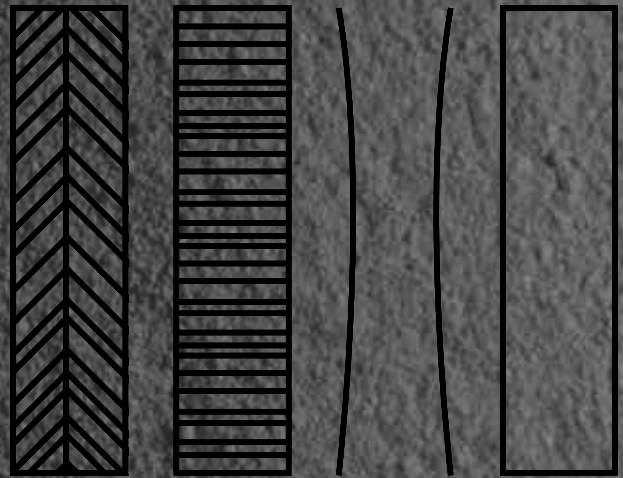


# dust

contemporaryceramicdesign



# dust

## contemporary ceramic design

shaping the matter 02  
terrae 08  
niagara 20  
blush 30  
dove 42  
ink 50  
ice 60  
sage 68  
pine 78  
technical data 84  
compositional suggestions 90

inspiration

Esplorazioni **materiche**  
tra **forma, colore** e  
suggerzioni **tattili**.

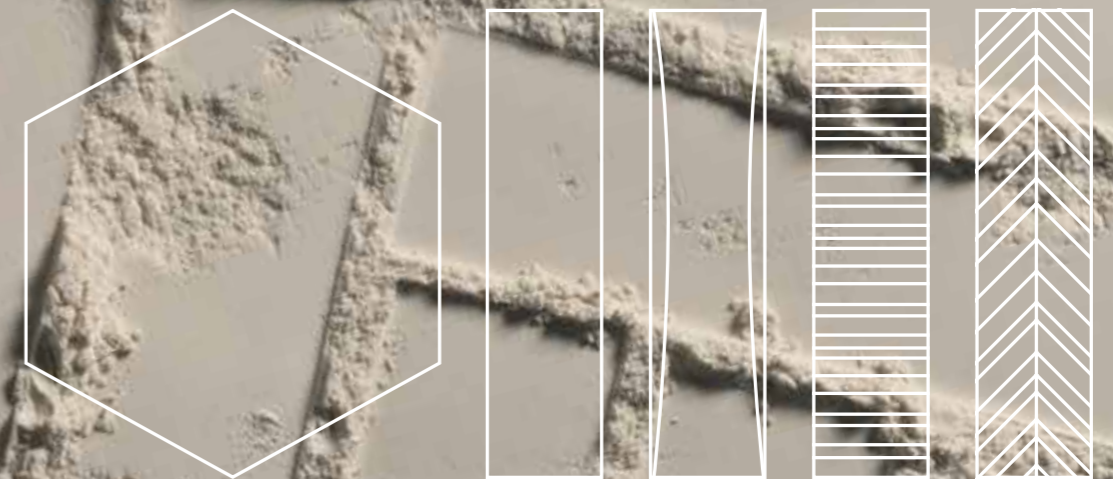
**Dust** rinnova  
l'**essenza** della ceramica e  
ne fa una **superficie**  
di **design**.

EN Exploration of **materials** through  
**form, colour** and **tactile** suggestions.  
**Dust** renews the essence of ceramics  
with **designer surfaces**.

DE **Materialerkundungen** zwischen  
**Form, Farbe** und **haptischen** Reizen.  
**Dust** verwandelt die Essenz der  
Keramik in eine **Designoberfläche**.

FR Explorations des **matières** entre  
**forme, couleur** et suggestions **tactiles**.  
**Dust** réinvente la **quintessence** de la  
céramique pour en faire une **surface**  
de **design**.

ES Exploraciones **matéricas** entre  
**forma, color** y sugerencias **táctiles**.  
**Dust** renueva la **esencia** de la  
cerámica y hace de ella una **superficie**  
de **diseño**.



# chromatism

**Otto**  
nuances pastello  
dal gusto  
**contemporaneo.**  
Una **palette**  
**armoniosa** che  
evoca  
**naturalità.**

EN **Eight** pastel hues in **contemporary**  
**taste.** A **harmonious colour palette**  
evoking **nature.**

FR **Huit** coloris pastel de style **contemporain.**  
Une **palette harmonieuse** qui puise son  
inspiration dans **la nature.**

DE **Acht** pastellfarbene Töne mit  
**modernem** Touch. Eine **harmonische**  
**Farbpalette,** die sich an der **Natur**  
inspiriert.

ES **Ocho** tonos pastel de estilo  
**contemporáneo.** Una **paleta**  
**armoniosa** que transmite **naturalidad.**

Emozione **tattile**  
della **materia**,  
**tridimensionalità** del **colore**.

EN The **tactile** experience of **materials**, the **three-dimensionality** of **colour**.  
FR Émotion **tactile** de la **matière**, **tridimensionnalité** de la **couleur**.  
DE Das **haptische** Gefühl der **Materie**, die **Dreidimensionalität** der **Farbe**.  
ES Emociones **táctiles** de la **materia**, **tridimensionalidad** del **color**.

**matter**  
**and design**



# terrae



SCHEMA

01

P. 92



Wall 5x20 . 2"x8"  
Terra Soft  
Terra Gloss

terrae

# piacevole richiamo mediterraneo.

EN pleasing Mediterranean  
references.

FR un agréable clin d'œil au style  
méditerranéen.

DE Angenehme mediterrane  
Anmutung.

ES agradable evocación  
mediterránea.



SCHEMA

34

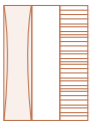
P. 101



Wall 5x20 . 2"x8"  
Terra Soft  
Terra Duna Soft  
Terra Chevron Soft



SCHEMA  
**29**  
 P. 100



Wall 5x20 . 2"x8"  
 Terrae Soft  
 Terrae Duna Soft  
 Terrae Line Soft

Floor 23x119 . 9"x48" Ret  
 Yosemite Collection White







Wall 5x20 . 2"x8"  
Terra Soft  
Terra Chevron Soft

Floor 17,5x20 . 7"x8"  
Ink Exa



Wall 5x20 . 2"x8"  
Terra Soft  
Terra Duna Soft  
Terra Chevron Soft  
Terra Line Soft

← SCHEMA 15 P. 96

↑ SCHEMA 38 P. 103



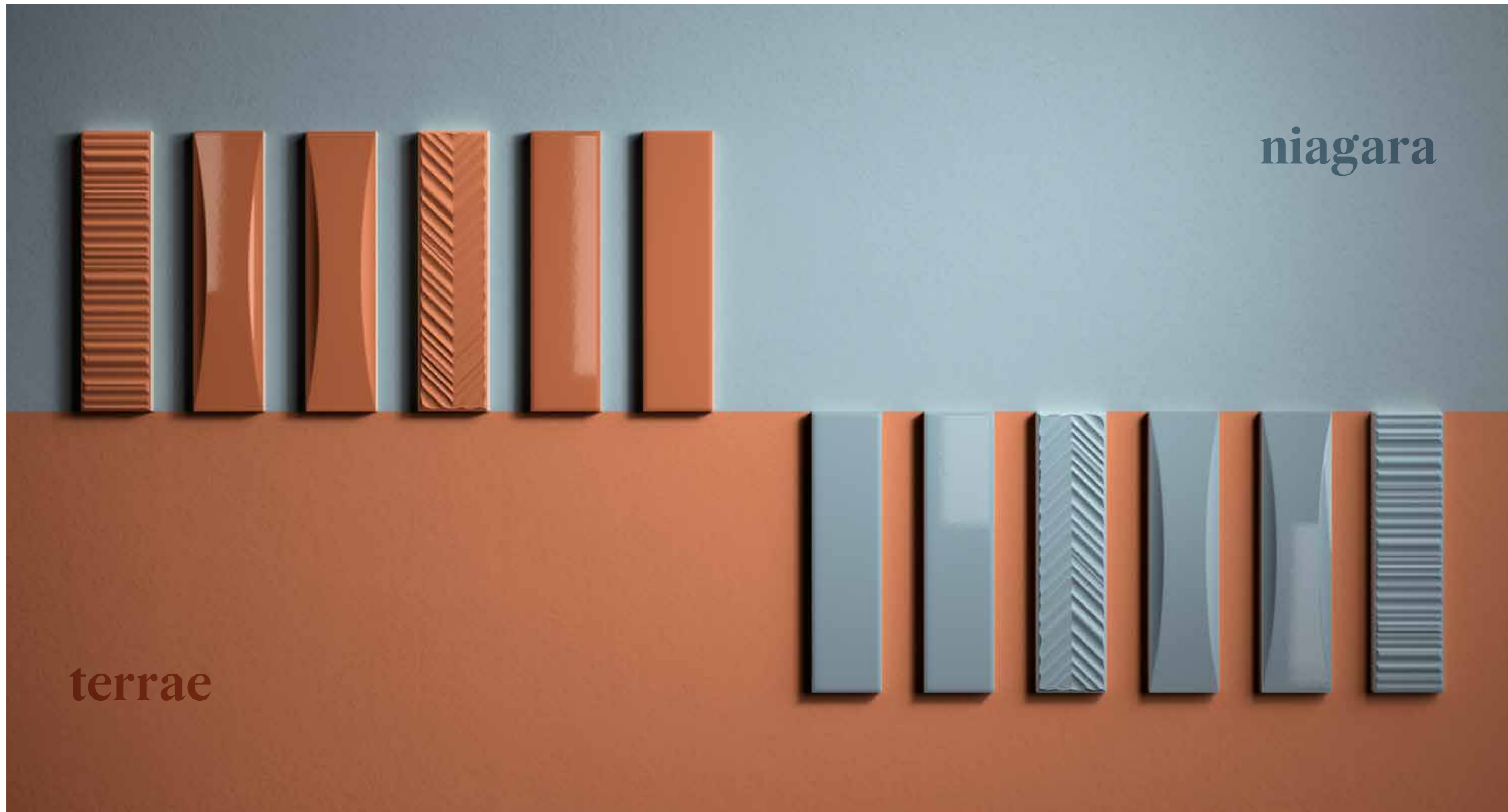
# line

ordinato,  
elegante e  
dinamico.

- EN **line** order, elegance, dynamism.
- FR **line** ordonné, élégant et dynamique.
- DE **line** gepflegt, elegant und dynamisch.
- ES **line** ordenado, elegante y dinámico.



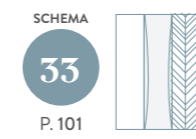
LINE SOFT



niagara

terrae

# niagara



Wall 5x20 . 2"x8"  
Niagara Soft  
Niagara Duna Soft  
Niagara Chevron Soft

Wall 5x20 . 2"x8"  
Niagara Soft  
Niagara Chevron Soft

Floor 60x120 . 24"x48"  
Harmony Collection White



niagara

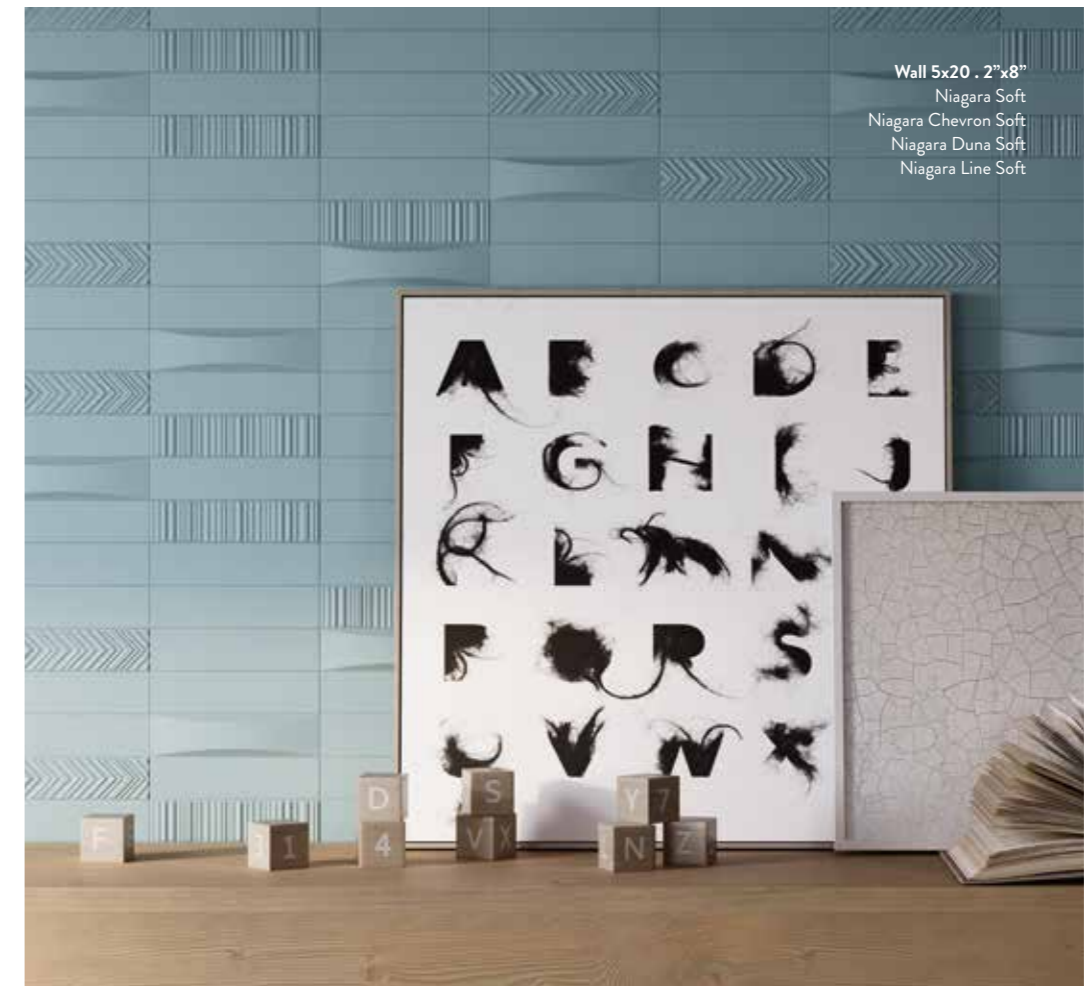
## il punto di incontro tra cielo e mare.

EN where the sea meets the sky.

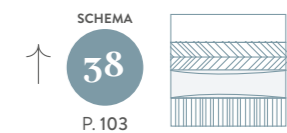
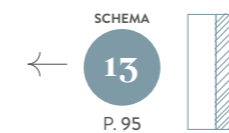
FR le point de rencontre entre ciel et mer.

DE Wo Himmel und Erde  
sich treffen.

ES el punto de encuentro entre el  
cielo y el mar.



Wall 5x20 . 2"x8"  
Niagara Soft  
Niagara Chevron Soft  
Niagara Duna Soft  
Niagara Line Soft





Wall 5x20 . 2"x8"  
Niagara Soft  
Niagara Line Soft

Floor 17,5x20 . 7"x8"  
Niagara EXA

↑ SCHEMA  
09  
P. 94

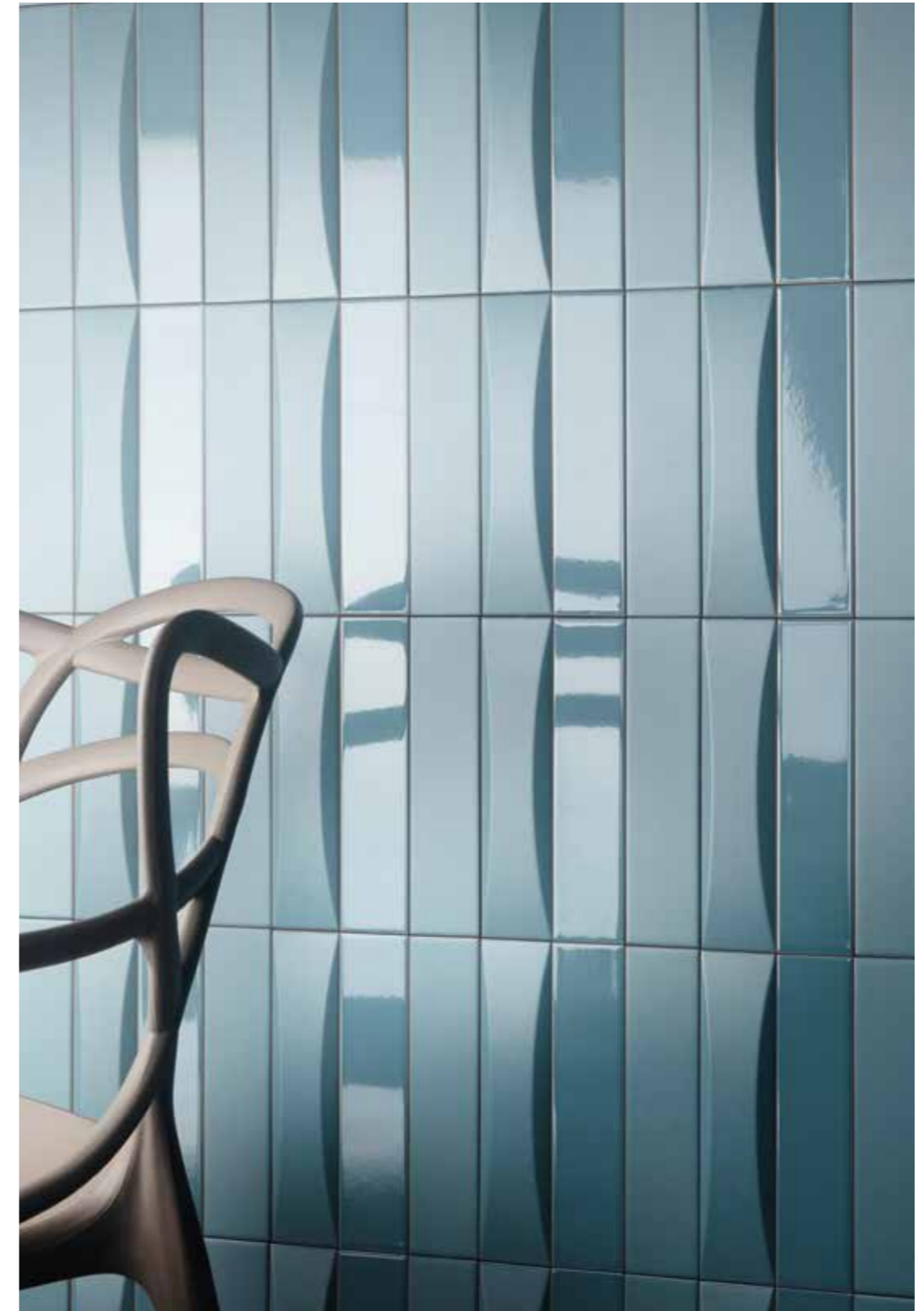
→ SCHEMA  
03  
P. 92



Wall 5x20 . 2"x8"  
Niagara Soft  
Niagara Gloss

Floor 24x120 . 9"x48"  
Quercia Collection Honey

Wall 5x20 . 2"x8"  
Niagara Soft

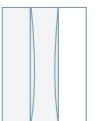


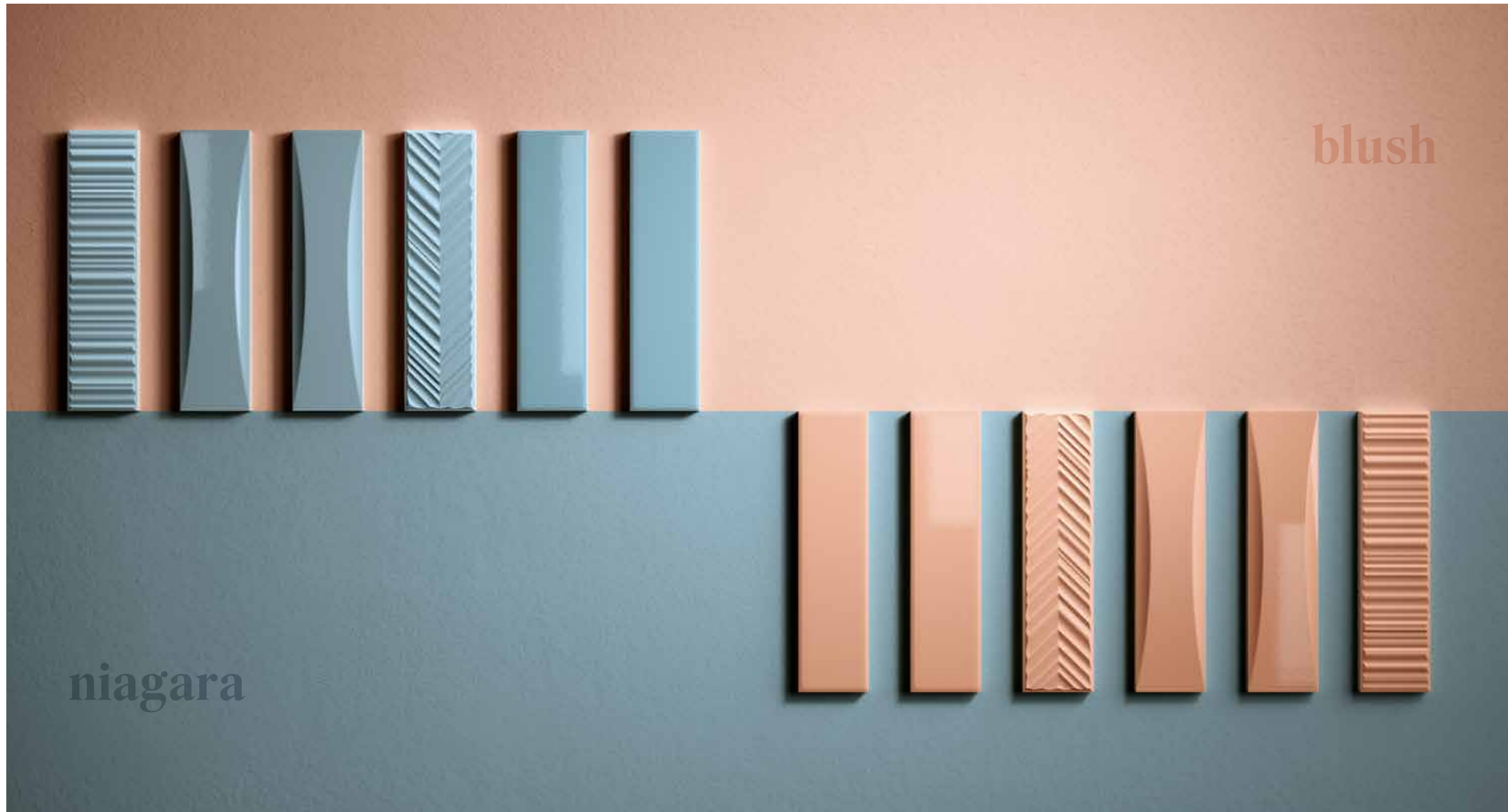
Wall 5x20 . 2"x8"  
Niagara Duna Soft  
Niagara Gloss  
Niagara Soft

SCHEMA

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P. 97





blush

niagara



# blush



SCHEMA  
29  
P. 100



Wall 5x20 . 2"x8"  
Blush Soft  
Blush Line Soft  
Blush Duna Soft

blush

fresco,  
romantico,  
raffinato.

EN cool, romantic, refined.

FR frais, romantique, raffiné.

DE frisch, romantisch, edel.

ES fresco, romántico, refinado.



Wall 5x20 . 2"x8"  
Blush Soft  
Blush Chevron Soft

SCHEMA

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P. 96



Wall 5x20 . 2"x8"  
Blush Soft  
Blush Duna Soft

Floor 60x60 . 24"x24"  
Montreal Collection White



Wall 5x20 . 2"x8"  
Blush Soft  
Blush Line Soft



← SCHEMA  
20  
P. 97

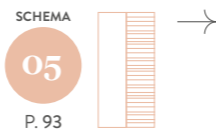
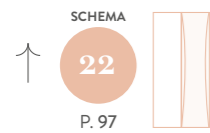


↑ SCHEMA  
11  
P. 95

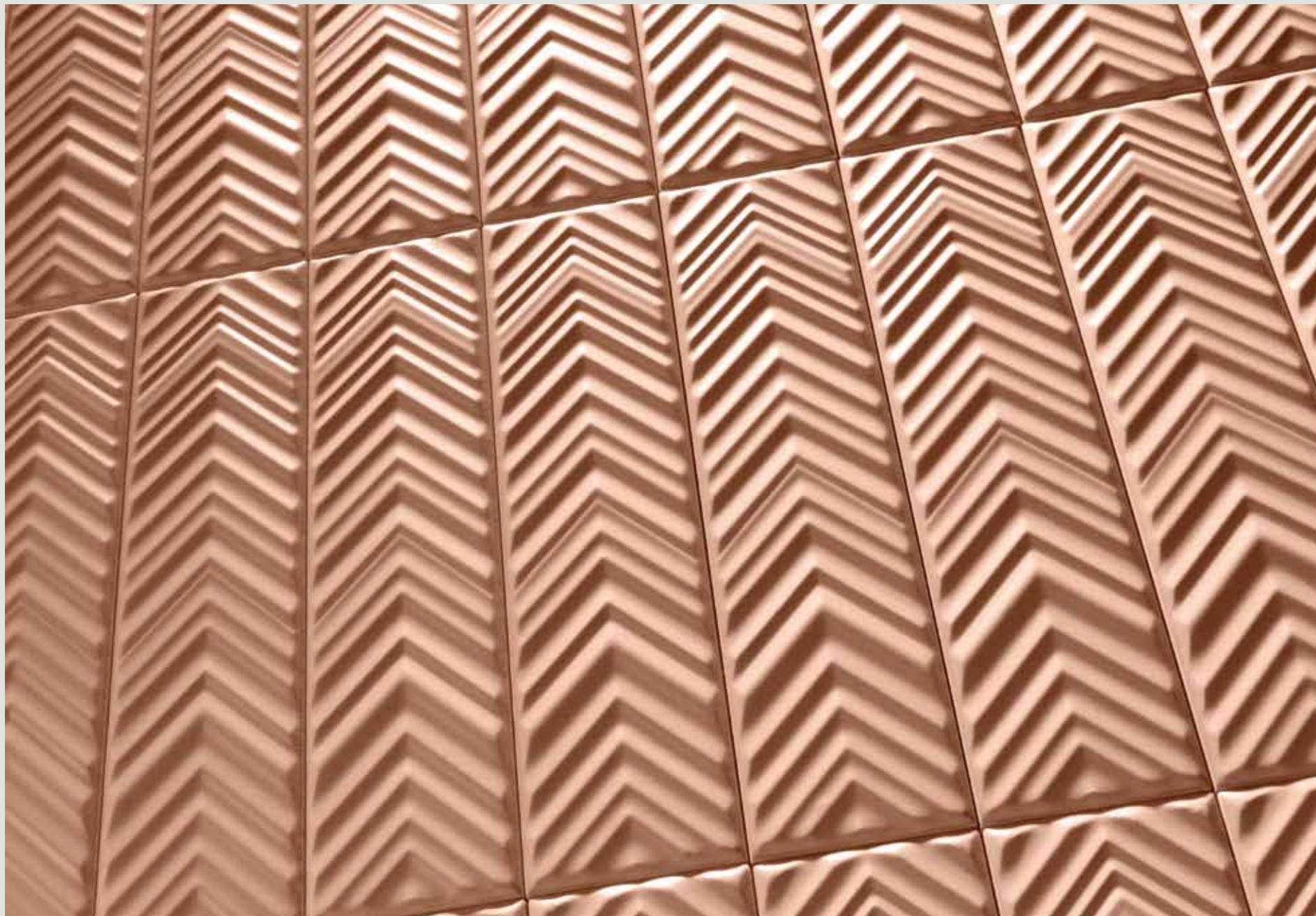




Wall 5x20 . 2"x8"  
Blush Soft  
Blush Duna Soft



Wall 5x20 . 2"x8"  
Blush Soft  
Blush Line Soft



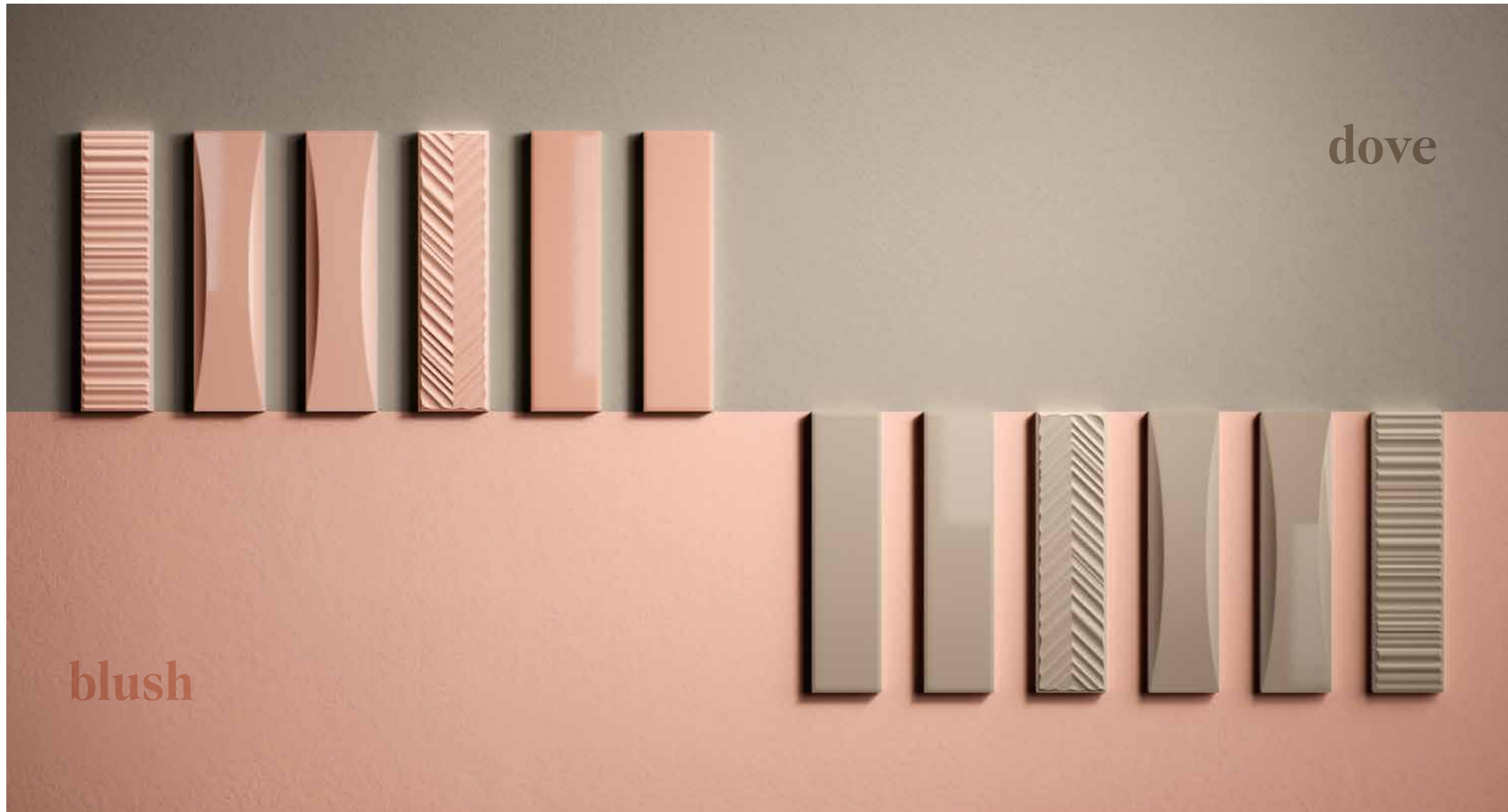
# chevron

un divertente  
gioco di luci  
e di ombre.

- EN **chevron** amusing effects of light and shadow.
- FR **chevron** un amusant jeu d'ombre et de lumière.
- DE **chevron** ein unterhaltsames Spiel von Licht und Schatten.
- ES **chevron** un divertido juego de luces y sombras.



CHEVRON SOFT



dove

blush

# dove



SCHEMA  
26  
P. 99



Wall 5x20 . 2"x8"  
Dove Duna Gloss  
Dove Duna Soft  
Dove Soft

dove

# perfetto connubio tra leggerezza e naturalità.

EN the perfect combination of  
lightness and naturalness.

FR parfaite fusion entre nature et  
légèreté.

DE perfekte Kombination aus  
Leichtigkeit und Natürlichkeit.

ES perfecta unión entre ligereza y  
naturalidad.

SCHEMA

10

P. 94



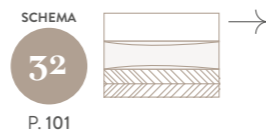
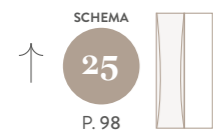
Wall 5x20 . 2"x8"  
Dove Soft  
Dove Line Soft





Wall 5x20 . 2"x8"  
Dove Soft  
Dove Duna Soft

Floor 24x120 . 9"x48"  
Sequoia Maxi Collection White



Wall 5x20 . 2"x8"  
Dove Soft  
Dove Duna Soft  
Dove Chevron Soft

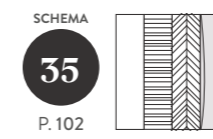
Floor 120x278 . 48"x109"  
Ardeasia Collection Beige



ink

dove

ink



Wall 5x20 . 2"x8"  
Ink Soft  
Ink Line Soft  
Ink Chevron Soft  
Ink Duna Soft



ink

## risoluto e seducente, profondamente materico.

EN resolute, seductive, profoundly  
material.

FR audacieux, séduisant et à très  
forte matérialité.


DE entschlossen und verführerisch,  
mit einer starken materiellen  
Komponente.

ES resuelto y seductor,  
profundamente matérico.

Wall 5x20 . 2"x8"  
Ink Soft  
Ink Line Soft

Floor 24x150 . 9"x59"  
Norway Collection Grey

SCHEMA  
08  
P. 94



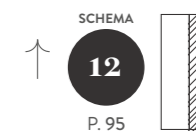
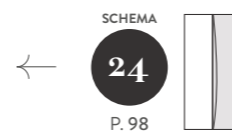


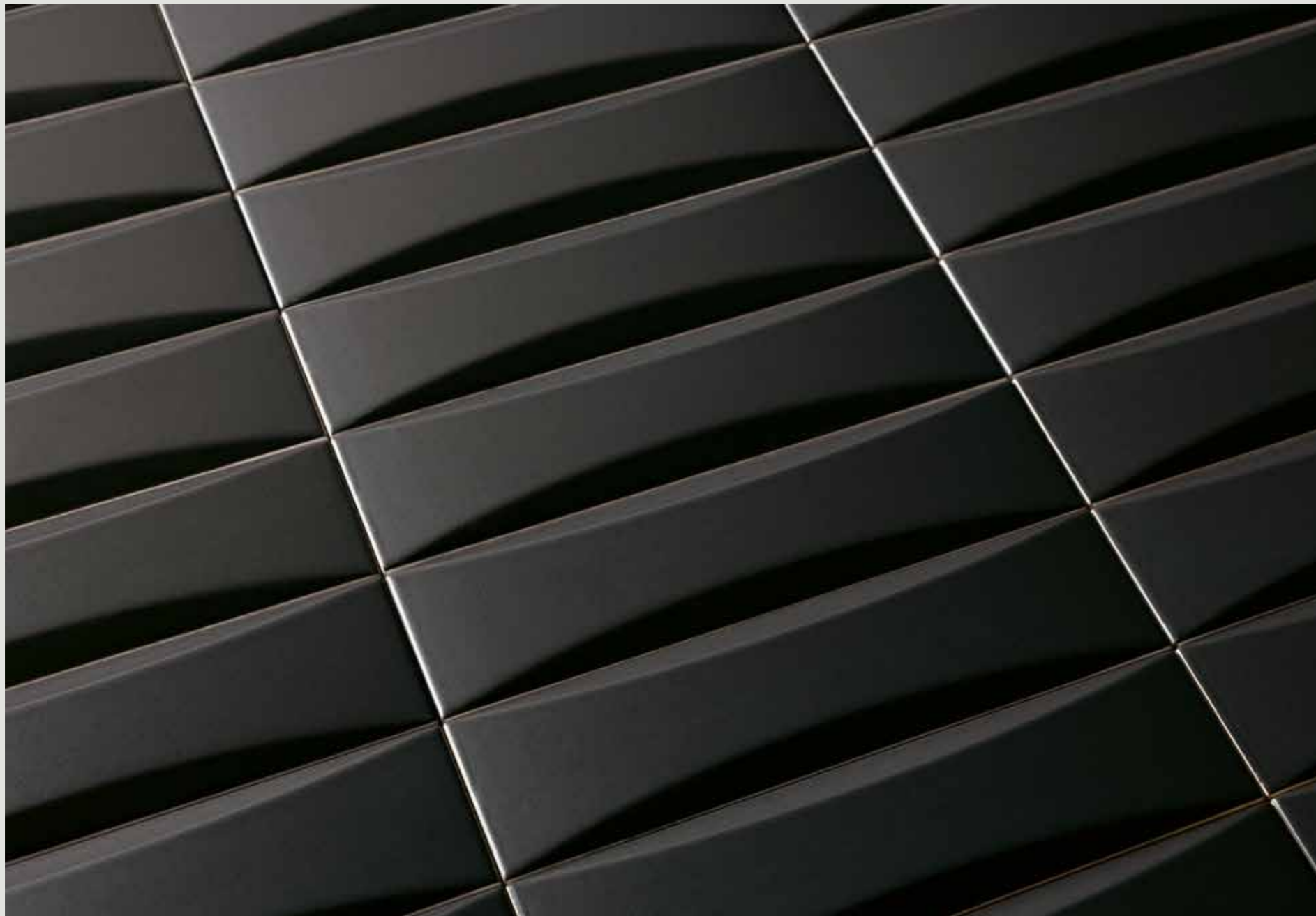
Wall 5x20 . 2"x8"  
Ink Soft  
Ink Duna Soft

Floor 60x120 . 24"x48"  
Montreal Collection Taupe



Wall 5x20 . 2"x8"  
Ink Soft  
Ink Chevron Soft





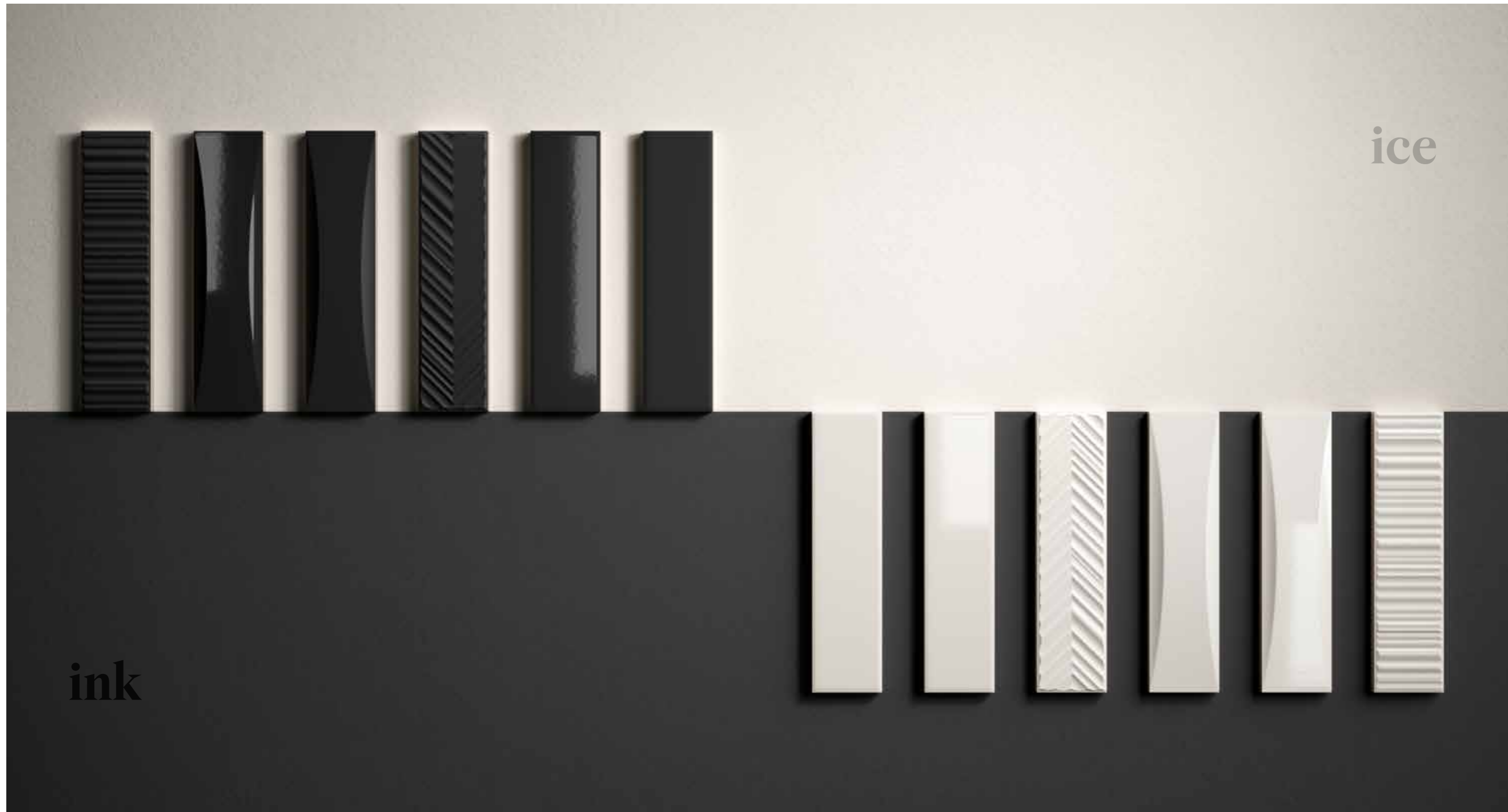
# duna soft

sofisticato  
e di tendenza.

- EN **duna soft** sophisticated and trendy.
- FR **duna soft** sophistiqué et tendance.
- DE **duna soft** anspruchsvoll und trendy.
- ES **duna soft** sofisticado y de tendencia.



DUNA SOFT



ice

ink

ice



Wall 5x20 . 2"x8"  
Ice Soft  
Ice Chevron Soft



ice

# uno spazio materico, limpido e luminoso.

EN a clear, bright, textured  
space.

FR un espace à forte matérialité,  
épuré et lumineux.

DE ein materieller Raum, klar  
und hell.

ES un espacio matérico, límpido  
y luminoso.



SCHEMA

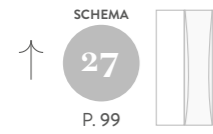
36

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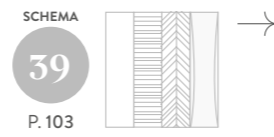


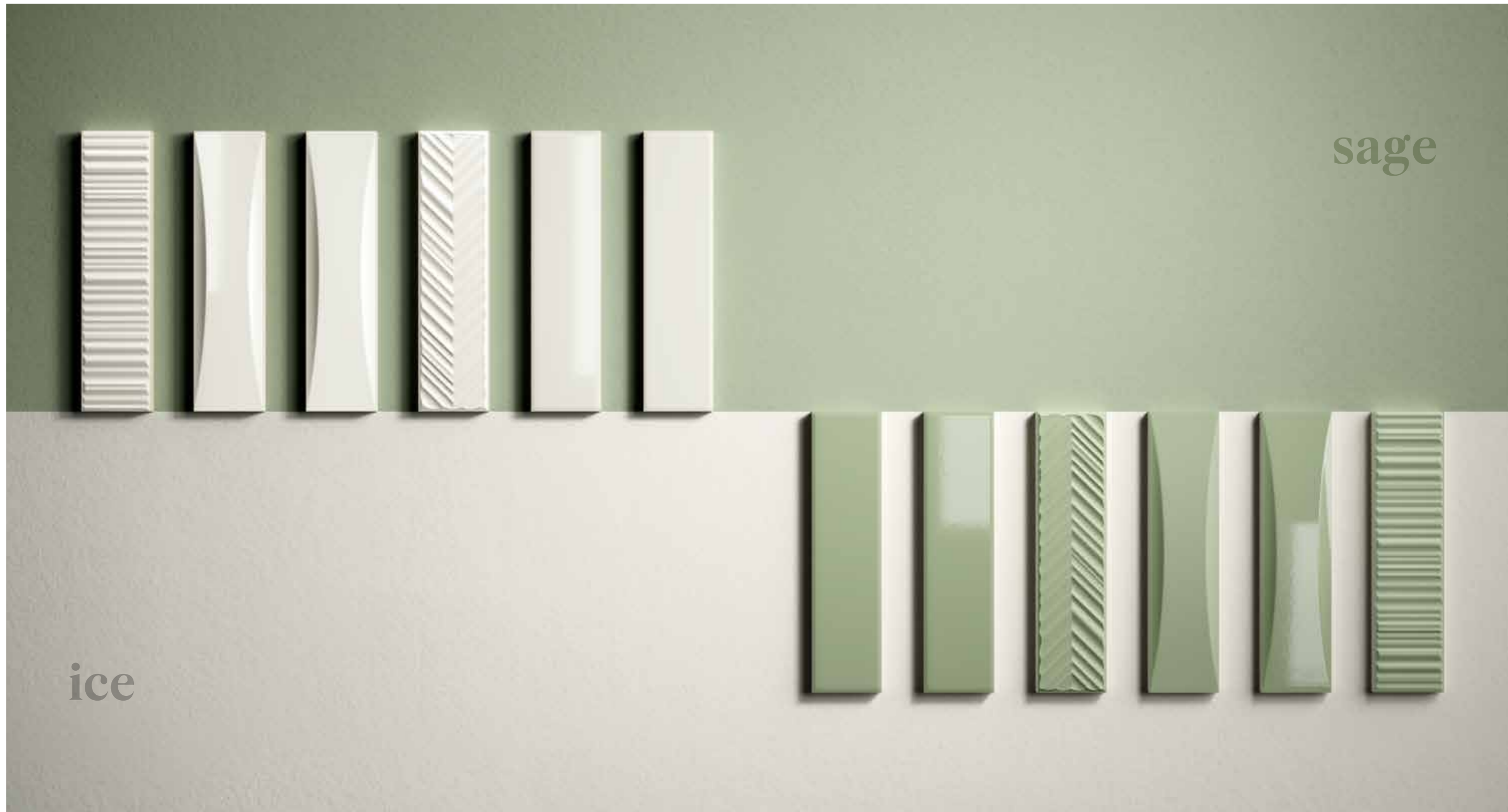


Wall 5x20 . 2"x8"  
Ice Soft  
Ice Duna Soft



Wall 5x20 . 2"x8"  
Ice Soft  
Ice Line Soft  
Ice Chevron Soft  
Ice Duna Soft





sage

ice

sage



SCHEMA

07

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Wall 5x20 . 2"x8"  
Sage Soft  
Sage Line Soft

Wall 5x20 . 2"x8"  
Sage Soft  
Sage Line Soft  
Sage Chevron Soft  
Dove Soft  
Floor 17,5x20 . 7"x8"  
Dove EXA



sage

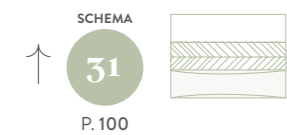
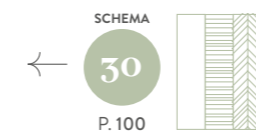
## rassicurante, naturale e delicato.

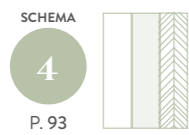
EN reassuring, natural, delicate. FR rassurant, naturel et délicat.

DE beruhigend, natürlich und sanft. ES relajante, natural y delicado.



Wall 5x20 . 2"x8"  
Sage Soft  
Sage Chevron Soft  
Sage Duna Soft





Wall 5x20 . 2"x8"  
Sage Soft  
Sage Gloss  
Sage Chevron Soft



Wall 5x20 . 2"x8"  
Sage Duna Soft  
Floor 60x120 . 24"x48"  
Brooklyn Collection Grey



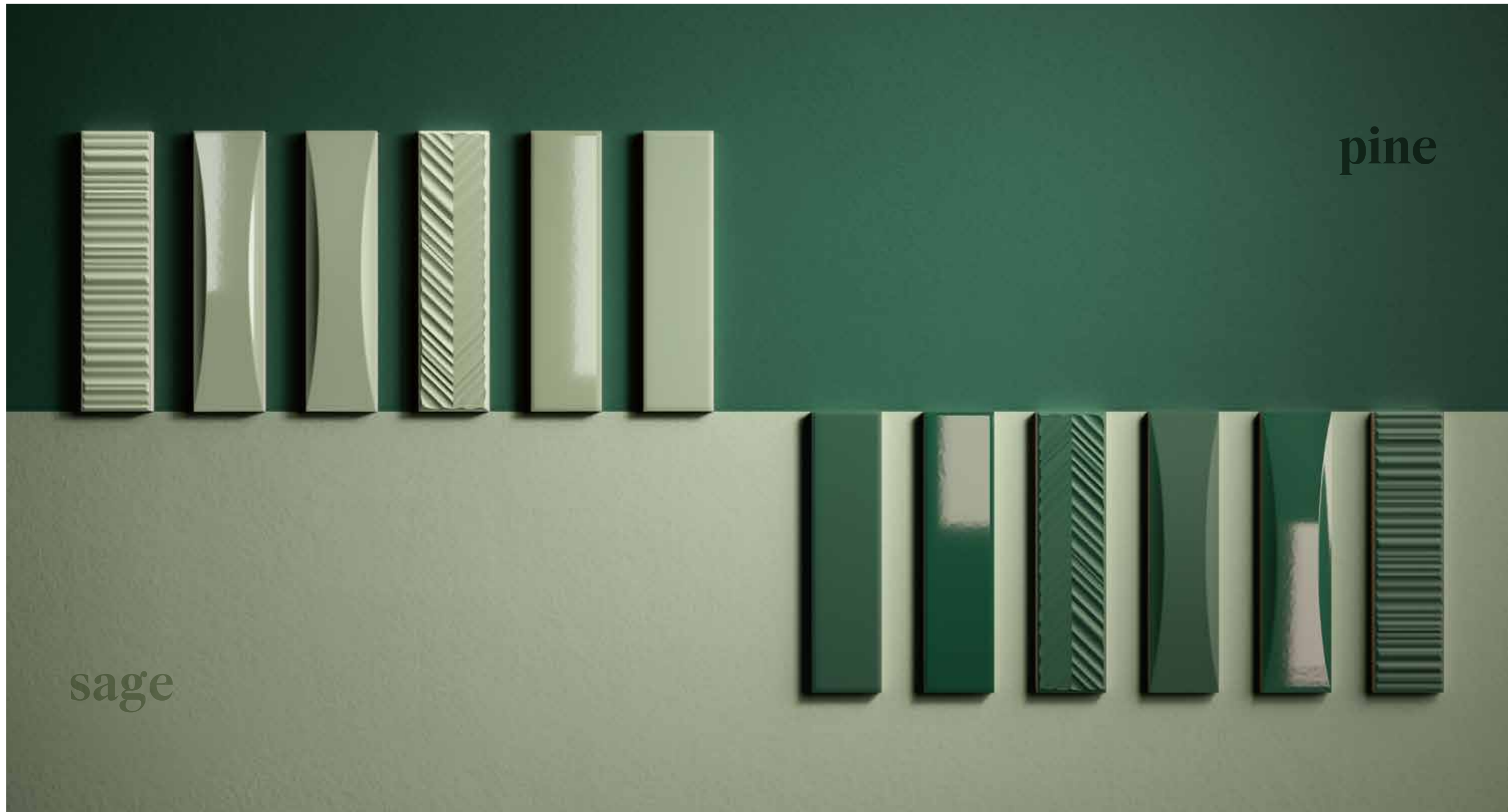
# duna gloss

colori vibranti  
di lucentezza.

EN **duna gloss** vibrant glossy colours.  
FR **duna gloss** des couleurs éclatantes de lumière.  
DE **duna gloss** leuchtende und strahlende Farben.  
ES **duna gloss** colores vibrantes y brillantes.



DUNA GLOSS



pine

sage



# pine



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17  
P. 96

Wall 5x20 . 2"x8"  
Pine Soft  
Pine Gloss  
Pine Chevron Soft

pine

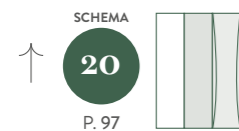
# profondo, intenso e di design.

EN deep, intense, designer surfaces. FR profond, intense et très design.

DE tiefgründig, intensiv und designorientiert. ES profundo, intenso y de diseño.



Wall 5x20 . 2"x8"  
Pine Soft  
Pine Gloss  
Pine Duna Soft  
Ice Duna Soft



Wall 5x20 . 2"x8"  
Pine Soft  
Pine Duna Soft  
Floor 60x120 . 24"x48"  
Horizon Collection Carbone



Wall 5x20 . 2"x8"  
Pine Soft  
Pine Line Soft



Wall 5x20 . 2"x8"  
Pine Soft  
Pine Gloss

← SCHEMA  
06  
P. 93

↑ SCHEMA  
01  
P. 92

# range

17,5x20 - HIGHLY RESISTANT GLAZED PORCELAIN STONEWARE - App. G Standard Bla GL  
 5x20 - WHITE BODY WALLTILES - Standard BIII



	EXA	GLOSS	SOFT	DUNA GLOSS	DUNA SOFT	LINE SOFT	CHEVRON SOFT
<b>terrae</b>							
<b>blush</b>							
<b>dove</b>							
<b>ice</b>							
	17,5x20	5x20	5x20	5x20	5x20	5x20	5x20

	EXA	GLOSS	SOFT	DUNA GLOSS	DUNA SOFT	LINE SOFT	CHEVRON SOFT
<b>sage</b>							
<b>pine</b>							
<b>niagara</b>							
<b>ink</b>							
	17,5x20	5x20	5x20	5x20	5x20	5x20	5x20

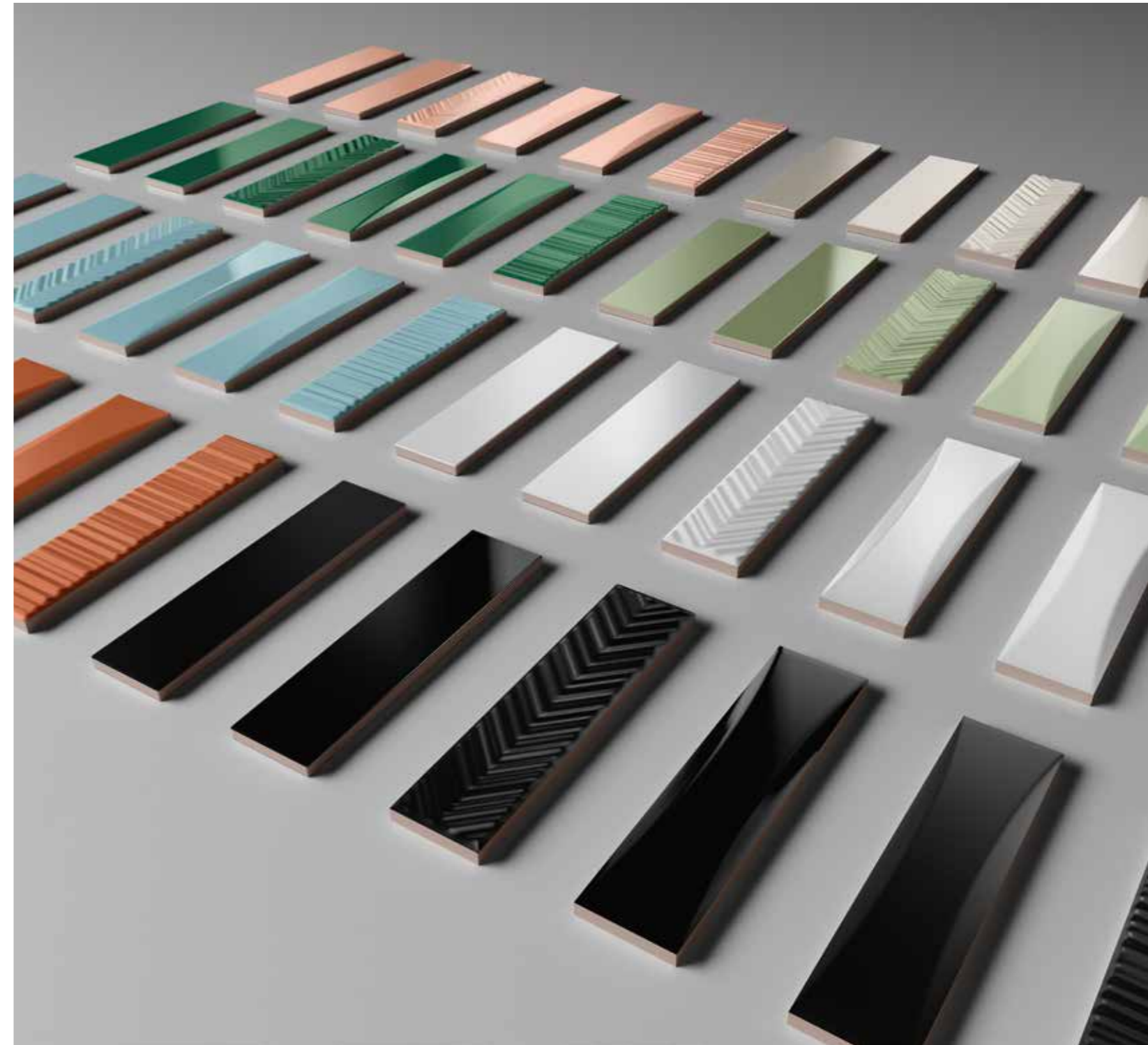
DUST

# range

17,5x20 - HIGHLY RESISTANT GLAZED PORCELAIN STONEWARE - App. G Standard Bla GL  
 5x20 - WHITE BODY WALLTILES - Standard BIII



	Soft 5x20 2"x8" - 8 mm	Gloss 5x20 2"x8" - 8 mm	Duna Soft 5x20 2"x8" - 14 mm	Duna Gloss 5x20 2"x8" - 14 mm	Line 5x20 2"x8" - 9mm	Chevron 5x20 2"x8" - 9 mm	Exa 17,5x20 7"x8" - 9 mm R10
Terrae	03E5080	03E5081	03E5D80	03E5D81	03E5L80	03E5C80	03EE180
Blush	03E5030	03E5031	03E5D30	03E5D31	03E5L30	03E5C30	03EE130
Dove	03E5040	03E5041	03E5D40	03E5D41	03E5L40	03E5C40	03EE140
Ice	03E5000	03E5001	03E5D00	03E5D01	03E5L00	03E5C00	03EE100
Sage	03E5060	03E5061	03E5D60	03E5D61	03E5L60	03E5C60	03EE160
Pine	03E5070	03E5071	03E5D70	03E5D71	03E5L70	03E5C70	03EE170
Niagara	03E5050	03E5051	03E5D50	03E5D51	03E5L50	03E5C50	03EE150
Ink	03E5090	03E5091	03E5D90	03E5D91	03E5L90	03E5C90	03EE190
pcs/box	50	50	44	44	44	44	25
m <sup>2</sup> /box	0,50	0,50	0,44	0,44	0,44	0,44	0,71
kg/box	7,53	7,53	6,35	6,35	6,63	6,63	13,10
box/pal	120	120	120	120	120	120	80
m <sup>2</sup> /pal	60,00	60,00	52,80	52,80	44,00	44,00	56,80
kg/pal	903	903	779	779	816	816	1048















**GRES PORCELLANATO CERAMICO AD ALTA RESISTENZA  
APP. G - GRUPPO BIA GL**

HIGHLY RESISTANT PORCELAIN STONEWARE

GRÈS CÉRAME HAUTE RESISTANCE

HOCHFESTES DURCHGEFÄRBTES FEINSTEINZEUG

GRES PORCELÁNICO COLOREADO EN TODA LA MASA DE ALTA RESISTENCIA

Caratteristiche di qualità Quality characteristics Caractéristiques de qualité Qualitätsmerkmale	Norma UNI EN ISO UNI EN ISO Norm Norme UNI EN ISO Norm DIN EN ISO	Valore prescritto Fixed value Valeur prescrite Vorgeschriebener Wert			Valore medio Elios Elios mean value Valeur moyenne Elios Druchschnitts Werf Elios
		Requisiti per le dimensioni nominali N Requirements for nominal size N Exigences pour dimension nominale N Anforderungen an die Nenngröße N			
		7 cm ≤ N < 15 cm	N ≥ 15 cm		
		(mm)	(%)	(mm)	
<b>Lunghezza e larghezza</b> . Lenght and width Longueur et Largeur . Länge und Breite	10545-2	± 0,9 mm	± 0,6%	± 2,0 mm	conforme alla norma conforms to standard norme retenue Bezugsnorm
<b>Spessore</b> . Thickness . Epaisseur . Stärke		± 0,5 mm	± 5%	± 0,5 mm	
<b>Rettilineità lati</b> . Warpage of edges		± 0,75 mm	± 0,5%	± 1,5 mm	
 <b>Ortogonalità</b> . Wedging Ortogonalité . Rechtwinkligkeit		± 0,75 mm	± 0,5%	± 2,0 mm	
<b>Planarità</b> . Flatness . Planéité . Ebenflächigkeit		± 0,75 mm	± 0,5%	± 2,0 mm	
<b>Qualità della superficie</b> Surface Quality Qualité de surface Oberflächenqualität		il 95% delle piastrelle deve essere esente da difetti visibili A min. of 95% of the tiles shall be free from visible defects 95% des carreaux doivent être exempts de défauts visibles 95% der Fliesen muss frei von sichtbaren Defekten sein			
 <b>Assorbimento d'acqua</b> Water absorption Absorption d'eau Wasseraufnahme	10545-3	$E_w \leq 0,5\%$ - max individuale 0,6% $E_w \leq 0,5\%$ - individual 0,6% $E_w \leq 0,5\%$ - max. individuel 0,6% $E_w \leq 0,5\%$ - max. individuell 0,6%			conforme alla norma conforms to standard norme retenue Bezugsnorm
 <b>Resistenza alla flessione in N/mm<sup>2</sup></b> Bending strength in N/mm <sup>2</sup> Résistance à la flexion N/mm <sup>2</sup> Biegefestigkeit N/mm <sup>2</sup>	10545-4	minimo 35 N/mm <sup>2</sup> - valore singolo 32 N/mm <sup>2</sup> minimum 35 N/mm <sup>2</sup> - minimum single 32 N/mm <sup>2</sup> minimum 35 N/mm <sup>2</sup> - valeur individuelle 32 N/mm <sup>2</sup> Mindestwert 35 N/mm <sup>2</sup> - Einzelwert 32 N/mm <sup>2</sup>			> 38 N/mm <sup>2</sup>
 <b>Resistenza all'urto</b> Shock resistance Résistance à l'impact Schlagfestigkeit	10545-5	non richiesto not required pas nécessaire nicht erforderlich			COR > 0,73
 <b>Resistenza all'abrasione</b> Abrasion resistance Résistance à l'abrasion Beständigkeit gegen Tiefenabrieb	10545-7	non richiesto not required pas nécessaire nicht erforderlich			vedi singoli pezzi see individual pieces voir chaque pièce siehe einzelne Teile
 <b>Coefficiente di dilatazione termica lineare</b> Coefficient of linear thermal expansion Coefficient de dilatation thermique linéaire Lineare Wärmeausdehnung	10545-8	non richiesto not required pas nécessaire nicht erforderlich			$\alpha_L \leq 7 \cdot 10^{-6}/^{\circ}\text{C}$
 <b>Resistenza agli sbalzi termici</b> Thermal shock resistance Resistance aux écarts de température Temperaturwechselbeständigkeit	10545-9	metodo di prova richiesto required méthode d'essai exigée Geforderte Prüfmethode			resistente resistant résistants Beständig
 <b>Determinazione della resistenza al cavillo</b> Glaze crazing resistance Résistance aux craquelurès Haariß-Beständigkeit	10545-11	metodo di prova richiesto required méthode d'essai exigée Geforderte Prüfmethode			resistente resistant résistants Beständig
 <b>Resistenza al gelo</b> Frost resistance Résistance au gel Frostbeständigkeit	10545-12	metodo di prova richiesto required méthode d'essai exigée Geforderte Prüfmethode			resistente resistant résistants Beständig
 <b>Resistenza all'attacco chimico</b> Chemical resistance Résistance attaque chimique Chemische Beständigkeit	10545-13	classe B minimo group B minimum classe B minimum Mindest Klasse B			conforme alla norma conforms to standard norme retenue Bezugsnorm
 <b>Resistenza alle macchie</b> Stain resistance Résistance aux taches Widerstand gegen fleckenbildung	10545-14	classe 3 minimo group 3 minimum classe 3 minimum Mindest Klasse 3			classe 5 group 5 classe 5 Klasse 5
 <b>Piccole differenze di colore</b> Determination of small colour differences Petites différences de couleur Kleine Farbunterschiede	10545-16	$\Delta E_{cmc} < 0,75$			conforme alla norma conforms to standard norme retenue Bezugsnorm



SCUOLE  
SCHOOLS  
ÉCOLES  
SCHULEN



HOTEL  
HOTEL  
HOTEL  
HOTEL



ABITAZIONI  
HOUSES  
MAISONS  
HAUSER



PORTICATO  
PORCH  
VÉRANDA  
ARKADE



BORDO PISCINA  
SWIMMING BATH  
PISCINE DE BAIN  
SCHWIMMEN BAD













**RIVESTIMENTO DI PASTA BIANCA  
GRUPPO BIII**

WHITE BODY WALL TILES - Standard BIII

CARREAUX MURAUX EN CORPS BLANC - Norme BIII

WEISSE TEILIGE WANDFLIESEN - Standard BIII

REVESTIMIENTO DE PASTA BLANCA - Estándar BIII

Caratteristiche di qualità Quality characteristics Caractéristiques de qualité Qualitätsmerkmale	Norma UNI EN ISO UNI EN ISO Norm Norme UNI EN ISO Norm DIN EN ISO	Valore prescritto Fixed value Valeur prescrite Vorgeschriebener Wert			Valore medio Elios Elios mean value Valeur moyenne Elios Druchschnitts Werf Elios
		Requisiti per le dimensioni nominali N Requirements for nominal size N Exigences pour dimension nominale N Anforderungen an die Nenngröße N			
		7 cm ≤ N < 15 cm	N ≥ 15 cm		
		(mm)	(%)	(mm)	
<b>Lunghezza e larghezza</b> . Lenght and width Longueur et Largeur . Länge und Breite	10545-2	± 0,9 mm	± 0,5	± 2,0 mm	conforme alla norma conforms to standard norme retenue Bezugsnorm
<b>Spessore</b> . Thickness . Epaisseur . Stärke		± 0,5 mm	± 10	± 0,5 mm	
<b>Rettilineità lati</b> . Warpage of edges		± 0,75 mm	± 0,3	± 1,5 mm	
 <b>Ortogonalità</b> . Wedging Ortogonalité . Rechtwinkligkeit		± 0,75 mm	± 0,5	± 2,0 mm	
<b>Planarità</b> . Flatness . Planéité . Ebenflächigkeit		± 0,75 mm	± 0,5	± 2,0 mm	
<b>Qualità della superficie</b> Surface Quality Qualité de surface Oberflächenqualität		il 95% delle piastrelle deve essere esente da difetti visibili A min. of 95% of the tiles shall be free from visible defects 95% des carreaux doivent être exempts de défauts visibles 95% der Fliesen muss frei von sichtbaren Defekten sein			
 <b>Assorbimento d'acqua</b> Water absorption Absorption d'eau Wasseraufnahme	10545-3	>10 %			conforme alla norma conforms to standard norme retenue Bezugsnorm
 <b>Resistenza alla flessione in N/mm<sup>2</sup></b> Bending strength in N/mm <sup>2</sup> Résistance à la flexion N/mm <sup>2</sup> Biegefestigkeit N/mm <sup>2</sup>	10545-4	≥ 15 N/mm <sup>2</sup> se spessore < 7.5 mm > o = 12 N/mm <sup>2</sup> se spessore > o = 7.5 mm			conforme alla norma
 <b>Sforzo di rottura</b> modulus of rupture charge de rupture bruchlast	10545-4	≥ 200 N se spessore < 7.5 mm > o = 600 N se spessore > o = 7.5 mm			conforme alla norma
 <b>Resistenza all'abrasione</b> Abrasion resistance Résistance à l'abrasion Beständigkeit gegen Tiefenabrieb	10545-7	non richiesto not required pas nécessaire nicht erforderlich			Classe 1-5 Class 1-5 Classe 1-5 Klasse 1-5
 <b>Coefficiente di dilatazione termica lineare</b> Coefficient of linear thermal expansion Coefficient de dilatation thermique linéaire Lineare Wärmeausdehnung	10545-8	non richiesto not required pas nécessaire nicht erforderlich			7°C
 <b>Resistenza agli sbalzi termici</b> Thermal shock resistance Resistance aux écarts de température Temperaturwechselbeständigkeit	10545-9	Metodo disponibile			resistente resistant résistants Beständig
 <b>Determinazione della resistenza al cavillo</b> Glaze crazing resistance Résistance aux craquelurès Haariß-Beständigkeit	10545-11	metodo di prova richiesto required méthode d'essai exigée Geforderte Prüfmethode			resistente resistant résistants Beständig
 <b>Resistenza al gelo</b> Frost resistance Résistance au gel Frostbeständigkeit	10545-12	Metodo disponibile			resistente resistant résistants Beständig
 <b>Resistenza all'attacco chimico</b> Chemical resistance Résistance attaque chimique Chemische Beständigkeit	10545-13	GBMIN			conforme alla norma conforms to standard norme retenue Bezugsnorm
 <b>Resistenza alle macchie</b> Stain resistance Résistance aux taches Widerstand gegen fleckenbildung	10545-14	classe 3 minimo group 3 minimum classe 3 minimum Mindest Klasse 3			4-5
 <b>Piccole differenze di colore</b> Determination of small colour differences Petites différences de couleur Kleine Farbunterschiede	10545-16	Not permitted			No variations



SCUOLE  
SCHOOLS  
ÉCOLES  
SCHULEN



HOTEL  
HOTEL  
HOTEL  
HOTEL



ABITAZIONI  
HOUSES  
MAISONS  
HAUSER

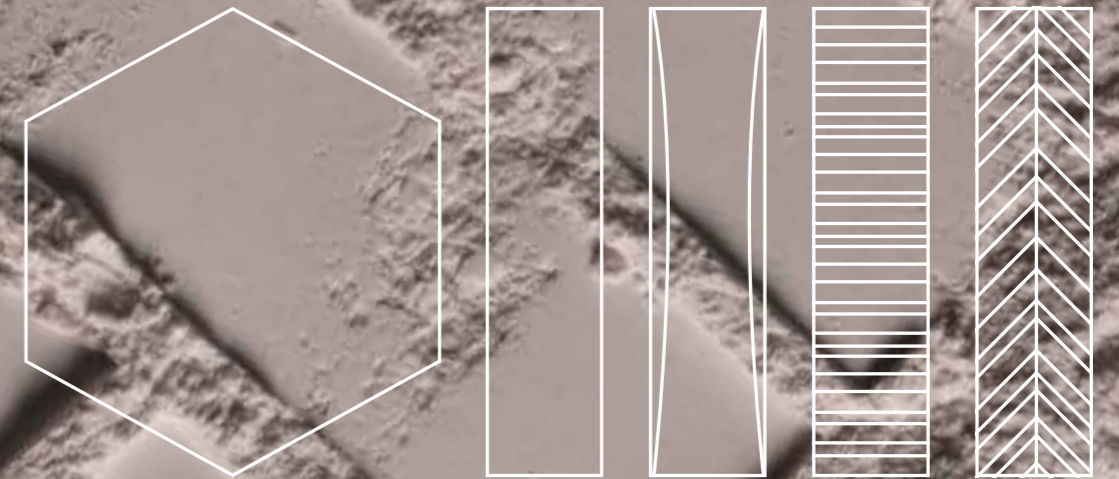


PORTICATO  
PORCH  
VÉRANDA  
ARKADE

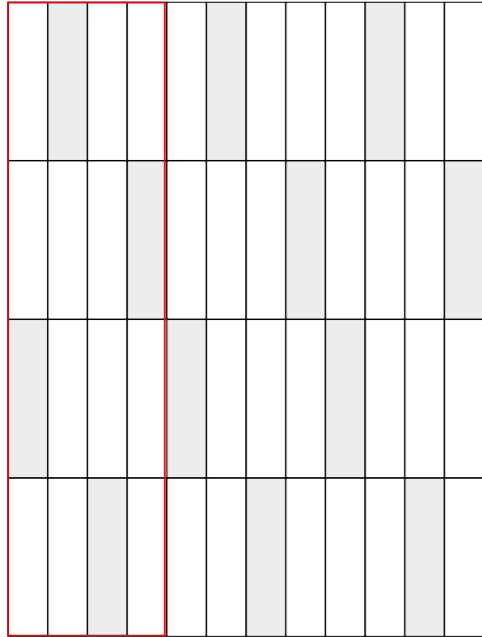


BORDO PISCINA  
SWIMMING BATH  
PISCINE DE BAIN  
SCHWIMMEN BAD

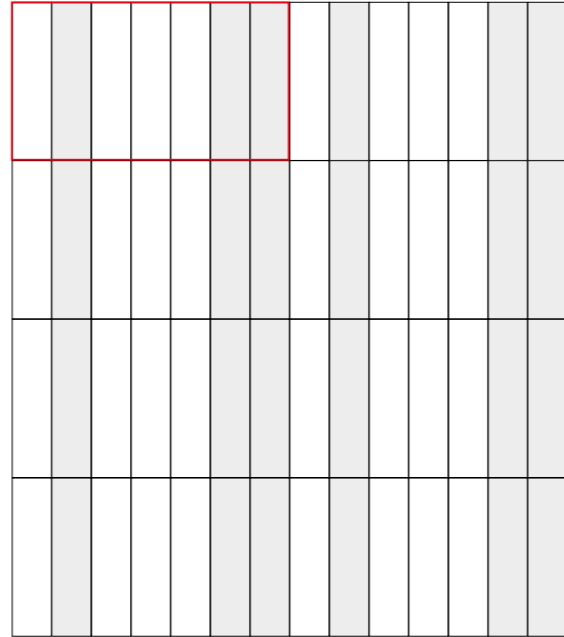
# compositional suggestions



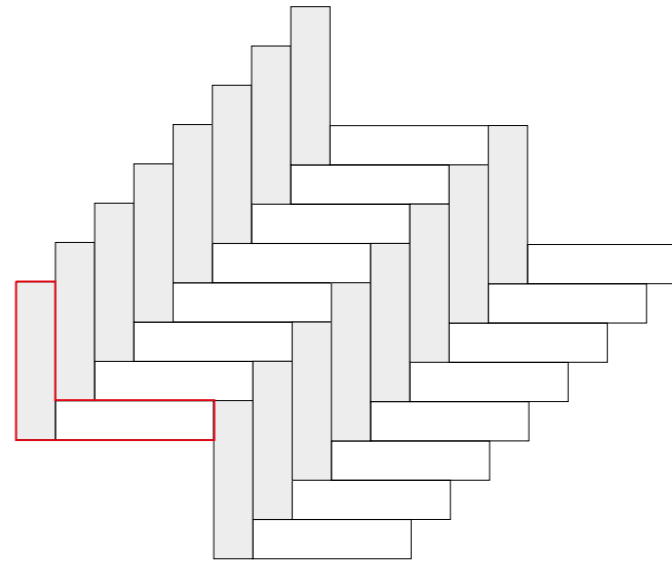
SCHEMA  
**01** soft 75%  
 gloss 25%



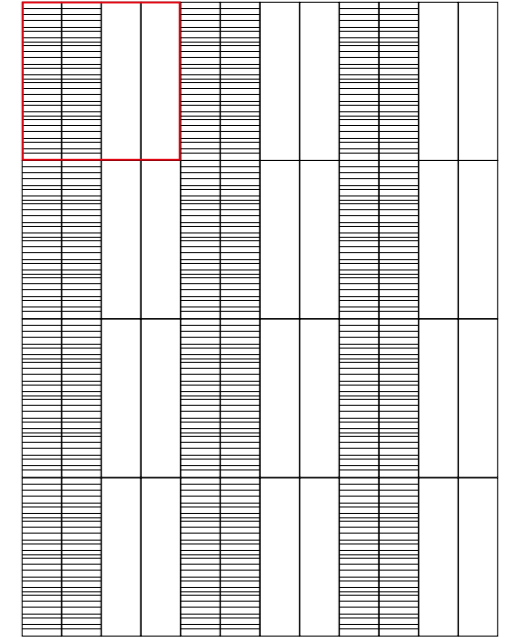
SCHEMA  
**02** soft 57,2%  
 gloss 42,8%



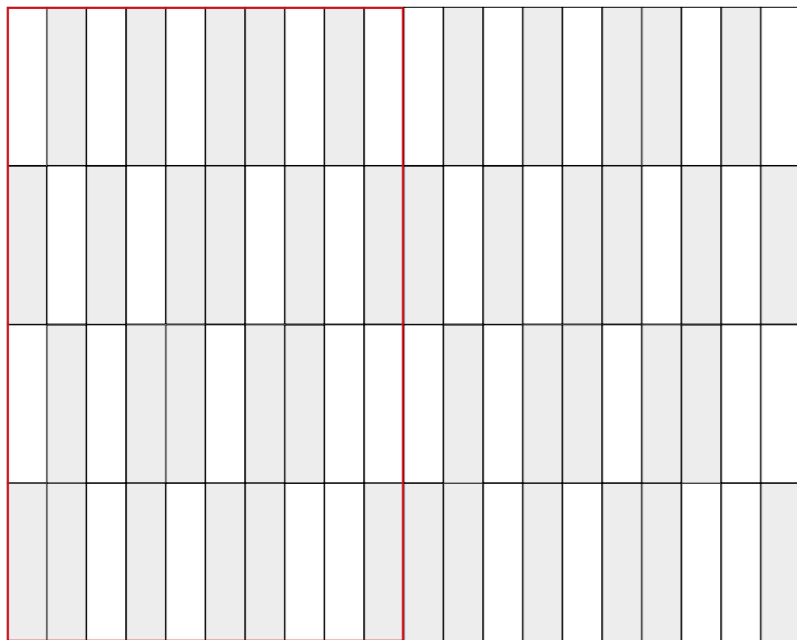
SCHEMA  
**04** soft 50%  
 gloss 50%



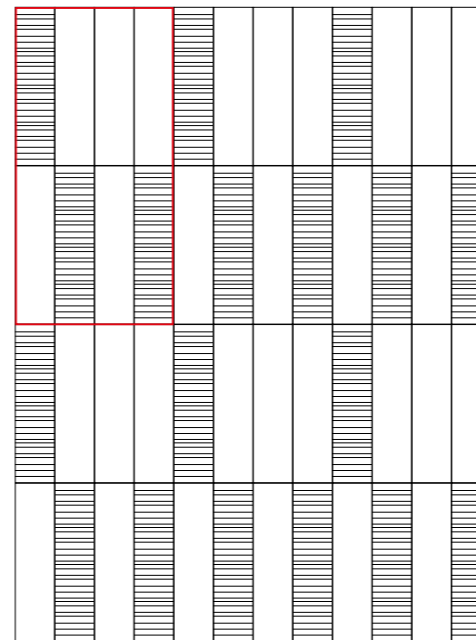
SCHEMA  
**05** soft 50%  
 line 50%



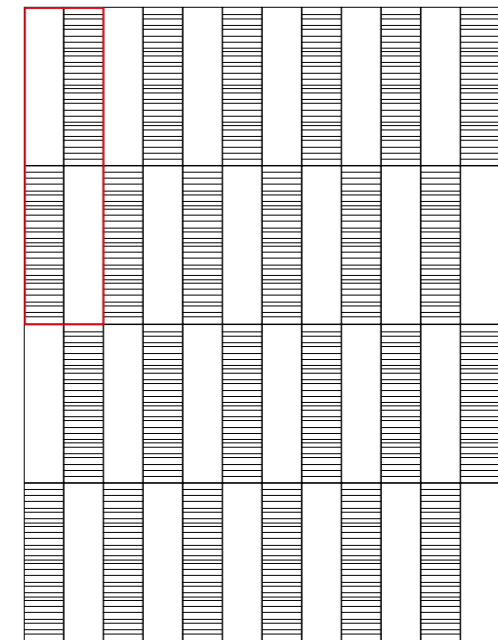
SCHEMA  
**03** soft 45%  
 gloss 55%



SCHEMA  
**06** soft 62,5%  
 line 37,5%

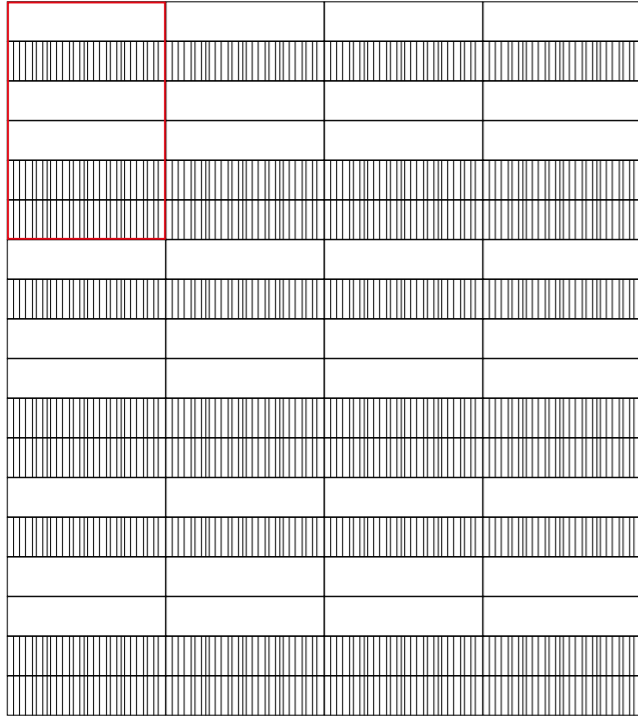


SCHEMA  
**07** soft 50%  
 line 50%

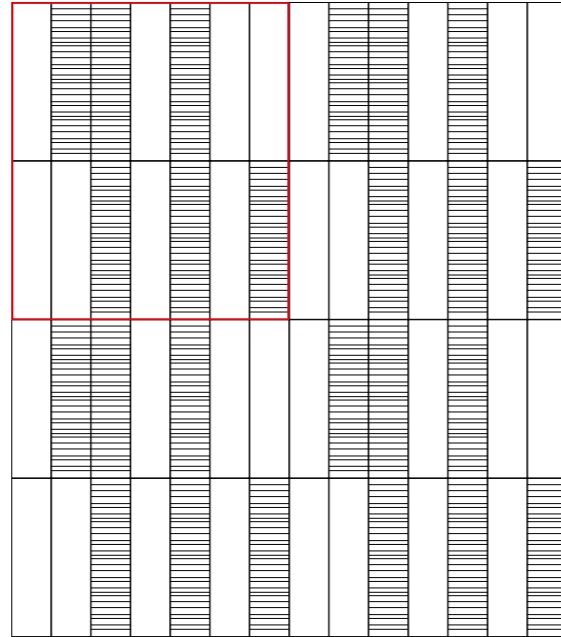




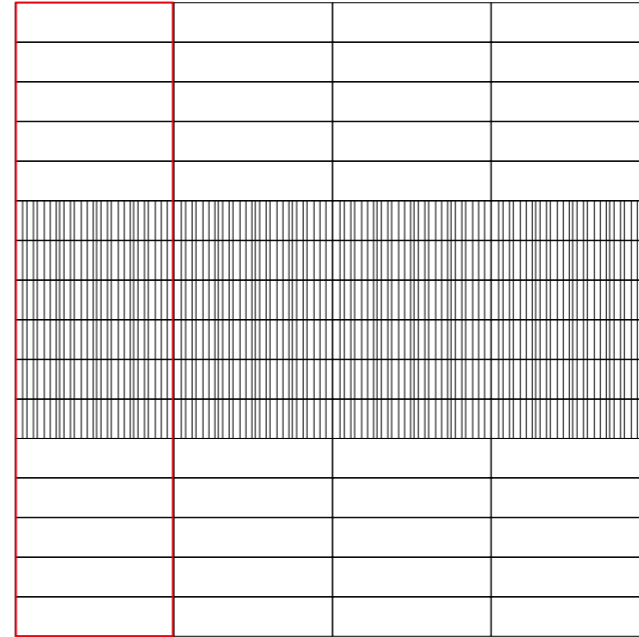
SCHEMA  
**08** soft 50%  
 line 50%



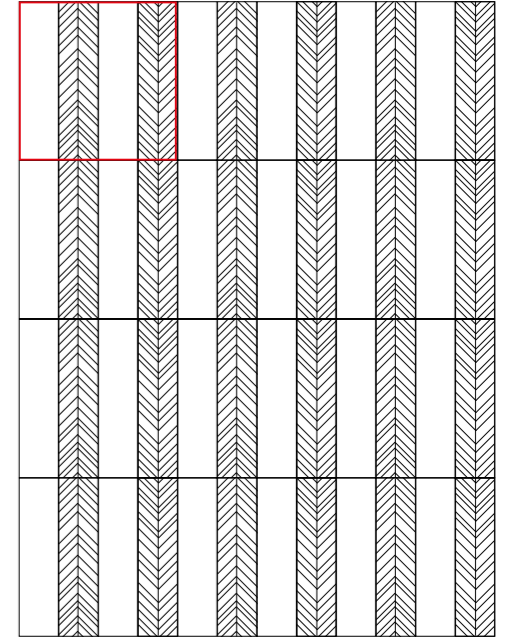
SCHEMA  
**09** soft 57,2%  
 line 42,8%



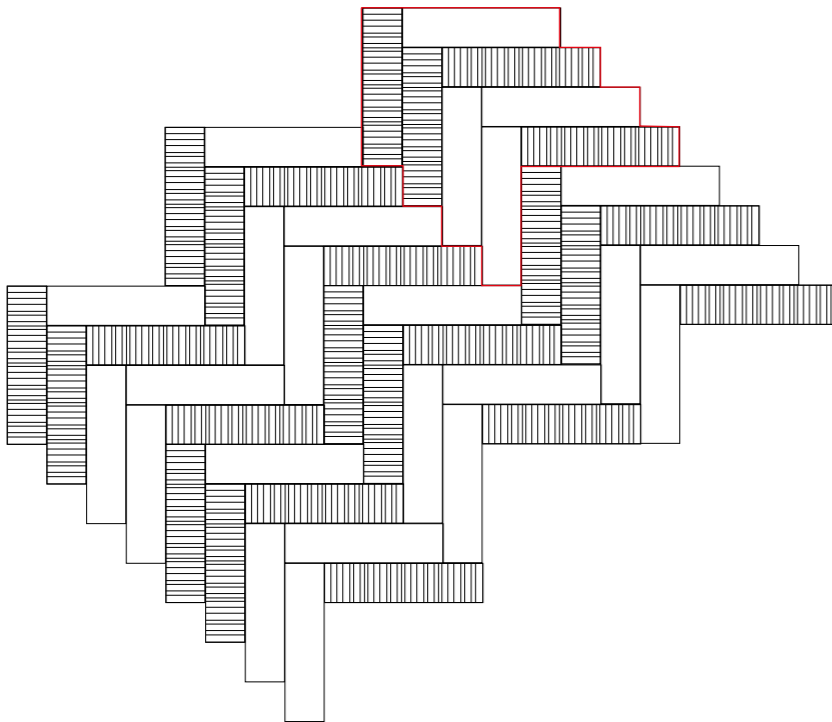
SCHEMA  
**11** soft 62,5%  
 line 37,5%



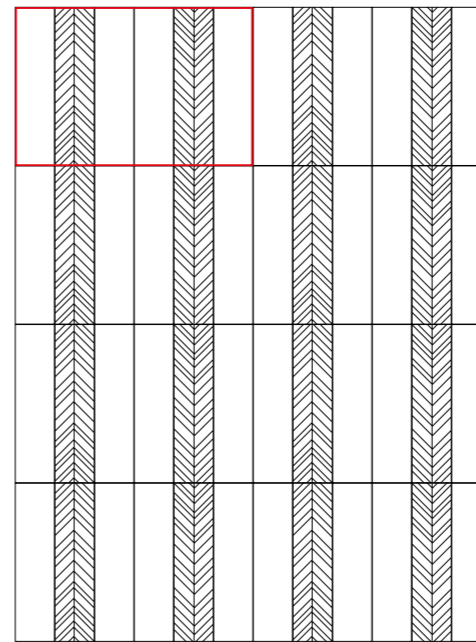
SCHEMA  
**12** soft 50%  
 chevron 50%



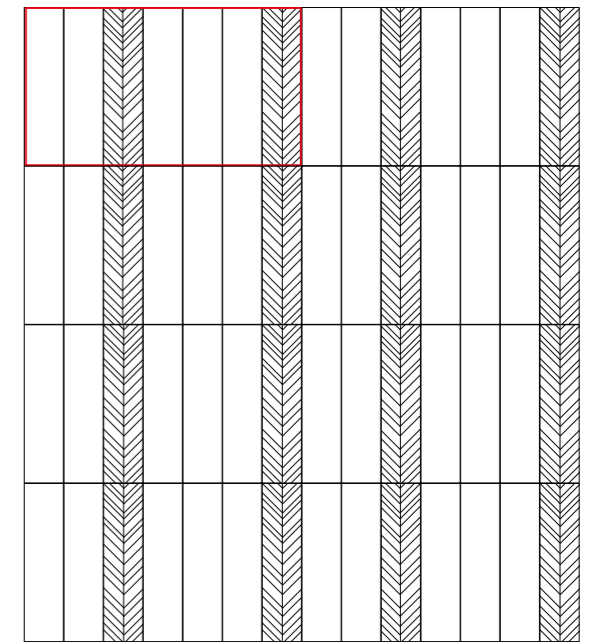
SCHEMA  
**10** soft 50%  
 line 50%



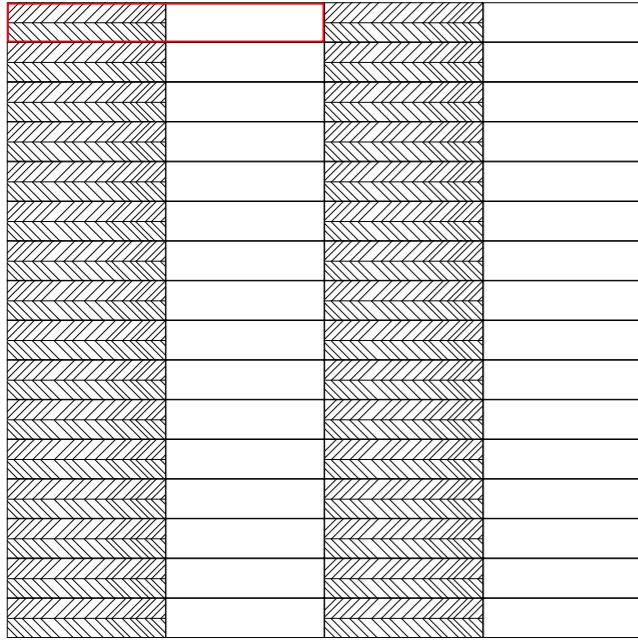
SCHEMA  
**13** soft 66,7%  
 chevron 33,3%



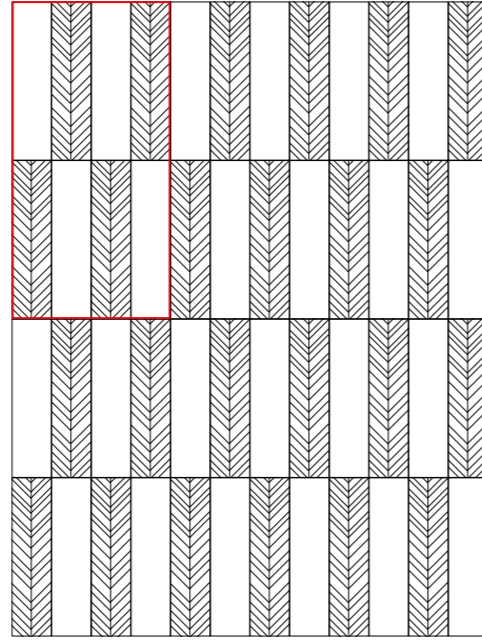
SCHEMA  
**14** soft 71,5%  
 chevron 28,5%



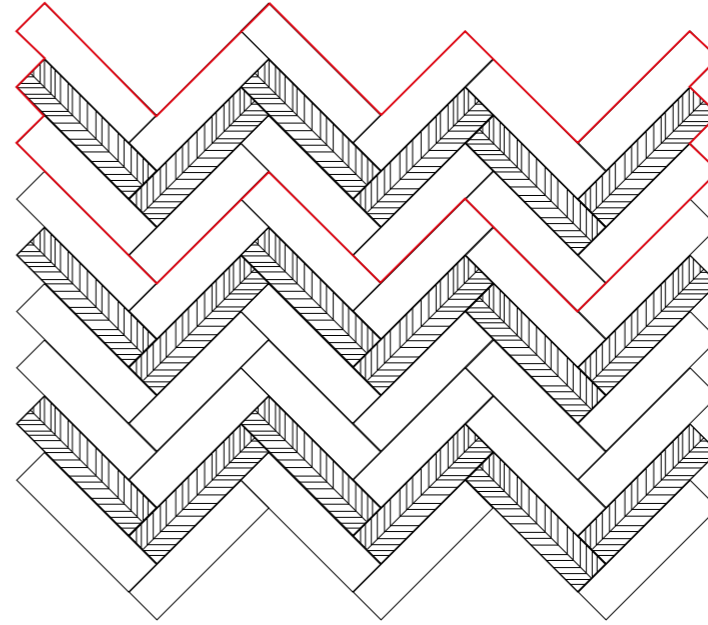
SCHEMA  
**15** soft 50%  
 chevron 50%



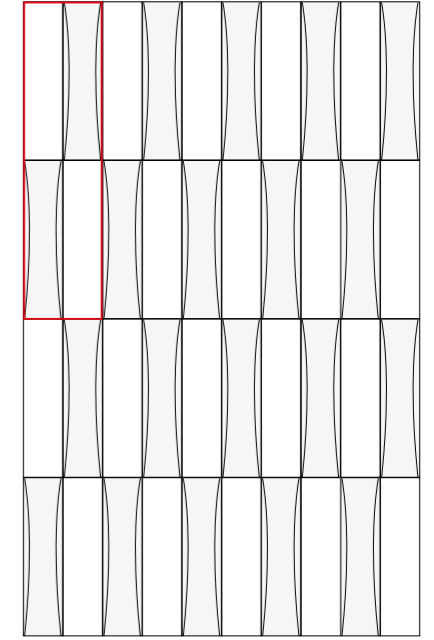
SCHEMA  
**16** soft 50%  
 chevron 50%



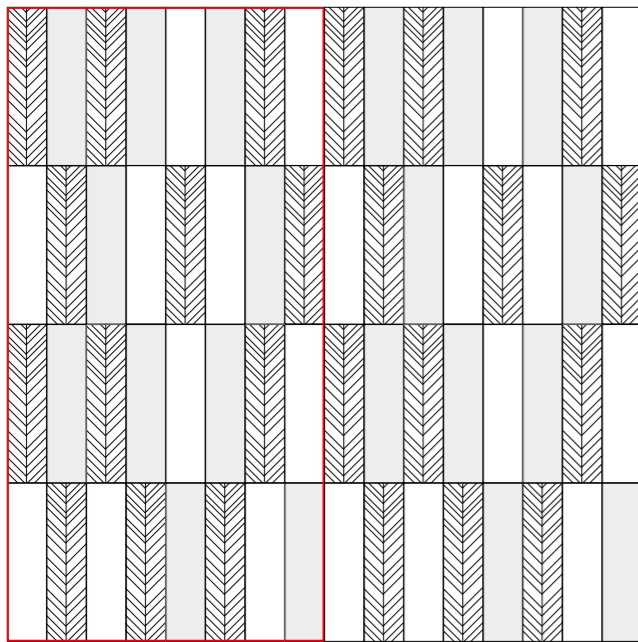
SCHEMA  
**19** soft 66,7%  
 chevron 33,3%



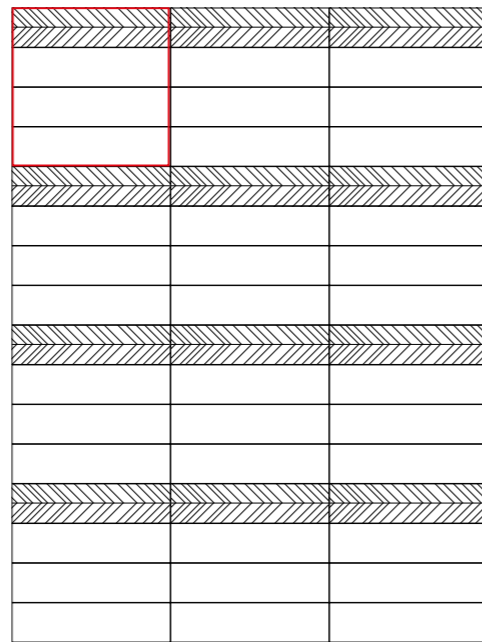
SCHEMA  
**20** soft 50%  
 duna 50%



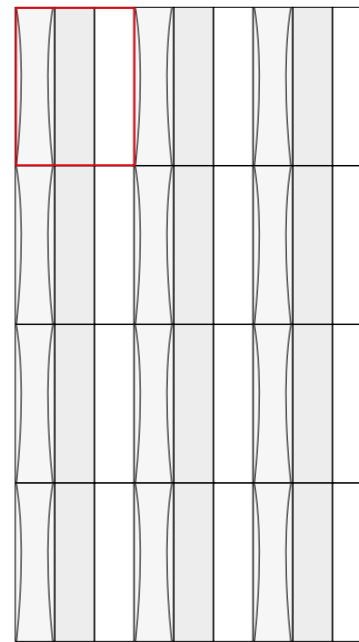
SCHEMA  
**17** soft 31,25%  
 gloss 31,25%  
 chevron 37,5%



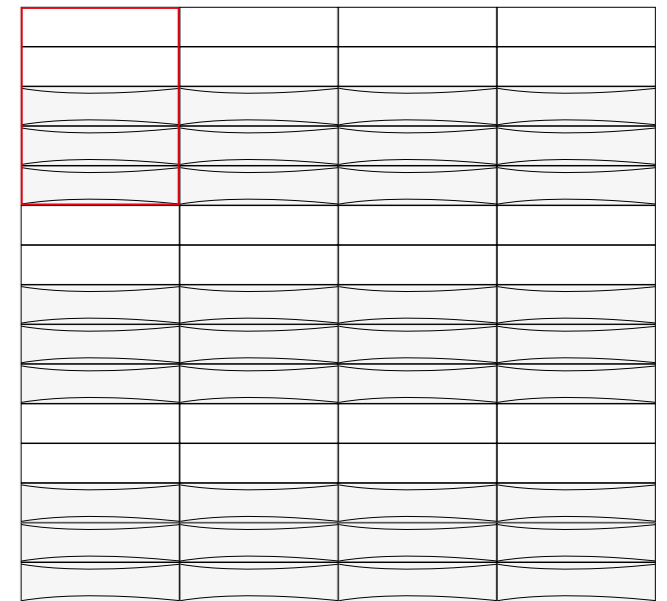
SCHEMA  
**18** soft 75%  
 chevron 25%



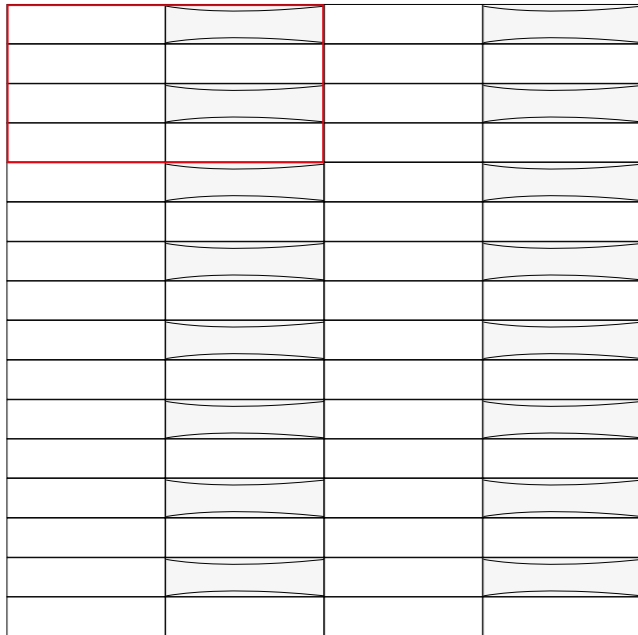
SCHEMA  
**21** soft 33,4%  
 gloss 33,3%  
 duna 33,3%



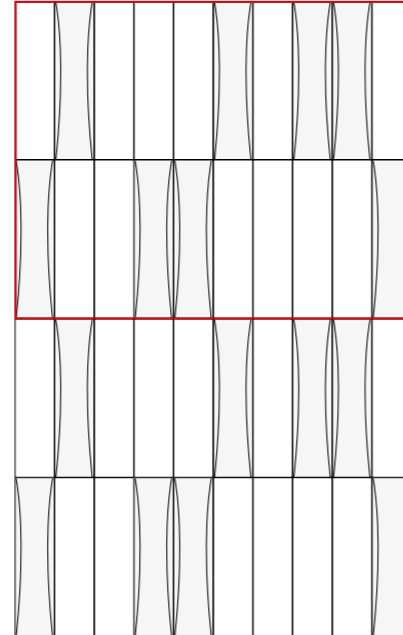
SCHEMA  
**22** soft 40%  
 duna 60%



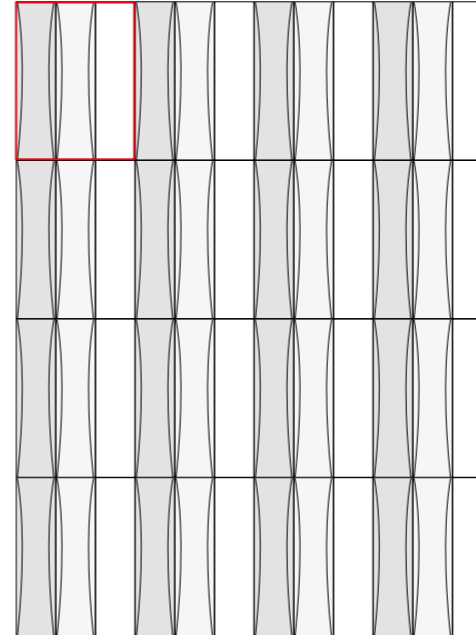
SCHEMA  
**23**  
 soft 75%  
 duna 25%



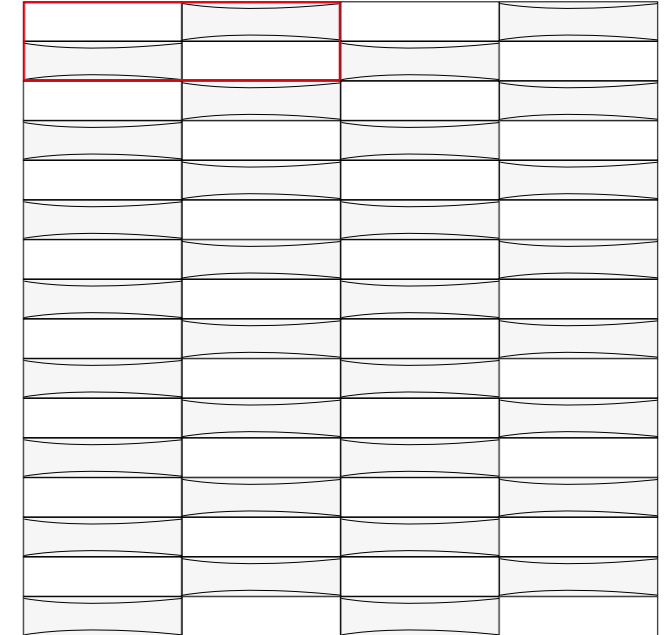
SCHEMA  
**24**  
 soft 60%  
 duna 40%



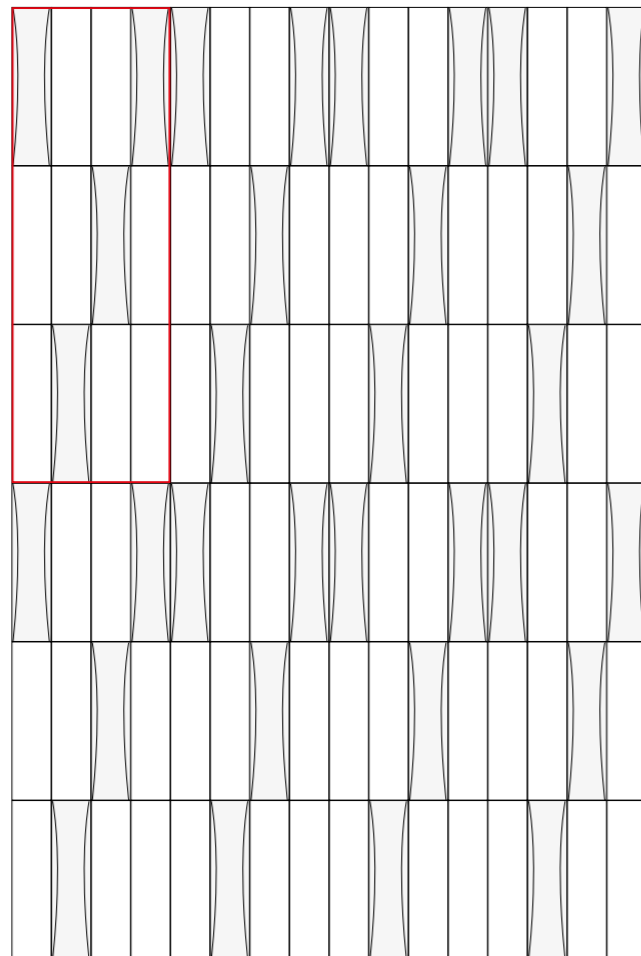
SCHEMA  
**26**  
 soft 33,4%  
 duna gloss 33,3%  
 duna soft 33,3%



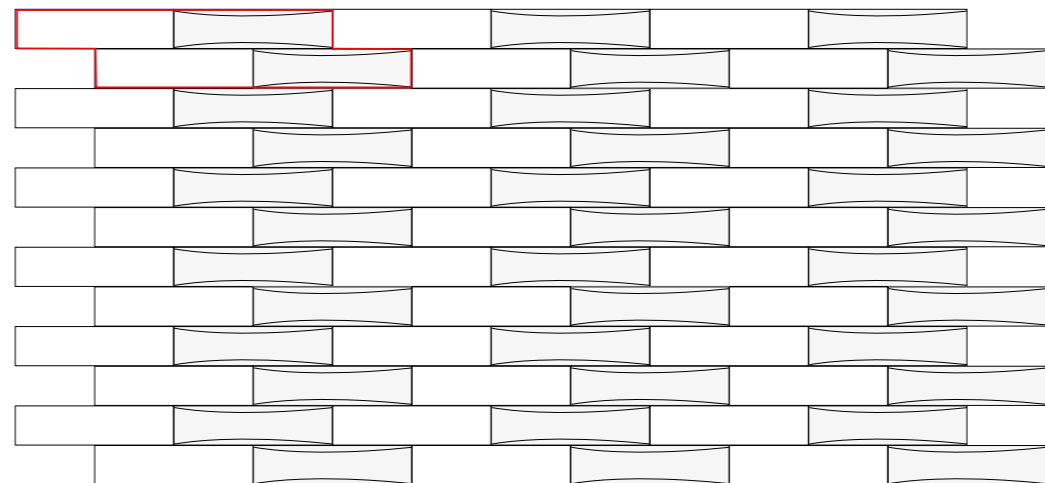
SCHEMA  
**27**  
 soft 50%  
 duna 50%



SCHEMA  
**25**  
 soft 66,7%  
 duna 33,3%






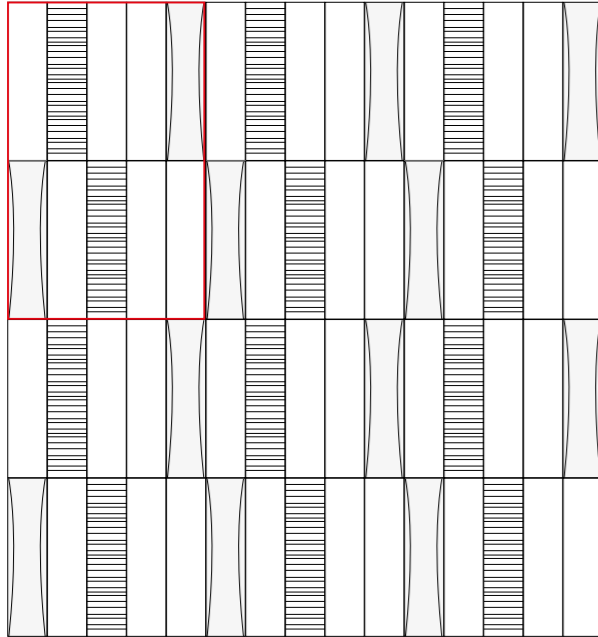
SCHEMA  
**28**  
 soft 50%  
 duna 50%



SCHEMA




**29**

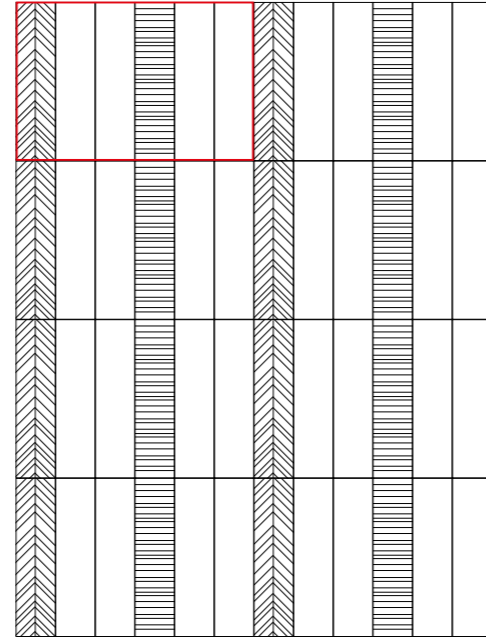
	soft	60%
	duna	20%
	line	20%



SCHEMA




**30**

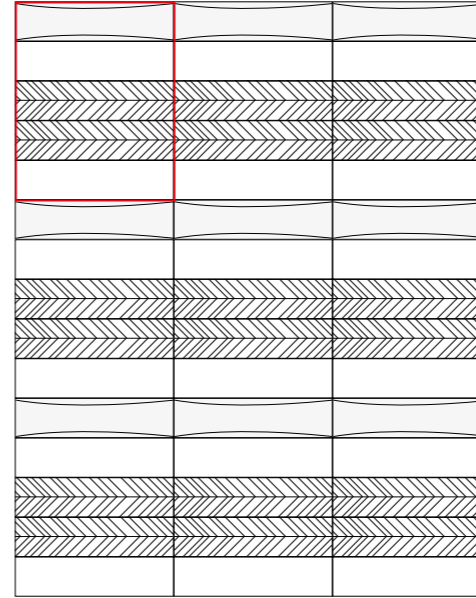
	soft	66,8%
	chevron	16,6%
	line	16,6%



SCHEMA

**32**

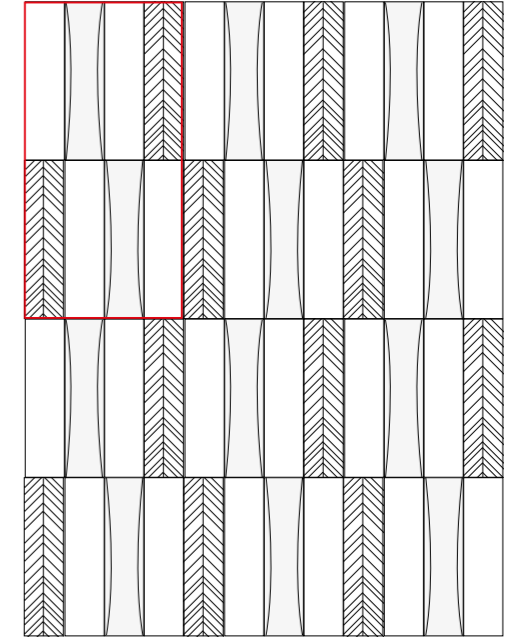
	soft	40%
	chevron	40%
	duna	20%



SCHEMA




**33**

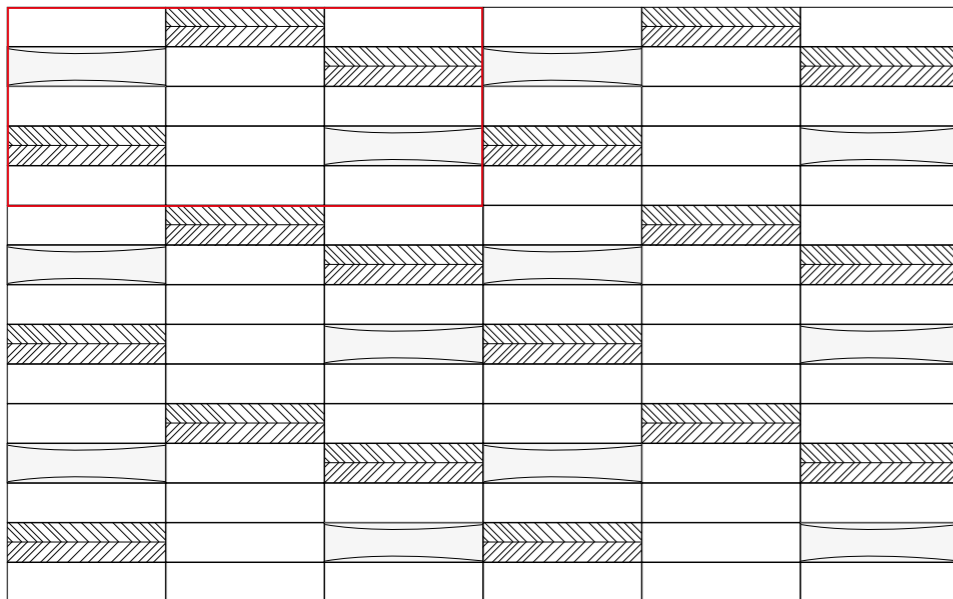
	soft	50%
	chevron	25%
	duna	25%



SCHEMA




**31**

	soft	66,7%
	chevron	20%
	duna	13,3%



SCHEMA





**34**

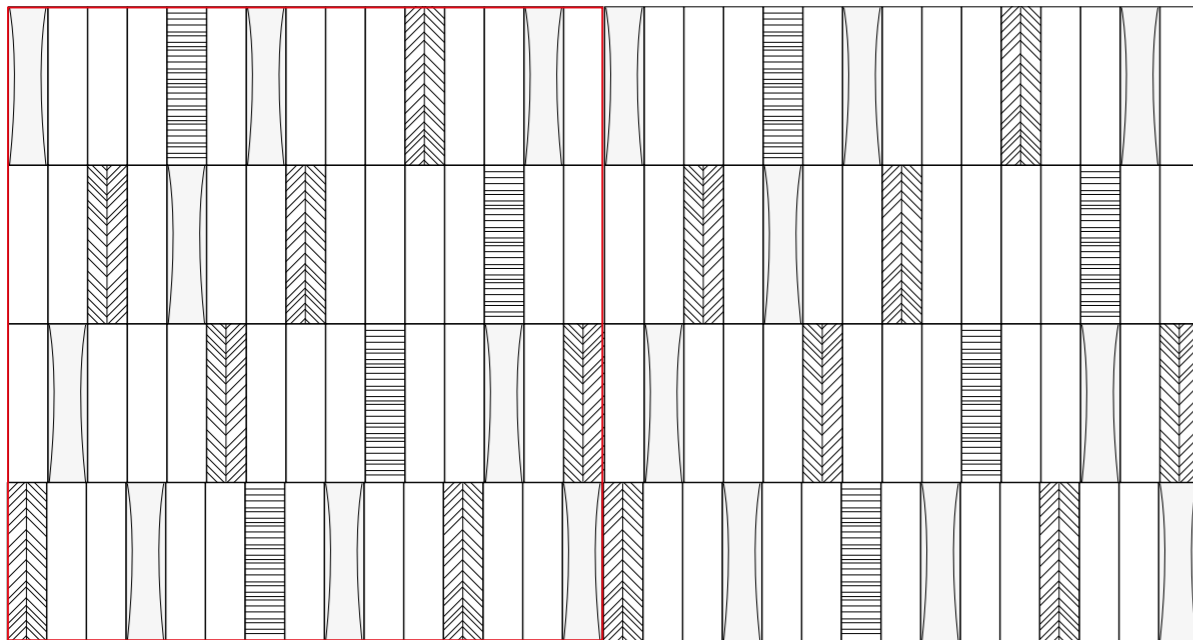
	soft	50%
	chevron	33,3%
	duna	16,7%



SCHEMA





35

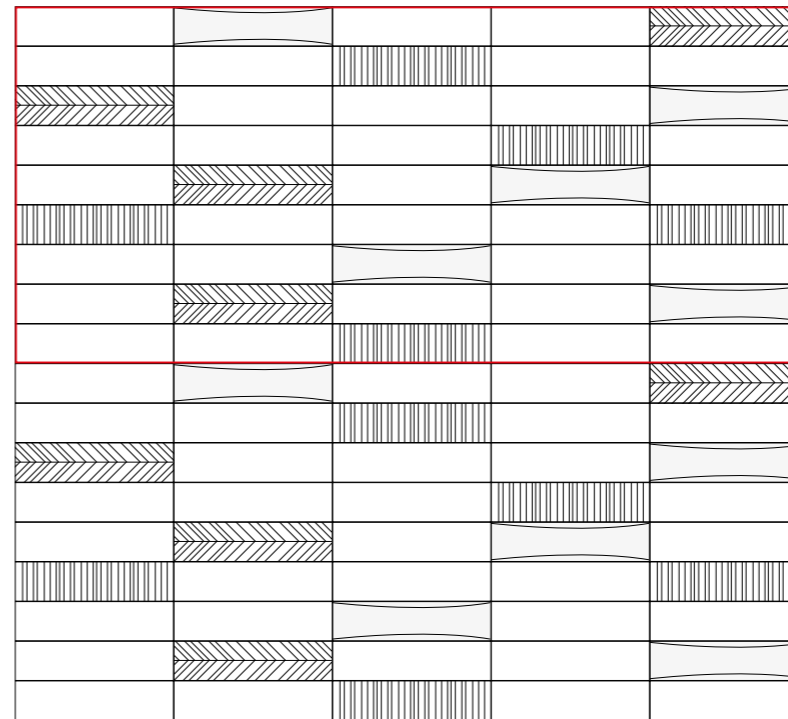
-  soft 66,7%
-  duna 15%
-  line 6,7%
-  chevron 11,6%



SCHEMA





38

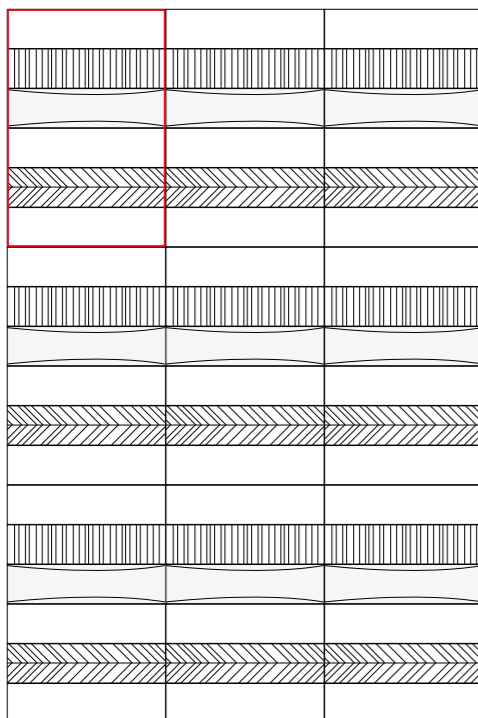
-  soft 68,9%
-  duna 11,1%
-  line 11,1%
-  chevron 8,9%



SCHEMA


36

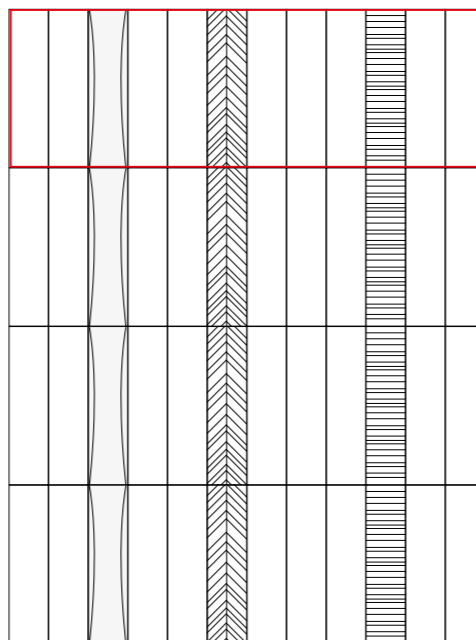
-  soft 50%
-  duna 16,6%
-  line 16,7%
-  chevron 16,7%



SCHEMA





37

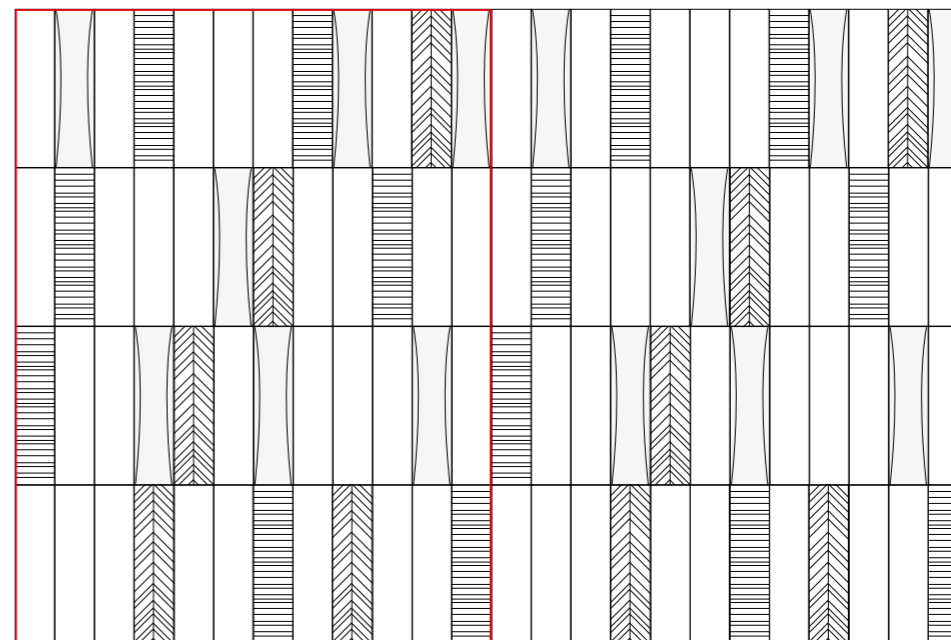
-  soft 75%
-  duna 8,3%
-  line 8,3%
-  chevron 8,4%



SCHEMA

39

-  soft 60,4%
-  duna 14,6%
-  line 14,6%
-  chevron 10,4%



Per una corretta esecuzione dei lavori, si consiglia una posa di almeno 2 mm di fuga. Negli ambienti di grande dimensione è assolutamente necessario posizionare dei giunti di dilatazione con regolarità; mentre, per i piccoli ambienti è sufficiente lasciare un leggero stacco fra piastrellato e muri perimetrali. Sarà poi il battiscopa a coprire lo stacco dando un aspetto di finitura. Si rimanda comunque ai consigli/suggerimenti del progettista o direttore di cantiere. Per l'utilizzo di stucchi epossidici, aggiunte di resine o simili, si consiglia una preventiva prova reale di pulizia. Per una maggiore valenza estetica, suggeriamo l'utilizzo di stucchi in cadenza di colore con la piastrella onde ridurre il contrasto (es. piastrella bianca stucco nero). Dopo la stuccatura delle piastrelle in gres porcellanato è importante, a stucco ancora fresco, rimuovere immediatamente in modo accurato con spugna ed abbondante acqua lo stucco in eccesso. È comunque indispensabile, alcuni giorni dopo la posa, effettuare la pulizia di fondo mediante l'utilizzo di acidi tamponati al fine di sciogliere ed asportare completamente tutti i residui di cantiere.

Per togliere la cera a protezione si consiglia l'utilizzo di prodotti specifici, vedi deceranti abitualmente in commercio e/o acqua calda.

For the proper execution of work, we recommend laying with a minimum joint of 2 mm. In very large areas, it is essential to position expansion joints at regular intervals; whereas, for small areas, it is sufficient to leave a slight gap between the tiled area and the perimeter walls. The skirting board will cover the gap, lending a finished appearance. In any event, follow the advice/suggestions of the designer or site manager. To use epoxy grouts, additions of resin or the like, it is advisable to carry out a true preparatory cleaning test. For better appearance, we suggest using grouts in a shade matching the colour of the tile in order to reduce contrast (e.g. white tile and black grout). After you have grouted tiles in porcelain stoneware, while the grout is still fresh, it is important, to immediately and carefully remove excess grout, with a sponge and plenty of water. However, several days after laying, it is necessary to clean thoroughly by means of buffered acids in order to dissolve and fully remove site residues.

Pour assurer une exécution correcte des travaux, il est conseillé de réaliser une pose avec un joint de 2 mm. au minimum. Dans les grands espaces, il est absolument nécessaire de placer des joints de dilatation à distance régulière, tandis que dans les petits espaces, il suffit de laisser une légère distance entre le carrelage et les murs de périmètre. La plinthe viendra ensuite recouvrir cette petite distance et assurera la finition. Respecter en tout cas les conseils/suggestions du concepteur ou du directeur de chantier. Pour l'utilisation de mastics époxy, les adjonctions de résines ou autres produits, il est conseillé d'effectuer préalablement un test de nettoyage. Pour une meilleure esthétique, nous suggérons l'utilisation de mastics dans les tonalités du carrelage afin de réduire le contraste (exemple : carreaux blancs et mastic noir). Après le masticage des carreaux de grès cérame, il est important, lorsque le mastic est encore frais, d'éliminer tout de suite soigneusement les excès de mastic avec une éponge et beaucoup d'eau. Il est en tout cas indispensable, plusieurs jours après la pose, de procéder à un nettoyage de fond en utilisant des acides tamponnés afin de dissoudre et d'éliminer complètement tous les résidus de chantier.

Pour éliminer la cire de protection, il est conseillé d'utiliser des produits spécifiques, comme les décapants cire habituellement en vente dans le commerce, et/ou de l'eau chaude.

Für eine korrekte Ausführung der Arbeiten wird die Verlegung mit einer Fugenbreite von mindestens 2 mm empfohlen. Bei großen Räumen müssen die Dehnungsfugen regelmäßig positioniert werden, während es bei kleinen Räumen ausreicht, wenn man einen kleinen Abstand zwischen den Fliesen und den Wänden einhält. Dieser Freiraum wird dann von der Fußleiste verdeckt und somit geschlossen. Es wird in jedem Fall auf die Tipps/Empfehlungen des Planers oder Baustellenleiters verwiesen. Für die Verwendung von Epoxidstuck, den Zusatz von Harten oder Ähnlichem, sollte zuerst ein echter Reinigungstest vorgenommen werden. Für schöneres Aussehen empfehlen wir die Verwendung von Stuck, der farblich auf die Fliesen abgestimmt ist, um den Kontrast zu verringern (z.B. weiße Fliese, schwarzer Stuck). Nach dem Verfugen der Feinsteinzeugfliesen ist es wichtig, dass der noch frische Stuck sofort und gründlich mit einem Schwamm und reichlich Wasser entfernt wird. In jedem Fall muss einige Tage nach der Verlegung eine gründliche Reinigung mit Säure – die aufgetupft wird – ausgeführt werden, um alle Reste der Baustellenarbeiten zu lösen und zu beseitigen.

Um das Schutzwachs zu entfernen, wird die Verwendung spezifischer Produkte empfohlen, wie handelsübliche Wachslöser bzw. warmes Wasser.

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**ELIOS**  
ceramica

ELIOS CERAMICA  
Via Giardini, 58  
41042 Fiorano Modenese  
(Modena) Italy  
T +39 0536 842411  
F +39 0536 842450  
info@eliosceramica.com  
www.eliosceramica.com

