

COLECCIÓN TECHNOFLEX



**B
SC**
PLATINUM
CONCEPT&SOLUTIONS



Technoflex es equilibrio. La resistencia de un producto técnico en perfecta fusión con su ligereza y practicidad. Innovación y belleza creando armonía.

Technoflex è equilibrio. La resistenza di un prodotto tecnico in perfetta fusione con la sua leggerezza e praticità. Innovazione e bellezza creando armonia.

Technoflex is balance. The strength of a technical product in perfect fusion with its lightness and practicality. Innovation and beauty creating harmony.

PCS ofrece conceptos innovadores en la decoración de interiores. Creamos soluciones completas para cada ambiente, inspirándonos en el verdadero Italian Design.

Nuestro objetivo es seleccionar cuidadosamente las mejores soluciones para el diseño interior y exterior presentando un abanico de propuestas articuladas por materiales, texturas y colores. Somos especialistas en la creación de ambientes altamente creativos y con atmósferas únicas, adaptadas a las necesidades de cada proyecto.

PCS offre concetti innovativi nella decorazione d'interni. Creiamo soluzioni complete per ogni ambiente, ispirandoci al vero Italian Design.

Il nostro obiettivo è selezionare con cura le migliori soluzioni per l'interior e l'outdoor design presentando un ventaglio di proposte articolata per materiali, texture e colori. Siamo specialisti nella creazione di ambienti altamente creativi e dalle atmosfere uniche, calibrate sulle esigenze di ogni progetto.

PCS offers innovative concepts in interior decoration. We create complete solutions for every environment, inspired by the true Italian Design.

Our goal is to carefully select the best solutions for interior and outdoor design by presenting a range of proposals articulated materials, textures and colors. We are specialists in creating highly creative environments with unique atmospheres, tailored to the needs of each project.



La producción de esta colección tiene su sede en Guajarat, una de las regiones productoras de cerámica más importante de la India. En sólo 5 años, esta fábrica ha alcanzado los más altos estándares cualitativos y tecnológicos.

La produzione di questa collezione ha sede a Guajarat, una delle più importanti regioni produttrici di ceramica in India. In soli 5 anni, questa fabbrica ha raggiunto i più alti standard qualitativi e tecnologici.

The production of this collection is based in Gujarat, one of the most important ceramic producing regions in India. In just five years, this manufacturer has reached the highest qualitative and technological standards.



Tecnología 100% de vanguardia dedicada a la creación de porcelanato técnico de 5mm de espesor, con propiedades de alto rendimiento y acabados de alto valor y atractivo.

Tecnologia all'avanguardia al 100% dedicata alla creazione di porcellanato tecnico di 5mm di spessore, con proprietà ad alte prestazioni e finiture di alto valore e fascino.

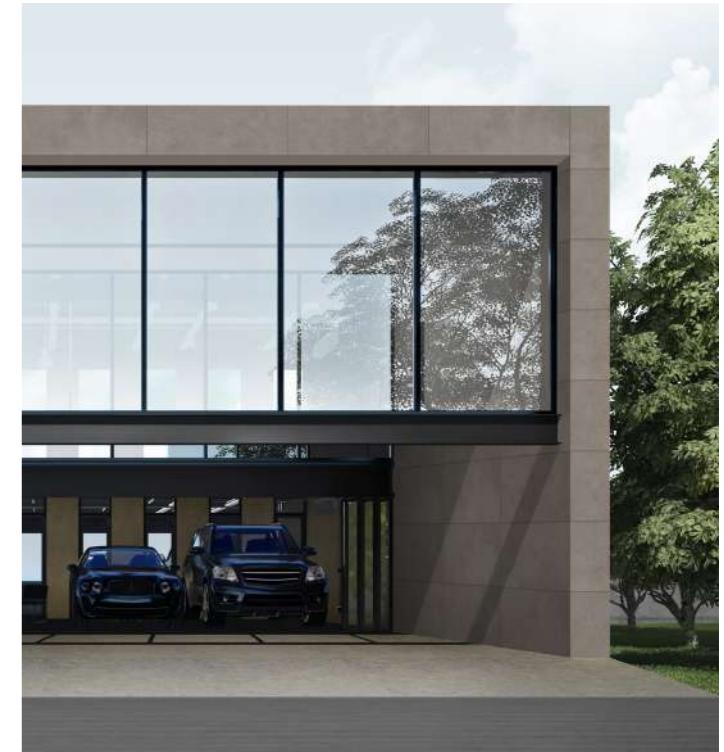
100% cutting-edge technology dedicated to the creation of 5mm thick technical porcelain, with high performance properties and high value and attractive finishes.



Technoflex es nuestra colección de porcelanato de espesor 5mm y formato 60x120, que incluye una amplia gama de colores en acabado mate. Lo que permite crear infinidad de diseños y combinaciones.

Technoflex 5mm è la nostra collezione di porcellana di spessore leggero e formato 60x120, che comprende una vasta gamma di colori in finitura opaca. Ciò consente di creare un'infinità di disegni e combinazioni.

Technoflex 5mm is our collection of porcelain of light thickness and format 60x120, which includes a wide range of colors in matt finish. This allows you to create countless designs and combinations.



Su espesor ligero de 5mm y sus propiedades técnicas son la principal fortaleza de esta colección que se distingue por ser práctica, versátil y muy bella. Aplicable en interiores o exteriores, como pavimento o revestimiento.

Il suo spessore leggero di 5mm e le sue proprietà tecniche sono la principale forza di questa collezione che si distingue per essere pratica, versatile e molto bella. Applicabile in interni o esterni, come pavimenti o rivestimenti.

Its lightweight thickness of 5mm and its technical properties are the main strength of this collection that stands out for being practical, versatile and very beautiful. Applicable in interiors or exteriors, as a pavement or cladding.



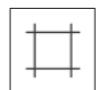
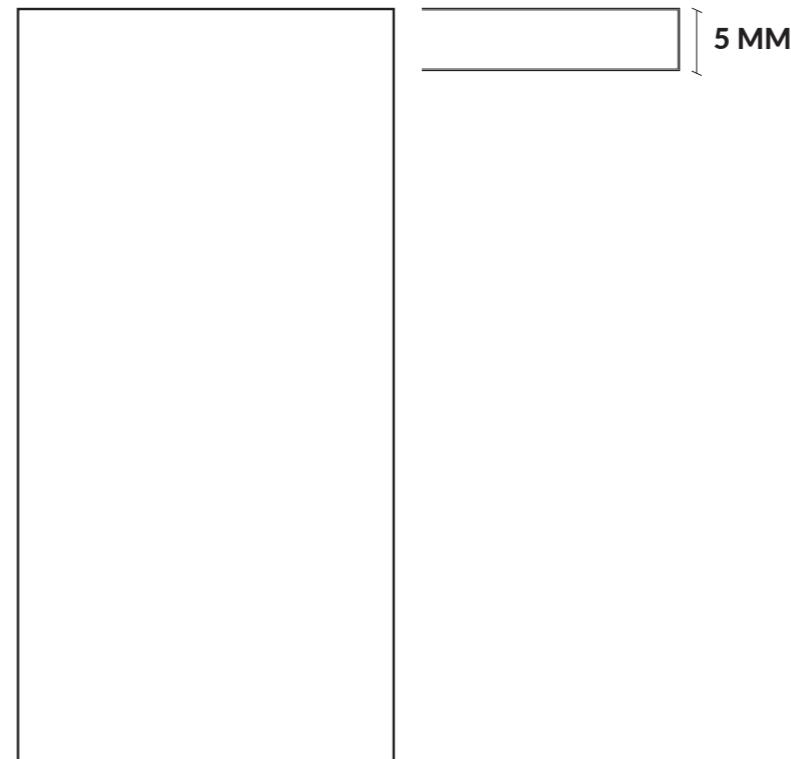
COLOR BODY	10	FULL BODY	94
DIVINE SERIES	12	PURE SERIES	95
DIAMOND WHITE	14	PURE BLACK	96
DIVINE ASH	16	PURE COBALT	98
DIVINE BIRCH	18	PURE GOLDEN	100
DIVINE CHALKY	20	PURE MOSS GREEN	102
DIVINE CHARCOAL	22	PURE OCEAN BLUE	104
DIVINE COFFEE	24	PURE OLIVE	106
DIVINE LIGHT GREY	26	PURE RED	108
DIVINE NERO	28	PURE REED GREEN	110
DIVINE OYSTER	30	PURE SILVER SPRING	112
DIVINE PEARL GREY	32	PURE SOFT PEACH	114
ELITE SERIES	35	PURE YELLOW	116
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NEO BIANCO	64		
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NEO CREMA	68		
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SLATE BRONZE	89		
SLATE COTTA	91		
SLATE GREEN COTTA	93		



TECHNOFLEX

PORCELANATO

60X120 CM



RECTIFICADO



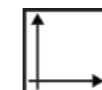
PAVIMENTO



REVESTIMIENTO



CARAS



MEDIDA



ESPESOR



ACABADO



BODY

COLOR BODY



PORCELANATO

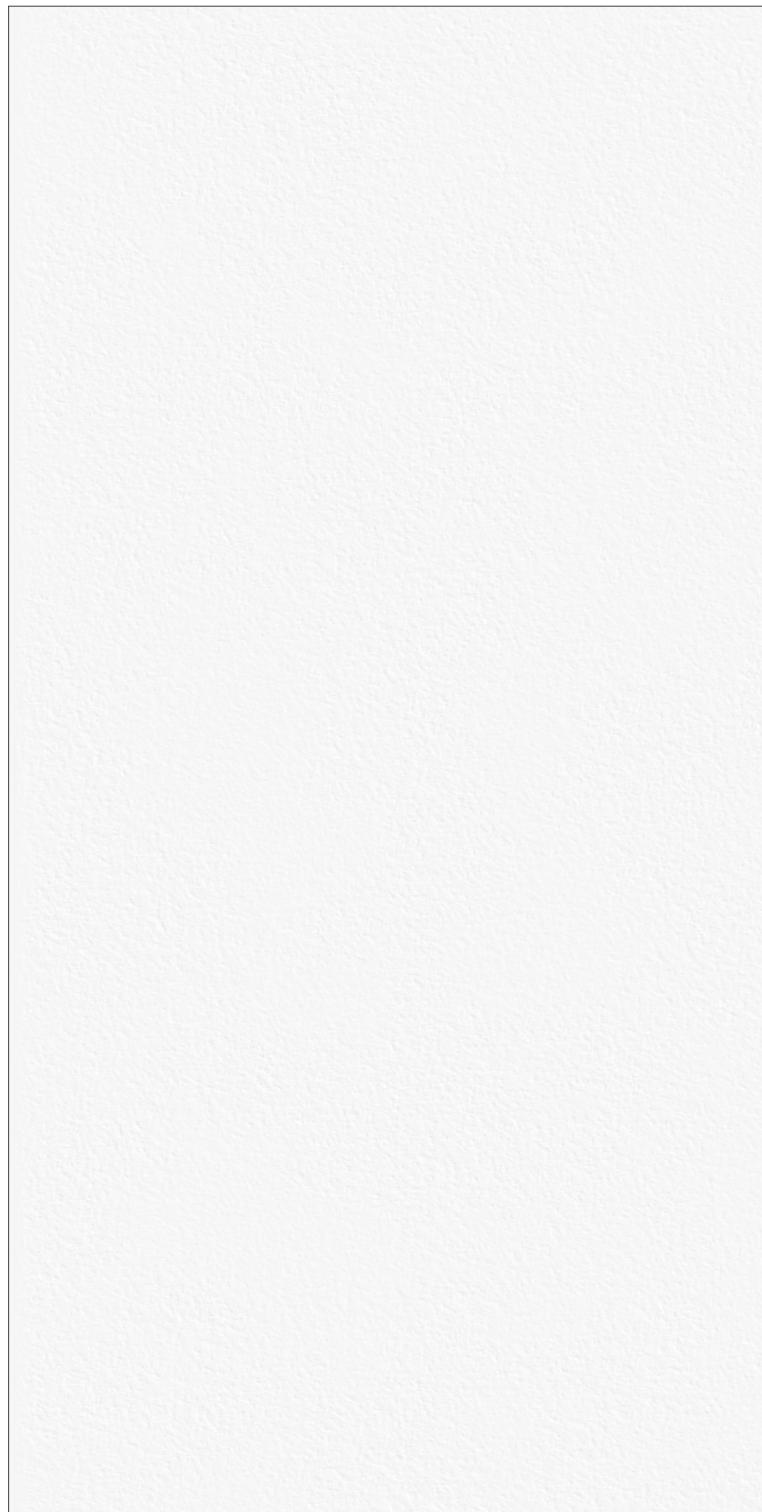


TECHNOFLEX 5MM



DIVINE SERIES

DIAMOND WHITE



14

60x120 cm



1



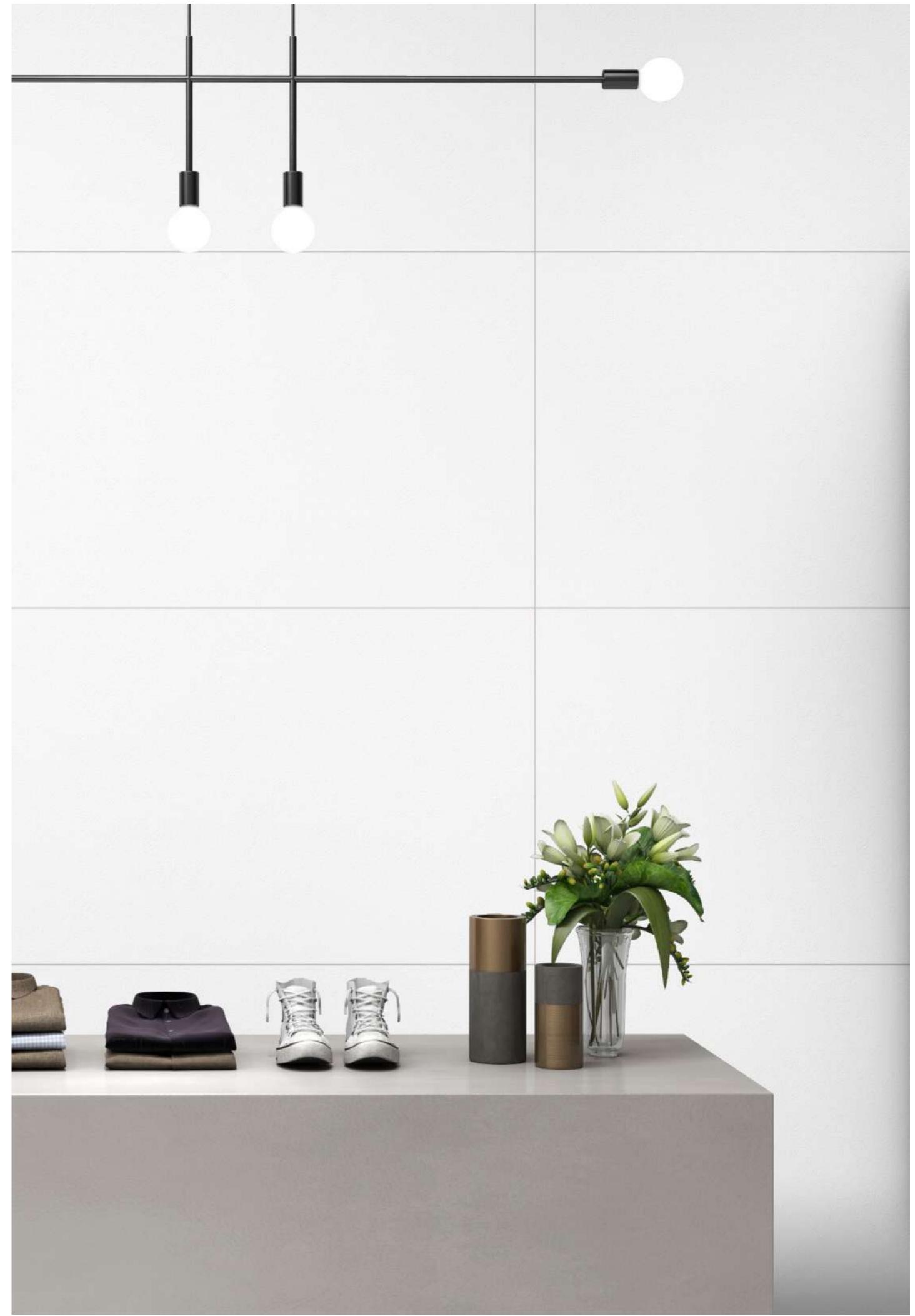
5mm



Matt

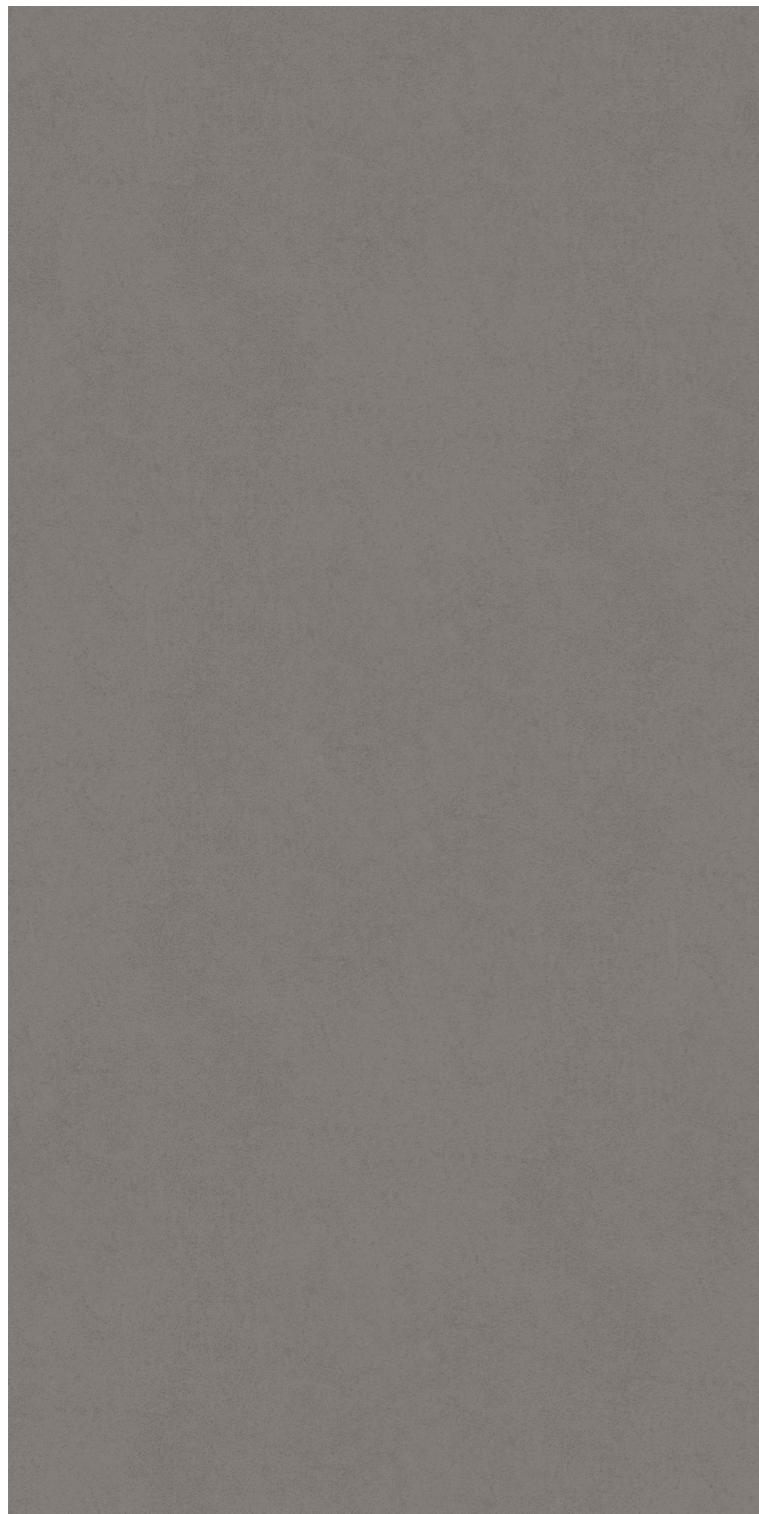


Color Body



15

DIVINE ASH



16

60x120 cm



2



5mm



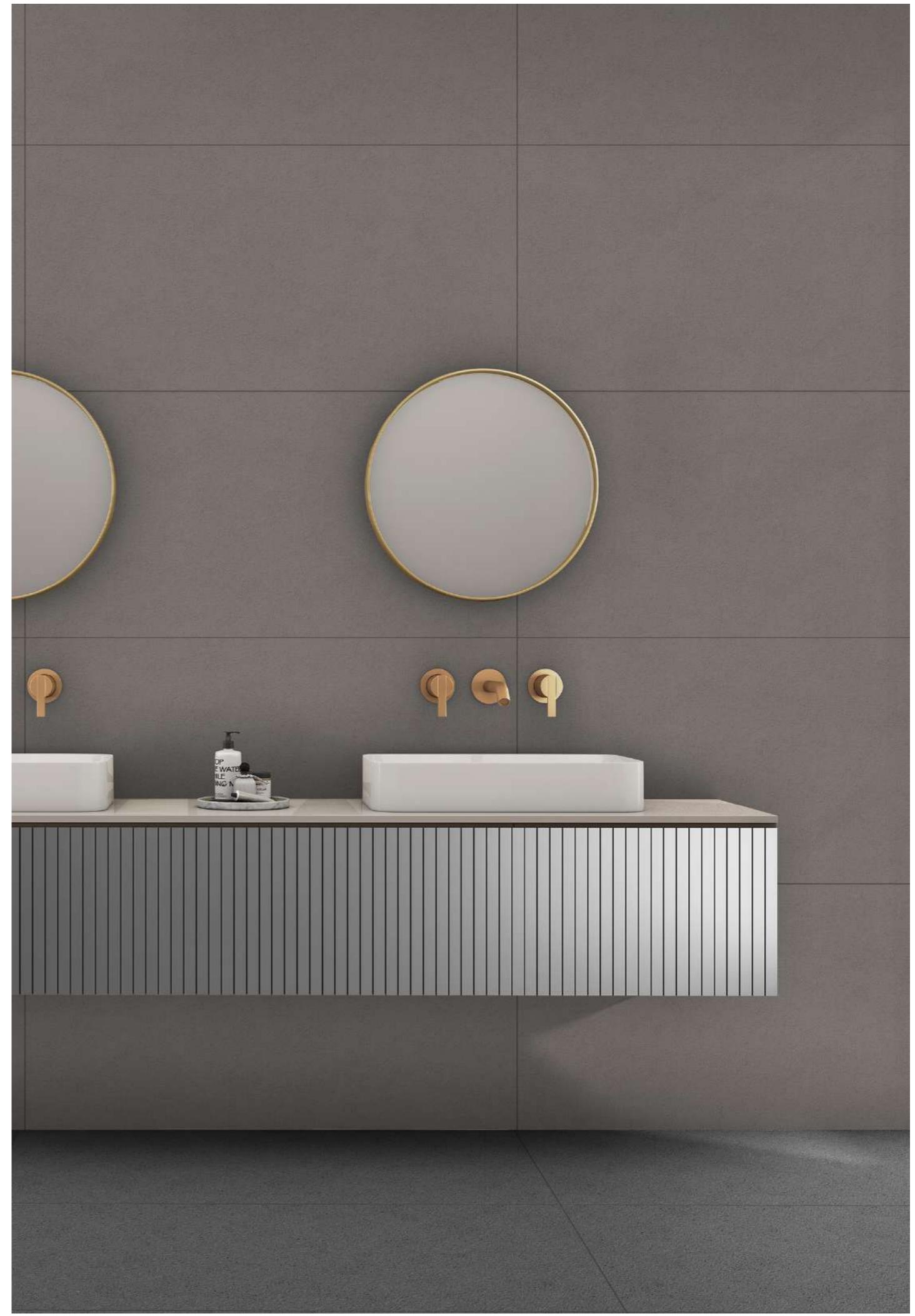
Matt



Matt

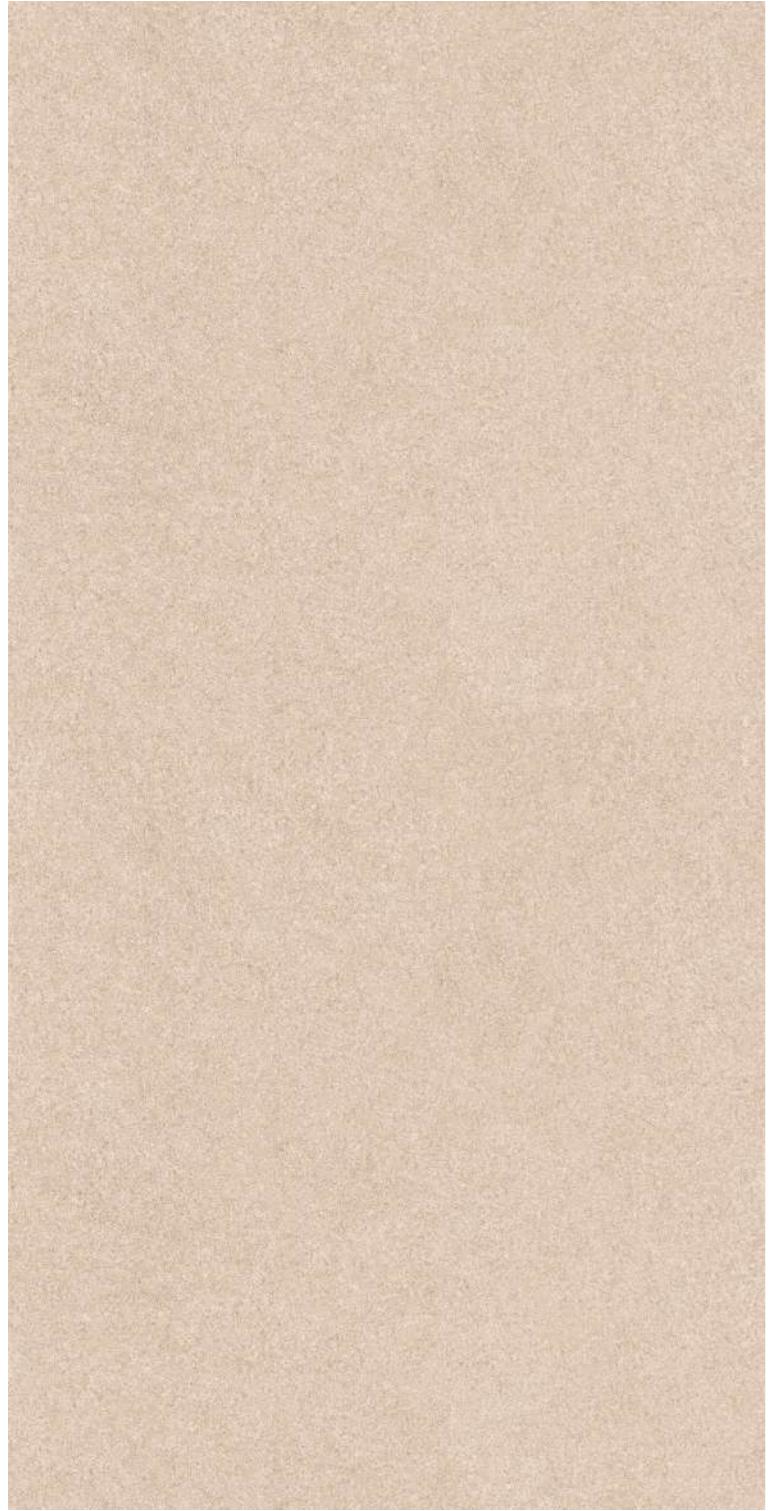


Color Body



17

DIVINE BIRCH



60x120 cm

1

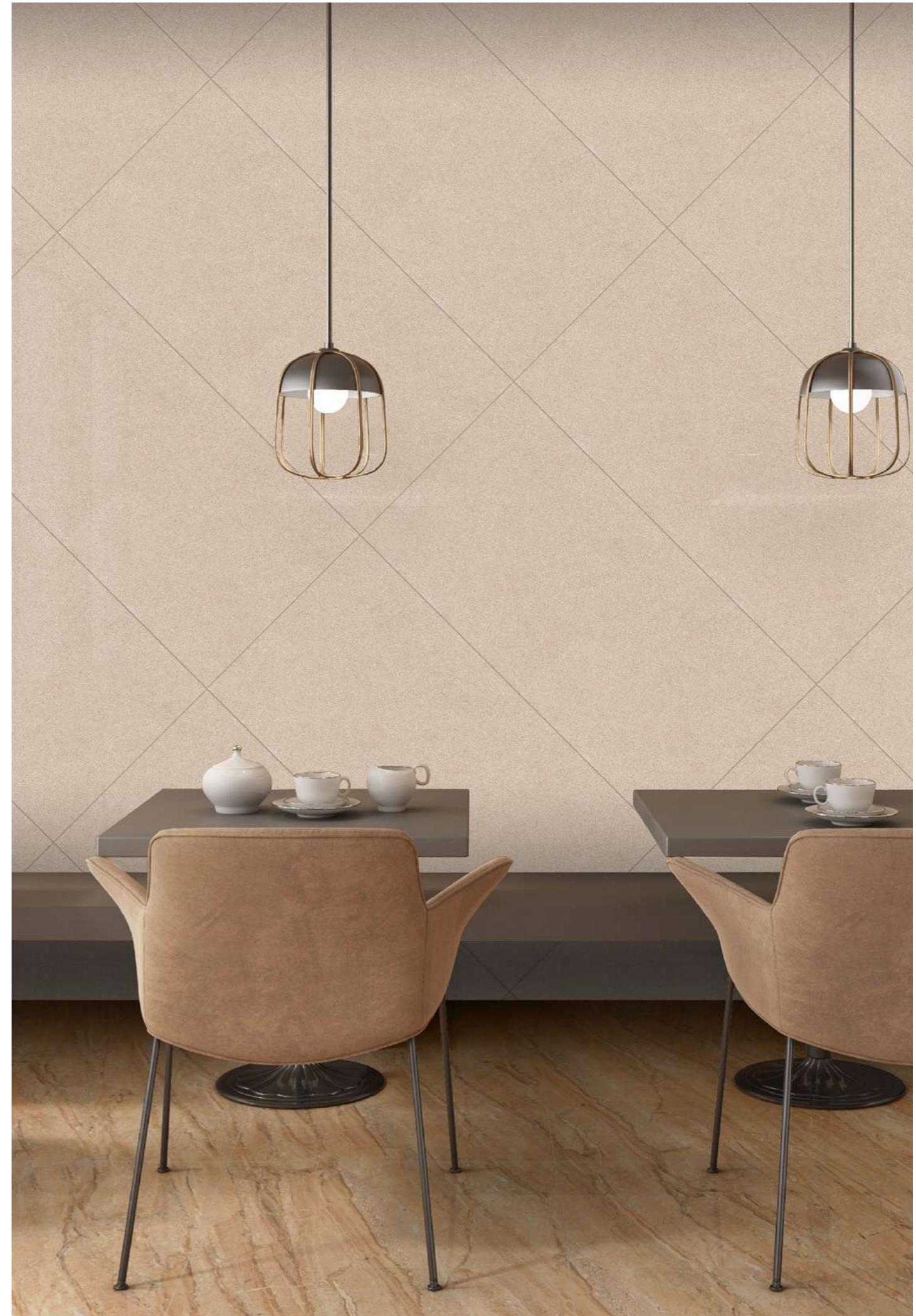
5mm



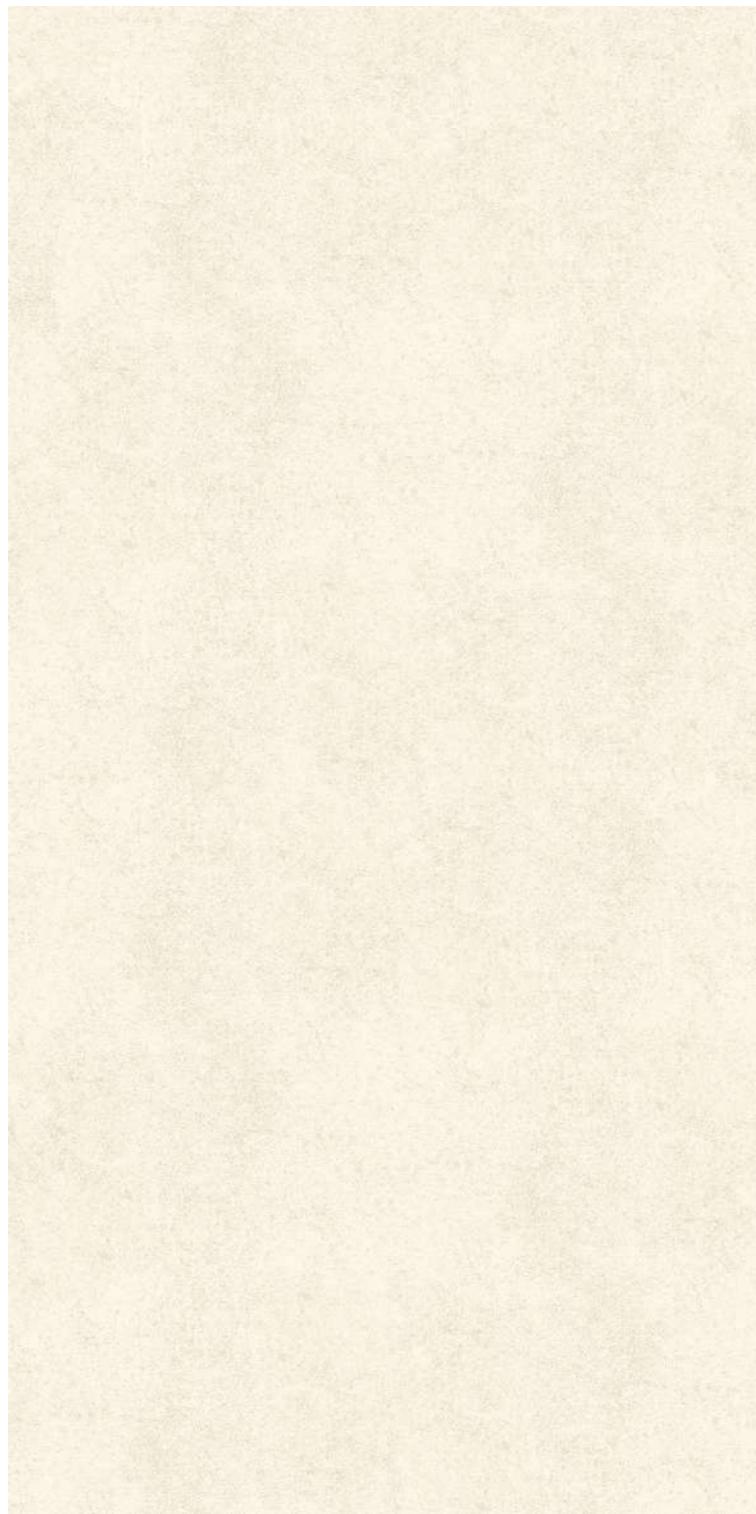
Matt



Color Body



DIVINE CHALKY



60x120 cm

2

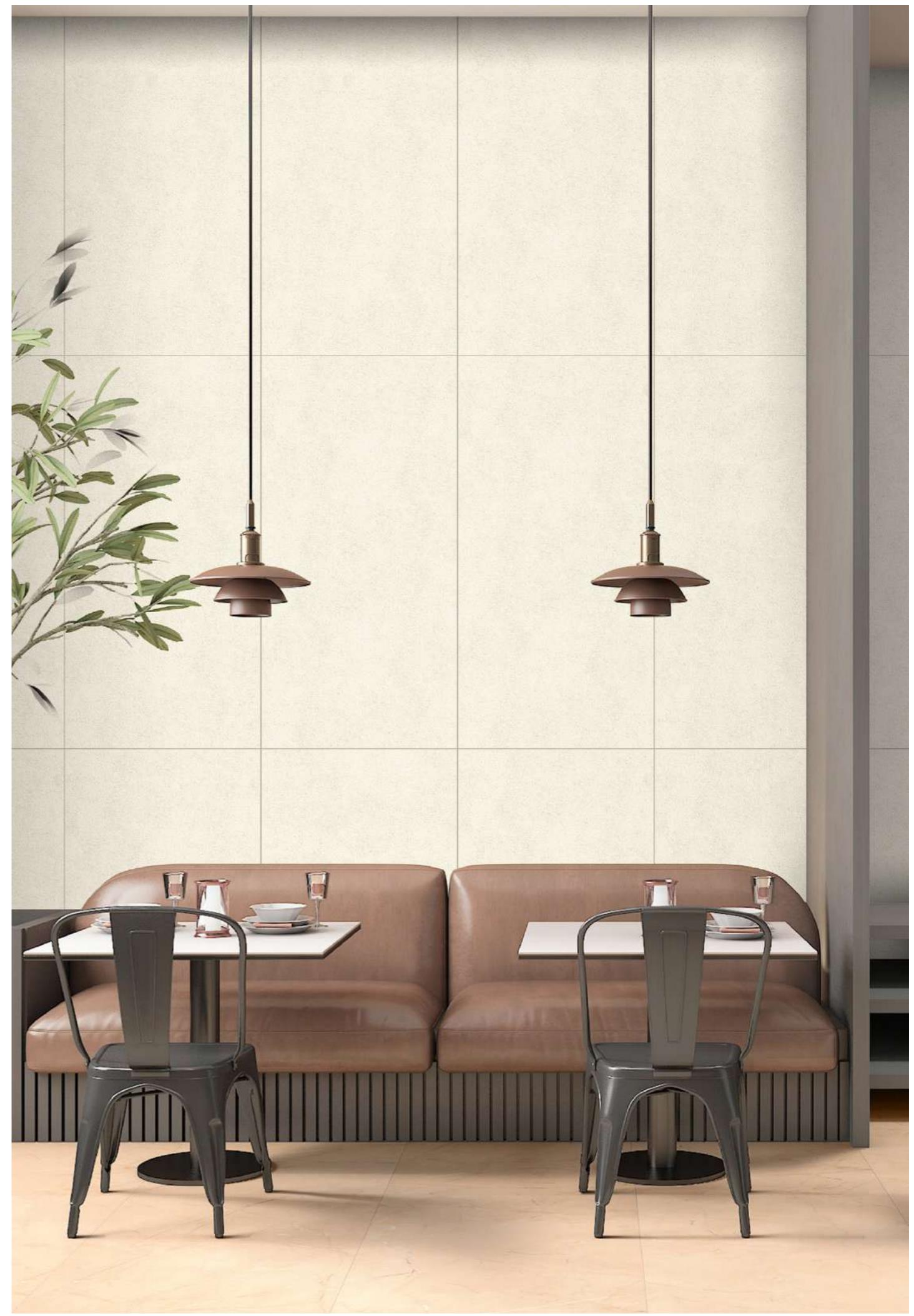
5mm



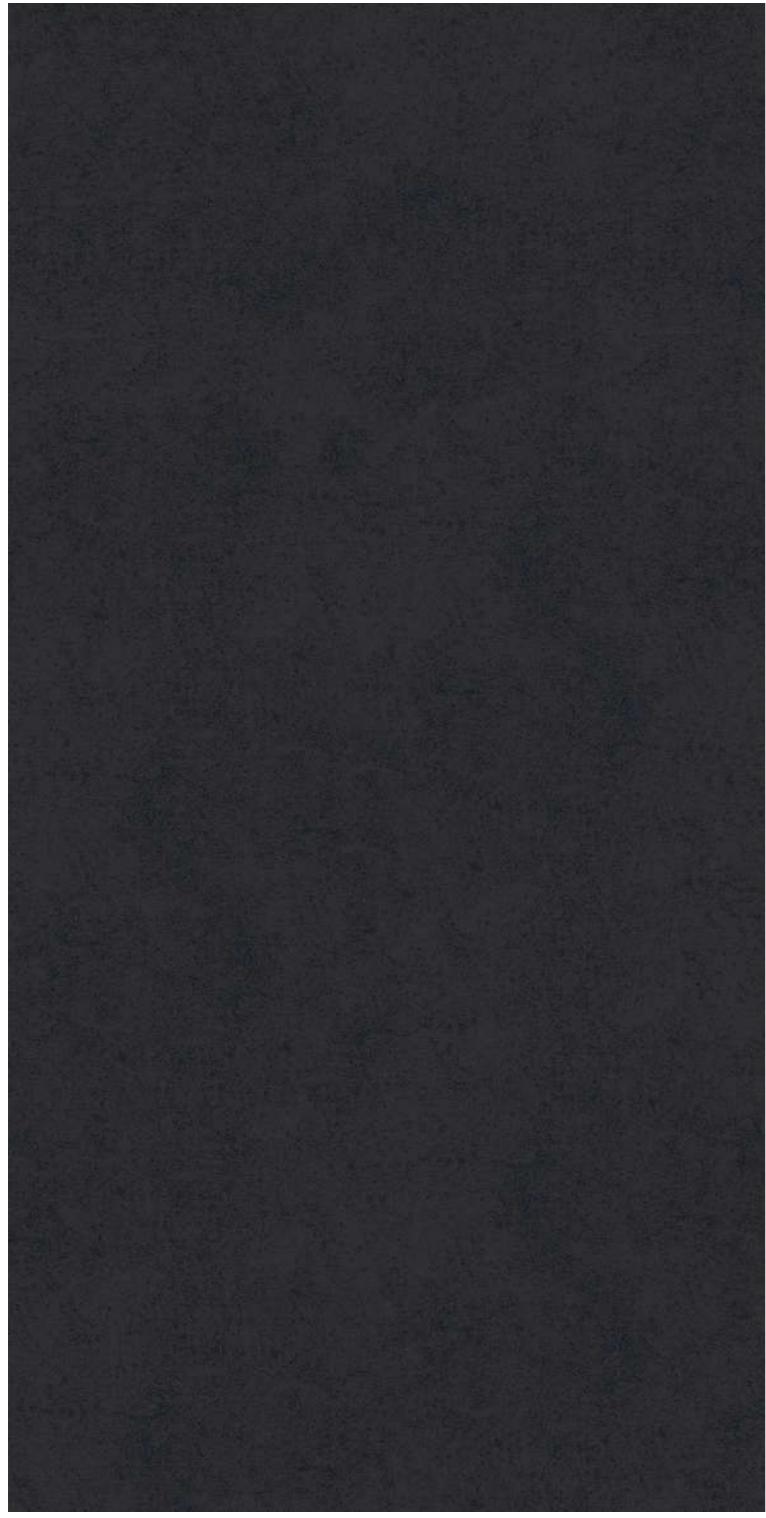
Matt



Color Body



DIVINE CHARCOAL



60x120 cm

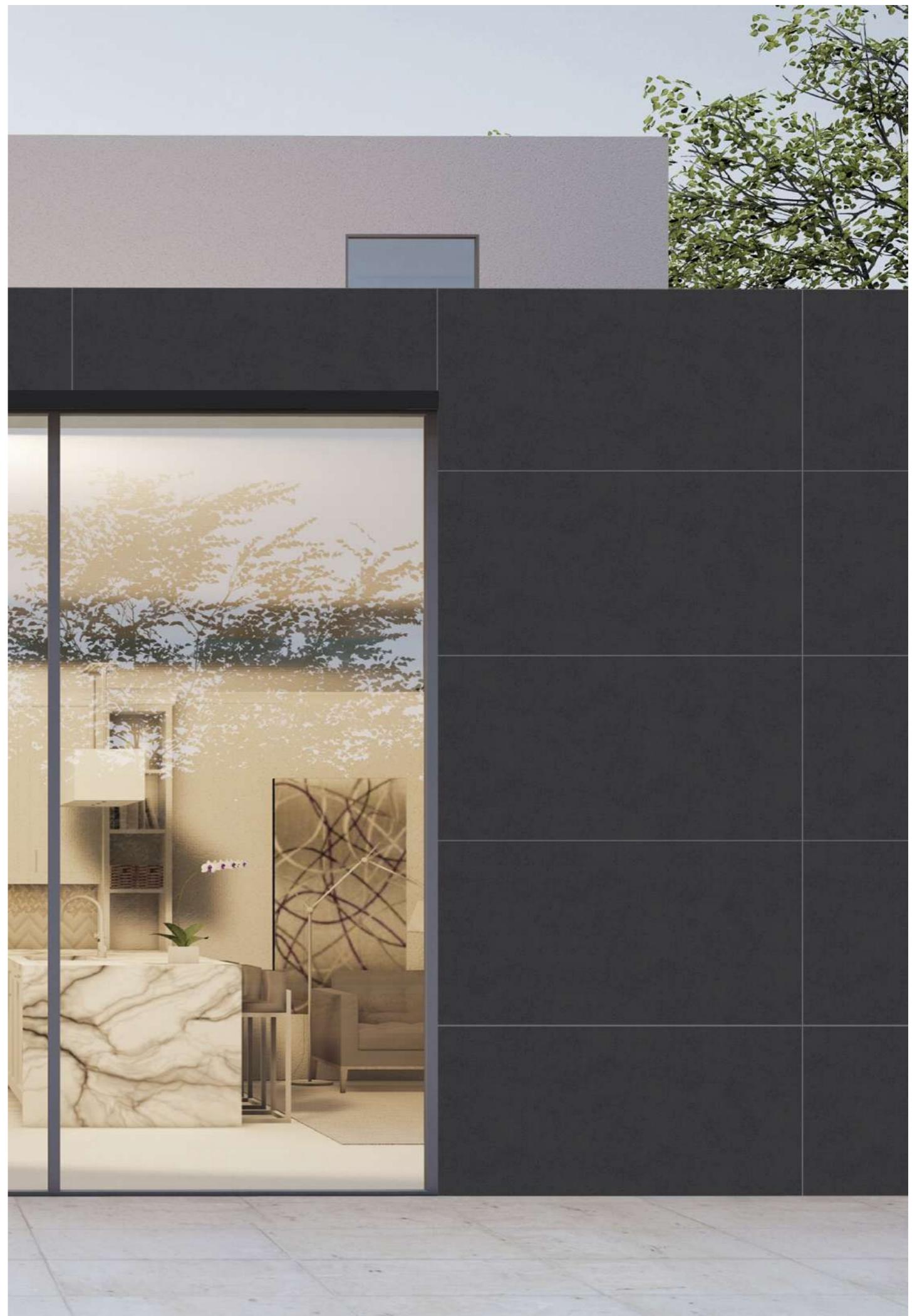
1

5mm



Matt

Color Body



DIVINE COFFEE



24



60x120 cm



7



5mm



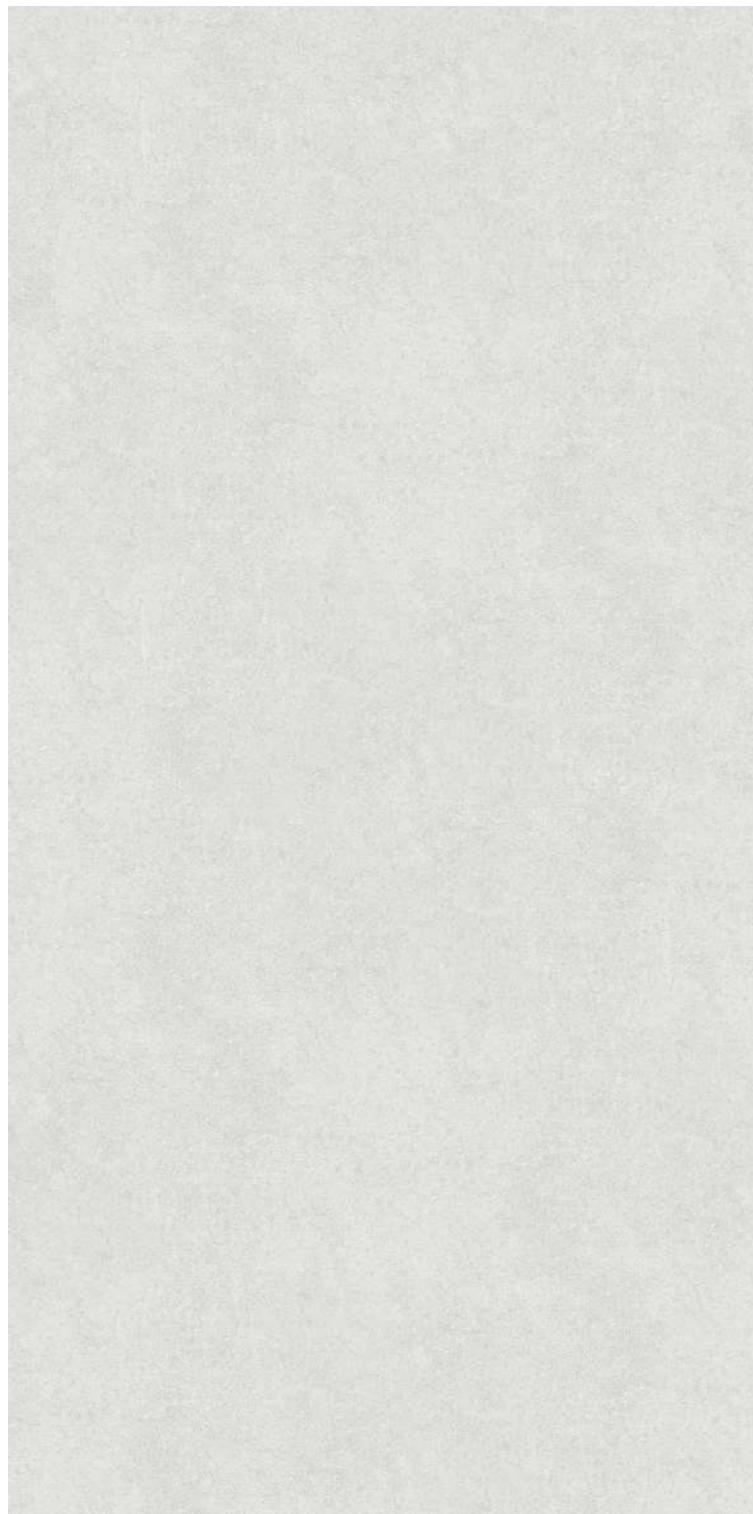
Matt



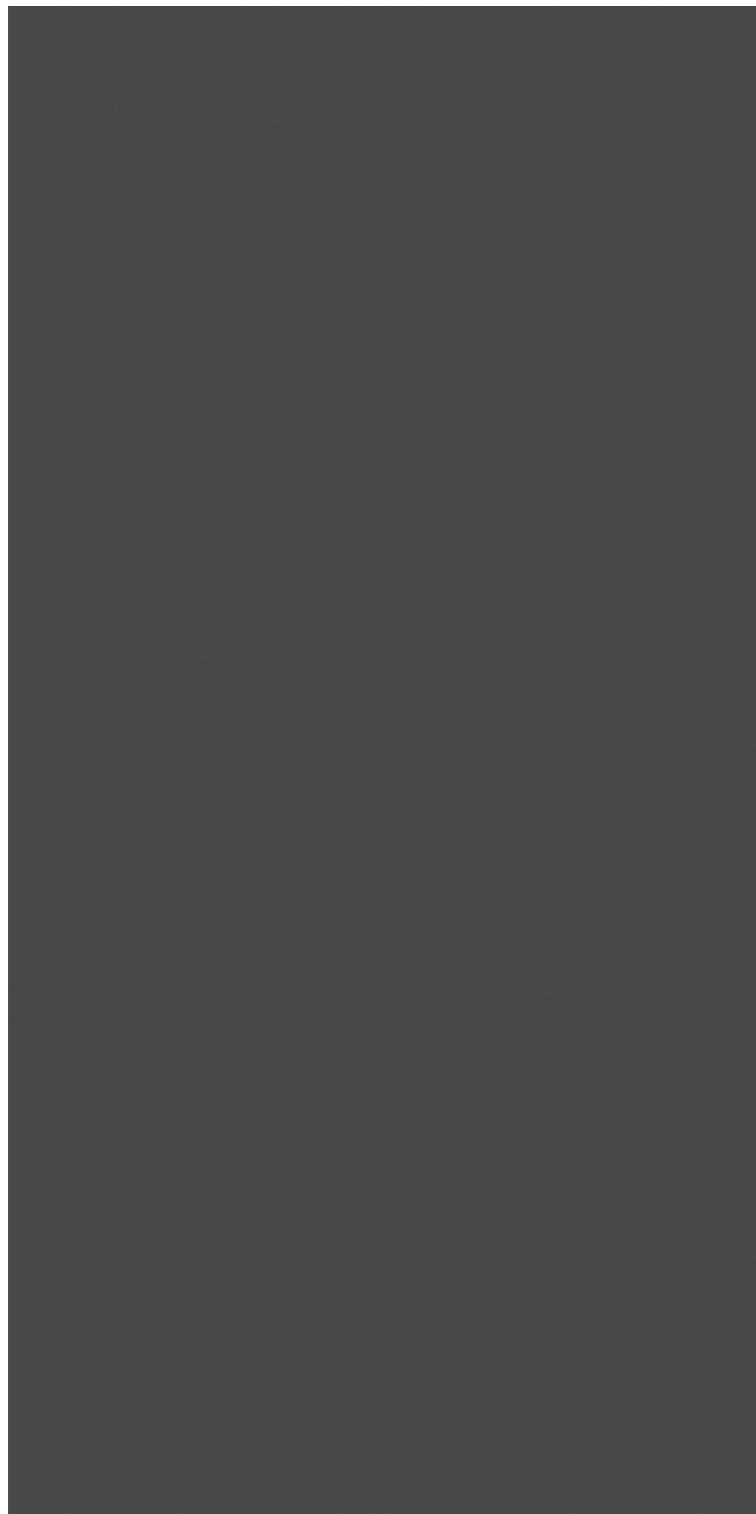
Color Body



DIVINE LIGHT GREY



DIVINE NERO



60x120 cm



1



5mm



Matt



Color Body



PORCELANATO

DIVINE OYSTER



30

60x120 cm



3

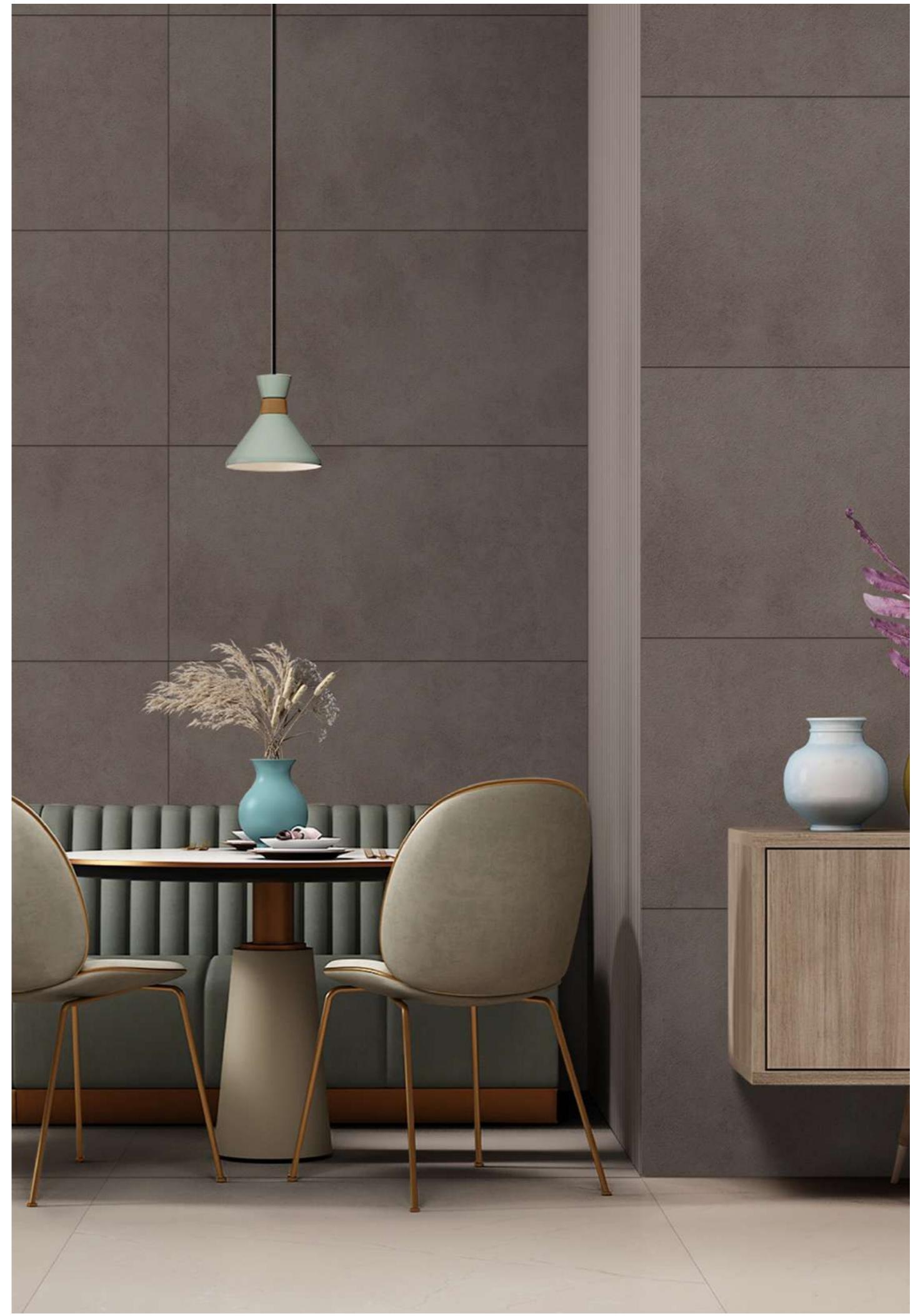


5mm

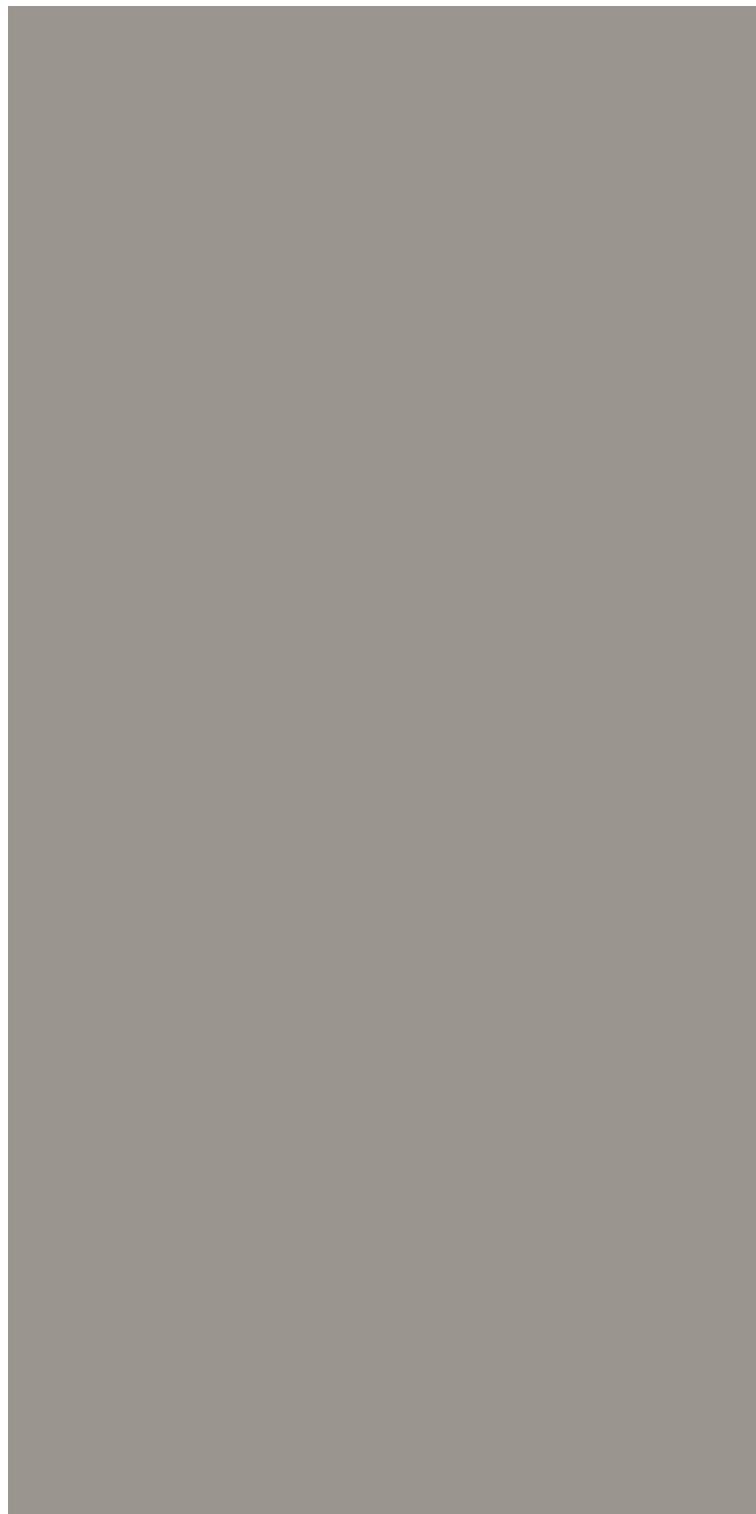


Matt

Color Body



DIVINE PEARL GREY



32

60x120 cm



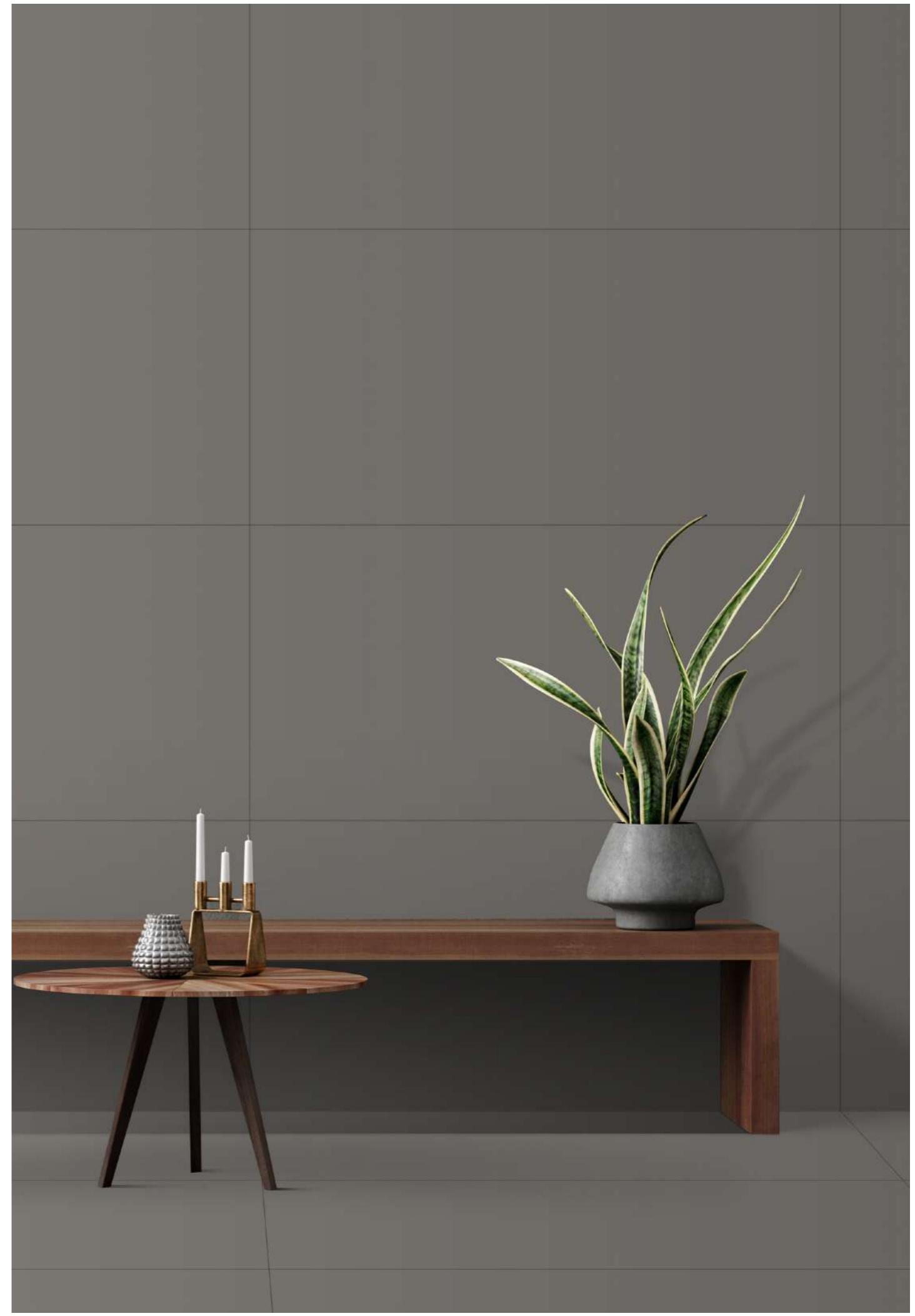
1



5mm



Matt

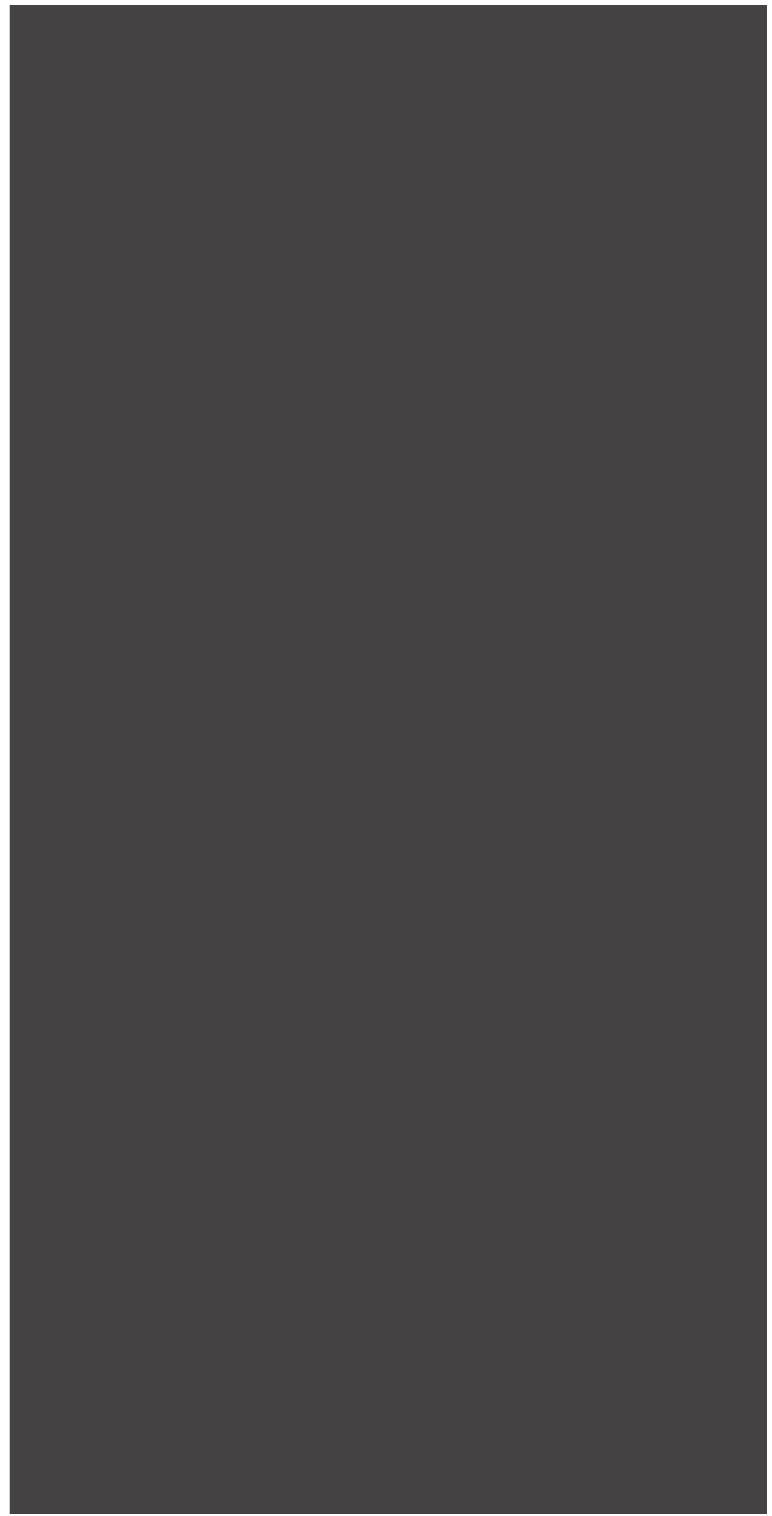




ELITE SERIES

ELITE ASH GREY

TECHNOFLEX 5MM

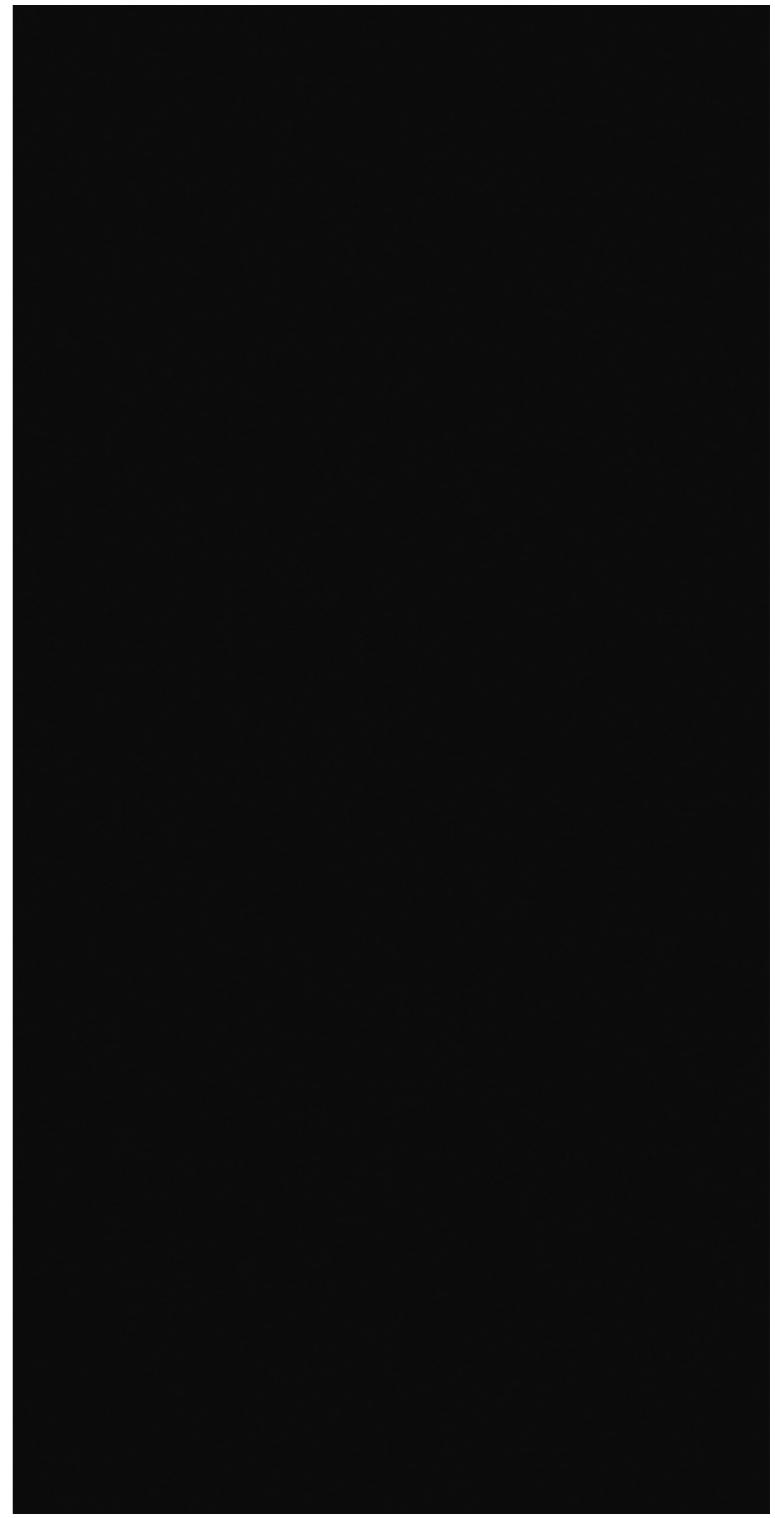


PORCELANATO

60x120 cm 1 5mm Matt Color Body

ELITE BLACK

TECHNOFLEX 5MM

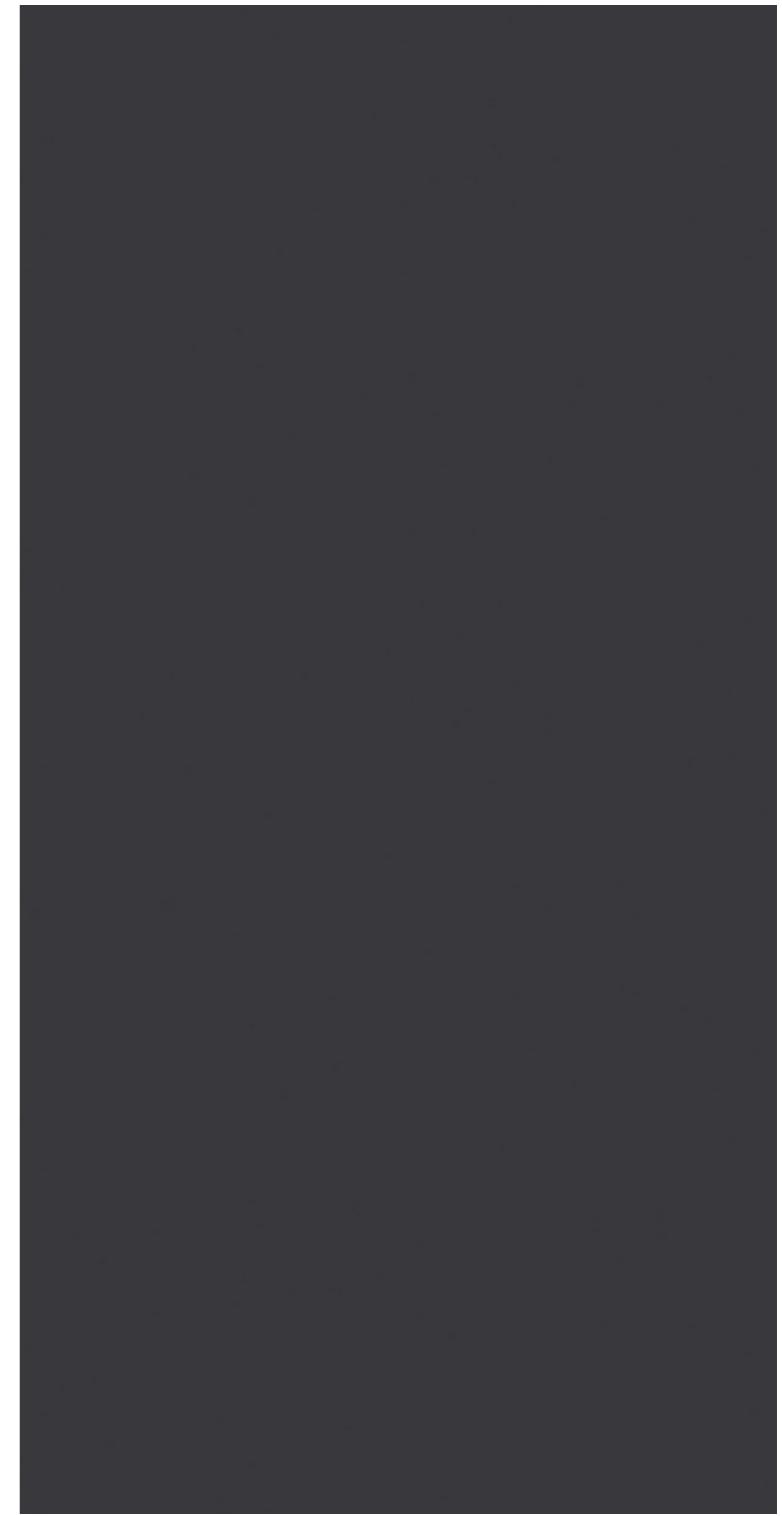
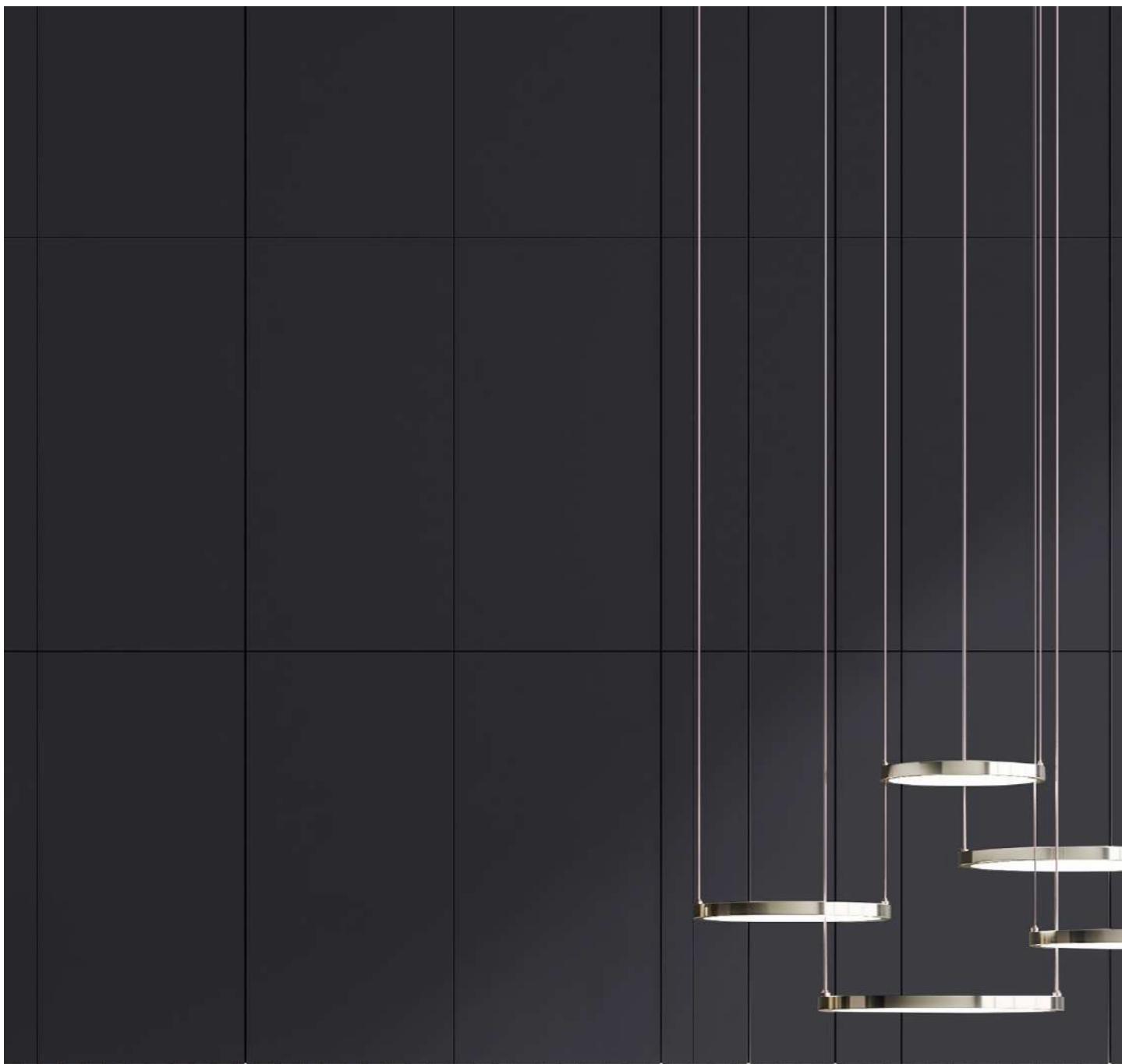


PORCELANATO

60x120 cm 1 5mm Matt Color Body

ELITE DARK GREY

TECHNOFLEX 5MM



PORCELANATO



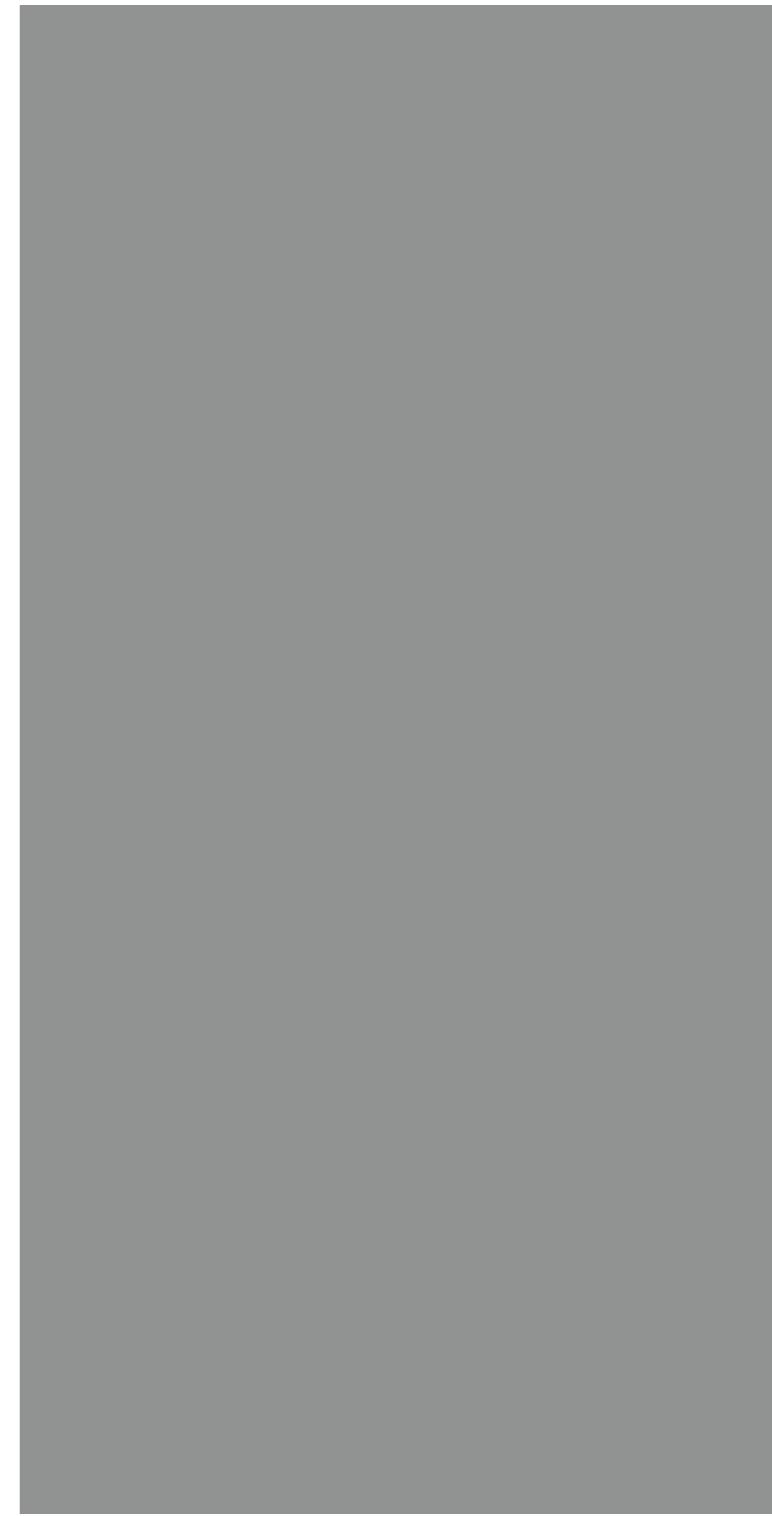
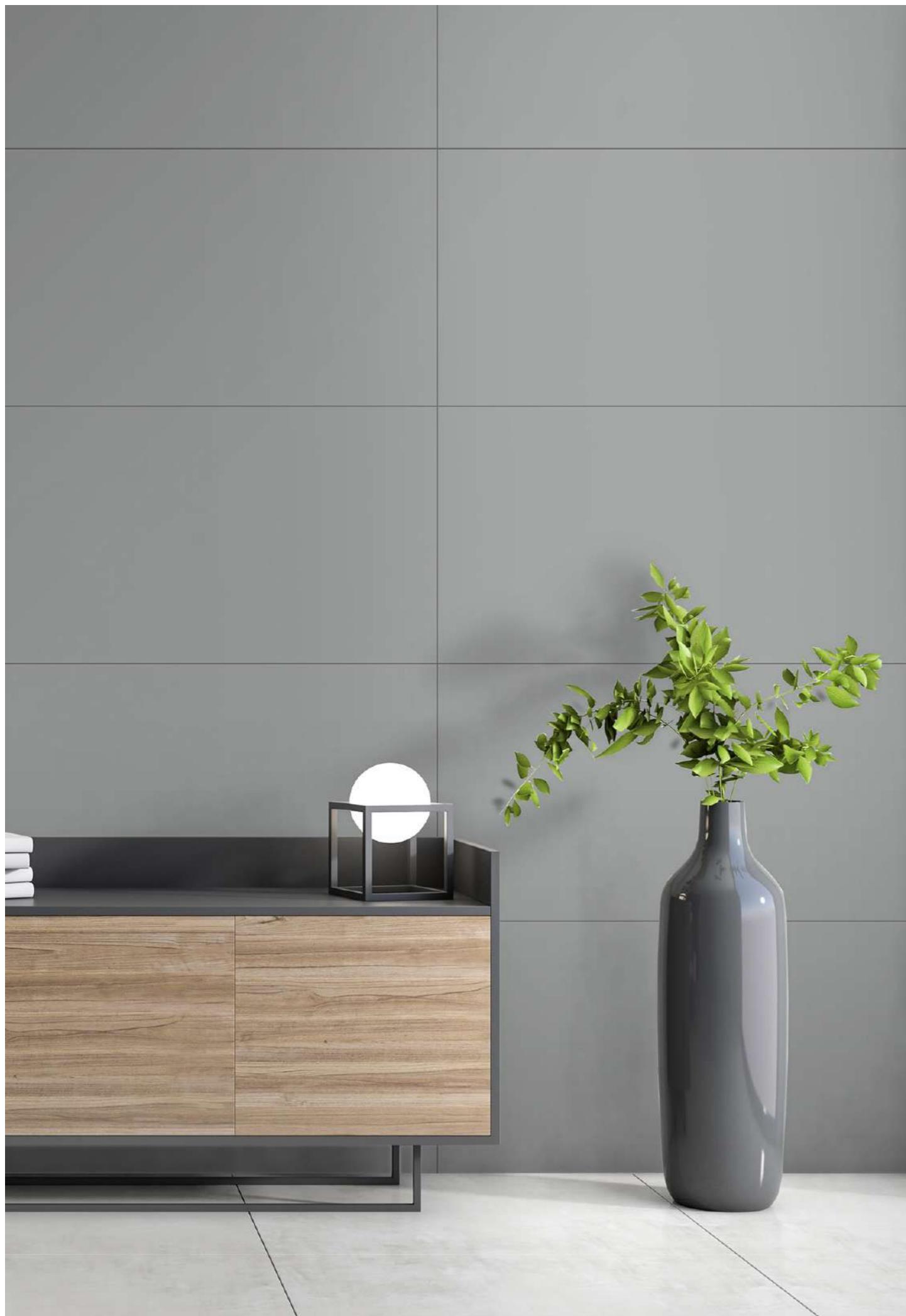
60x120 cm 1 5mm

Matt

Color Body

ELITE DOVE GREY

TECHNOFLEX 5MM



PORCELANATO



60x120 cm 5mm



Matt



Color Body

ELITE GREY

TECHNOFLEX 5MM



PORCELANATO



60x120 cm



1



5mm



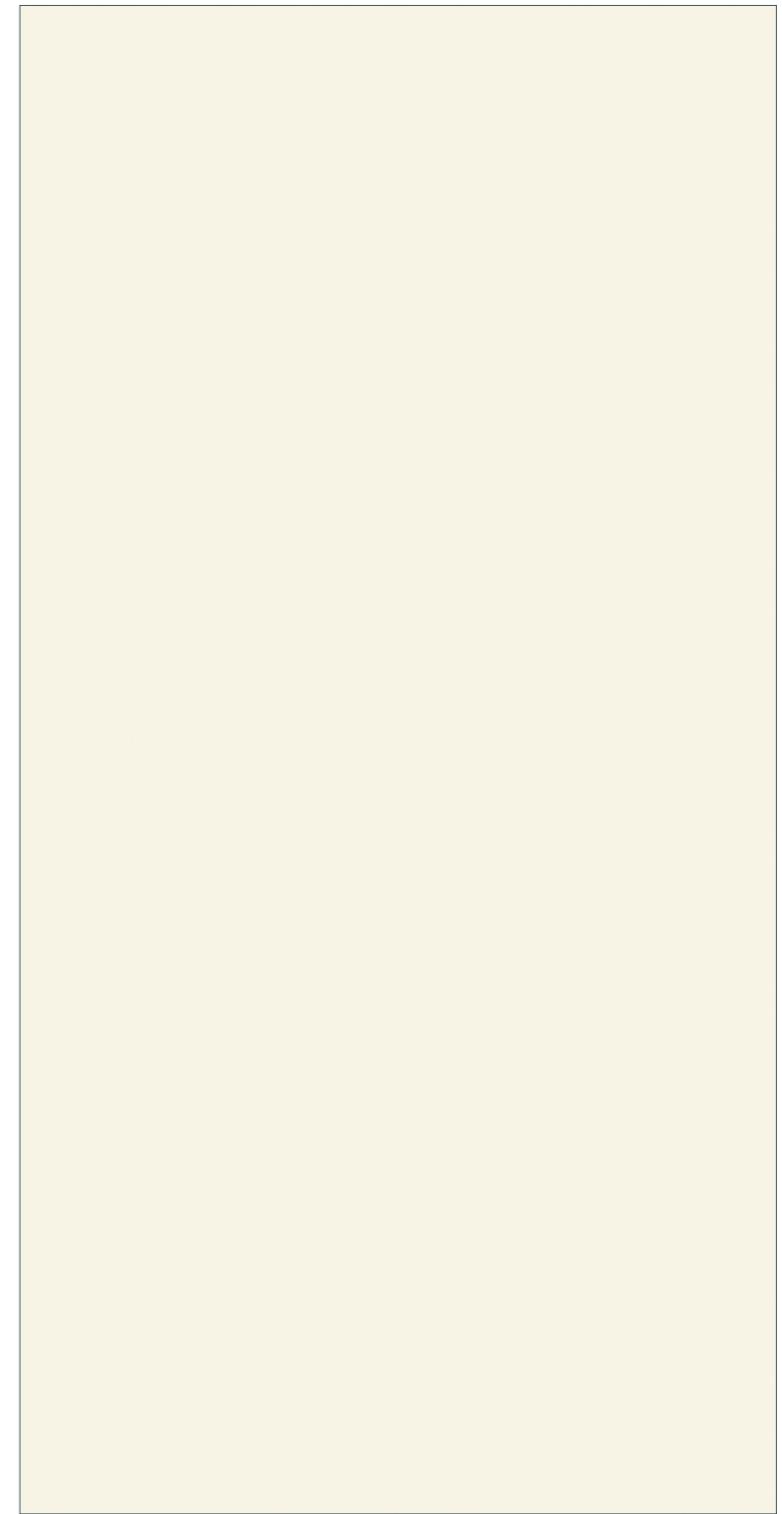
Matt



Color Body

ELITE IVORY

TECHNOFLEX 5MM



PORCELANATO



60x120 cm



1



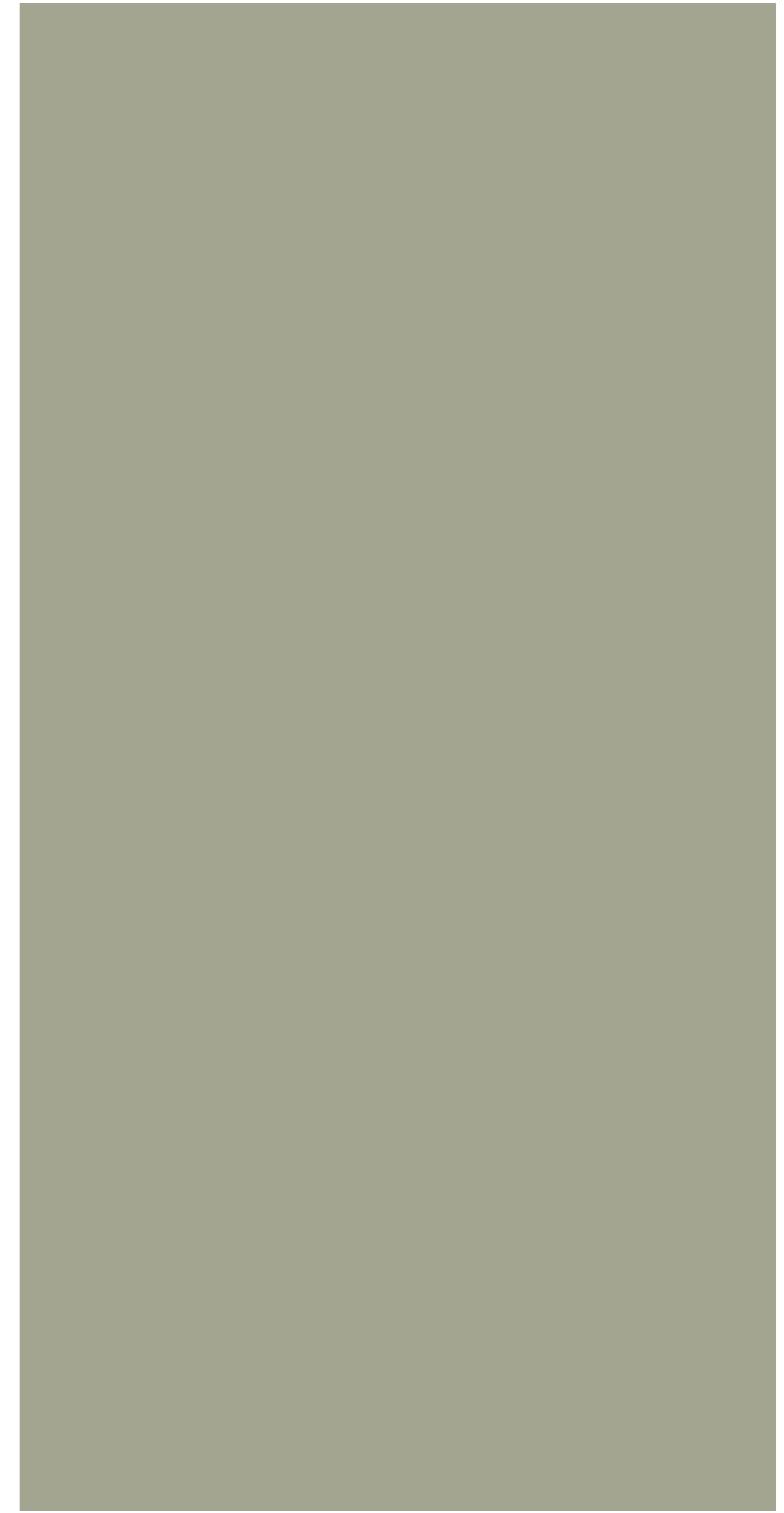
5mm



Matt



Color Body



ELITE PEACH

TECHNOFLEX 5MM



PORCELANATO

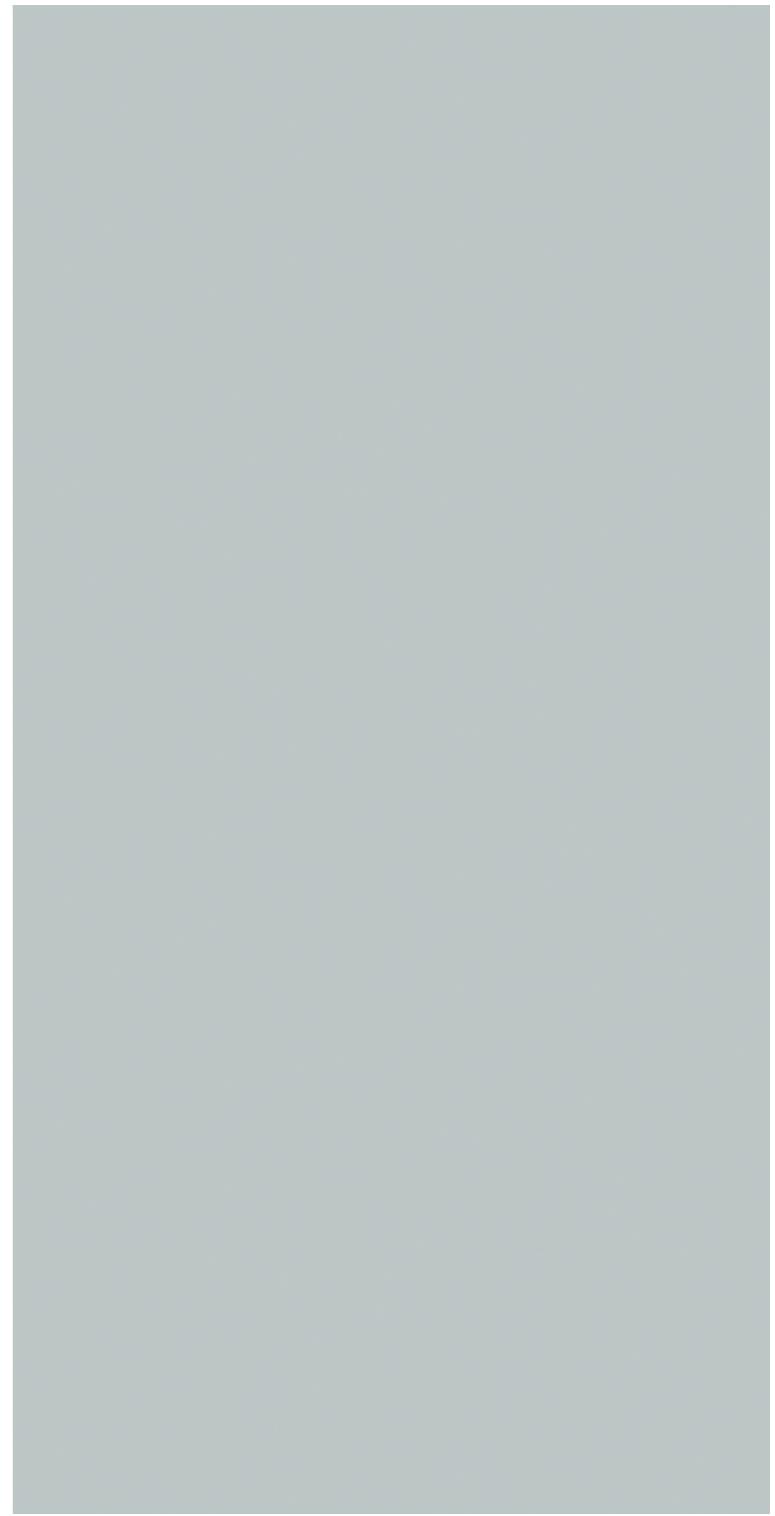


60x120 cm 1 5mm



Matt

Color Body



ELITE SMOKE GREY

TECHNOFLEX 5MM



PORCELANATO



60x120 cm



5mm

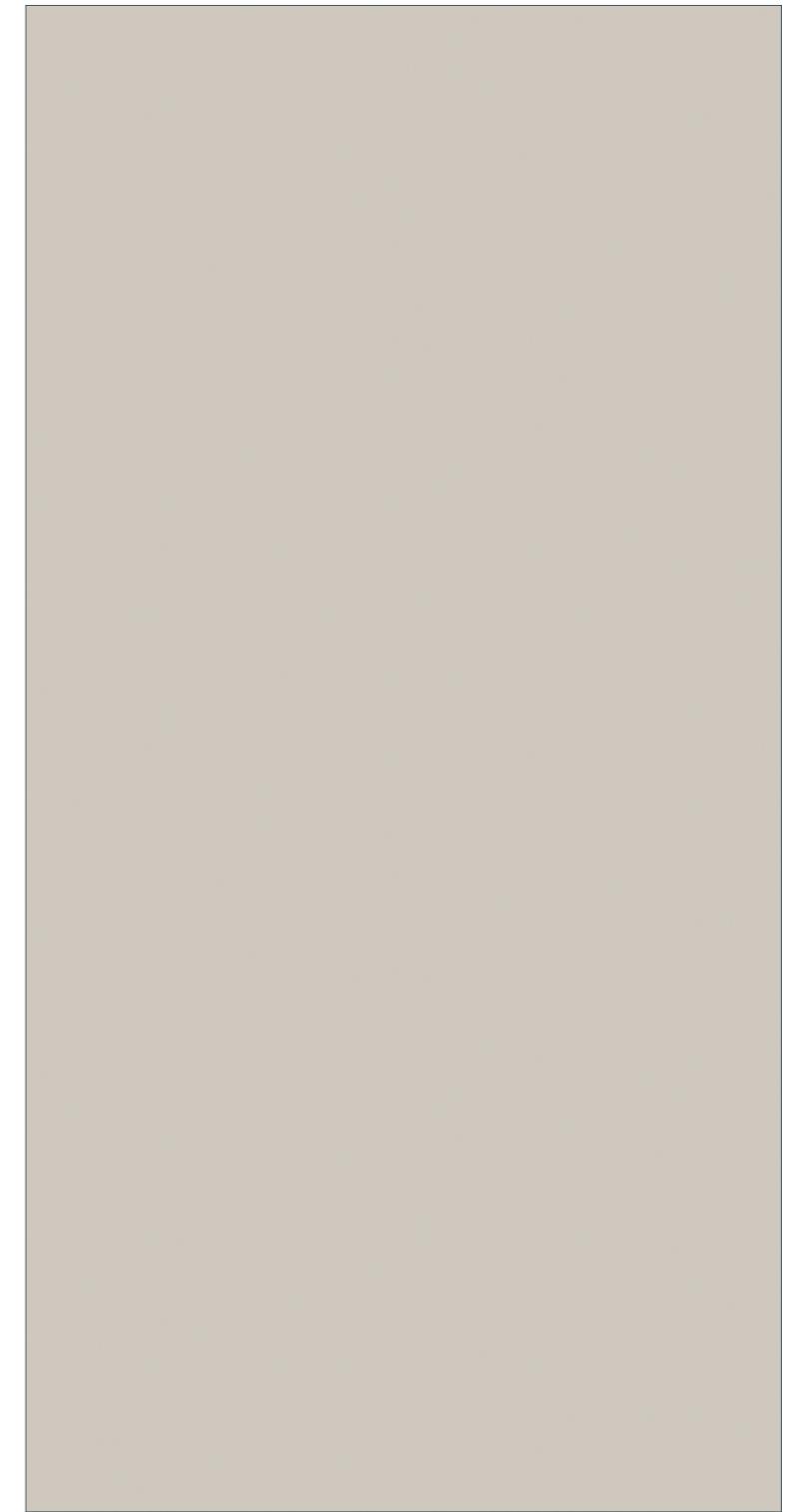


Matt

Color Body

ELITE STEEL

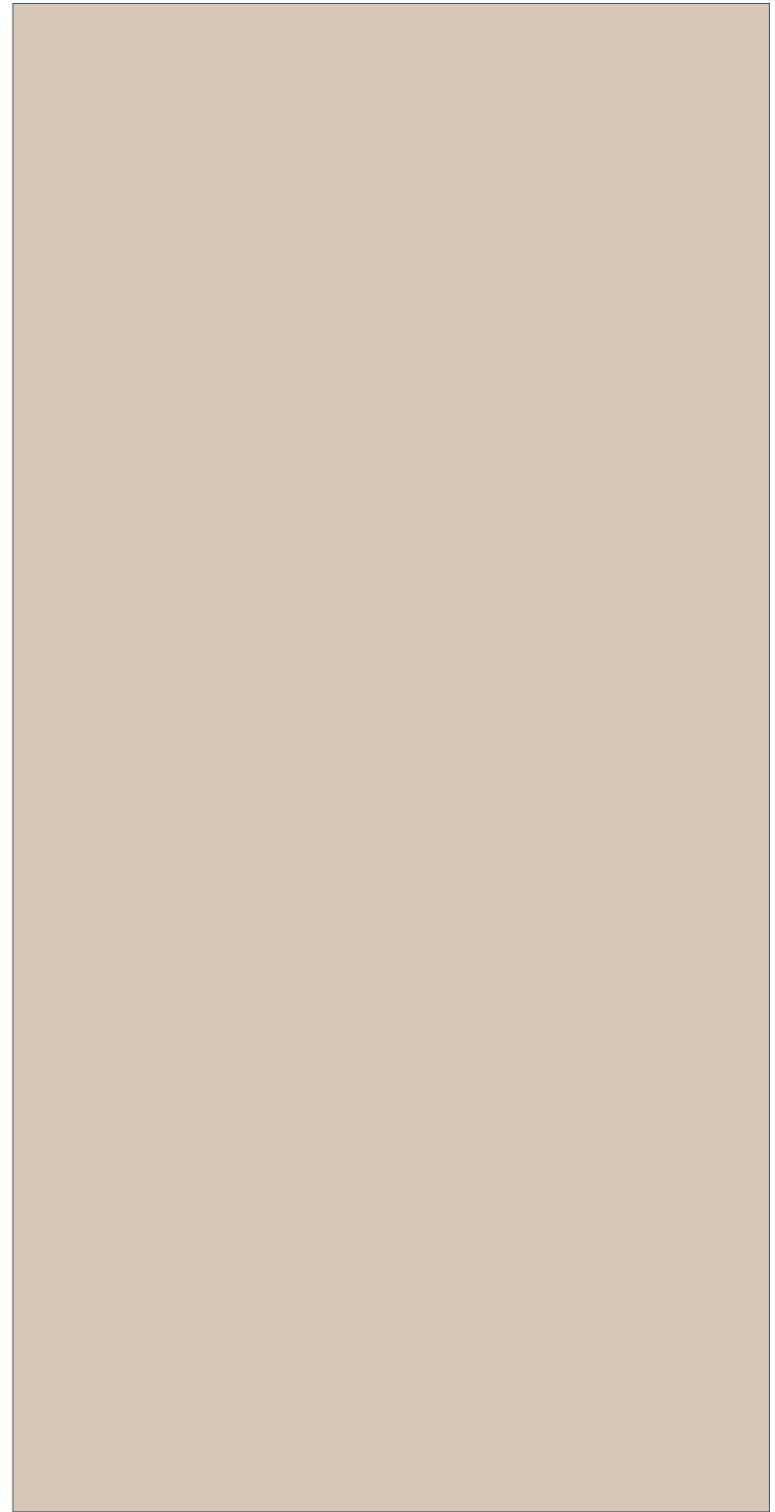
TECHNOFLEX 5MM



■ 60x120 cm ■ 1 ■ 5mm ■ Matt ■ Color Body

ELITE WARM

TECHNOFLEX 5MM



PORCELANATO

60x120 cm 1 5mm Matt Color Body

ELITE WHITE

TECHNOFLEX 5MM

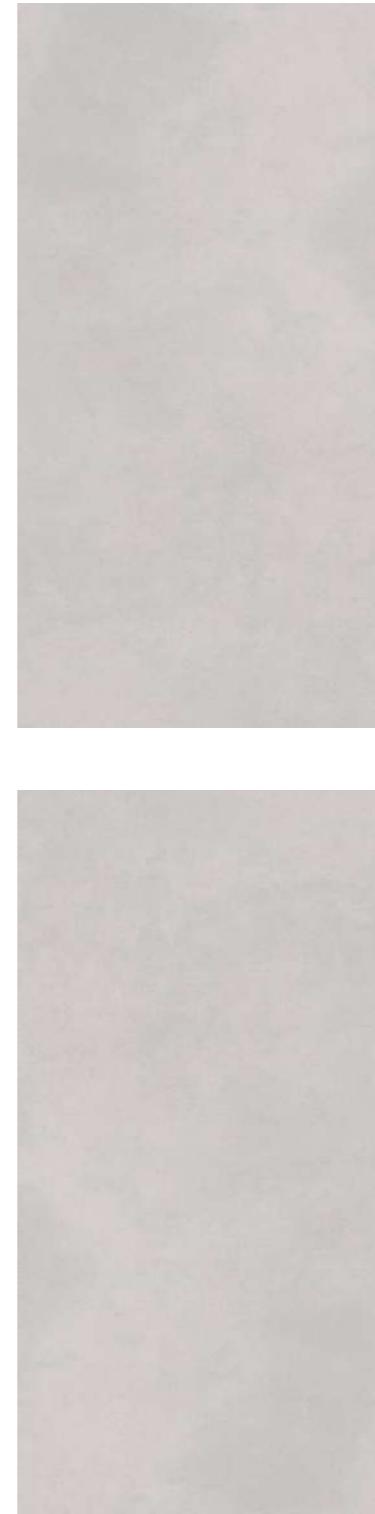
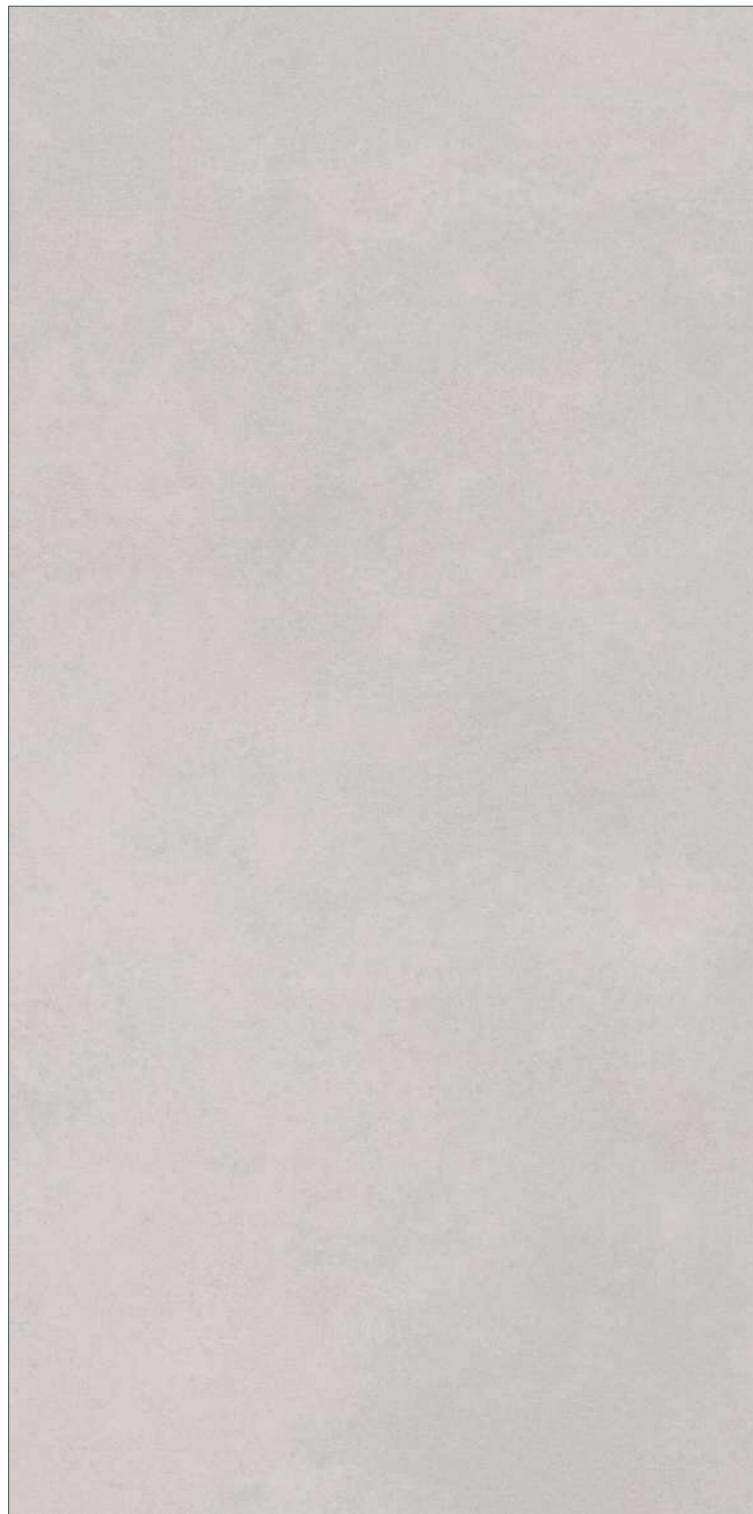


PORCELANATO

60x120 cm 5mm Color Body

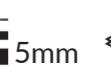
NEO SERIES

NEO BIANCO



60x120 cm

3



5mm



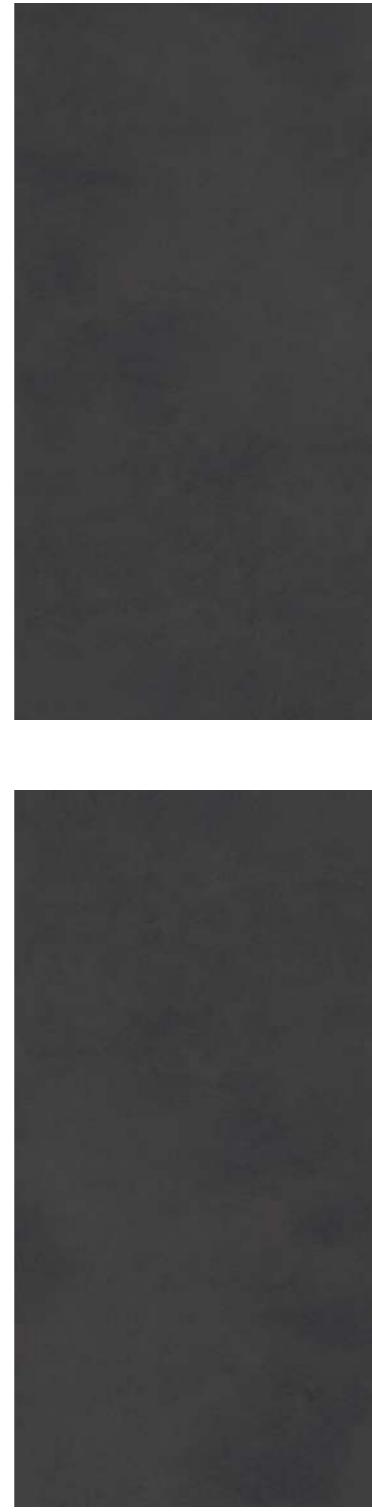
Matt



Color Body



NEO BLACK



60x120 cm

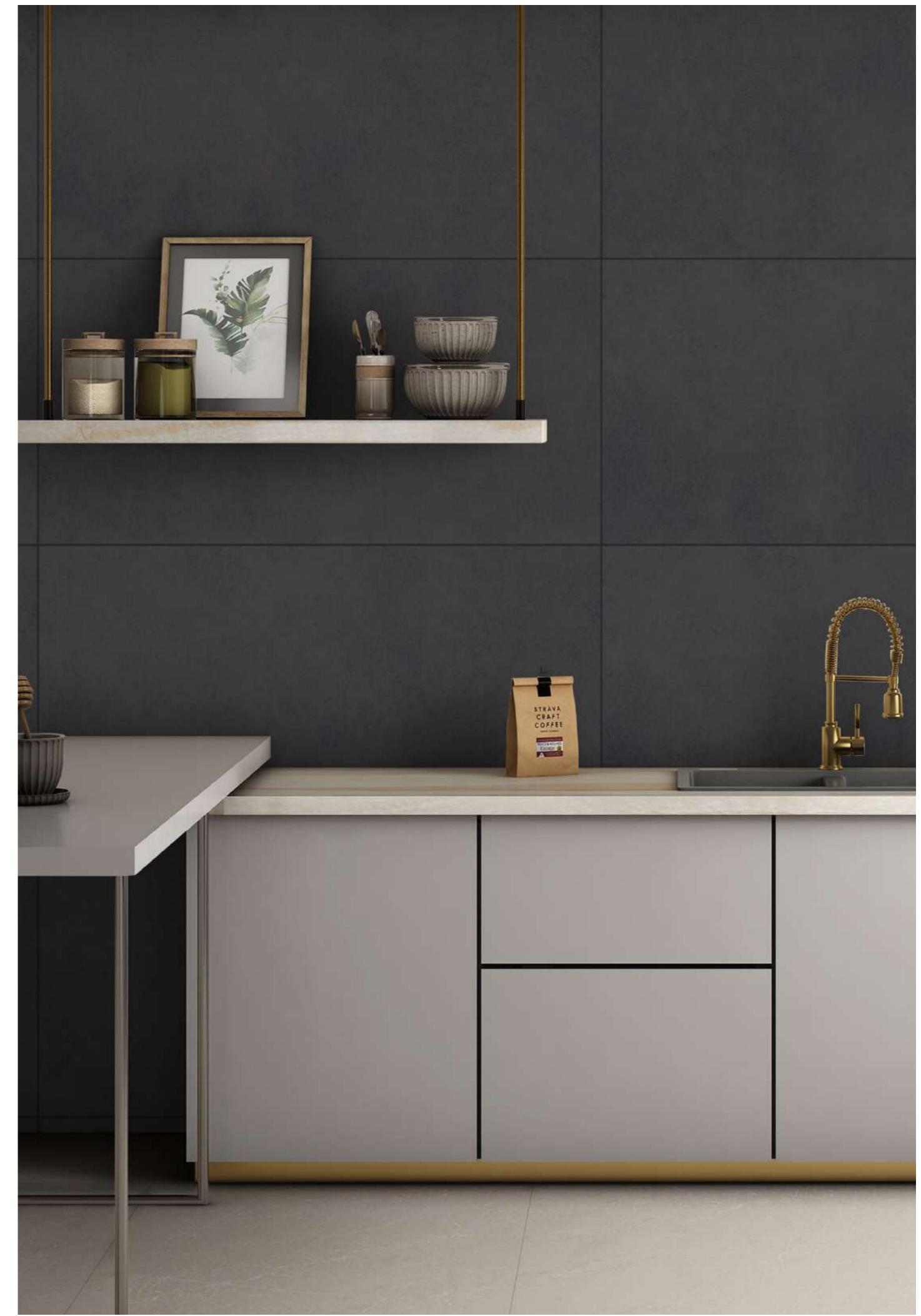
3

5mm

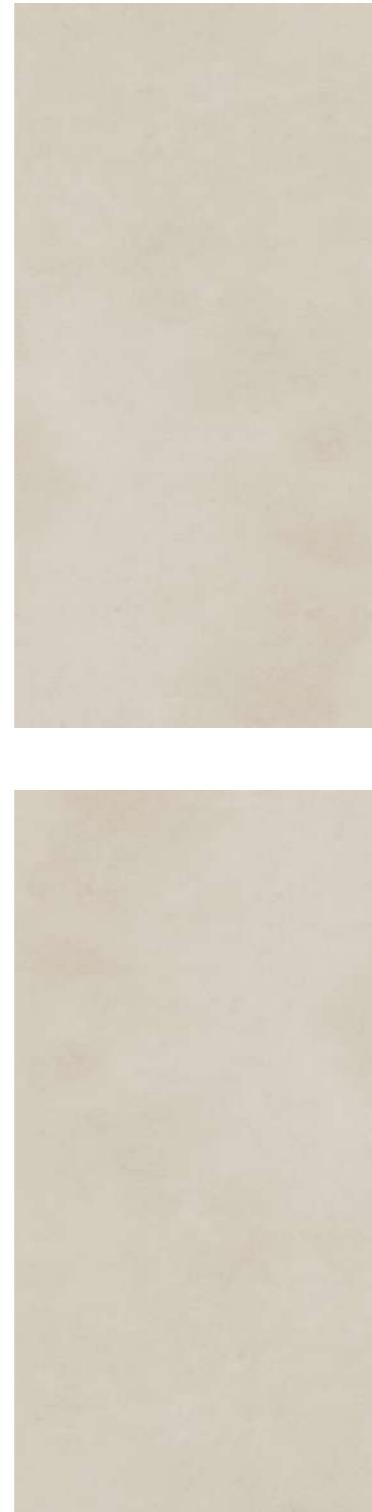


Matt

Color Body



NEO CREMA



68

60x120 cm



3



5mm



Matt

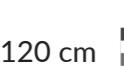


Color Body



69

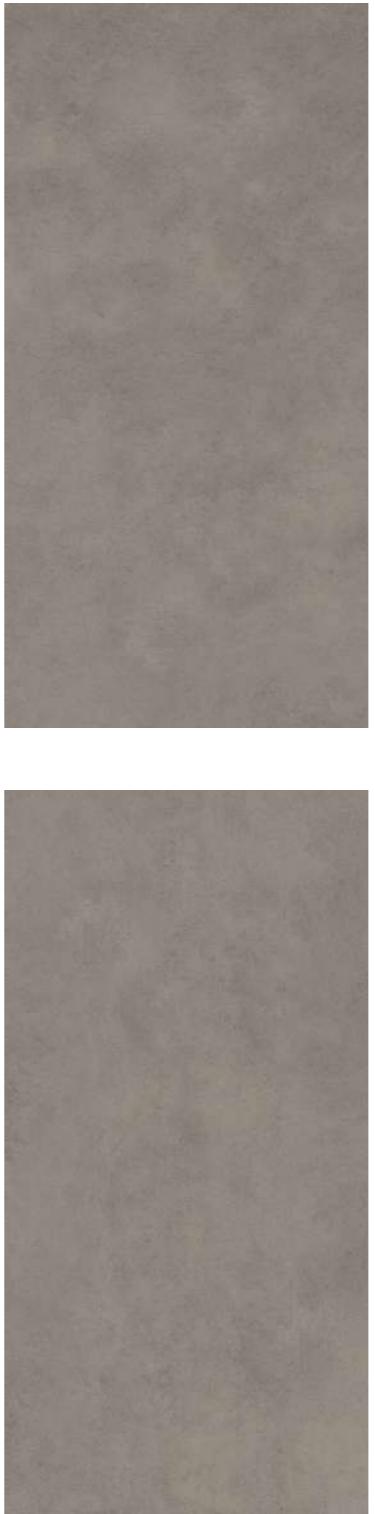
NEO GREY



Color Body



NEO MOCA



60x120 cm



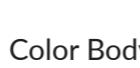
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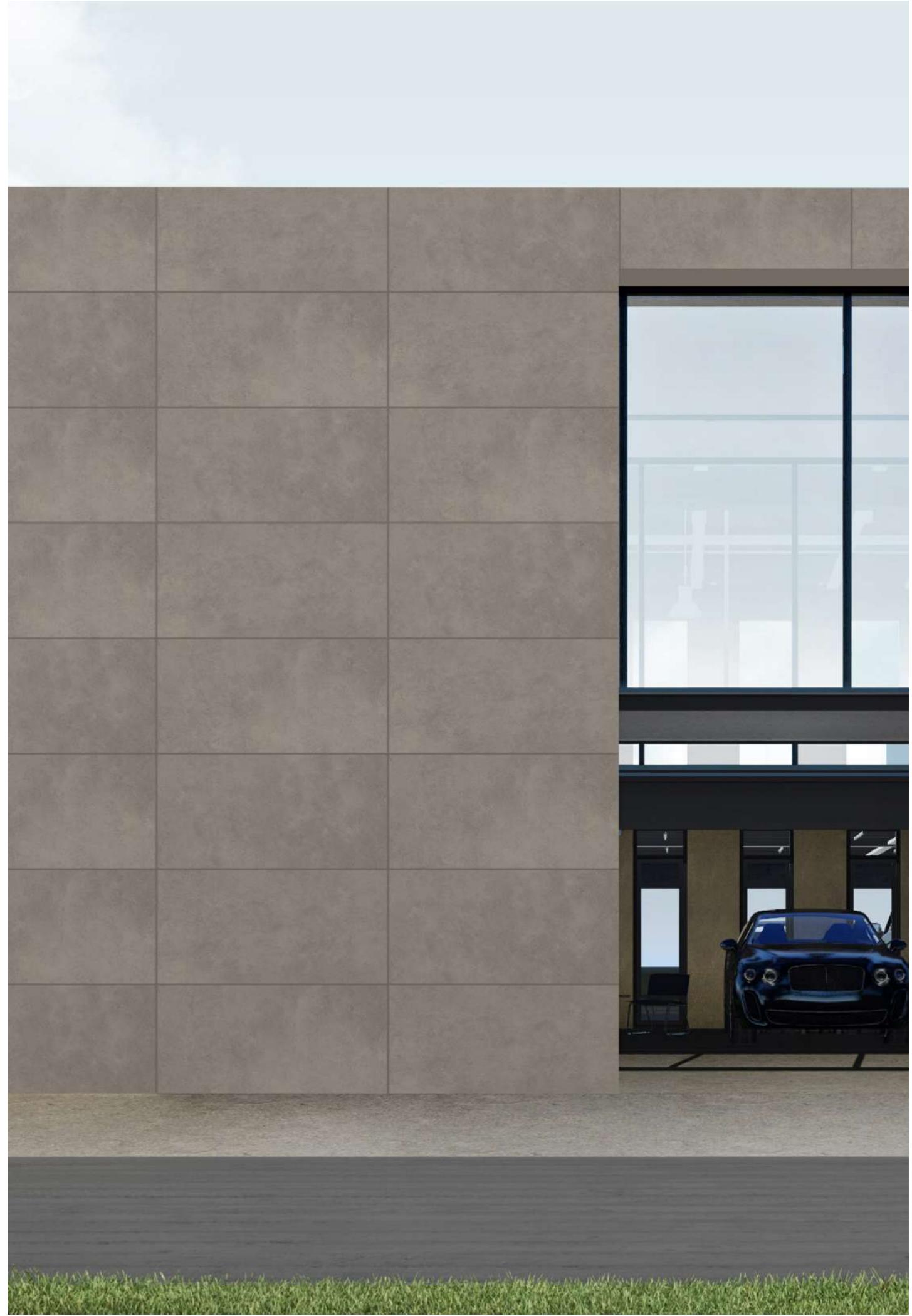
5mm



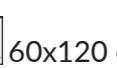
Matt



Color Body



NEO DARK GREY



60x120 cm

3



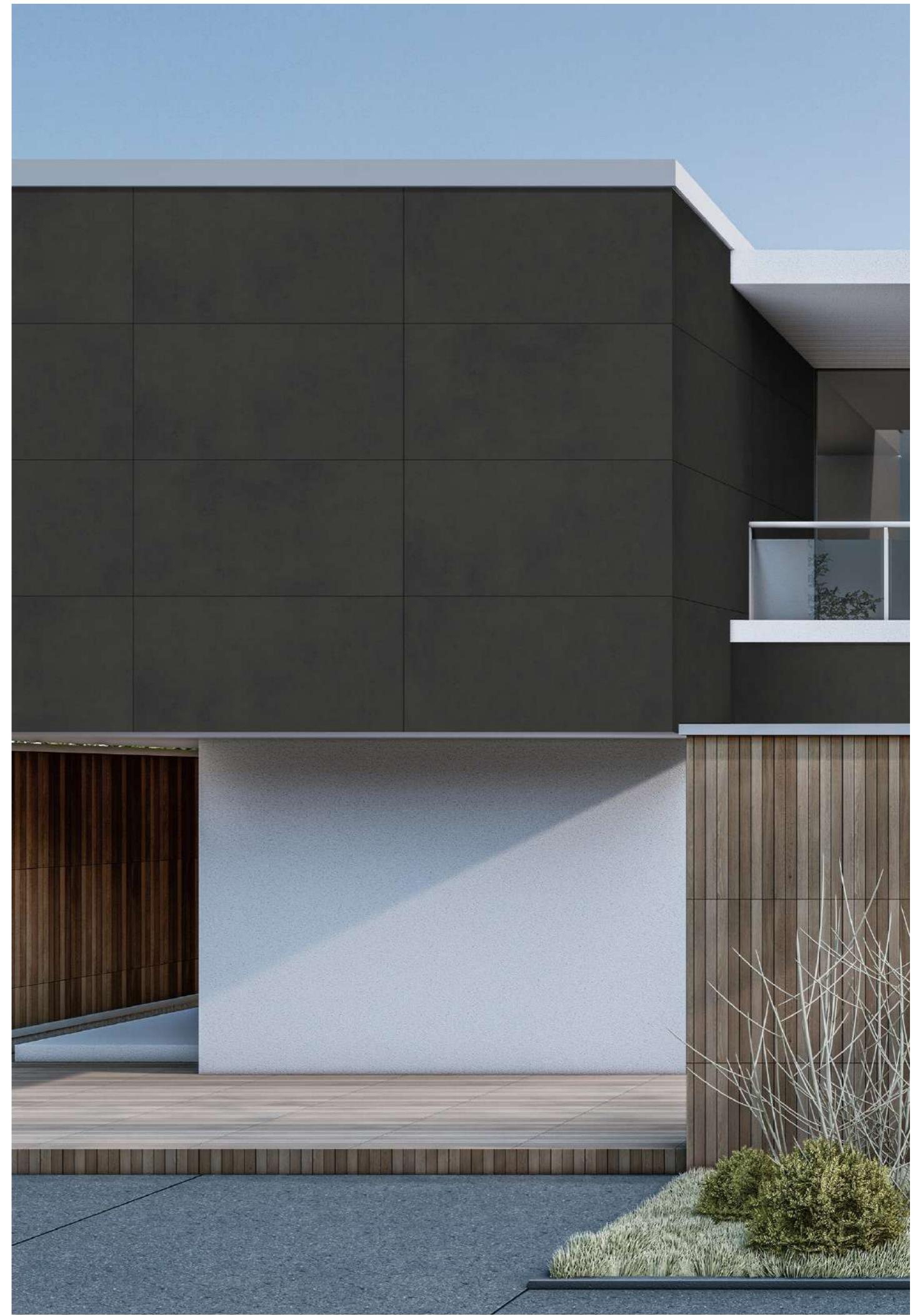
5mm



Matt



Color Body



NEO SMOKE



76

60x120 cm



3

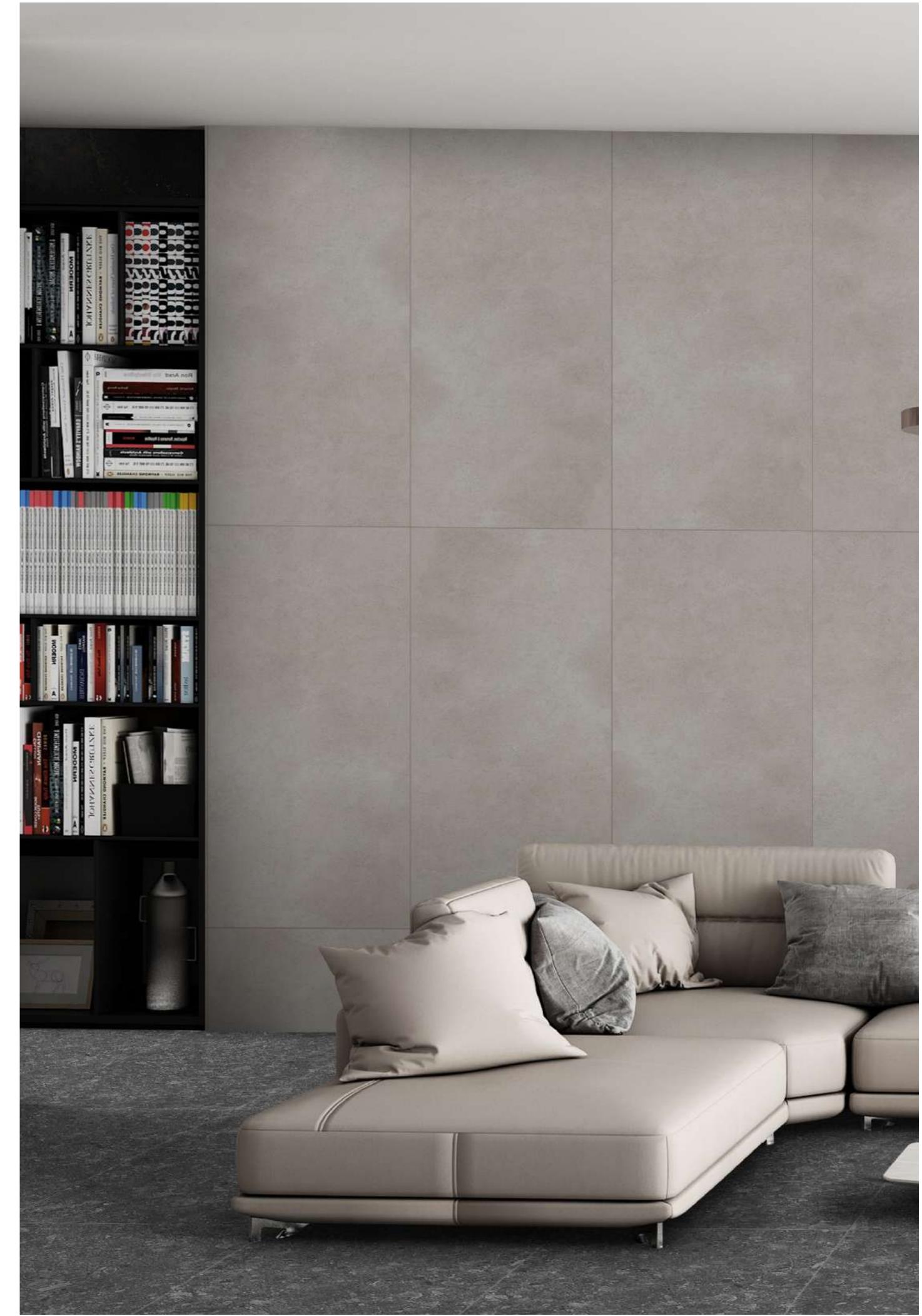


5mm

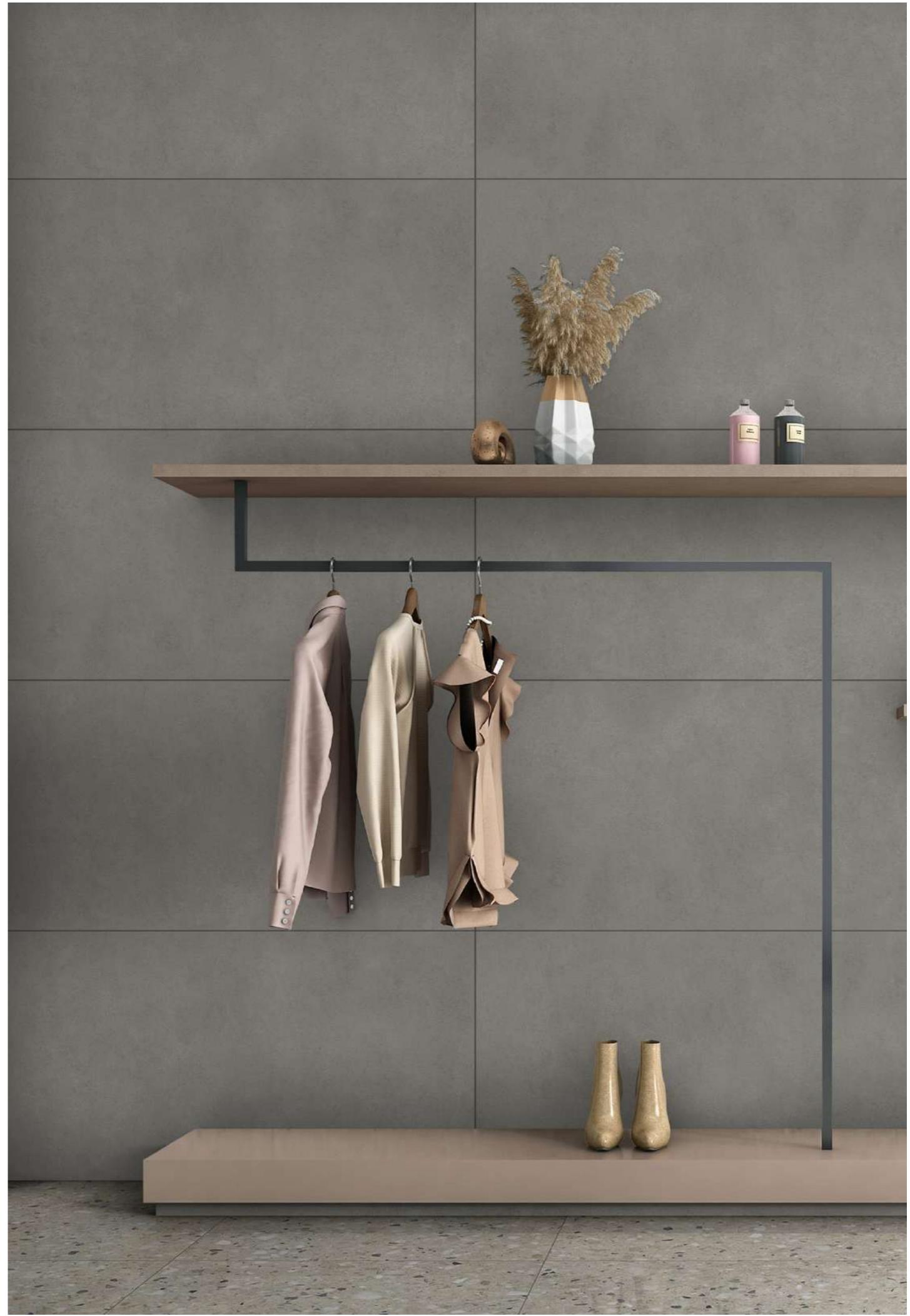
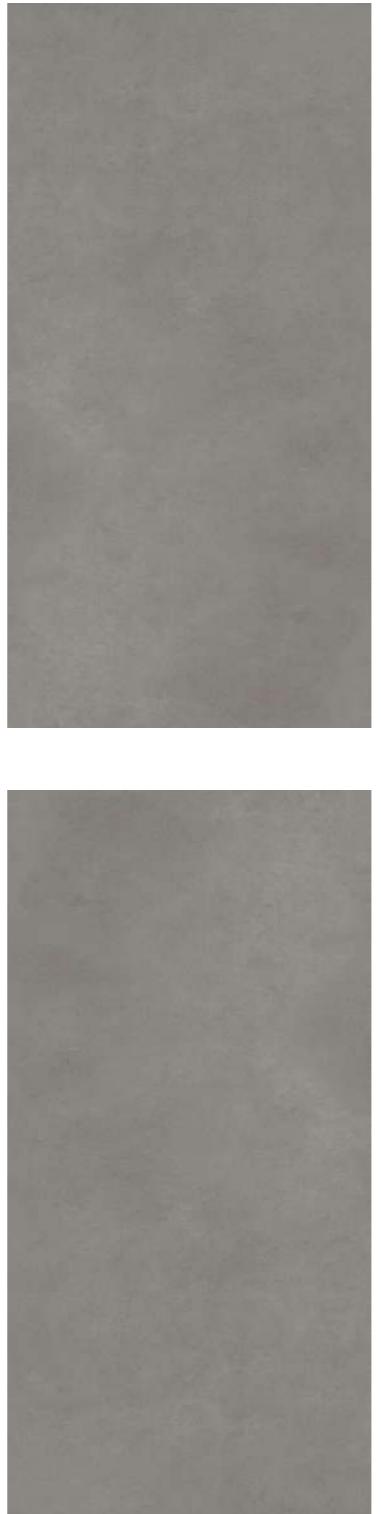


Matt

Color Body



NEO VERDE





SLATE SERIES

SLATE BEIGE

TECHNOFLEX 5MM

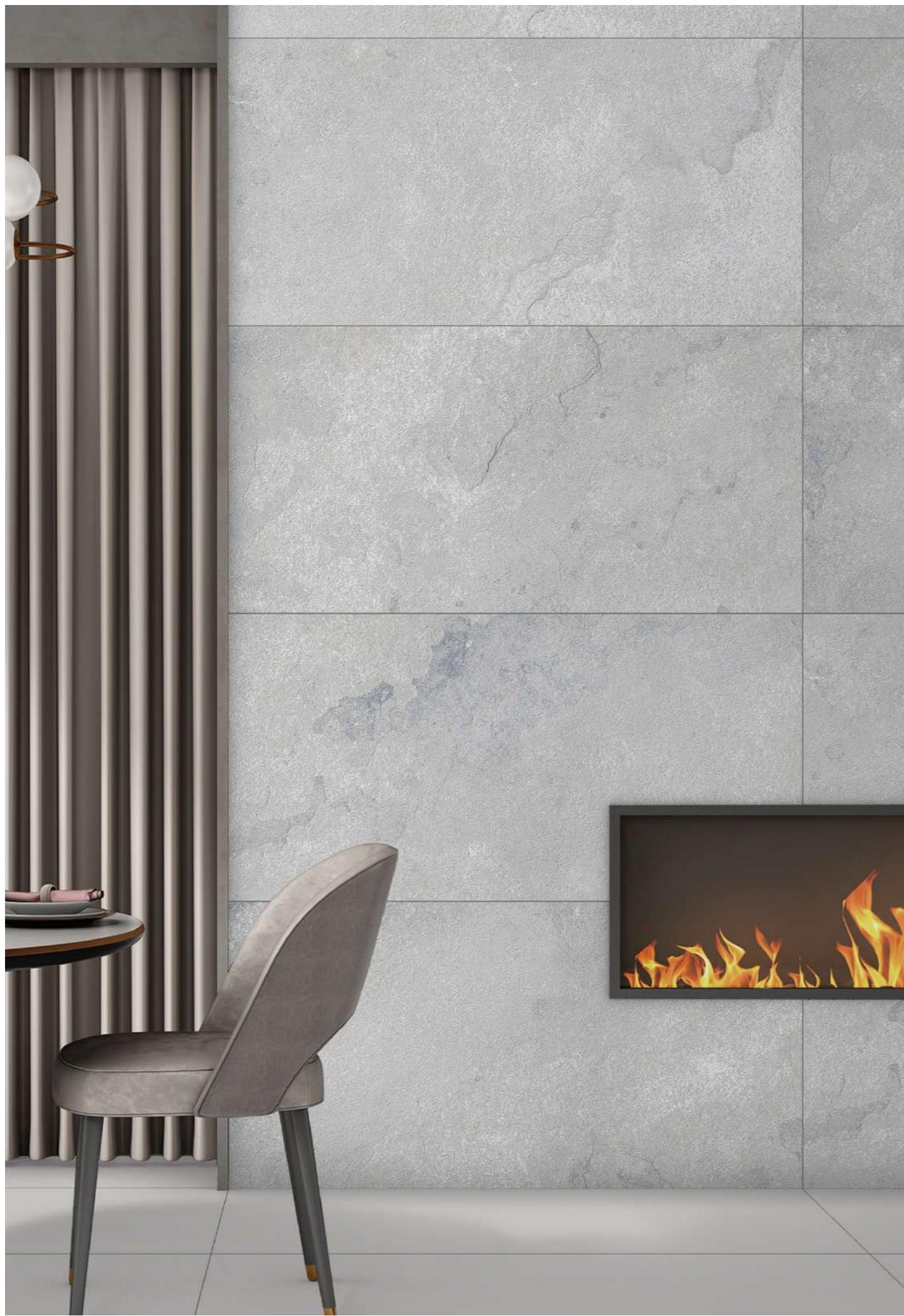


PORCELANATO

60x120 cm 4 5mm Matt Color Body

SLATE BIANCO

TECHNOFLEX 5MM

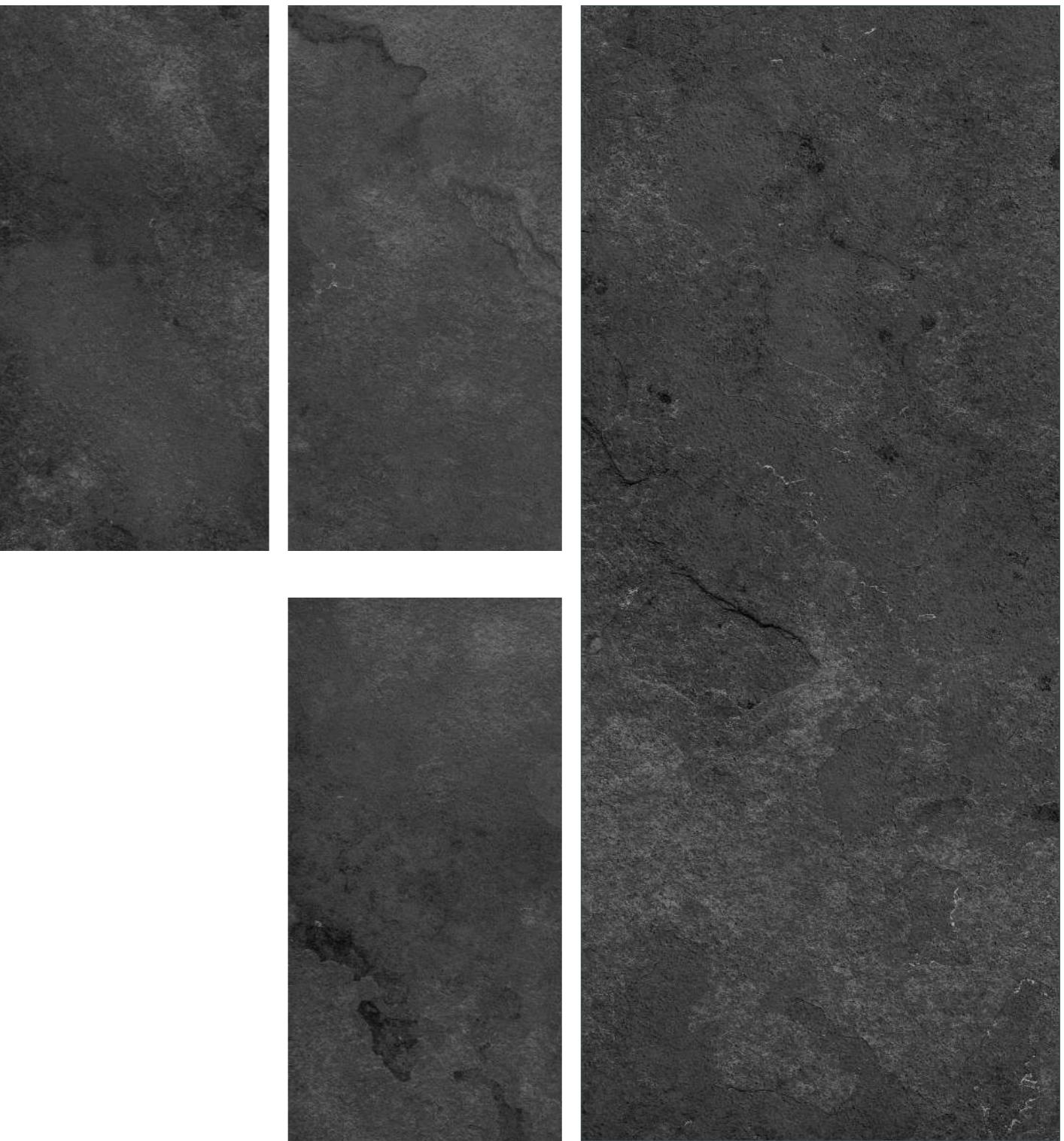


PORCELANATO

60x120 cm 4 5mm Matt Color Body

SLATE BLACK

TECHNOFLEX 5MM

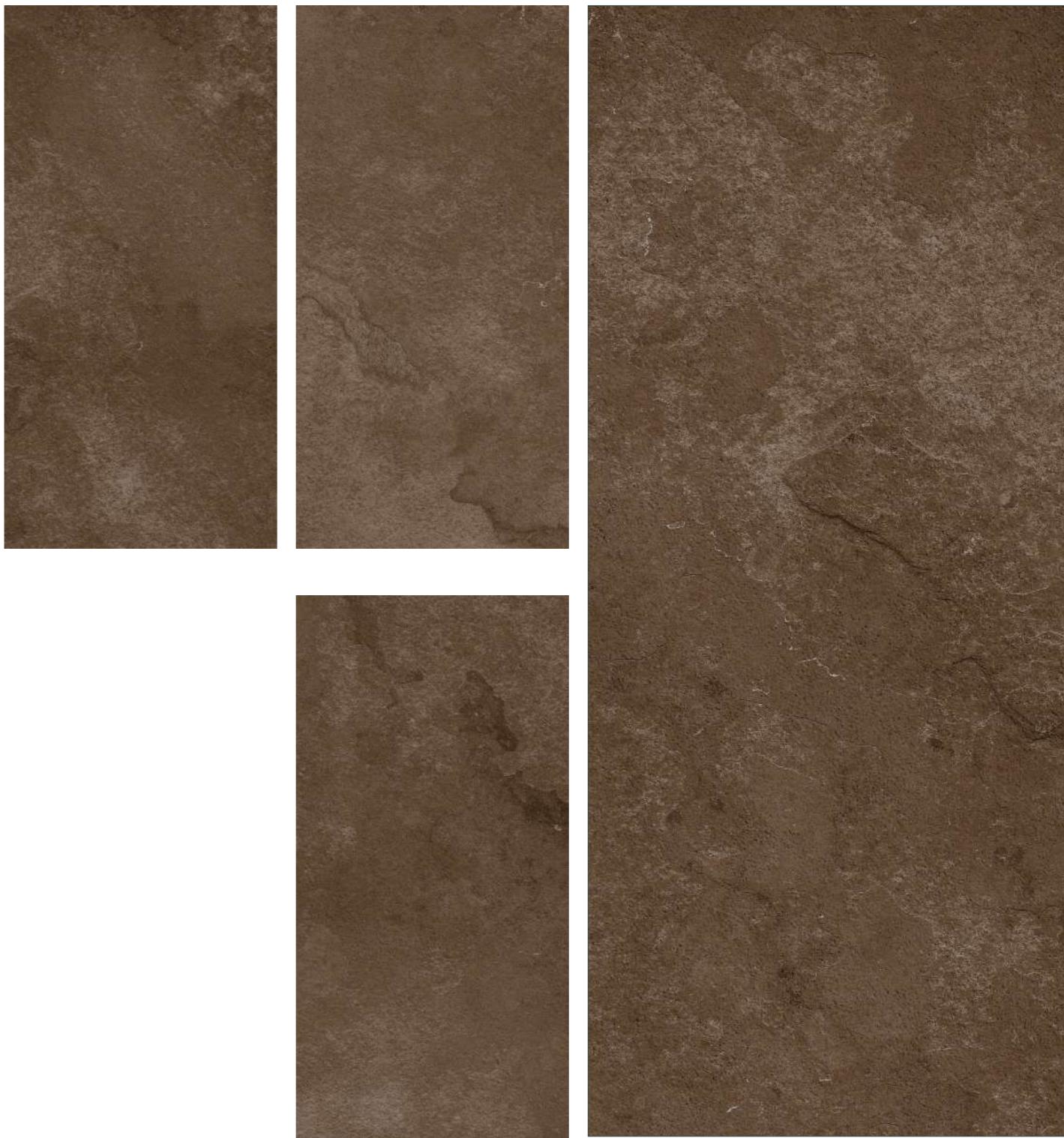
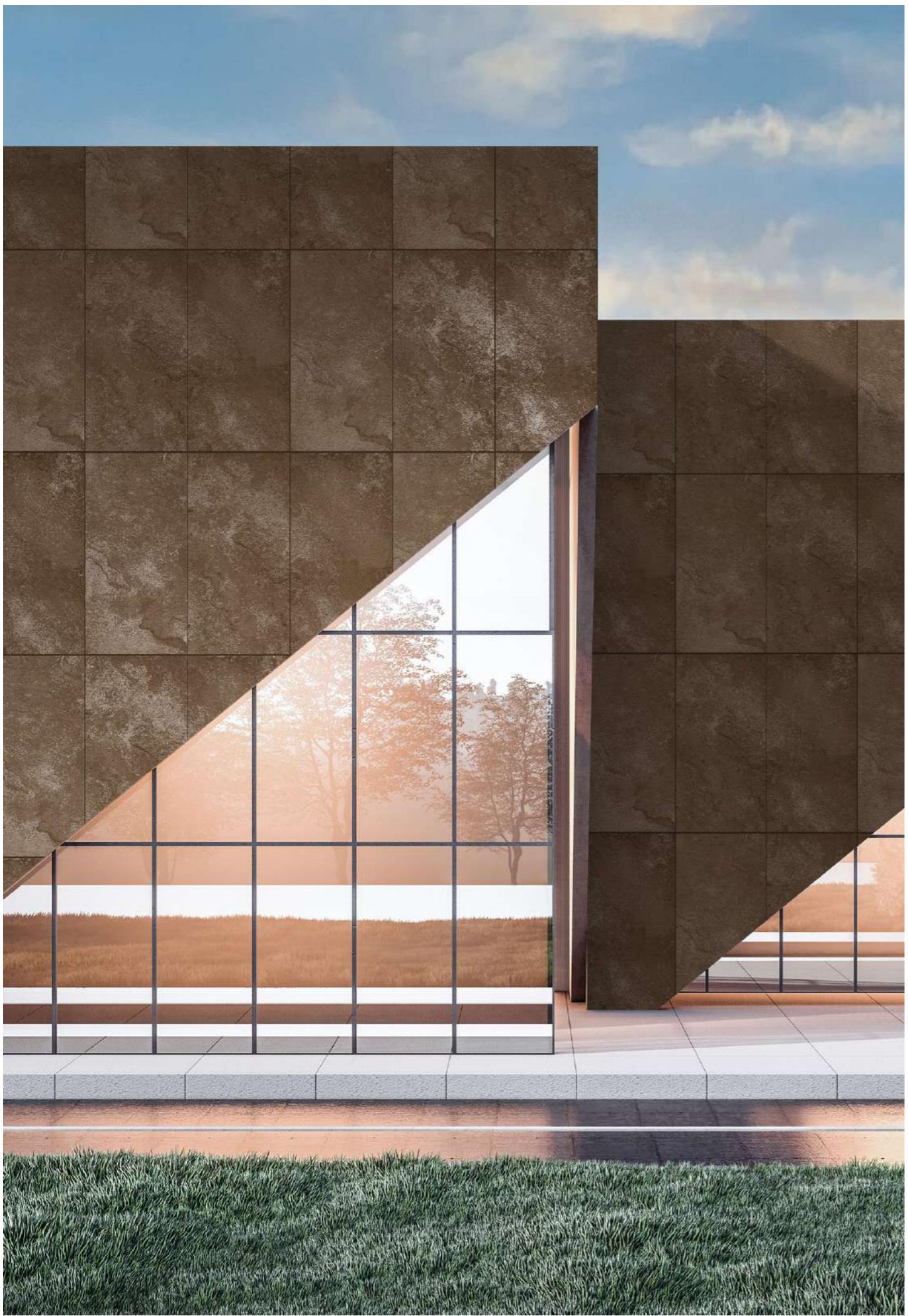


PORCELANATO

60x120 cm 4 5mm Matt Color Body

SLATE BRONZE

TECHNOFLEX 5MM



PORCELANATO

60x120 cm 4 5mm Matt Color Body

SLATE COTTA

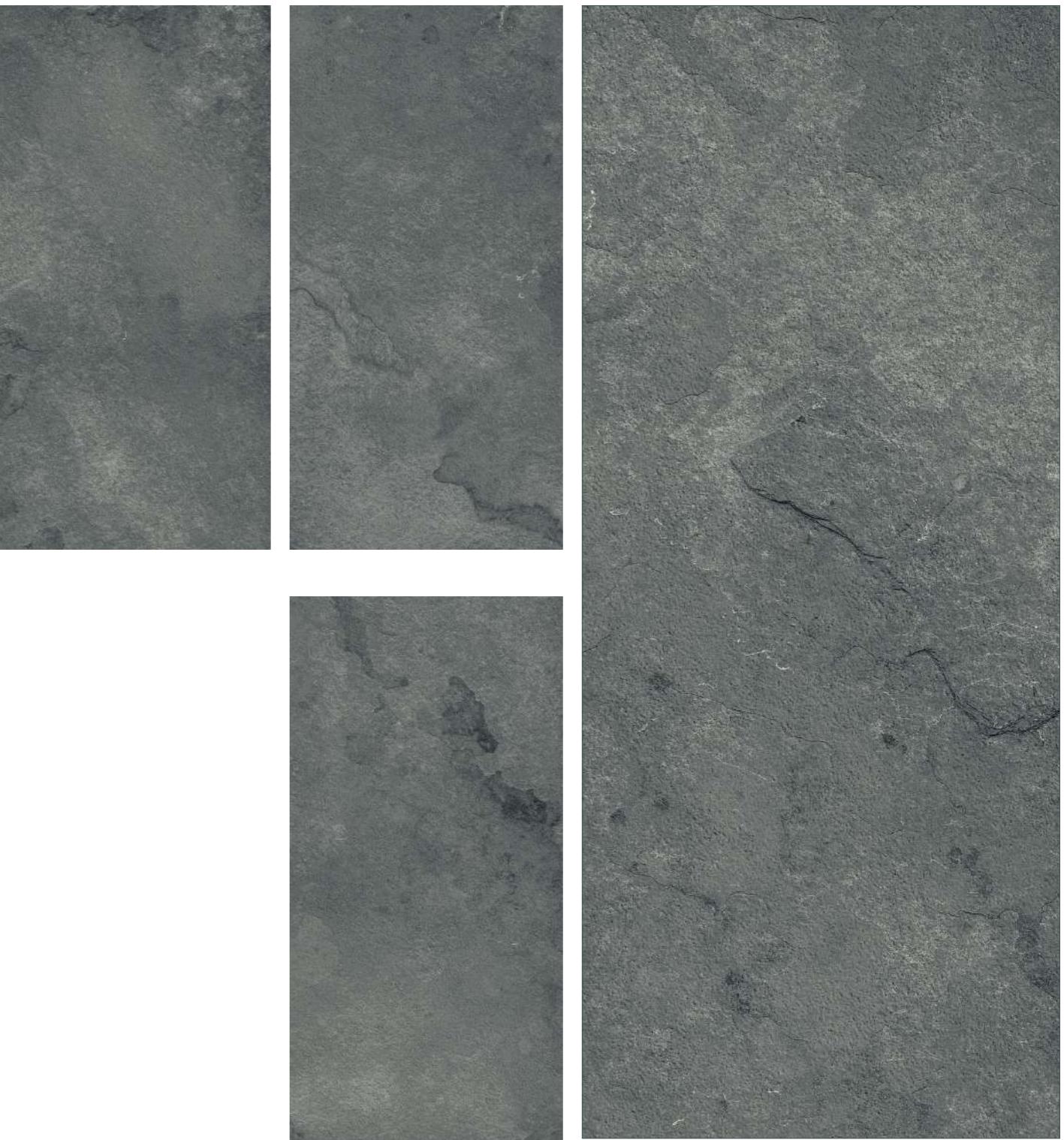
TECHNOFLEX 5MM



PORCELANATO

60x120 cm 4 5mm Matt Color Body

SLATE GREEN COTTA

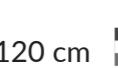
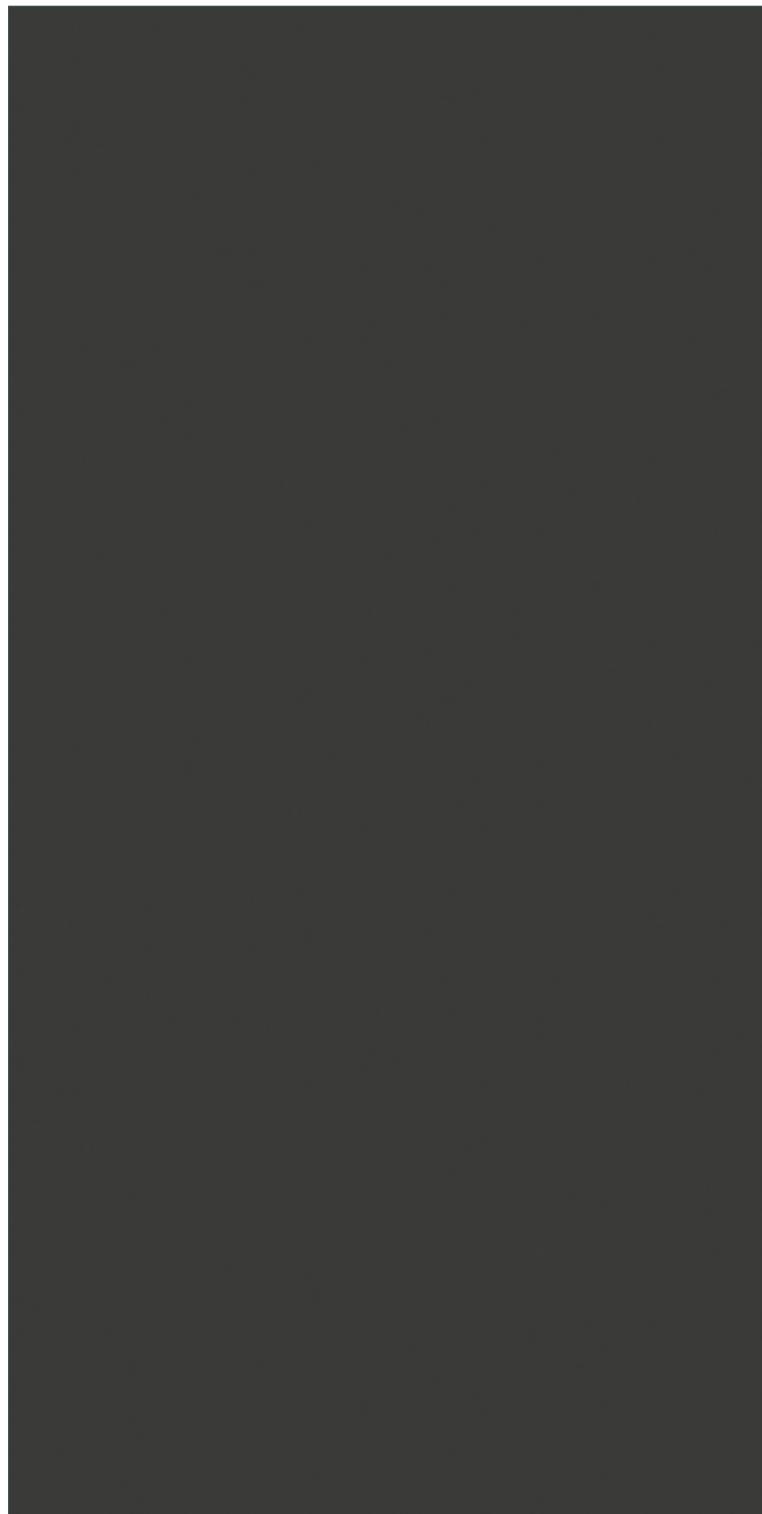


    60x120 cm  4  5mm  Matt  Color Body

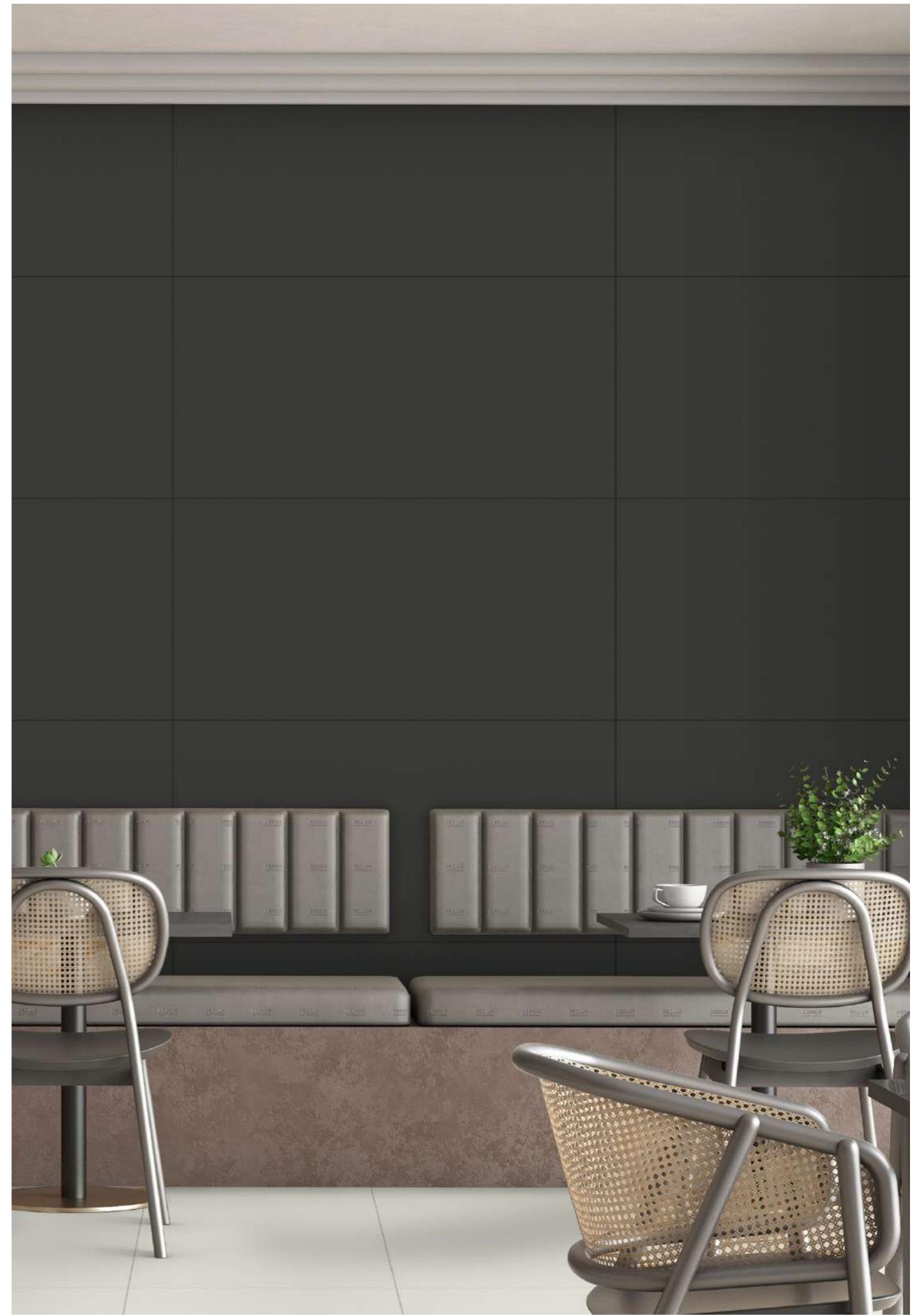
FULL BODY



PURE BLACK



96



97

PURE COBALT



98



60x120 cm



1



5mm



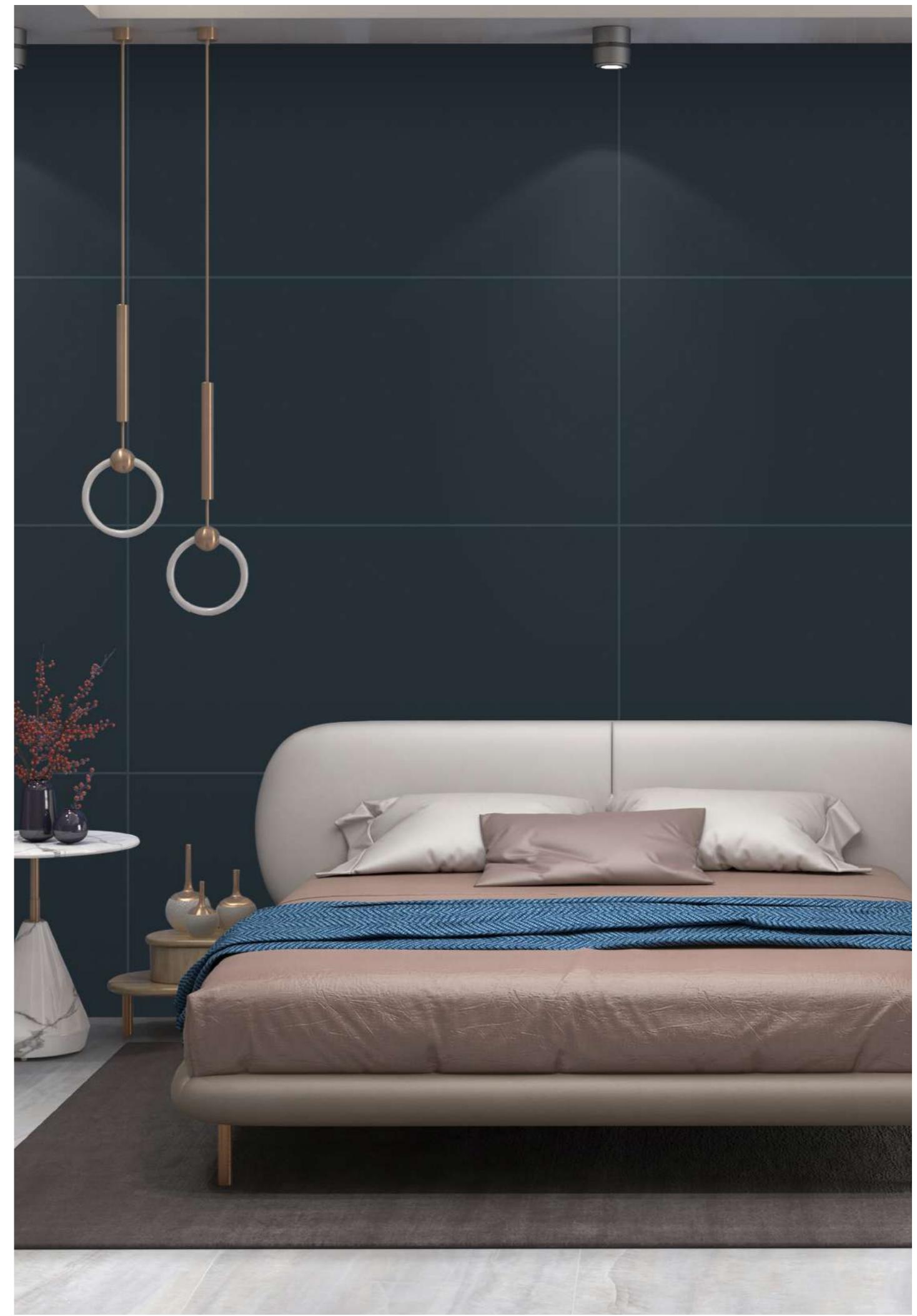
Matt



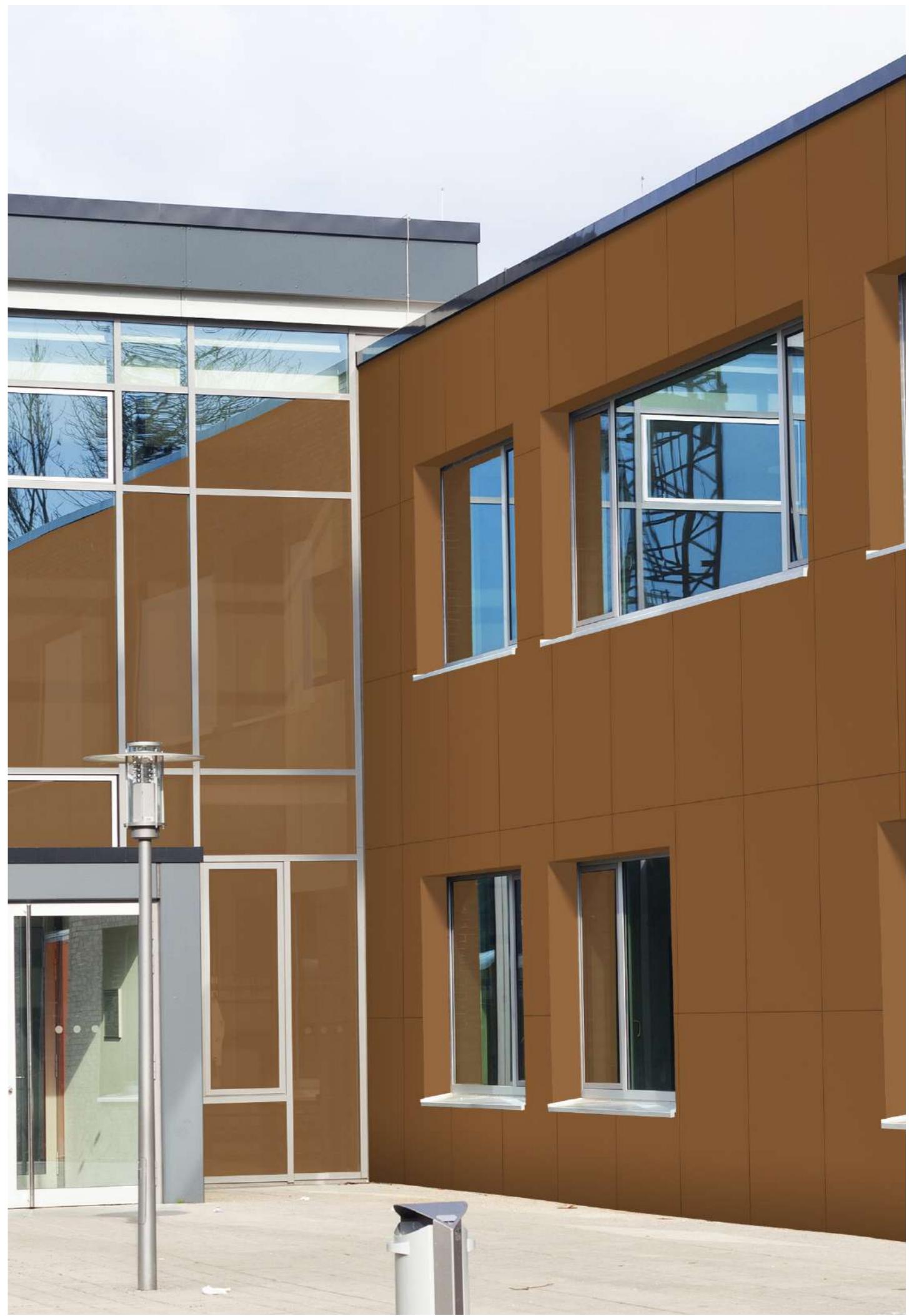
Matt



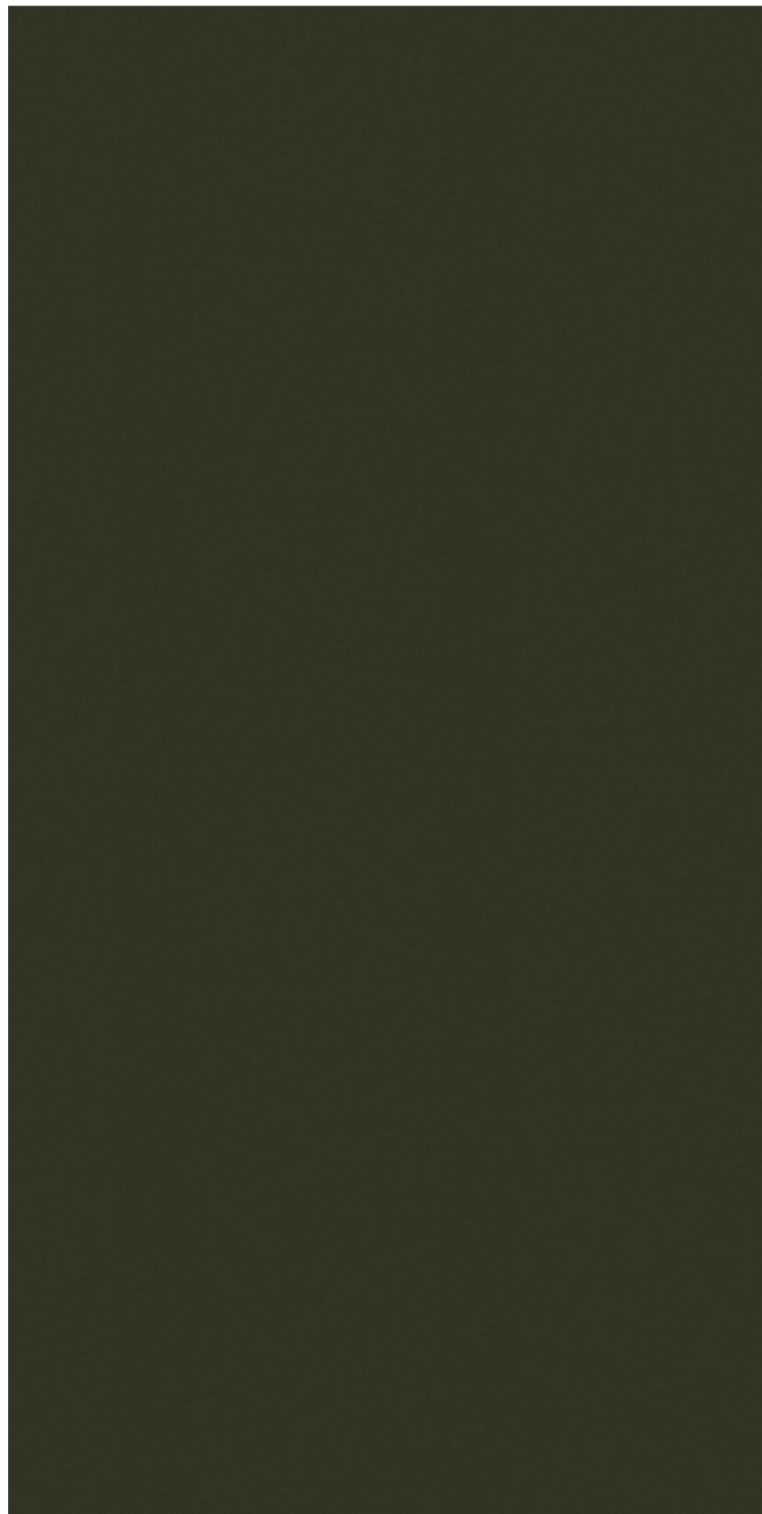
Full Body



PURE GOLDEN



PURE MOSS GREEN



102

60x120 cm



1



5mm



Matt

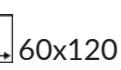


Full Body



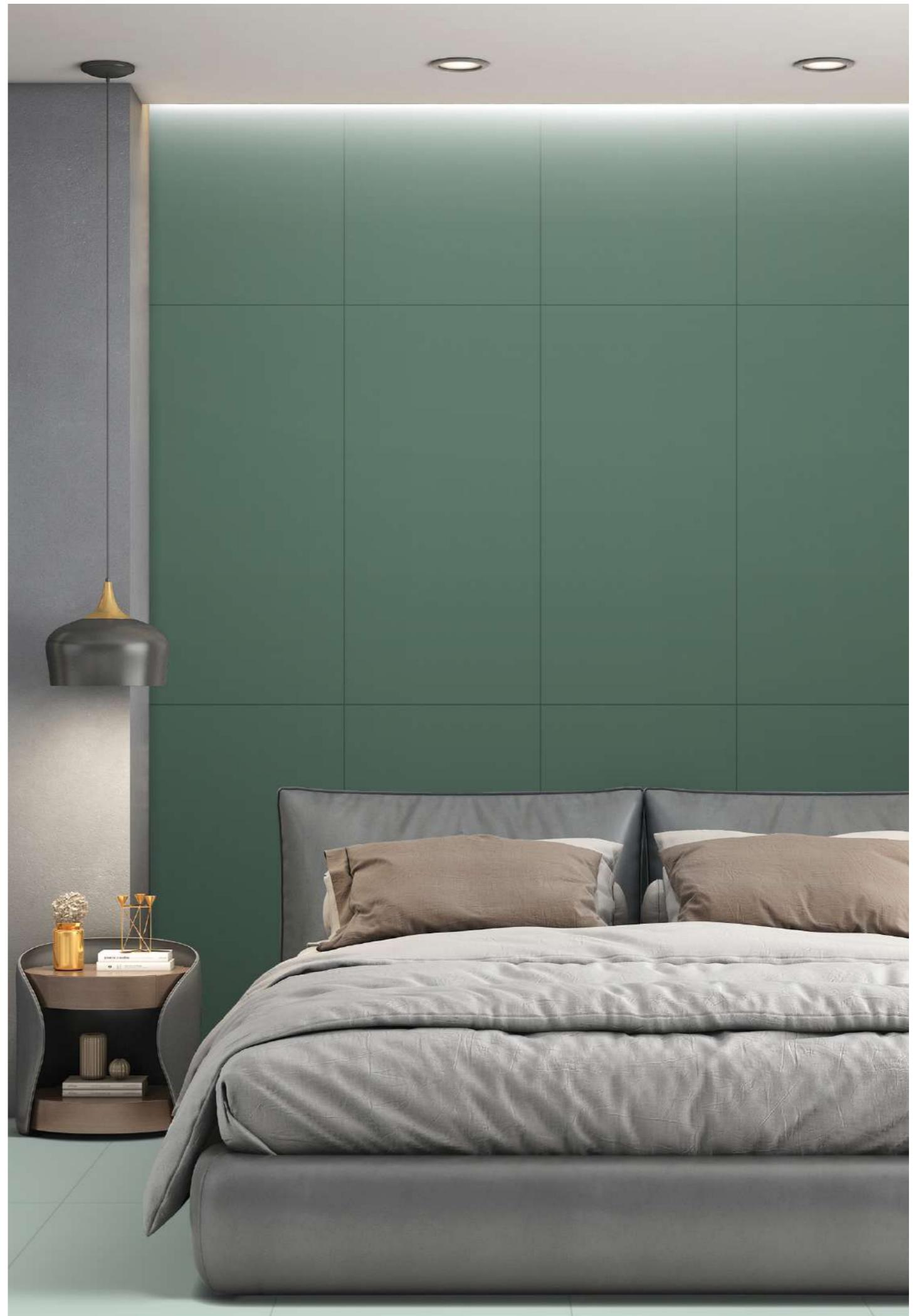
103

PURE OCEAN BLUE



60x120 cm 1 5mm Matt Full Body

104



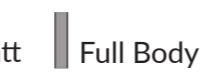
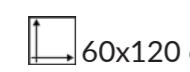
PORCELANATO

105

TECHNOFLEX 5MM



PURE OLIVE



106



107

PURE RED



108

60x120 cm



1



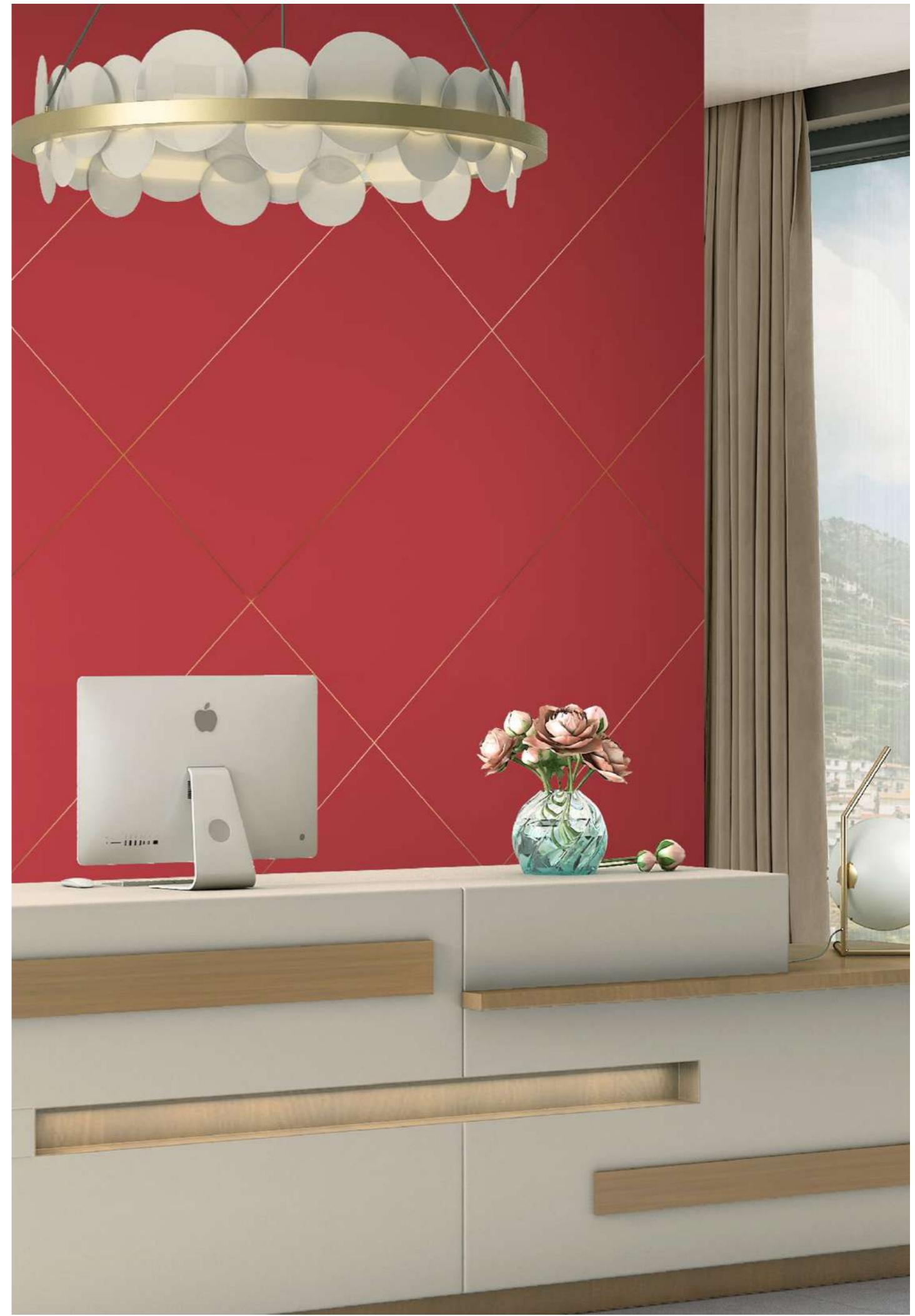
5mm



Matt



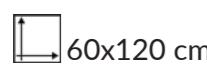
Full Body



PURE REED GREEN



110



60x120 cm



1 mm



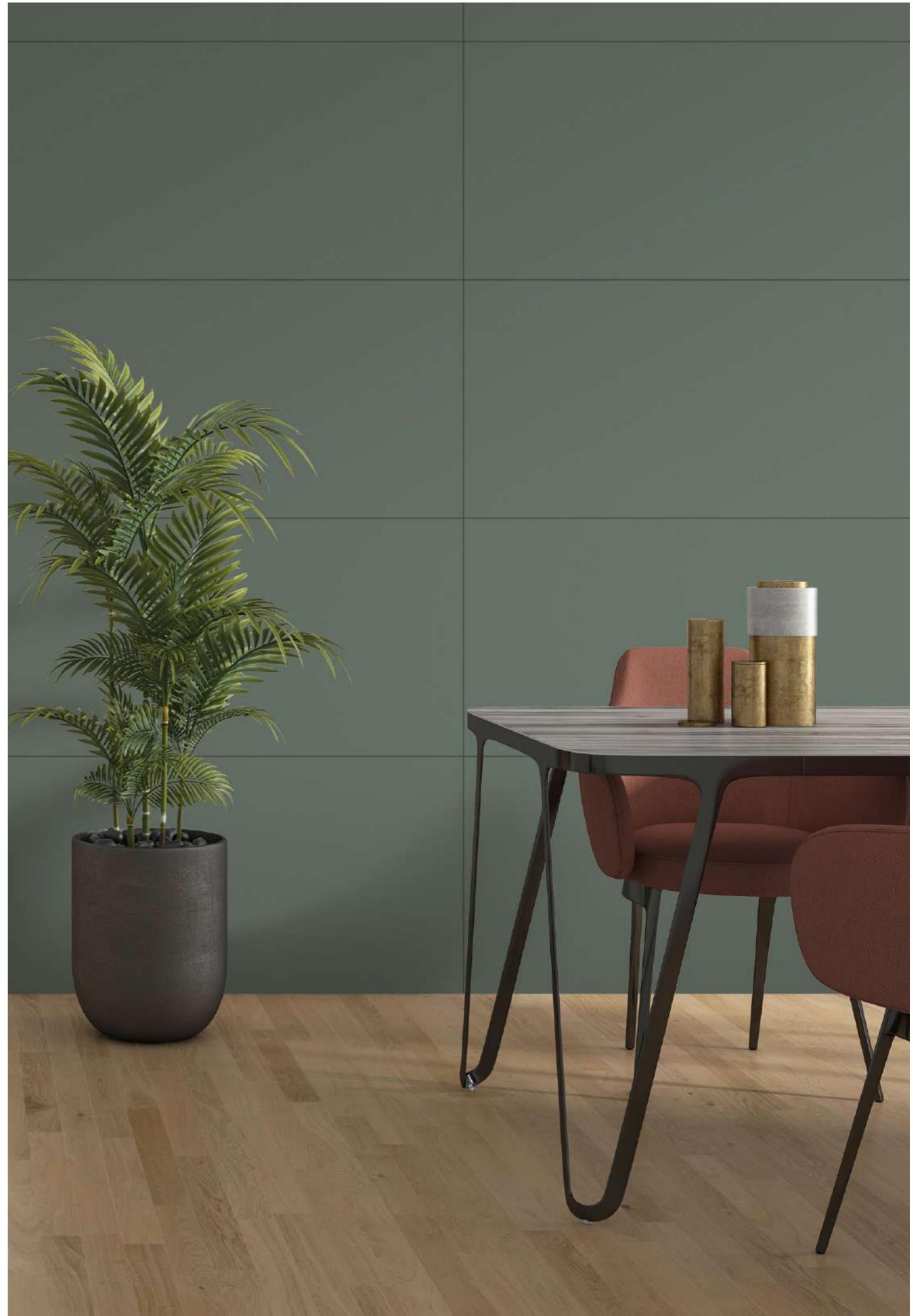
5mm



Matt

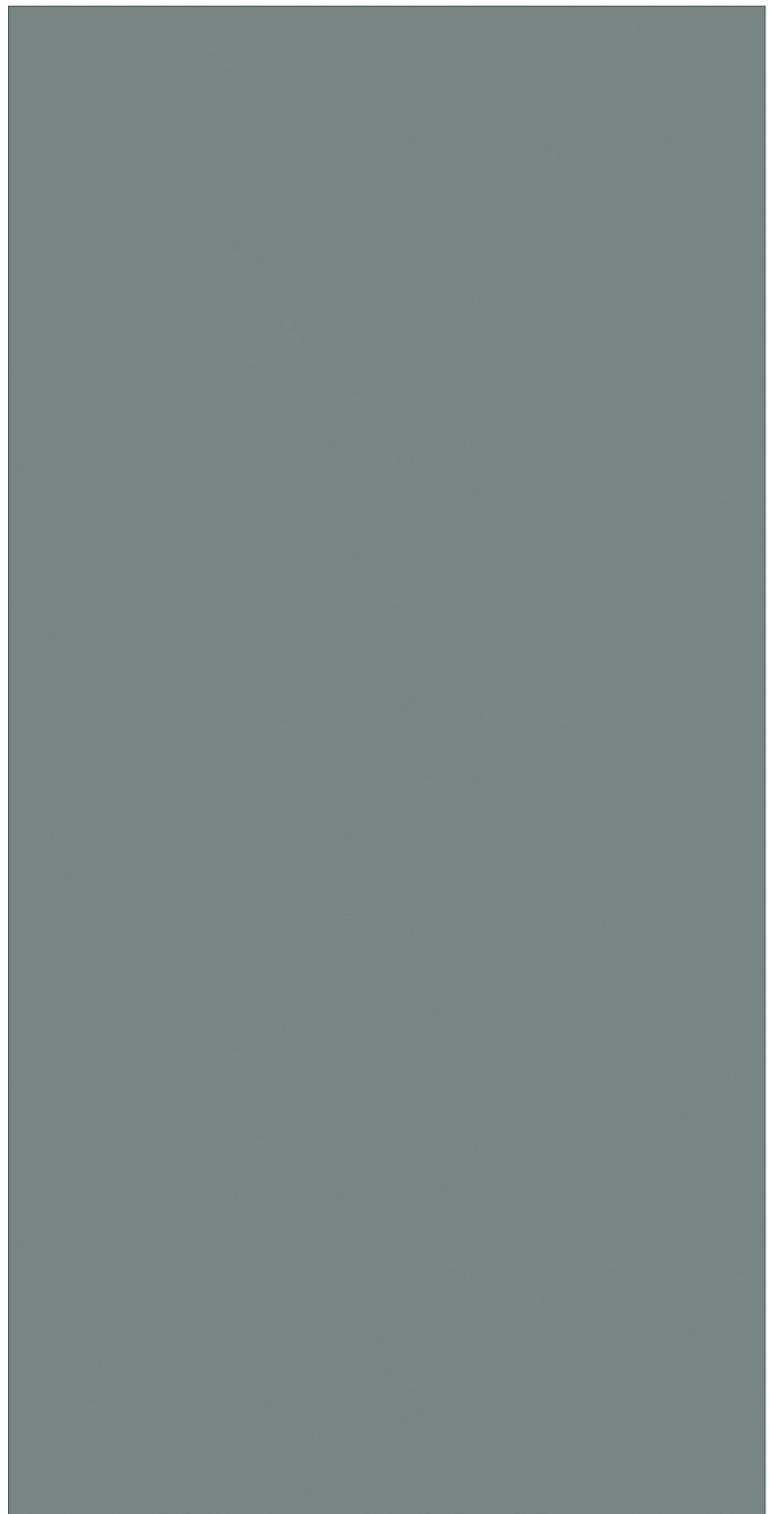


Full Body



111

PURE SILVER SPRING



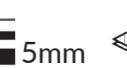
112



60x120 cm



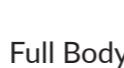
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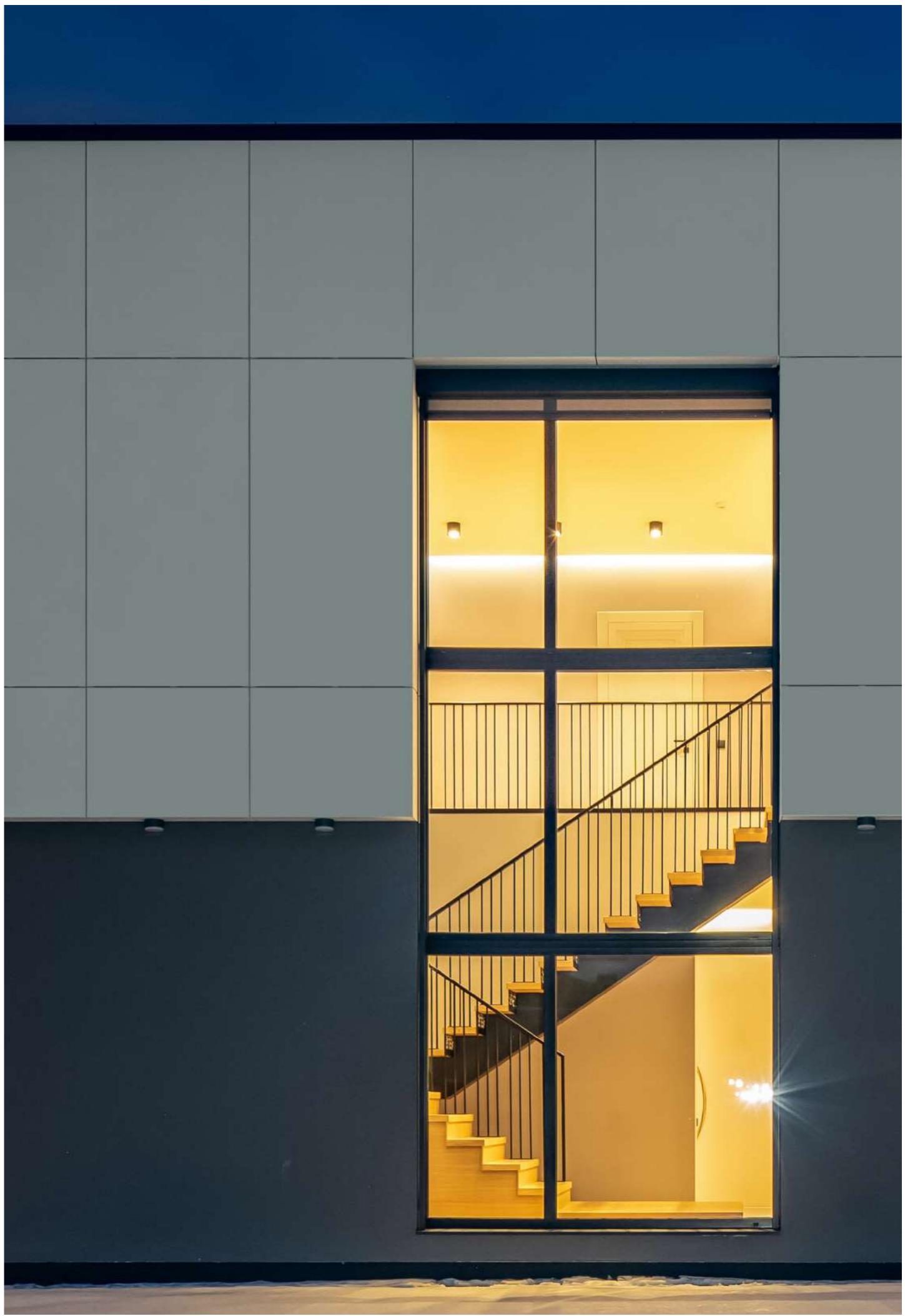
5mm



Matt



Full Body



113

PURE SOFT PEACH



114

60x120 cm



1



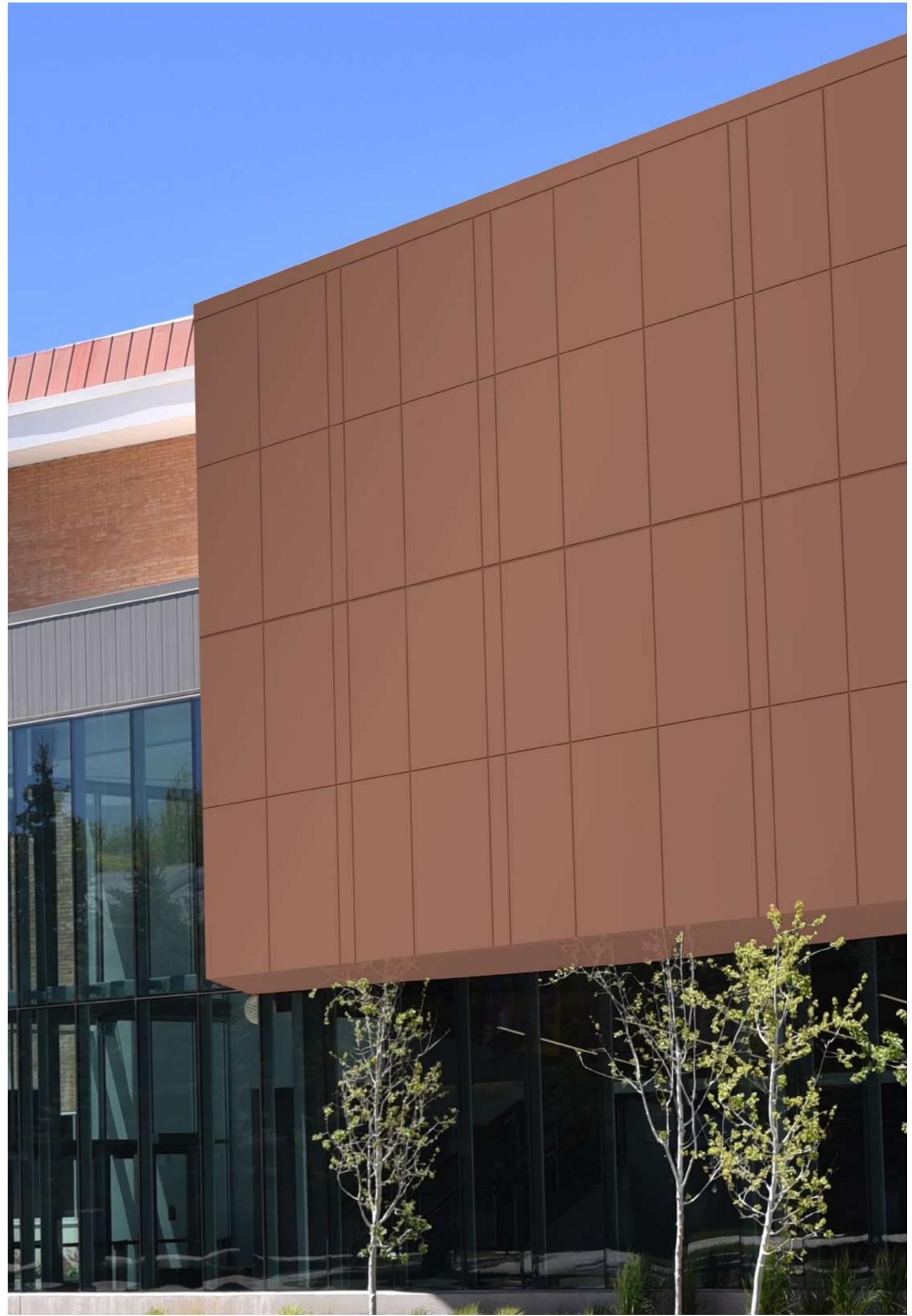
5mm



Matt



Full Body



115

PURE YELLOW



60x120 cm

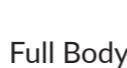
1



5mm



Matt



Full Body



TECHNICAL SPECIFICATIONS DIVINE SERIES

	KIND OF TEST	TEST METHOD	REQUIREMENTS	RESULT TECHNOFLEX (DIVINE SERIES)
1	DIMENSIONS AND SURFACE QUALITY			
	A- LENGTH	EN ISO10545-2	±0.6% - ±0.2 MM	AVEG. 0.03% - AVEG. 0.38 MM
	WIDTH	EN ISO10545-2	±0.6% - ±0.2 MM	AVEG. 0.06% - AVEG. 0.34 MM
	B- THICKNESS	EN ISO10545-2	±5% - ±0.5 MM	AVEG. 3.54% - AVEG. 0.18 MM
	C- STRAIGHTNESS OF SIDES LENGTH	EN ISO10545-2	±0.5% - ±1.5 MM	MAX 0.03% - MAX 0.41 MM
	WIDTH	EN ISO10545-2	±0.5% - ±1.5 MM	MAX 0.05% - MAX 0.29 MM
	D- RECTANGULARITY LENGTH	EN ISO10545-2	±0.5% - ±2 MM	MAX 0.04% - MAX 0.49 MM
	WIDTH	EN ISO10545-2	±0.5% - ±2 MM	MAX 0.06% - MAX 0.36 MM
	E- SURFACE FLATNESS (CENTRE CURVATURE) LENGTH	EN ISO10545-2	±0.5% - ±2 MM	MAX 0.03% - MAX 0.42 MM
	WIDTH	EN ISO10545-2	±0.5% - ±2 MM	MAX 0.02% - MAX 0.32 MM
	SURFACE FLATNESS (EDGE CURVATURE) LENGTH	EN ISO10545-2	±0.5% - ±2 MM	MAX 0.04% - MAX 0.48 MM
	WIDTH	EN ISO10545-2	±0.5% - ±2 MM	MAX 0.05% - MAX 0.29 MM
	WARPAGE RELATED TO DIAGONAL CALCULATED FOR 15 CM LENGTH	EN ISO10545-2	±0.5% - ±2MM	MAX 0.03% - MAX 0.44 MM
	WIDTH	EN ISO10545-2	±0.5 % - ±2MM	MAX 0.03% - MAX 0.27 MM
	F- SURFACE QUALITY	EN ISO10545-2	MINIMUM 95% OF TILE SHALL BE FREE FROM VISIBLE DEFECTS	100%
2	WATER ABSORTION %	EN ISO10545-3	EV ≤5% INDIVIDUAL MAXIMUM 0.6%	AVERAGE 0.030% - MAXIMUM 0.039%
3	BREAKING STRENGHT IN N	EN ISO10545-4	NOT LESS THAN 700 THICKNESS < 7.5 MM	AVERAGE 716.62 N - MINIMUM 705.05 N
3	MODULUS OF RUPTURE	EN ISO10545-4	AVERAGE MIN 35 N/MM ² INDIVIDUAL MIN 32 N/MM ²	AVERAGE 48.56 N/MM ² MINIMUM 47.07 N/MM ²
4	RESISTANCE TO SURFACE ABRASION (PEI)	EN ISO10545-7	ABRASION CLASS AND CYCLES PASSED	CLASS - IV 6000 REVOLUTION PASS
5	COEFFICIENT OF LINER THERMAL EXPANSION (FROM AMBIENT TEMPERATURE TO 100°C)	EN ISO10545-8	DECLARE VALUE 9X10 ⁻⁶ MAX	2.83X10 ⁻⁶
6	THERMAL SHOCK RESISTANCE	EN ISO10545-9	PASS ACCORDING TO EN ISO10545-1G 10 CYCLE MUST PASS	NO DAMAGE OBSERVED
7	CRAZING RESISTANCE	EN ISO10545-11	PASS ACCORDING TO EN ISO10545-1G TWO CYCLE MUST PASS	NO CRAZING OBSERVED
8	SLIPPERNESS	DIN 51130.2014	DECLARE VALUE	N/A
9	FROST RESISTANCE	EN ISO10545-12	PASS ACCORDING TO EN ISO10545-1G REQUIRED	N/A
10	MOISTURE EXPANSION MM/M	EN ISO10545-10	DECLARE VALUE 0.01 MM7M	0.004 MM/M
11	SMALL COLOUR DIFFERENCES	EN ISO10545-16	PLAIN COLOURED TILES ONLY WHERE REQUIRED GL: Δ <0.75	N/A
12	IMPACT RESISTANCE (COEFFICIENT OF RESTITUTION COR)	EN ISO 10545-5	DECLARED VALUE	0.81
13	REACTION TO FIRE	WT	CLASS A1 OR A1 FL	CLASS A1
14	BULK DENSITY IN (G/CC)	EN ISO10545-3	2.2 MIN	2.2410 G/CC
15	SCRATCH HARDNESS OF SURFACE	IS 13630-13	5 MOH'S SCALE, MIN	7 MOH'S SCALE
16	CHEMICAL PROPERTIES - RESISTANCE TO STAINING			
	GREEN STAIN IN LIGHT OIL RED STAIN IN LIGHT OIL LODIN, 13G/L IN ALCOHOL OLIVE OIL	EN ISO10545-14	MIN CLASS - 3	CLASS 5
17	RESISTANCE TO LOW CONCENTRATION OF ACID & ALKALI			
	HYDROCHLORIC ACID SOLUTION 3% V/V CITRIC ACID SOLN. 100 GM/L POTASSIUM HYDROXIDE SOLN 30 GM/L	EN ISO10545-13	DECLARED VALUE	GLA GLA GLA
18	RESISTANCE TO HIGH CONCENTRATION OF ACID & ALKALI			
	HYDROCHLORIC ACID SOLUTION 18% V/V LACTIC ACID 5% V/V POTASSIUM HYDROXIDE SOLN 100 GM/L	EN ISO10545-13	DECLARED VALUE	GHA GHA GHB
19	HOUSEHOLD CHEMICAL RESISTANCE AMMONIUM CHLORIDE SOLUTION 100 GM/L	EN ISO10545-13	MINIMUM CLASS B	GA
20	SWIMMING POOL SALT: SODIUM HYPOCHLORITE SOLUTION 20 MG/L	EN ISO10545-13	MINIMUM CLASS B	GA
21	LEAD AND CADMIUM RELEASE			
	LEAD RELEASE IN MG/DM ³	EN ISO10545-15	DECLARED VALUE	0.008 MG/DM ³
	CADMIDIUM RELEASE IN MG/DM ³	EN ISO10545-15	DECLARED VALUE	0.004 MG/DM ³
22	COEFFICIENT OF FRICTION (ANTI SLIP TEST) "RAMP TEST"	DIN 51130:2014	-	CLASS 9



TECHNICAL SPECIFICATIONS ELITE SERIES

	KIND OF TEST	TEST METHOD	REQUIREMENTS	RESULT TECHNOFLEX (ELITE SERIES)
1	DIMENSIONS AND SURFACE QUALITY			
	A- LENGTH	EN ISO10545-2	±0.6% - ±0.2 MM	AVEG. 0.02% - AVEG. 0.24 MM
	WIDTH	EN ISO10545-2	±0.6% - ±0.2 MM	AVEG. 0.04% - AVEG. 0.22 MM
	B- THICKNESS	EN ISO10545-2	±5% - ±0.5 MM	AVEG. 4.79% - AVEG. 0.24 MM
	C- STRAIGHTNESS OF SIDES LENGTH	EN ISO10545-2	±0.5% - ±1.5 MM	MAX 0.03% - MAX 0.36 MM
	WIDTH	EN ISO10545-2	±0.5% - ±1.5 MM	MAX 0.05% - MAX 0.28 MM
	D- RECTANGULARITY LENGTH	EN ISO10545-2	±0.5% - ±2 MM	MAX 0.04% - MAX 0.44 MM
	WIDTH	EN ISO10545-2	±0.5% - ±2 MM	MAX 0.06% - MAX 0.35 MM
	E- SURFACE FLATNESS (CENTRE CURVATURE) LENGTH	EN ISO10545-2	±0.5% - ±2 MM	MAX 0.03% - MAX 0.41 MM
	WIDTH	EN ISO10545-2	±0.5% - ±2 MM	MAX 0.02% - MAX 0.31 MM
	SURFACE FLATNESS (EDGE CURVATURE) LENGTH	EN ISO10545-2	±0.5% - ±2 MM	MAX 0.04% - MAX 0.42 MM
	WIDTH	EN ISO10545-2	±0.5% - ±2 MM	MAX 0.06% - MAX 0.33 MM
	WARPAGE RELATED TO DIAGONAL CALCULATED FOR 15 CM LENGTH	EN ISO10545-2	±0.5% - ±2MM	MAX 0.03% - MAX 0.43MM
	WIDTH	EN ISO10545-2	±0.5 % - ±2MM	MAX 0.03% - MAX 0.28MM
	F- SURFACE QUALITY	EN ISO10545-2	MINIMUM 95% OF TILE SHALL BE FREE FROM VISIBLE DEFECTS	100%
2	WATER ABSORTION %	EN ISO10545-3	EV ≤05% INDIVIDUAL MAXIMUM 0.6%	AVERAGE 0.026% - MAXIMUM 0.053%
3	BREAKING STRENGHT IN N	EN ISO10545-4	NOT LESS THAN 700 THICKNESS < 7.5 MM	AVERAGE 733.44 N - MINIMUM 710.95 N
3	MODULUS OF RUPTURE	EN ISO10545-4	AVERAGE MIN 35 N/MM ² INDIVIDUAL MIN 32 N/MM ²	AVERAGE 48.59 N/MM ² MINIMUM 47.47 N/MM ²
4	RESISTANCE TO SURFACE ABRASION (PEI)	EN ISO10545-7	ABRASION CLASS AND CYCLES PASSED	CLASS - IV 6000 REVOLUTION PASS
5	COEFFICIENT OF LINER THERMAL EXPANSION (FROM AMBIENT TEMPERATURE TO 100°C)	EN ISO10545-8	DECLARE VALUE 9X10 ⁻⁶ MAX	2.81X10 ⁻⁶
6	THERMAL SHOCK RESISTANCE	EN ISO10545-9	PASS ACCORDING TO EN ISO10545-1G 10 CYCLE MUST PASS	NO DAMAGE OBSERVED
7	CRAZING RESISTANCE	EN ISO10545-11	PASS ACCORDING TO EN ISO10545-1G TWO CYCLE MUST PASS	NO CRAZING OBSERVED
8	SLIPPERNESS	DIN 51130.2014	DECLARE VALUE	N/A
9	FROST RESISTANCE	EN ISO10545-12	PASS ACCORDING TO EN ISO10545-1G REQUIRED	N/A
10	MOISTURE EXPANSION MM/M	EN ISO10545-10	DECLARE VALUE 0.01 MM7M	0.004 MM/M
11	SMALL COLOUR DIFFERENCES	EN ISO10545-16	PLAIN COLOURED TILES ONLY WHERE REQUIRED GL: Δ <0.75	N/A
12	IMPACT RESISTANCE (COEFFICIENT OF RESTITUTION COR)	EN ISO 10545-5	DECLARED VALUE	0.79
13	REACTION TO FIRE	WT	CLASS A1 OR A1 FL	CLASS A1
14	BULK DENSITY IN (G/CC)	EN ISO10545-3	2.2 MIN	2.2450 G/CC
15	SCRATCH HARDNESS OF SURFACE	IS 13630-13	5 MOH'S SCALE, MIN	7 MOH'S SCALE
16	CHEMICAL PROPERTIES - RESISTANCE TO STAINING			
	GREEN STAIN IN LIGHT OIL RED STAIN IN LIGHT OIL LODIN, 13G/L IN ALCOHOL OLIVE OIL	EN ISO10545-14	MIN CLASS - 3	CLASS 5
17	RESISTANCE TO LOW CONCENTRATION OF ACID & ALKALI			
	HYDROCHLORIC ACID SOLUTION 3% V/V CITRIC ACID SOLN. 100 GM/L POTASSIUM HYDROXIDE SOLN 30 GM/L	EN ISO10545-13	DECLARED VALUE	GLA GLA GLA
18	RESISTANCE TO HIGH CONCENTRATION OF ACID & ALKALI			
	HYDROCHLORIC ACID SOLUTION 18% V/V LACTIC ACID 5% V/V POTASSIUM HYDROXIDE SOLN 100 GM/L	EN ISO10545-13	DECLARED VALUE	GHA GHA GHB
19	HOUSEHOLD CHEMICAL RESISTANCE AMMONIUM CHLORIDE SOLUTION 100 GM/L	EN ISO10545-13	MINIMUM CLASS B	GA
20	SWIMMING POOL SALT: SODIUM HYPOCHLORITE SOLUTION 20 MG/L	EN ISO10545-13	MINIMUM CLASS B	GA
21	LEAD AND CADMIUM RELEASE			
	LEAD RELEASE IN MG/DM ³	EN ISO10545-15	DECLARED VALUE	0.008 MG/DM ³
	CADMIDIUM RELEASE IN MG/DM ³	EN ISO10545-15	DECLARED VALUE	0.004 MG/DM ³
22	COEFFICIENT OF FRICTION (ANTI SLIP TEST) "RAMP TEST"	DIN 51130:2014	-	CLASS 9



TECHNICAL SPECIFICATIONS NEO SERIES

	KIND OF TEST	TEST METHOD	REQUIREMENTS	RESULT TECHNOFLEX (NEO SERIES)
1	DIMENSIONS AND SURFACE QUALITY			
	A- LENGTH	EN ISO10545-2	±0.6% - ±0.2 MM	AVEG. 0.03% - AVEG. 0.34 MM
	WIDTH	EN ISO10545-2	±0.6% - ±0.2 MM	AVEG. 0.04% - AVEG. 0.27 MM
	B- THICKNESS	EN ISO10545-2	±5% - ±0.5 MM	AVEG. 4.08% - AVEG. 0.20 MM
	C- STRAIGHTNESS OF SIDES LENGTH	EN ISO10545-2	±0.5% - ±1.5 MM	MAX 0.04% - MAX 0.48 MM
	WIDTH	EN ISO10545-2	±0.5% - ±1.5 MM	MAX 0.06% - MAX 0.33 MM
	D- RECTANGULARITY LENGTH	EN ISO10545-2	±0.5% - ±2 MM	MAX 0.05% - MAX 0.54 MM
	WIDTH	EN ISO10545-2	±0.5% - ±2 MM	MAX 0.07% - MAX 0.43 MM
	E- SURFACE FLATNESS (CENTRE CURVATURE) LENGTH	EN ISO10545-2	±0.5% - ±2 MM	MAX 0.04% - MAX 0.52 MM
	WIDTH	EN ISO10545-2	±0.5% - ±2 MM	MAX 0.03% - MAX 0.34 MM
	SURFACE FLATNESS (EDGE CURVATURE) LENGTH	EN ISO10545-2	±0.5% - ±2 MM	MAX 0.05% - MAX 0.54 MM
	WIDTH	EN ISO10545-2	±0.5% - ±2 MM	MAX 0.06% - MAX 0.36 MM
	WARPAGE RELATED TO DIAGONAL CALCULATED FOR 15 CM LENGTH	EN ISO10545-2	±0.5% - ±2MM	MAX 0.04% - MAX 0.52 MM
	WIDTH	EN ISO10545-2	±0.5 % - ±2MM	MAX 0.04% - MAX 0.37 MM
	F- SURFACE QUALITY	EN ISO10545-2	MINIMUM 95% OF TILE SHALL BE FREE FROM VISIBLE DEFECTS	100%
2	WATER ABSORTION %	EN ISO10545-3	EV ≤05% INDIVIDUAL MAXIMUM 0.6%	AVERAGE 0.024% - MAXIMUM 0.031%
3	BREAKING STRENGHT IN N	EN ISO10545-4	NOT LESS THAN 700 THICKNESS < 7.5 MM	AVERAGE 723.11 N - MINIMUM 709.18 N
3	MODULUS OF RUPTURE	EN ISO10545-4	AVERAGE MIN 35 N/MM ² INDIVIDUAL MIN 32 N/MM ²	AVERAGE 48.22 N/MM ² MINIMUM 47.15 N/MM ²
4	RESISTANCE TO SURFACE ABRASION (PEI)	EN ISO10545-7	ABRASION CLASS AND CYCLES PASSED	CLASS - IV 6000 REVOLUTION PASS
5	COEFFICIENT OF LINER THERMAL EXPANSION (FROM AMBIENT TEMPERATURE TO 100°C)	EN ISO10545-8	DECLARE VALUE 9X10 6 MAX	2.83X10 ⁻⁶
6	THERMAL SHOCK RESISTANCE	EN ISO10545-9	PASS ACCORDING TO EN ISO10545-1G 10 CYCLE MUST PASS	NO DAMAGE OBSERVED
7	CRAZING RESISTANCE	EN ISO10545-11	PASS ACCORDING TO EN ISO10545-1G TWO CYCLE MUST PASS	NO CRAZING OBSERVED
8	SLIPPERNESS	DIN 51130.2014	DECLARE VALUE	N/A
9	FROST RESISTANCE	EN ISO10545-12	PASS ACCORDING TO EN ISO10545-1G REQUIRED	N/A
10	MOISTURE EXPANSION MM/M	EN ISO10545-10	DECLARE VALUE 0.01 MM7M	0.004 MM/M
11	SMALL COLOUR DIFFERENCES	EN ISO10545-16	PLAIN COLOURED TILES ONLY WHERE REQUIRED GL: Δ <0.75	N/A
12	IMPACT RESISTANCE (COEFFICIENT OF RESTITUTION COR)	EN ISO 10545-5	DECLARED VALUE	0.78
13	REACTION TO FIRE	WT	CLASS A1 OR A1 FL	CLASS A1
14	BULK DENSITY IN (G/CC)	EN ISO10545-3	2.2 MIN	2.2312 G/CC
15	SCRATCH HARDNESS OF SURFACE	IS 13630-13	5 MOH'S SCALE, MIN	7 MOH'S SCALE
16	CHEMICAL PROPERTIES - RESISTANCE TO STAINING			
	GREEN STAIN IN LIGHT OIL RED STAIN IN LIGHT OIL LODIN, 13G/L IN ALCOHOL OLIVE OIL	EN ISO10545-14	MIN CLASS - 3	CLASS 5
17	RESISTANCE TO LOW CONCENTRATION OF ACID & ALKALI			
	HYDROCHLORIC ACID SOLUTION 3% V/V CITRIC ACID SOLN. 100 GM/L POTASSIUM HYDROXIDE SOLN 30 GM/L	EN ISO10545-13	DECLARED VALUE	GLA GLA GLA
18	RESISTANCE TO HIGH CONCENTRATION OF ACID & ALKALI			
	HYDROCHLORIC ACID SOLUTION 18% V/V LACTIC ACID 5% V/V POTASSIUM HYDROXIDE SOLN 100 GM/L	EN ISO10545-13	DECLARED VALUE	GHA GHA GHB
19	HOUSEHOLD CHEMICAL RESISTANCE AMMONIUM CHLORIDE SOLUTION 100 GM/L	EN ISO10545-13	MINIMUM CLASS B	GA
20	SWIMMING POOL SALT: SODIUM HYPOCHLORITE SOLUTION 20 MG/L	EN ISO10545-13	MINIMUM CLASS B	GA
21	LEAD AND CADMIUM RELEASE			
	LEAD RELEASE IN MG/DM ³	EN ISO10545-15	DECLARED VALUE	0.008 MG/DM ³
	CADMIDIUM RELEASE IN MG/DM ³	EN ISO10545-15	DECLARED VALUE	0.004 MG/DM ³
22	COEFFICIENT OF FRICTION (ANTI SLIP TEST) "RAMP TEST"	DIN 51130:2014	-	CLASS 9



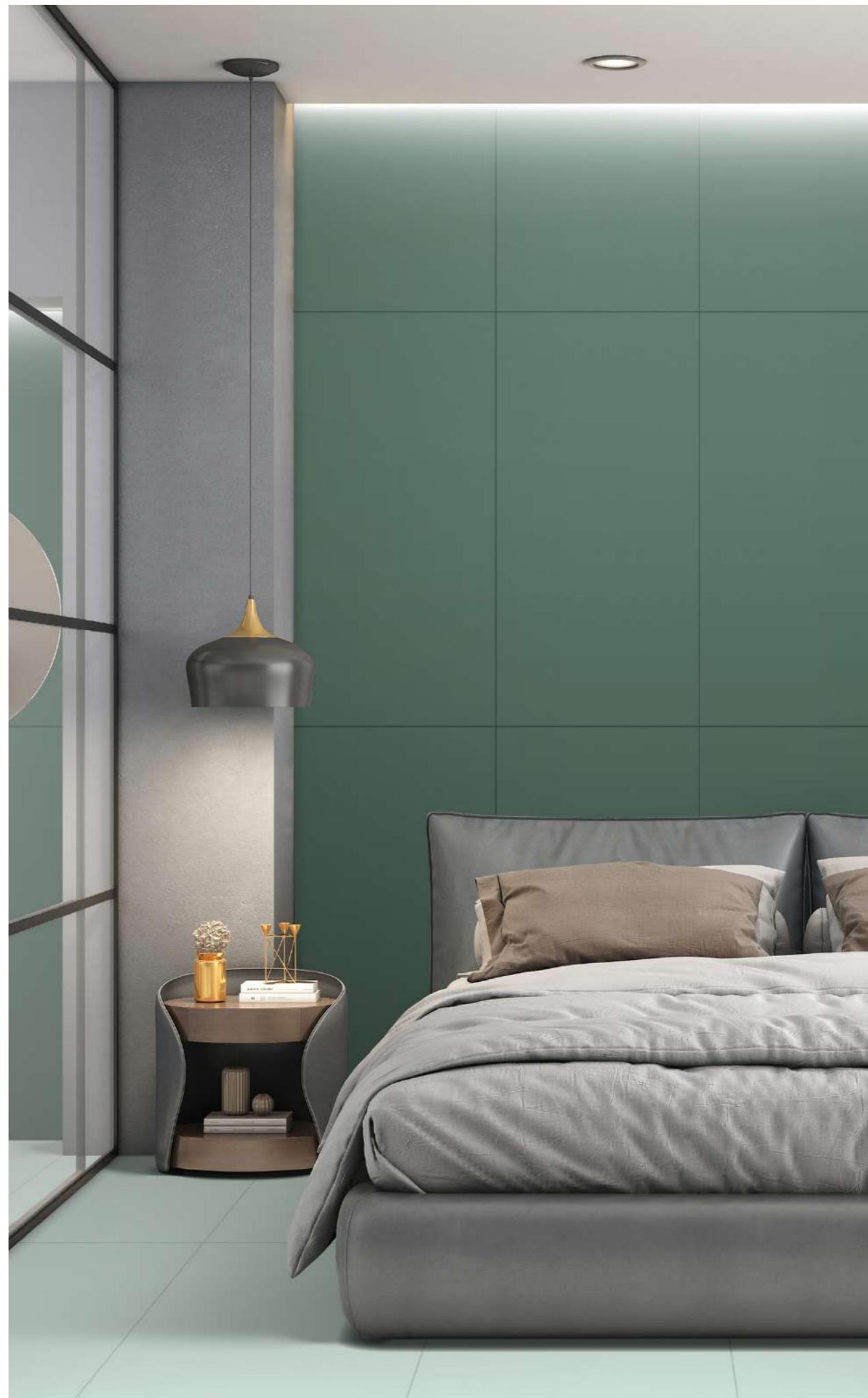
TECHNICAL SPECIFICATIONS SLATE SERIES

	KIND OF TEST	TEST METHOD	REQUIREMENTS	RESULT TECHNOFLEX (SLATE SERIES)
1	DIMENSIONS AND SURFACE QUALITY			
	A- LENGTH	EN ISO10545-2	±0.6% - ±0.2 MM	AVEG. 0.03% - AVEG. 0.31 MM
	WIDTH	EN ISO10545-2	±0.6% - ±0.2 MM	AVEG. 0.04% - AVEG. 0.24 MM
	B- THICKNESS	EN ISO10545-2	±5% - ±0.5 MM	AVEG. 4.49% - AVEG. 0.22 MM
	C- STRAIGHTNESS OF SIDES LENGTH	EN ISO10545-2	±0.5% - ±1.5 MM	MAX 0.04% - MAX 0.43 MM
	WIDTH	EN ISO10545-2	±0.5% - ±1.5 MM	MAX 0.05% - MAX 0.31 MM
	D- RECTANGULARITY LENGTH	EN ISO10545-2	±0.5% - ±2 MM	MAX 0.04% - MAX 0.51 MM
	WIDTH	EN ISO10545-2	±0.5% - ±2 MM	MAX 0.06% - MAX 0.38 MM
	E- SURFACE FLATNESS (CENTRE CURVATURE) LENGTH	EN ISO10545-2	±0.5% - ±2 MM	MAX 0.03% - MAX 0.44 MM
	WIDTH	EN ISO10545-2	±0.5% - ±2 MM	MAX 0.03% - MAX 0.34 MM
	SURFACE FLATNESS (EDGE CURVATURE) LENGTH	EN ISO10545-2	±0.5% - ±2 MM	MAX 0.04% - MAX 0.51 MM
	WIDTH	EN ISO10545-2	±0.5% - ±2 MM	MAX 0.06% - MAX 0.33 MM
	WARPAGE RELATED TO DIAGONAL CALCULATED FOR 15 CM LENGTH	EN ISO10545-2	±0.5% - ±2MM	MAX 0.03% - MAX 0.48 MM
	WIDTH	EN ISO10545-2	±0.5 % - ±2MM	MAX 0.04% - MAX 0.31 MM
	F- SURFACE QUALITY	EN ISO10545-2	MINIMUM 95% OF TILE SHALL BE FREE FROM VISIBLE DEFECTS	100%
2	WATER ABSORTION %	EN ISO10545-3	EV ≤05% INDIVIDUAL MAXIMUM 0.6%	AVERAGE 0.030% - MAXIMUM 0.042%
3	BREAKING STRENGHT IN N	EN ISO10545-4	NOT LESS THAN 700 THICKNESS < 7.5 MM	AVERAGE 723.34 N - MINIMUM 718.42 N
3	MODULUS OF RUPTURE	EN ISO10545-4	AVERAGE MIN 35 N/MM ² INDIVIDUAL MIN 32 N/MM ²	AVERAGE 48.81 N/MM ² MINIMUM 47.76 N/MM ²
4	RESISTANCE TO SURFACE ABRASION (PEI)	EN ISO10545-7	ABRASION CLASS AND CYCLES PASSED	CLASS - IV 6000 REVOLUTION PASS
5	COEFFICIENT OF LINER THERMAL EXPANSION (FROM AMBIENT TEMPERATURE TO 100°C)	EN ISO10545-8	DECLARE VALUE 9X10 6 MAX	2.84X10 ⁻⁶
6	THERMAL SHOCK RESISTANCE	EN ISO10545-9	PASS ACCORDING TO EN ISO10545-1G 10 CYCLE MUST PASS	NO DAMAGE OBSERVED
7	CRAZING RESISTANCE	EN ISO10545-11	PASS ACCORDING TO EN ISO10545-1G TWO CYCLE MUST PASS	NO CRAZING OBSERVED
8	SLIPPERNESS	DIN 51130.2014	DECLARE VALUE	N/A
9	FROST RESISTANCE	EN ISO10545-12	PASS ACCORDING TO EN ISO10545-1G REQUIRED	N/A
10	MOISTURE EXPANSION MM/M	EN ISO10545-10	DECLARE VALUE 0.01 MM7M	0.004 MM/M
11	SMALL COLOUR DIFFERENCES	EN ISO10545-16	PLAIN COLOURED TILES ONLY WHERE REQUIRED GL: Δ < 0.75	N/A
12	IMPACT RESISTANCE (COEFFICIENT OF RESTITUTION COR)	EN ISO 10545-5	DECLARED VALUE	0.80
13	REACTION TO FIRE	WT	CLASS A1 OR A1 FL	CLASS A1
14	BULK DENSITY IN (G/CC)	EN ISO10545-3	2.2 MIN	2.2340 G/CC
15	SCRATCH HARDNESS OF SURFACE	IS 13630-13	5 MOH'S SCALE, MIN	7 MOH'S SCALE
16	CHEMICAL PROPERTIES - RESISTANCE TO STAINING			
	GREEN STAIN IN LIGHT OIL RED STAIN IN LIGHT OIL LODIN, 13G/L IN ALCOHOL OLIVE OIL	EN ISO10545-14	MIN CLASS - 3	CLASS 5
17	RESISTANCE TO LOW CONCENTRATION OF ACID & ALKALI			
	HYDROCHLORIC ACID SOLUTION 3% V/V CITRIC ACID SOLN. 100 GM/L POTASSIUM HYDROXIDE SOLN 30 GM/L	EN ISO10545-13	DECLARED VALUE	GLA GLA GLA
18	RESISTANCE TO HIGH CONCENTRATION OF ACID & ALKALI			
	HYDROCHLORIC ACID SOLUTION 18% V/V LACTIC ACID 5% V/V POTASSIUM HYDROXIDE SOLN 100 GM/L	EN ISO10545-13	DECLARED VALUE	GHA GHA GHB
19	HOUSEHOLD CHEMICAL RESISTANCE AMMONIUM CHLORIDE SOLUTION 100 GM/L	EN ISO10545-13	MINIMUM CLASS B	GA
20	SWIMMING POOL SALT: SODIUM HYPOCHLORITE SOLUTION 20 MG/L	EN ISO10545-13	MINIMUM CLASS B	GA
21	LEAD AND CADMIUM RELEASE			
	LEAD RELEASE IN MG/DM ³	EN ISO10545-15	DECLARED VALUE	0.008 MG/DM ²
	CADMIDIUM RELEASE IN MG/DM ³	EN ISO10545-15	DECLARED VALUE	0.004 MG/DM ³
22	COEFFICIENT OF FRICTION (ANTI SLIP TEST) "RAMP TEST"	DIN 51130:2014	-	CLASS 9



TECHNICAL SPECIFICATIONS FULL BODY SERIES

	KIND OF TEST	TEST METHOD	REQUIREMENTS	RESULT TECHNOFLEX (FULL BODY SERIES)
1	DIMENSIONS AND SURFACE QUALITY			
	A- LENGTH	EN ISO10545-2	±0.6% - ±0.2 MM	AVEG. 0.02% - AVEG. 0.28 MM
	WIDTH	EN ISO10545-2	±0.6% - ±0.2 MM	AVEG. 0.04% - AVEG. 0.23 MM
	B- THICKNESS	EN ISO10545-2	±5% - ±0.5 MM	AVEG. 2.94% - AVEG. 0.15 MM
	C- STRAIGHTNESS OF SIDES LENGTH	EN ISO10545-2	±0.5% - ±1.5 MM	MAX 0.03% - MAX 0.41 MM
	WIDTH	EN ISO10545-2	±0.5% - ±1.5 MM	MAX 0.05% - MAX 0.29 MM
	D- RECTANGULARITY LENGTH	EN ISO10545-2	±0.5% - ±2 MM	MAX 0.04% - MAX 0.49 MM
	WIDTH	EN ISO10545-2	±0.5% - ±2 MM	MAX 0.06% - MAX 0.36 MM
	E- SURFACE FLATNESS (CENTRE CURVATURE) LENGTH	EN ISO10545-2	±0.5% - ±2 MM	MAX 0.03% - MAX 0.42 MM
	WIDTH	EN ISO10545-2	±0.5% - ±2 MM	MAX 0.02% - MAX 0.32 MM
	SURFACE FLATNESS (EDGE CURVATURE) LENGTH	EN ISO10545-2	±0.5% - ±2 MM	MAX 0.04% - MAX 0.48 MM
	WIDTH	EN ISO10545-2	±0.5% - ±2 MM	MAX 0.05% - MAX 0.29 MM
	WARPAGE RELATED TO DIAGONAL CALCULATED FOR 15 CM LENGTH	EN ISO10545-2	±0.5% - ±2MM	MAX 0.03% - MAX 0.44 MM
	WIDTH	EN ISO10545-2	±0.5 % - ±2MM	MAX 0.03% - MAX 0.27 MM
	F- SURFACE QUALITY	EN ISO10545-2	MINIMUM 95% OF TILE SHALL BE FREE FROM VISIBLE DEFECTS	100%
2	WATER ABSORTION %	EN ISO10545-3	EV ≤05% INDIVIDUAL MAXIMUM 0.6%	AVERAGE 0.026% - MAXIMUM 0.037%
3	BREAKING STRENGHT IN N	EN ISO10545-4	NOT LESS THAN 700 THICKNESS < 7.5 MM	AVERAGE 718.46 N - MINIMUM 703.87 N
3	MODULUS OF RUPTURE	EN ISO10545-4	AVERAGE MIN 35 N/MM ² INDIVIDUAL MIN 32 N/MM ²	AVERAGE 47.64 N/MM ² MINIMUM 46.21 N/MM ²
4	RESISTANCE TO SURFACE ABRASION (PEI)	EN ISO10545-7	ABRASION CLASS AND CYCLES PASSED	CLASS - IV 6000 REVOLUTION PASS
5	COEFFICIENT OF LINER THERMAL EXPANSION (FROM AMBIENT TEMPERATURE TO 100°C)	EN ISO10545-8	DECLARE VALUE 9X10 6 MAX	2.87X10 ⁻⁶
6	THERMAL SHOCK RESISTANCE	EN ISO10545-9	PASS ACCORDING TO EN ISO10545-1G 10 CYCLE MUST PASS	NO DAMAGE OBSERVED
7	CRAZING RESISTANCE	EN ISO10545-11	PASS ACCORDING TO EN ISO10545-1G TWO CYCLE MUST PASS	NO CRAZING OBSERVED
8	SLIPPERNESS	DIN 51130.2014	DECLARE VALUE	N/A
9	FROST RESISTANCE	EN ISO10545-12	PASS ACCORDING TO EN ISO10545-1G REQUIRED	N/A
10	MOISTURE EXPANSION MM/M	EN ISO10545-10	DECLARE VALUE 0.01 MM7M	0.004 MM/M
11	SMALL COLOUR DIFFERENCES	EN ISO10545-16	PLAIN COLOURED TILES ONLY WHERE REQUIRED GL: Δ <0.75	N/A
12	IMPACT RESISTANCE (COEFFICIENT OF RESTITUTION COR)	EN ISO 10545-5	DECLARED VALUE	0.79
13	REACTION TO FIRE	WT	CLASS A1 OR A1 FL	CLASS A1
14	BULK DENSITY IN (G/CC)	EN ISO10545-3	2.2 MIN	2.2650 G/CC
15	SCRATCH HARDNESS OF SURFACE	IS 13630-13	5 MOH'S SCALE, MIN	7 MOH'S SCALE
16	CHEMICAL PROPERTIES - RESISTANCE TO STAINING			
	GREEN STAIN IN LIGHT OIL RED STAIN IN LIGHT OIL LODIN, 13G/L IN ALCOHOL OLIVE OIL	EN ISO10545-14	MIN CLASS - 3	CLASS 5
17	RESISTANCE TO LOW CONCENTRATION OF ACID & ALKALI			
	HYDROCHLORIC ACID SOLUTION 3% V/V CITRIC ACID SOLN. 100 GM/L POTASSIUM HYDROXIDE SOLN 30 GM/L	EN ISO10545-13	DECLARED VALUE	GLA GLA GLA
18	RESISTANCE TO HIGH CONCENTRATION OF ACID & ALKALI			
	HYDROCHLORIC ACID SOLUTION 18% V/V LACTIC ACID 5% V/V POTASSIUM HYDROXIDE SOLN 100 GM/L	EN ISO10545-13	DECLARED VALUE	GHA GHA GHB
19	HOUSEHOLD CHEMICAL RESISTANCE AMMONIUM CHLORIDE SOLUTION 100 GM/L	EN ISO10545-13	MINIMUM CLASS B	GA
20	SWIMMING POOL SALT: SODIUM HYPOCHLORITE SOLUTION 20 MG/L	EN ISO10545-13	MINIMUM CLASS B	GA
21	LEAD AND CADMIUM RELEASE			
	LEAD RELEASE IN MG/DM ³	EN ISO10545-15	DECLARED VALUE	0.008 MG/DM ²
	CADMIDIUM RELEASE IN MG/DM ³	EN ISO10545-15	DECLARED VALUE	0.004 MG/DM ³
22	COEFFICIENT OF FRICTION (ANTI SLIP TEST) "RAMP TEST"	DIN 51130:2014	-	CLASS 9



PACKING LIST

FORMAT	THICKNESS	PCS./ BOX	WEIGHT/ BOX	COVER/ BOX	BOXES/ PALLET	BOXES/ CONT.	PALLET/ CONT.	SQ. MTR/ CONT.	WEIGHT/ CONT.
60 X 120 CM	5 MM	4	32.5 KG	2.88 M ²	25	800	32	2304	27



Via Quattro Passi 2/A, 41043, Formigine, MO, Italy
Tel. +39 338 310 0578
www.platinum-pcs.com
Info@platinum-pcs.com