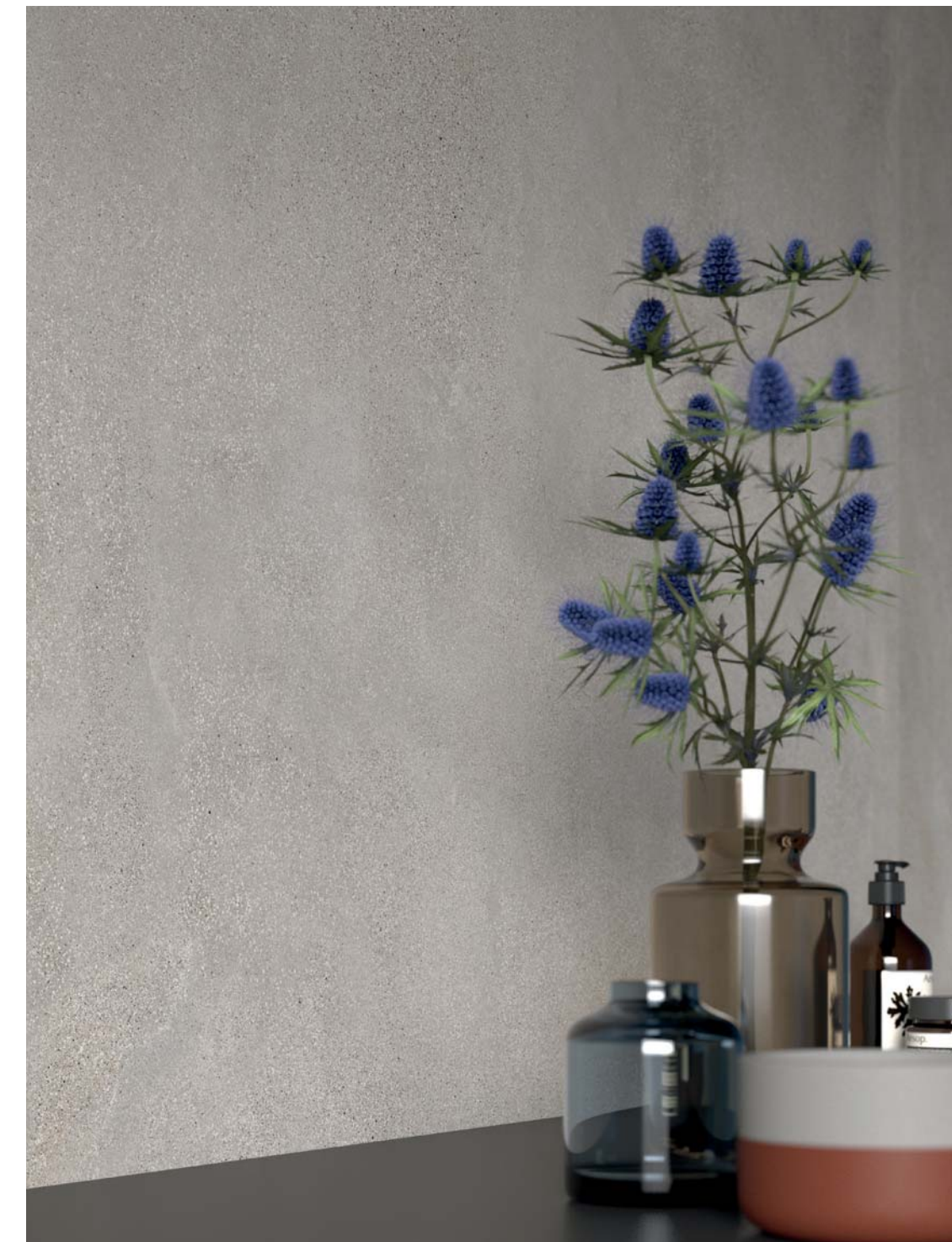


WA LL
Apollo Concrete Grey
1200x2800

A P O 0 2



WALL
Apollo APO 02 1200x2800 rett

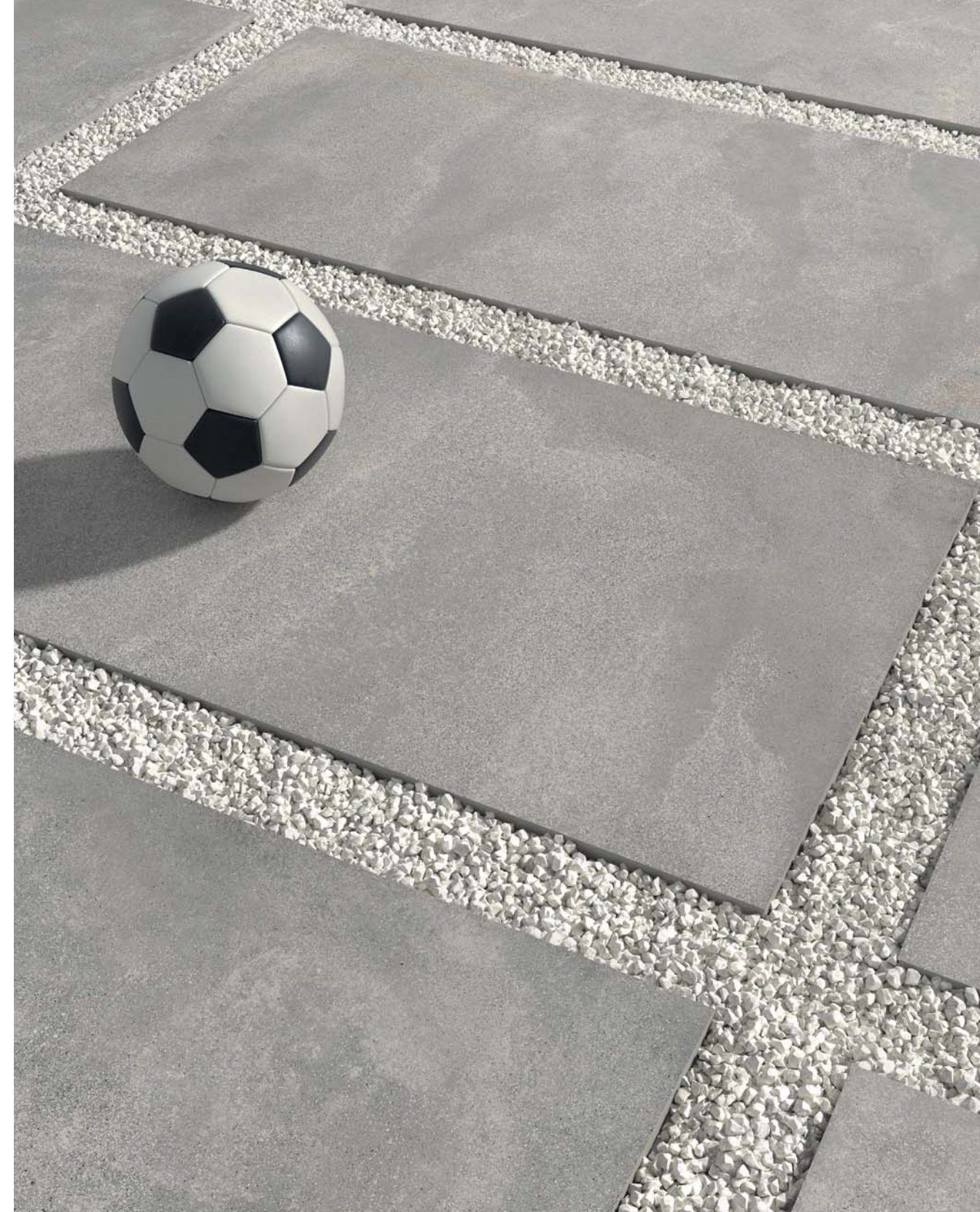




WALL Apollo APO 02 1200x2800 rett,
Apollo APO 02 600x1200 rett



FLOOR
Apollo APO 02 600x600

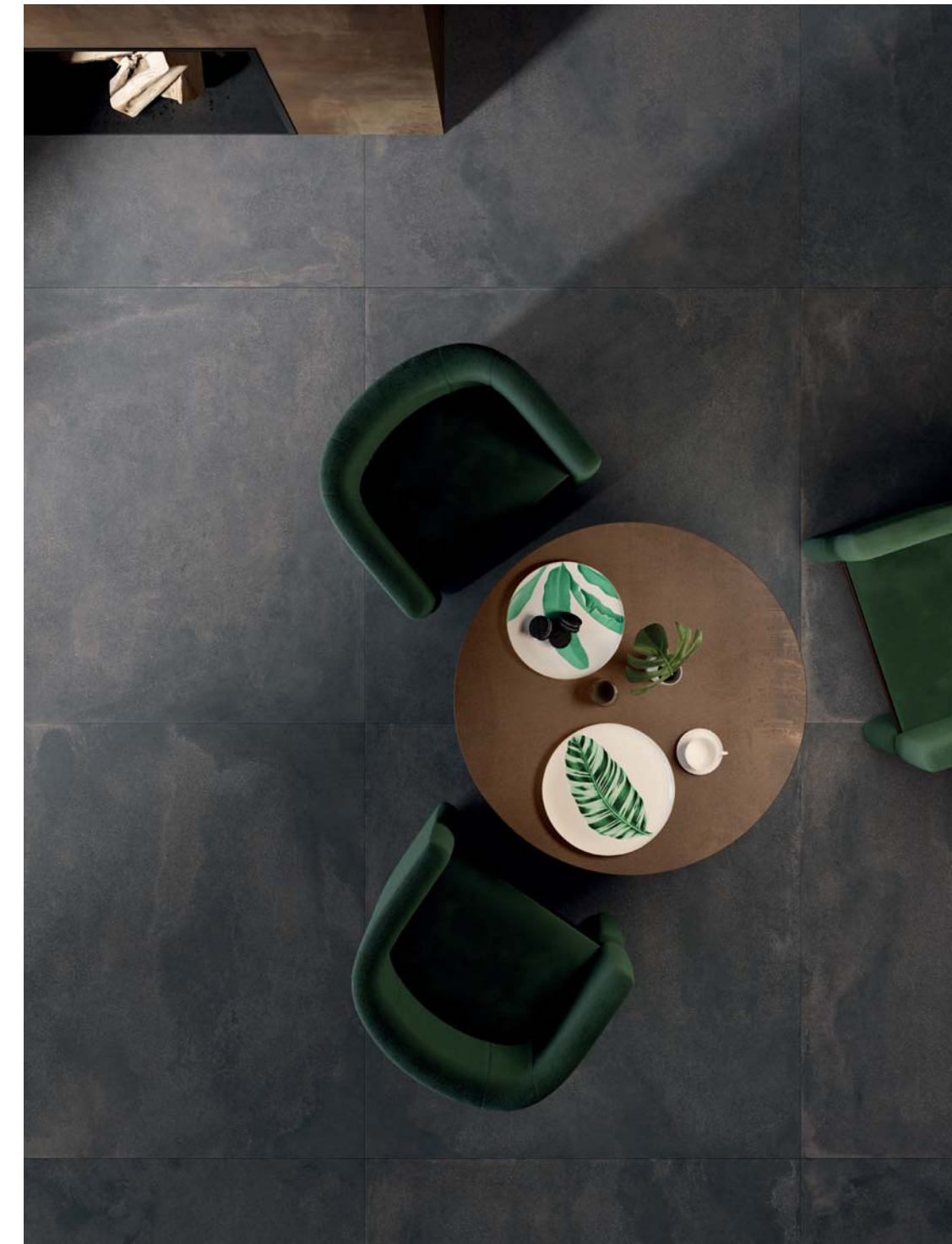


OUTDOOR FLOOR
OUT20 Apollo APO 02 R11 600x1200 20 MM

A P O 0 4



FLOOR
Apollo APO 04 1200x1200





FLOOR
Apollo APO 04 1200x1200



WALL Apollo APO 04 600x1200



WALL
Apollo APO 04 1200x2800

Apollo APO 02 1200x2800

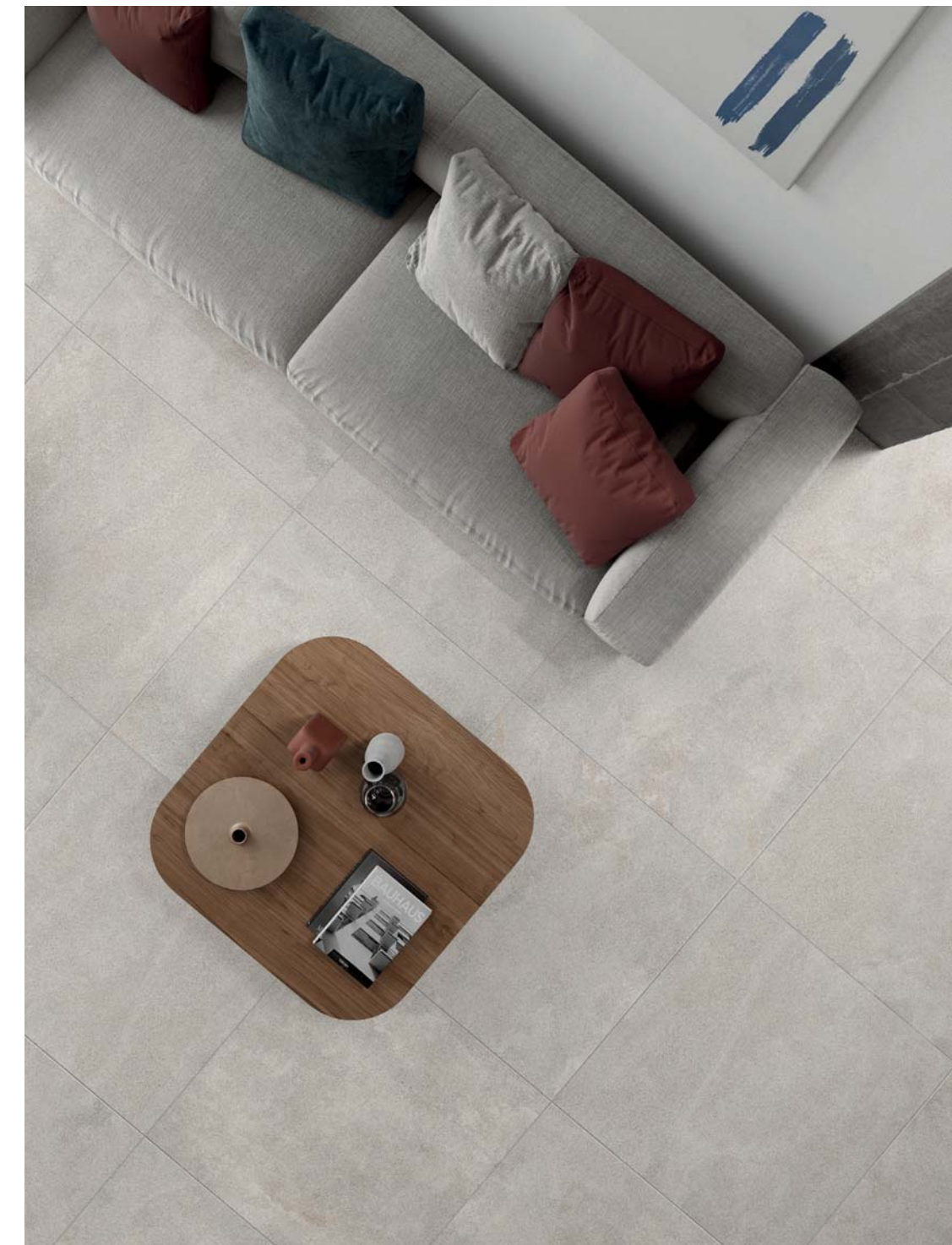
FLOOR
Apollo APO 04 600x600



FLOOR
Apollo APO 04 Nat.
600x12000



FLOOR
Apollo APO 01 900x900







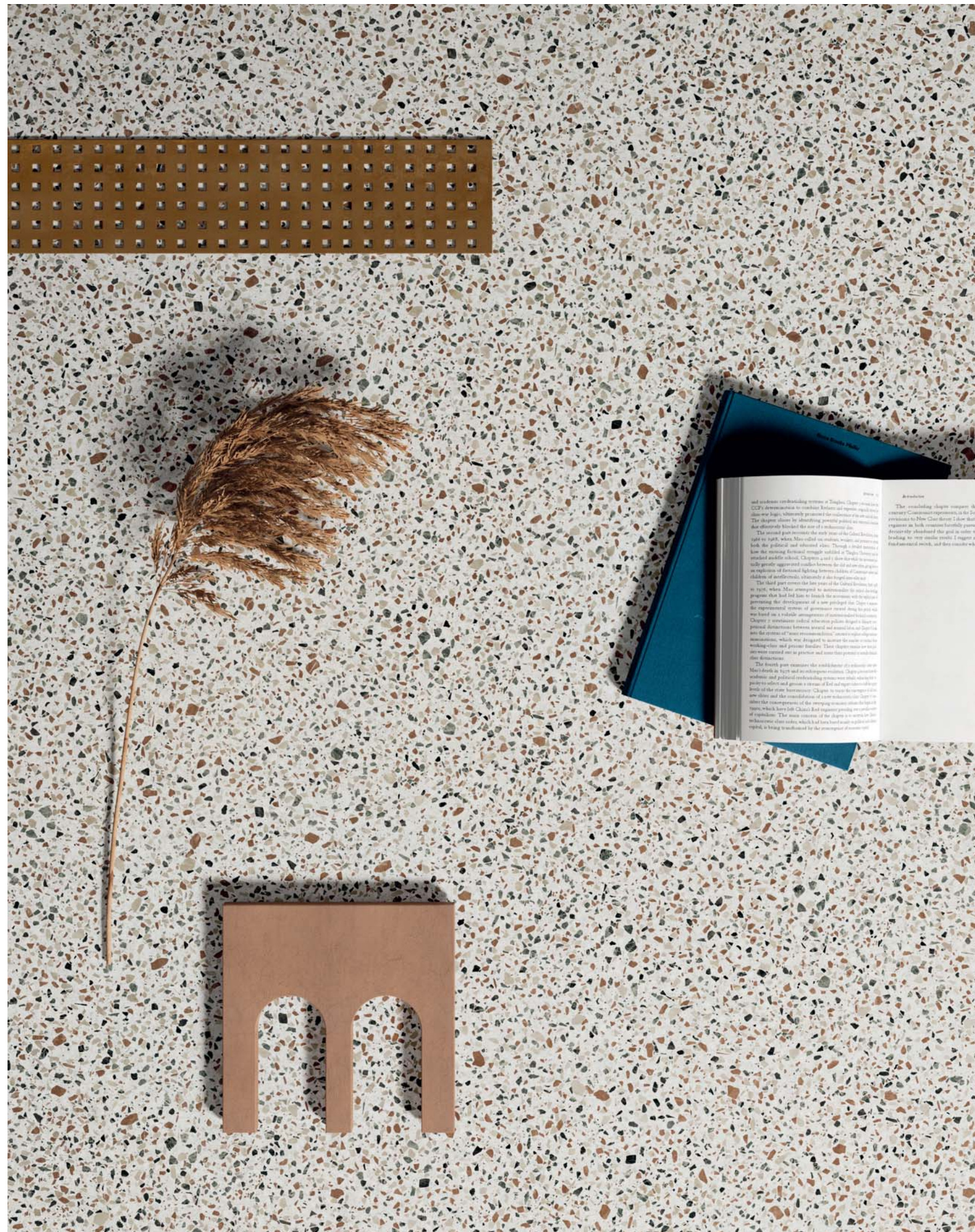
WALL
Apollo APO 01 600x1200

Apollo APO 05 600x1200

FLOOR
Apollo APO 01 600x1200



FLOOR
Apollo APO 03 Nat. 600x1200



FLOOR
Apollo APO 05 900x900 lapp





FLOOR
Apollo APO 05 900x900 lapp



WA LL
Apollo APO 08 600x1200

FLOOR
Apollo APO 04 600x1200





FLOOR
Apollo APO 08 900x900 rett





WALL
Apollo APO 06 600x1200, Apollo APO 02 600x1200

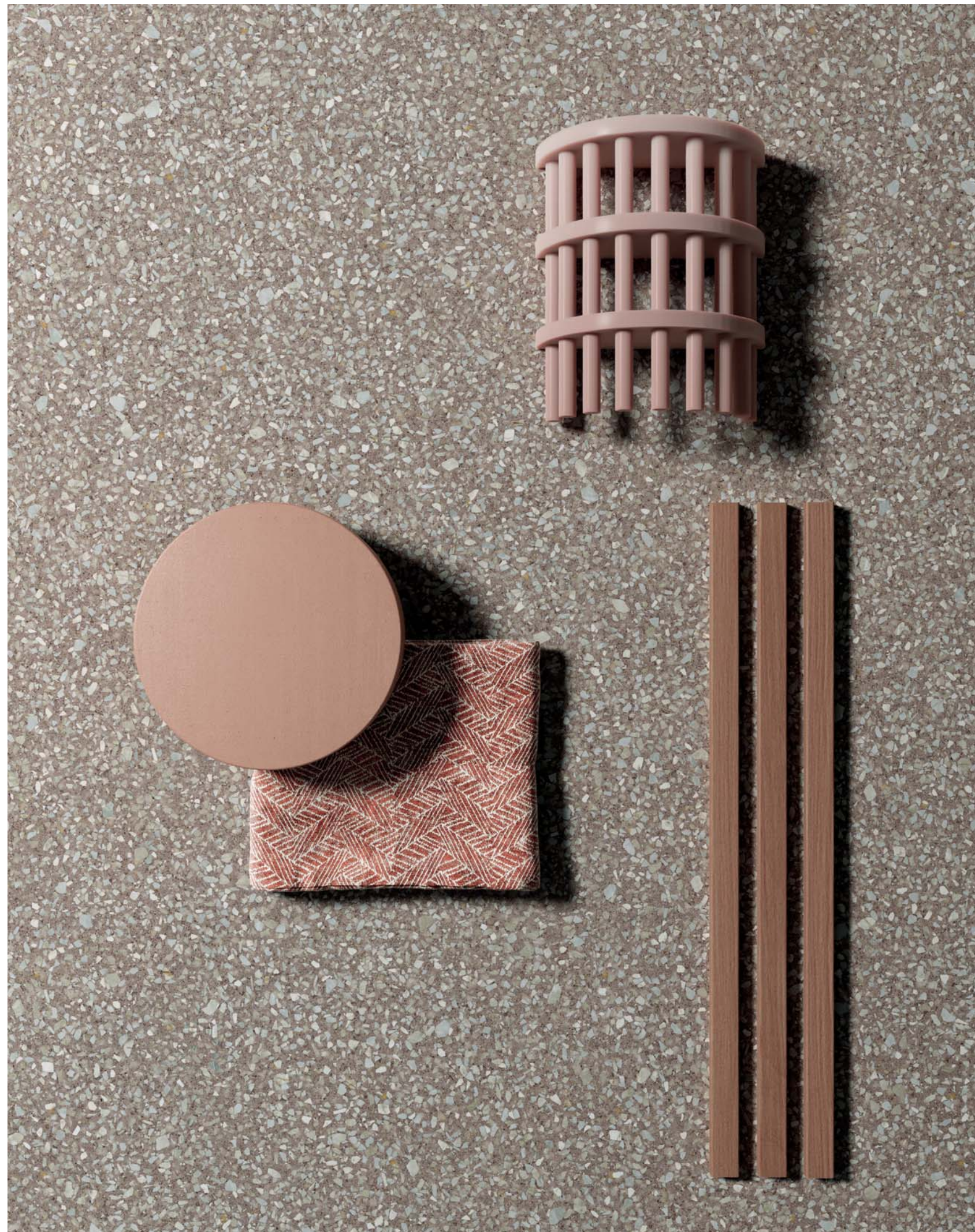




FLOOR
Apollo APO 06 600x1200



FLOOR
Apollo APO 06 600x1200 rett.



FLOOR
Apollo APO 07 900x900 rett





FLOOR
Apollo APO 07 900x900 rett.



WALL
Apollo APO 07 600x1200

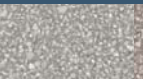
FLOOR
Apollo APO 07 600x1200



WALL
Apollo Dots Taupe 600x1200 rett

APOLLO

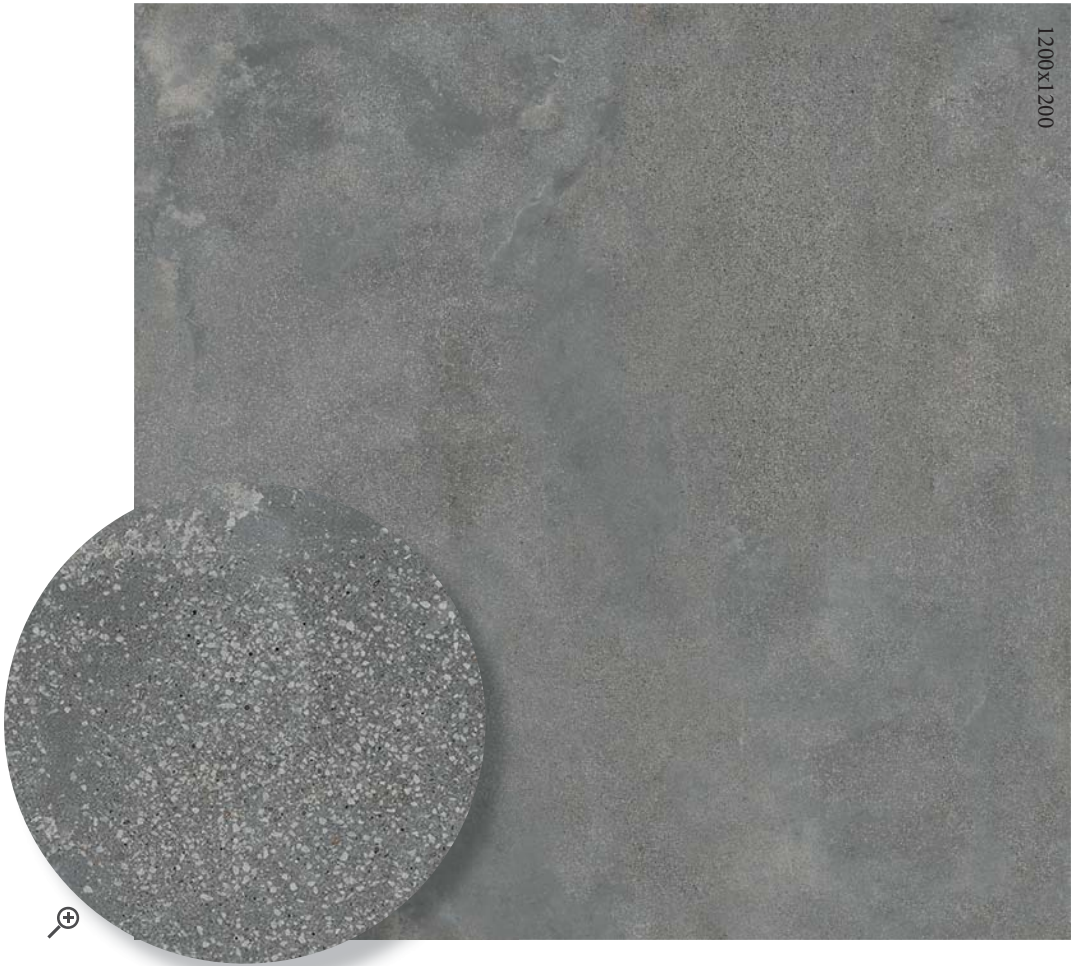
COLOUR AND SIZE CHART

									
	▼ ▲	APO 03	APO 02	APO 04	APO 01	APO 5	APO 08	APO 06	APO 07
1200x2800 nat. rett.	6	•	•	•	•				
1200x1200 nat. rett. P.tech	8,5	•	•	•	•				
600x1200 mat. rett. P.tech	8,5	•	•	•	•	•	•	•	•
900x900 nat. rett. P.tech	8,5	•	•	•	•	•	•	•	•
900x900 lapp rett.	8,5					•	•	•	
600x600 nat. rett. P.tech	8,5	•	•	•	•	•	•	•	
300x600 nat. rett. P.tech	8,5	•	•	•	•				
600x600 R11	8,5			•	•				
600x1200 R11 P.tech	20		•						
900x900 R11 P.tech	20	•	•		•				

APOLLO

APO 03

6 mm			
1200x2800	nat	rett.	
8,5 mm			
1200x1200	nat rett.	Ptech R10 C	
600x1200	nat rett.	Ptech R10 C	
900x900	nat rett.	Ptech R10 C	
600x600	nat rett.	Ptech R10 C	
300x600	nat rett.	Ptech R10 C	
20 mm OUT.20			
900x900	R11 rett.	Ptech	



APO 02

6 mm			
1200x2800	natrett.		
8,5 mm			
1200x1200	nat rett.	Ptech R10 C	
600x1200	nat rett.	Ptech R10 C	
900x900	nat rett.	Ptech R10 C	
600x600	nat rett.	Ptech R10 C	
300x600	nat rett.	Ptech R10 C	
20 mm OUT.20			
600x1200	R11 rett.	Ptech	
900x900	R11 rett.	Ptech	



APO 04

6 mm			
1200x2800	nat rett.		
8,5 mm			
1200x1200	nat rett.	Ptech R10 C	
600x1200	nat rett.	Ptech R10 C	
900x900	nat rett.	Ptech R10 C	
600x600	nat rett.	Ptech R10 C	
600x600	R11 rett.		
300x600	nat rett.	Ptech R10 C	



APO 01

6 mm			
1200x2800	nat rett.		
8,5 mm			
1200x1200	nat rett.	Ptech R10 C	
600x1200	nat rett.	Ptech R10 C	
900x900	nat rett.	Ptech R10 C	
600x600	nat rett.	Ptech R10 C	
600x600	R11 rett.		
300x600	nat rett.	Ptech R10 C	
20 mm OUT.20			
900x900	R11 rett.	Ptech	



A P O L L O

A P O 05

8,5 mm		
600x1200	nat rett.	Ptech R10 C
900x900	nat rett.	
900x900	lapp. rett.	
600x600	nat rett.	Ptech R10 C



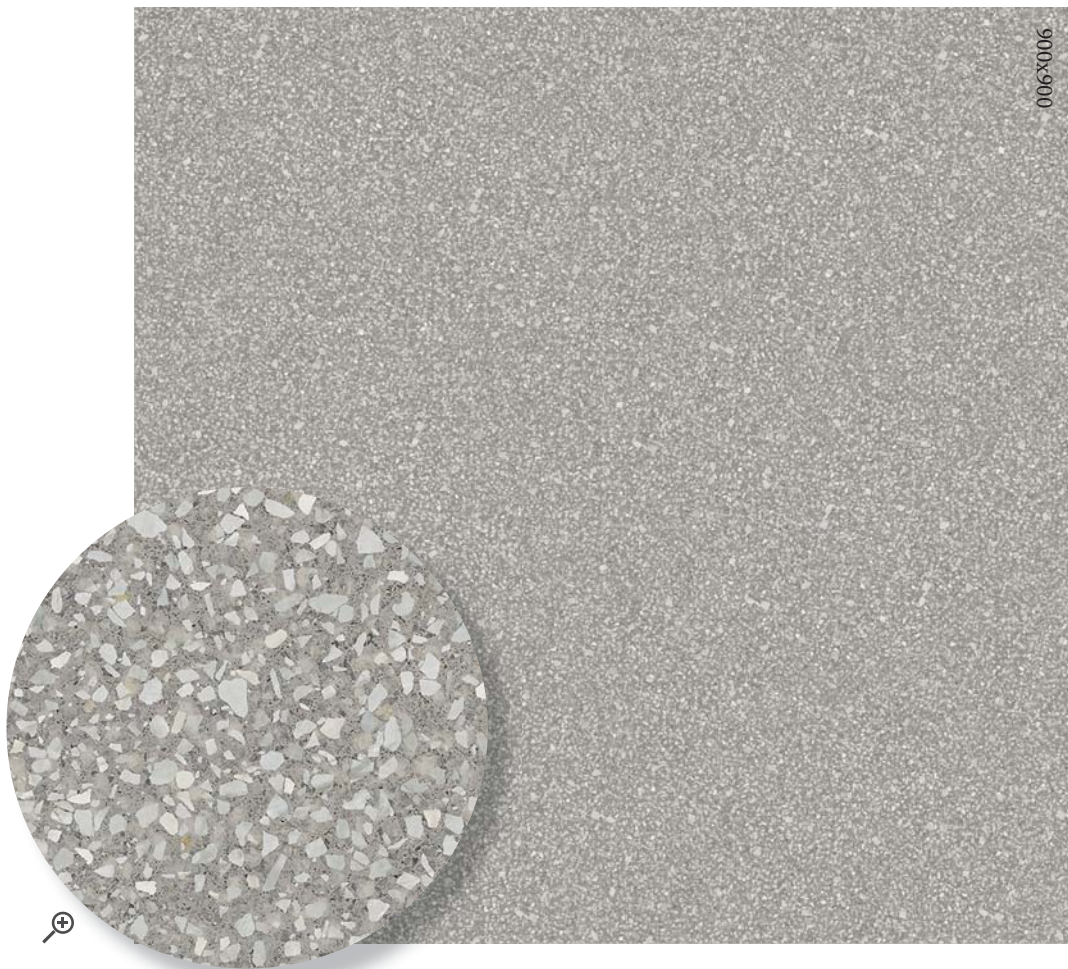
A P O 08

8,5 mm		
600x1200	nat rett.	Ptech R10 C
900x900	nat rett.	
900x900	lapp. rett.	
600x600	nat rett.	Ptech R10 C



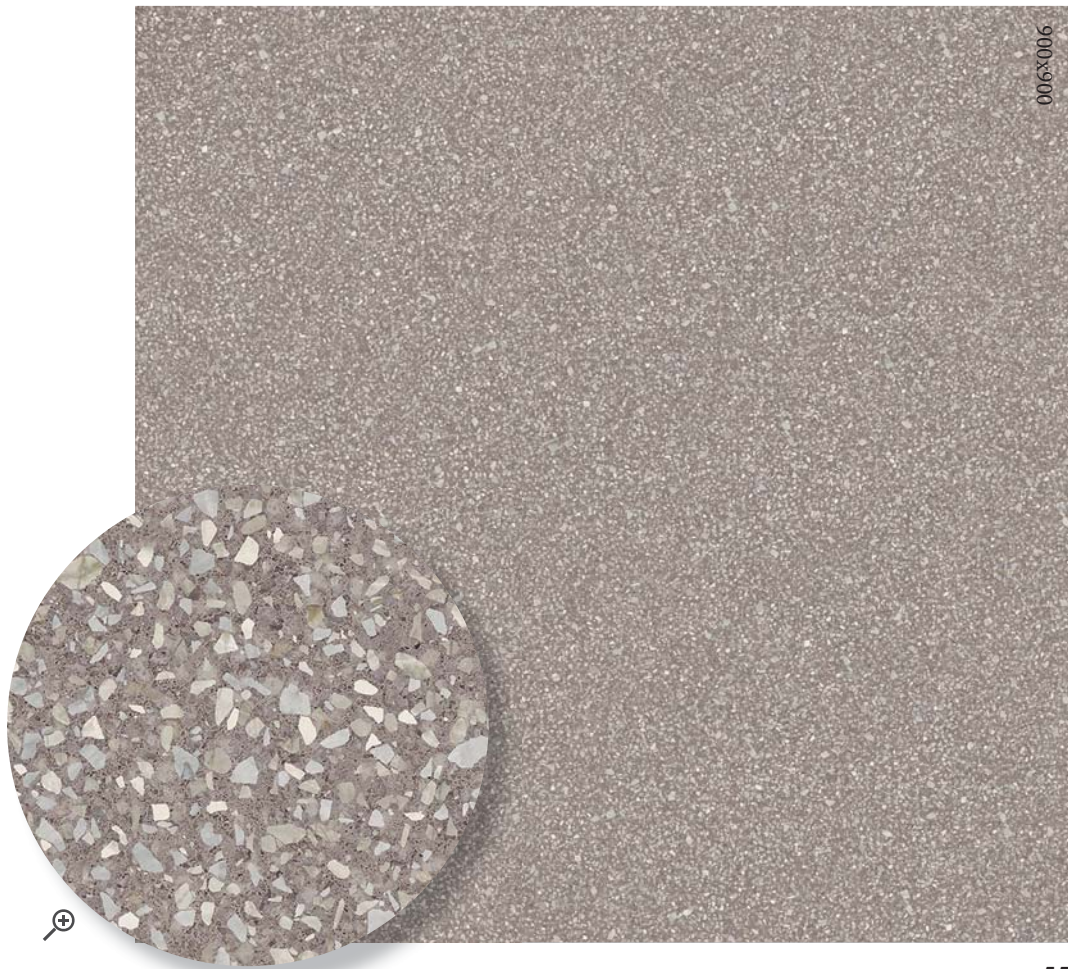
A P O 06

8,5 mm		
600x1200	nat rett.	Ptech R10 C
900x900	nat rett.	
900x900	lapp. rett.	
600x600	nat rett.	Ptech R10 C



A P O 07

8,5 mm		
600x1200	nat rett.	Ptech R10 C
900x900	nat rett.	



TECHNICAL FEATURES

FULL BODY PORCELAIN

CLASSIFICATION IN ACCORDANCE WITH UNI EN 14411 (ISO 13006) ANNEX G-Group B1a UGL

OUT.20 FULL BODY COLORED PORCELAIN

CLASSIFICATION IN ACCORDANCE WITH UNI EN 14411 (ISO 13006) ANNEX G-Group B1a GL

PROPRIETÀ FISICO-CHIMICHE PHYSICAL-CHEMICAL PROPERTIES	NORMA NORM	VALORE PRESCRITTO DALLE NORME VALUE PRESCRIBED FROM THE NORMS	*VALORE ABK ABK VALUE BLEND NAT.	*VALORE ABK ABK VALUE BLEND P.TECH	*VALORE ABK ABK VALUE BLEND R11
LUNGHEZZA E LARGHEZZA DIMENSIONE MEDIA DI OGNI PIASTRELLA LENGTH AND WIDTH OF THE AVERAGE-SIZES TILE	UNI EN ISO 10545/2	± 0,6%	CONFORME ACCORDING	CONFORME ACCORDING	CONFORME ACCORDING
SPESSORE THICKNESS	UNI EN ISO 10545/2	± 5%	CONFORME ACCORDING	CONFORME ACCORDING	CONFORME ACCORDING
RETTILINEARITÀ SPIGOLI WARPAGES OF EDGES	UNI EN ISO 10545/2	± 0,5%	CONFORME ACCORDING	CONFORME ACCORDING	CONFORME ACCORDING
ORTOGONALITÀ WEDGING	UNI EN ISO 10545/2	± 0,6%	CONFORME ACCORDING	CONFORME ACCORDING	CONFORME ACCORDING
PLANARITÀ FLATNESS	UNI EN ISO 10545/2	± 0,5%	CONFORME ACCORDING	CONFORME ACCORDING	CONFORME ACCORDING
ASSORBIMENTO D'ACQUA WATER ABSORPTION	UNI EN ISO 10545/3	E ≤ 0,5%	CONFORME ACCORDING	CONFORME ACCORDING	CONFORME ACCORDING
RESISTENZA ALLA FLESSIONE BENDING STRENGTH	UNI EN ISO 10545/4	≥ 35 N/mm²	CONFORME ACCORDING	CONFORME ACCORDING	CONFORME ACCORDING
FORZA DI ROTTURA BREAKING STRENGTH	UNI EN ISO 10545/4	< 7,5 mm : ≥ 700 N > 7,5 mm : ≥ 1300 N	CONFORME ACCORDING	CONFORME ACCORDING	-
RESISTENZA ALL'ABRASIONE PROFONDA DELLE PIASTRELLE NON SMALTATE RESISTANCE TO DEEP ABRASION OF UNGLAZED TILES	UNI EN ISO 10545/6	< 175 mm3	CONFORME ACCORDING	CONFORME ACCORDING	CONFORME ACCORDING
RESISTENZA ALL'ABRASIONE SUPERFICIALE PER PIASTRELLE SMALTATE ABRASION RESISTANCE FOR GLAZED TILES	UNI EN ISO 10545/7	DICHIARATO DALL'AZIENDA PRODUTTRICE DECLARED BY THE MANUFACTURING COMPANY	-	-	IN FUNZIONE DELLA DESTINAZIONE D'USO ACCORDING TO THE DESTINATION OF FINAL USE
RESISTENZA AGLI SBALZI TERMICI THERMAL SHOCK RESISTANCE	UNI EN ISO 10545/9	RICHIESTA REQUIRED	RESISTE RESISTS	RESISTE RESISTS	RESISTE RESISTS
RESISTENZA AL GELO FROST RESISTANCE	UNI EN ISO 10545/12	RICHIESTA REQUIRED	INGELIVO FROST PROOF	INGELIVO FROST PROOF	INGELIVO FROST PROOF
RESISTENZA ALL'ATTACCO CHIMICO CHEMICAL RESISTANCE	UNI EN ISO 10545/13	MIN UB	CONFORME ACCORDING	CONFORME ACCORDING	-
		MIN GB	-	-	CONFORME ACCORDING
RESISTENZA ALLE MACCHIE RESISTANCE TO STAINING	UNI EN ISO 10545/14	UGL VALORE DA DICHIARARE VALUE TO DECLARE	CONFORME ACCORDING	CONFORME ACCORDING	-
		GL ≥ MINIMO CLASSE 3	-	-	CONFORME ACCORDING
RESISTENZA ALLO SCIVOLAMENTO SLIP RESISTANCE	B.C.R.A. C.A.	μ 0,19 SCIVOLOSITÀ PERICOLOSA - DANGEROUSLY SLIPPERY 0,20 < μ < 0,39 SCIVOLOSITÀ ECCESSIVA - EXCESSIVELY SLIPPERY	> 0,40	> 0,40	> 0,40
	B.C.R.A. G.B.	0,40 < μ < 0,74 ATTRITO SODDISFACENTE - SATISFACTORY GRIP μ 0,75 ATTRITO ECCELLENTE - EXCELLENT GRIP	> 0,40	> 0,40	> 0,40
	ASTM C 1028 (S.C.O.F.)	SLIP RESISTANT (> 0,60)	> 0,60 DRY	> 0,60 DRY	> 0,60 DRY
			> 0,60 WET	> 0,60 WET	> 0,60 WET
	DIN 51130	IN FUNZIONE DELL'AMBIENTE O DELLA ZONA DI LAVORO BASING ON THE ENVIRONMENT OR THE WORKING AREA	R10	R10	R11
	DIN 51097	-	A+B	A+B+C	A+B+C
	ANSI A 137-1:2012 (D.C.O.F.)	≥ 0,42	> 0,42	> 0,42	> 0,42
	AS/NZS 4586:2013	SRV : 35 - 44	-	P3 WET	P4 WET
	BS 7976 - 2:2002	>36	-	+36 WET	+36 WET

VARIAZIONE CROMATICA SHADE VARIATION	V2	 aspetto uniforme uniform appearance V1	 lieve variazione slight variation V2	 moderata variazione moderate variation V3	 forte variazione substantial variation V4
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* Valori medi di produzione / Average production values

P. tech

DIESSE LTD IS PRESENTING P.TECH, THE CERAMIC SURFACE THAT COMBINES A SOFT TOUCH WITH SLIP RESISTANCE.

Ongoing research and investments aimed at improving the aesthetic and technical qualities of products has enabled ABK to develop the innovative P.TECH technology, which improves the slip resistance of floors while delivering the renowned mechanical strength of porcelain stoneware and a finish that is both extremely pleasant to the touch and easy to clean. P.TECH is not a surface treatment but the result of an innovative production process that combines raw material selection with the pressing and firing phases. These surfaces come up to the strictest standards in terms of coefficient of friction such as the AS/NZS 4586:2013 (Australian pendulum test) and BS 7976 - 2:2002 (British pendulum test) and can be cleaned using water and ordinary cleaning agents, making them the ideal choice for projects in public or commercial areas such as outdoor, wellness and hospitality facilities. P.TECH products are also sufficiently versatile to enable the same surface to be used in different but communicating spaces such as interiors and exteriors, thereby guaranteeing the maximum design flexibility.

PACKAGING

F.to nominale Nominal size	Finitura Finish	Spessore Thickness	F.to reale (mm) Work size (mm)	Imballo Packing	Pz/Scat. Pcs/Box	Mq/Scat. Sqm/Box	Kg/Scat. Kg/Box	Scat./lmb. Box/Packing	Pz Totali Pcs Total	Mq totali Sqm total	Kg lmb. Kg Packing	Kg Totali Kg Total
120x280 48"x112"	rett	6	1194x2800	Cassa Crate	-	-	-	-	20	67,20	95	1.104
				Cavalletto Rack pallet	-	-	-	-	36	121,00	120	1.935
				Cavalletto container Container Rack pallet	-	-	-	-	36	121,00	140	1.955
120x120 48"x48"	rett.	8,5	1194x1194	Pallet con sponde Pallet with sides	2	2,88	57,60	18	36	51,84	40	1.077
60x120 24"x48"	rett.	8,5	596x1194	pallet	2	1,44	28,80	30	60	43,20	20	884
90x90 36"x36"	rett.	8,5	895x895	pallet	2	1,62	32,40	20	44	35,64	20	733
60x60 24"x24"	rett.	8,5	596x596	pallet	3	1,08	21,60	40	120	43,20	20	884
30x60 12"x24"	rett.	8,5	297x596	pallet	6	1,08	21,60	40	240	43,20	20	884
60x120 24"x48"	rett.	20	596x1194	pallet	1	0,72	32,80	30	30	21,60	20	1.004
90x90 36"x36"	rett.	20	896x896	pallet	1	0,81	36,50	30	30	24,30	20	1.115

The minimum sales quantity for all items (plain tiles, decorations and special trims) is one full box. Data referring to packaging have been update at time of printing; the actual data may be slightly different. Due to working process special trims and decors, may show variation in tonality.

Optical features and color shades of ceramic materials illustrated in this catalogue are to be regarded as mere indications.



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