

1

**TOGAMA** #18  
MORE THAN MOSAIC

## Más que mosaico

En TOGAMA combinamos Arte y Tecnología.

Más que una fábrica de mosaico, somos una empresa que continuamente toma el pulso a la vanguardia para ofrecer un producto que está por encima de las expectativas técnicas y de estilo que nos exigen los profesionales.

Por ello, más que un producto, ofrecemos un modo de entender el espacio urbano y doméstico dentro del marco de la alta decoración, apostamos por un estilo de vida personalizado donde la preocupación por el detalle y la sensibilidad ante las nuevas tendencias son nuestra filosofía de producto.

En TOGAMA entendemos que el diseño es un valor añadido que nos diferencia del resto, que es una impronta que queda latente en cada uno de los proyectos que desarrollamos, y que es el ingrediente necesario para que generemos espacios con vida propia.

## More than mosaic

Togama combines art and technology.

Rather than a factory producing glass mosaic, we are a company that continually takes the pulse of the avant-garde, offering a product that is above expectations and stylistic techniques required by professionals.

Therefore, rather than a product, we offer a way of understanding urban and domestic space within the framework of high decoration, opting for a personalized lifestyle, where concern for detail and an awareness of new trends is our philosophy.

At Togama, we understand that design is an added value that allows us to make a difference, a mark that remains latent in each of the projects we develop, and that is the necessary ingredient for us to generate living spaces .

## Mehr als Mosaik

Togama verbindet Kunst und Technologie.

Mehr als ein Glasmosaik - Werk, sind wir ein Unternehmen, das immer am Puls der Avantgarde ist, mit einem Produkt, das stets über den Erwartungen und stilistischen Techniken liegt, die die Fachleute heutzutage fordern.

Daher, eher als ein Produkt, bieten wir eine Möglichkeit des Verständnisses von urbanem und häuslichem Raum im Rahmen der Spitzendekoration. Mit einem persönlichen Lebensstil, in dem die Liebe zum Detail und ein Bewusstsein für neue Trends vorrangig ist.

Wir bei Togama glauben, dass Design ein Mehrwert ist, der uns von der Masse unterscheidet, ein Merkmal, das latent in jedem der Projekte, die wir entwickeln ist und bleibt, und nötig ist, um Räume voller Leben zu schaffen.

## Plus que des émaux

À Togama, nous combinons l'Art et la Technologie.

Plus qu'un firm fabricant d'émaux de verre, nous sommes une entreprise constamment à l'avant-garde afin d'offrir un produit qui se place au-delà des attentes techniques et de style que les professionnels nous exigent.

C'est justement pour ça, que plus qu'un produit, nous offrons une nouvelle façon de comprendre l'espace urbain et domestique dans le cadre de la haute décoration, nous partons de la base d'un style de vie personnalisé dont le valeur aux détails et la sensibilité face les nouvelles tendances sont notre philosophie de produit.

À Togama, nous pensons que le design est une valeur ajoutée qui nous distingue du reste, un sceau d'identité qui reste latent à chacun des projets que nous développons et qui constitue l'ingrédient nécessaire pour nous permettre de créer des espaces pleins de vie.

## Expansión internacional

INTERNATIONAL EXPANSION  
EXPANSION INTERNATIONALE  
INTERNATIONALE EXPANSION

## Diseño

DESIGN  
CONCEPTION  
DESIGN

## Servicio

SERVICE  
SERVICE  
SERVICE

## Valor humano

HUMAN VALUE  
VALEUR HUMAIN  
MENSCHLICHER WERT

## Sostenibilidad

SOSTENIBILITÄT  
ENVIRONMENT  
UMWELTFREUNDLICH

## Calidad

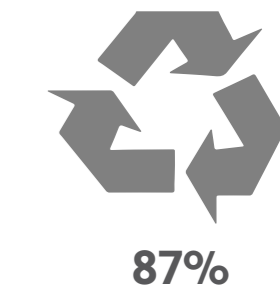
QUALITY  
QUALITÉ  
QUALITÄT

## Transparencia

TRANSPARENCE  
TRANSPARENCE  
TRANSPARENZ

## Respeto

RESPECT  
RESPECT  
RESPEKT



**TOGAMA**  
MORE THAN MOSAIC

07	5x5 IRON
21	GEA
31	PASSPORT
47	POOL SPA & WELLNESS
53	COLOURS
65	5x5
71	SILK
85	SPECIALS
91	CUSTOM DESIGN
105	PROJECTS
165	TECHNICAL FEATURES
173	PACKING LIST

**TOGAMA**  
MORE THAN MOSAIC

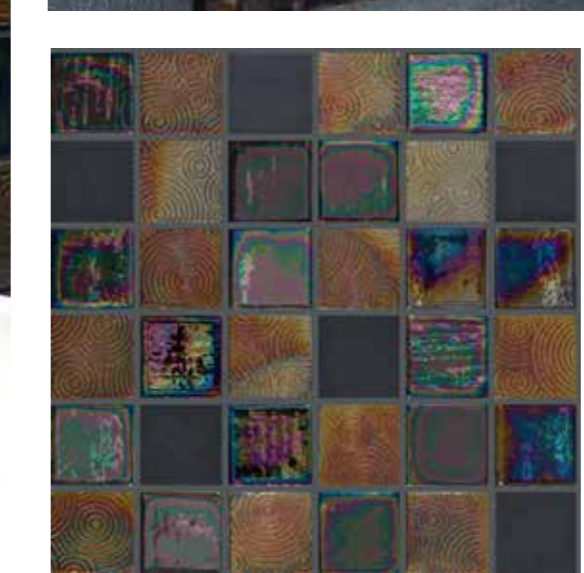
5 x 5

I R

5 x 5

IRON









**OXID**  
B-10





**BRONZE**  
B-10

PG.13





**COPPER**  
B-9

PG.15





SILVER  
B-10





**STEEL**  
B-9

PG.19

**TOGAMA**  
MORE THAN MOSAIC

**G** **E** **G E A**  
GLASS EARTH ART









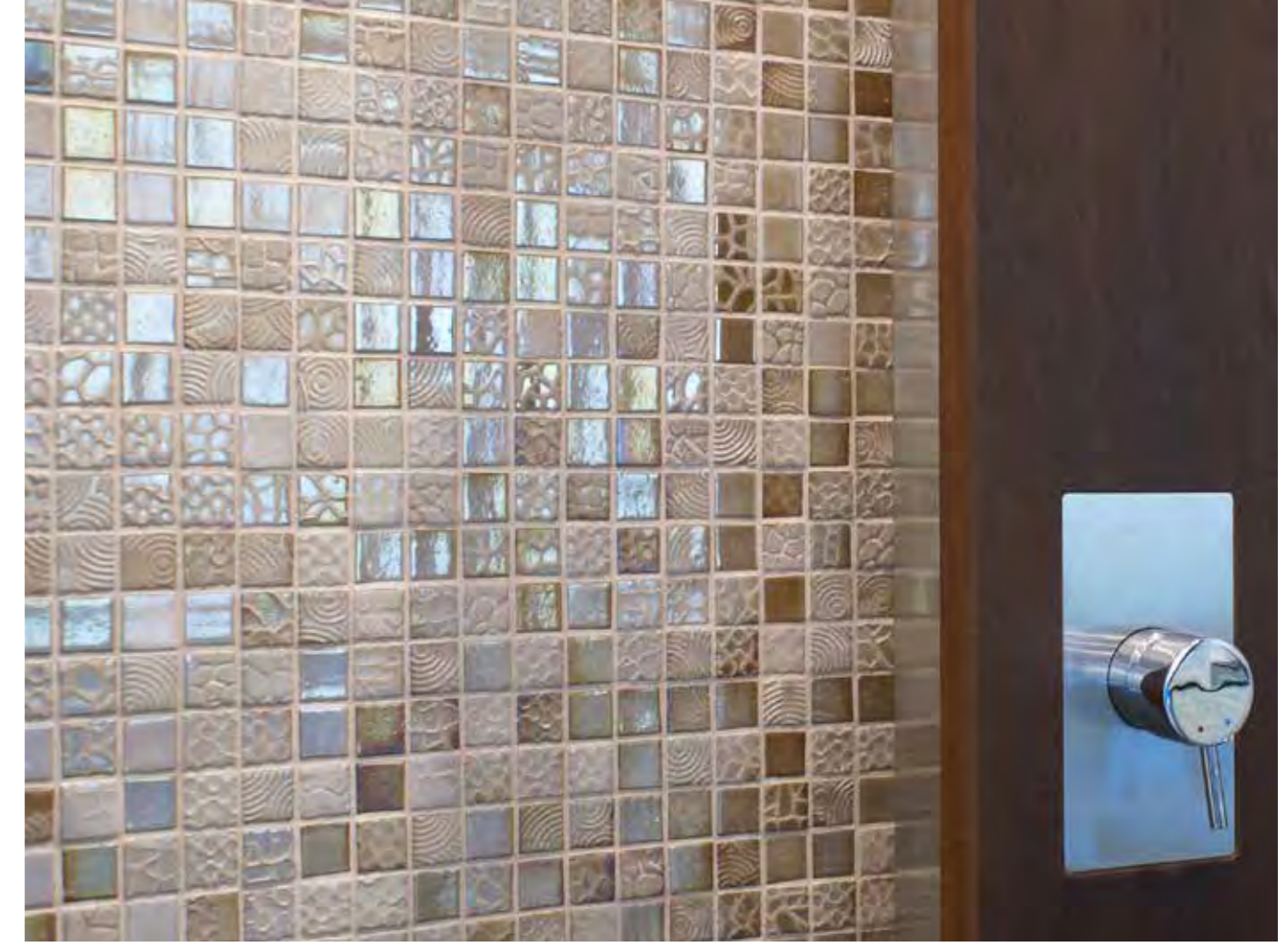
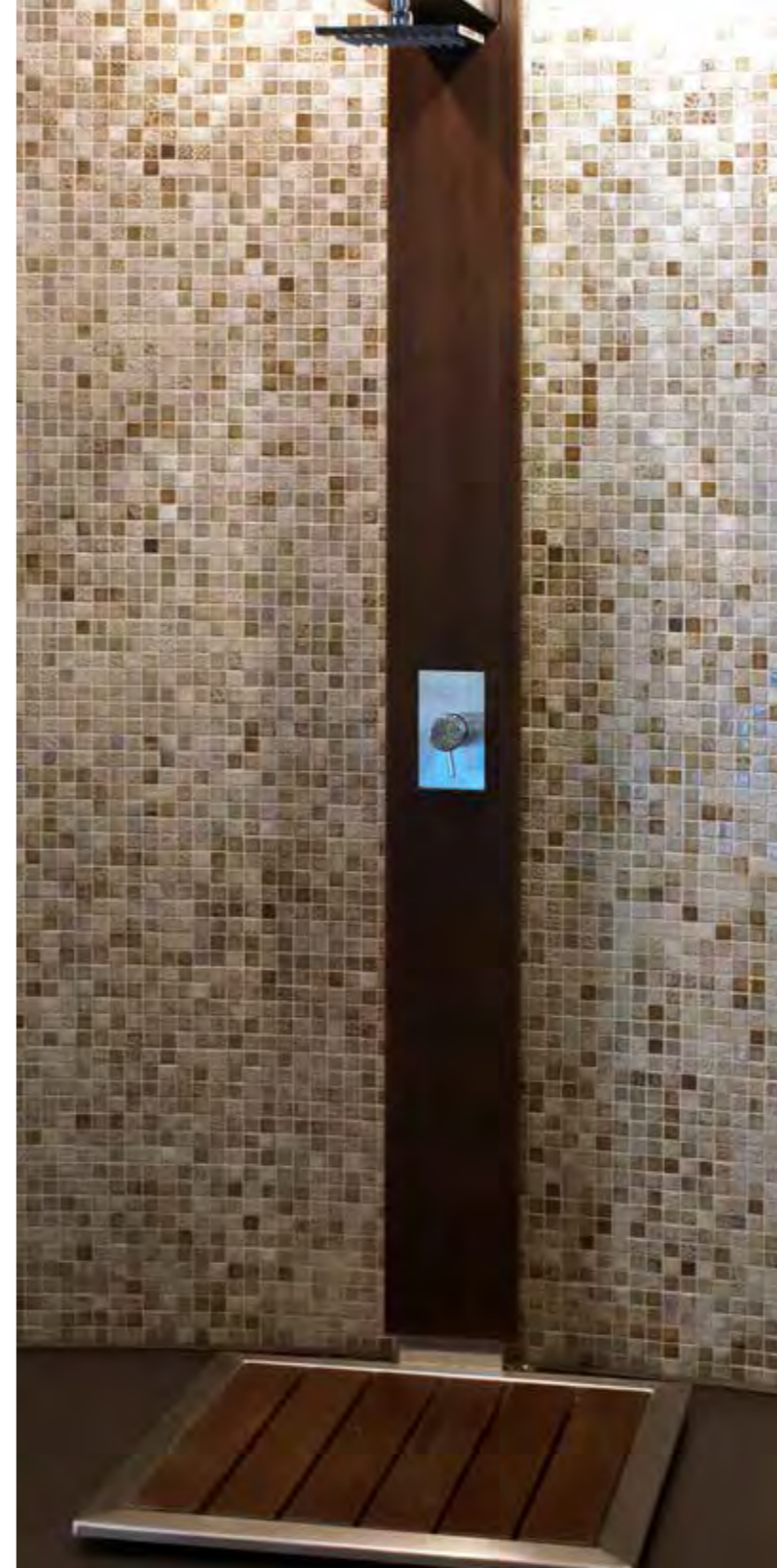
ATLAS  
D-2





**HERMES**  
D-2





**APOLLO**  
D-2

PG.29



**TOGAMA**  
MORE THAN MOSAIC

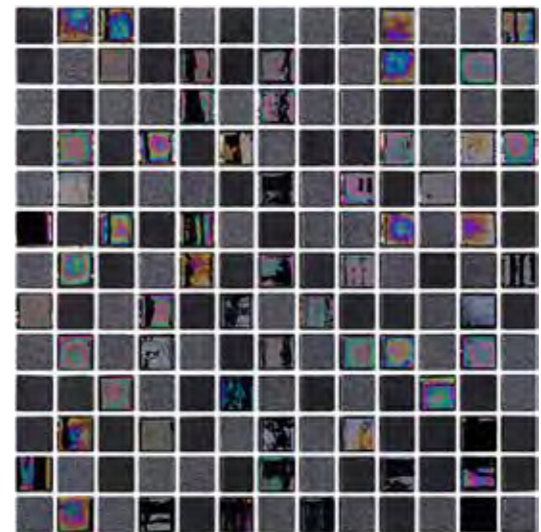




**Bali**  
33% G320 / 33% MT04 / 33% G328  
**L-4**

**PARIS**  
33% G305 / 33% MT04 / 33% NIEBLA BLANCO  
**L-4**





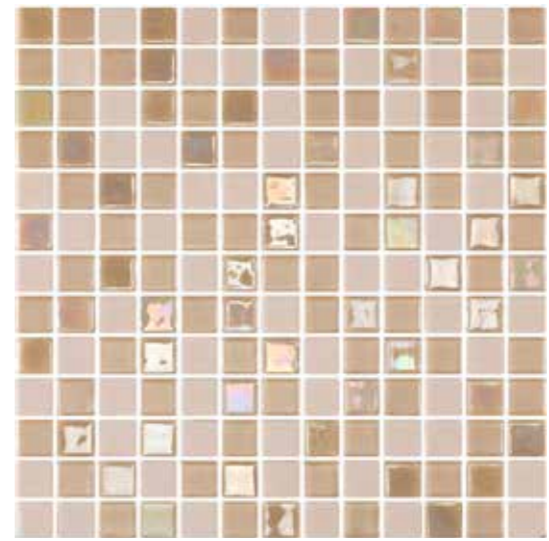
# Sydney

33% NIEBLA BLANCO / 33% MT01 / 33% G328  
L-4

# Tokyo

33% MA09 / 33% MT05 / 33% G312  
L-5





# Durban

33% MA14 / 33% MT08 / 33% G330  
L-5

# Milan

33% MA13 / 33% MT07 / 33% G329  
L-5



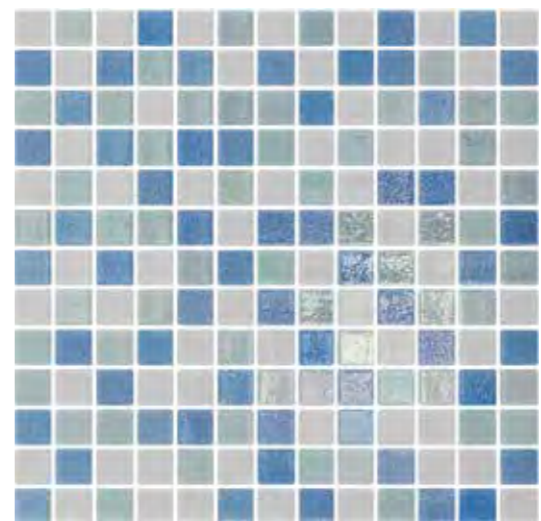
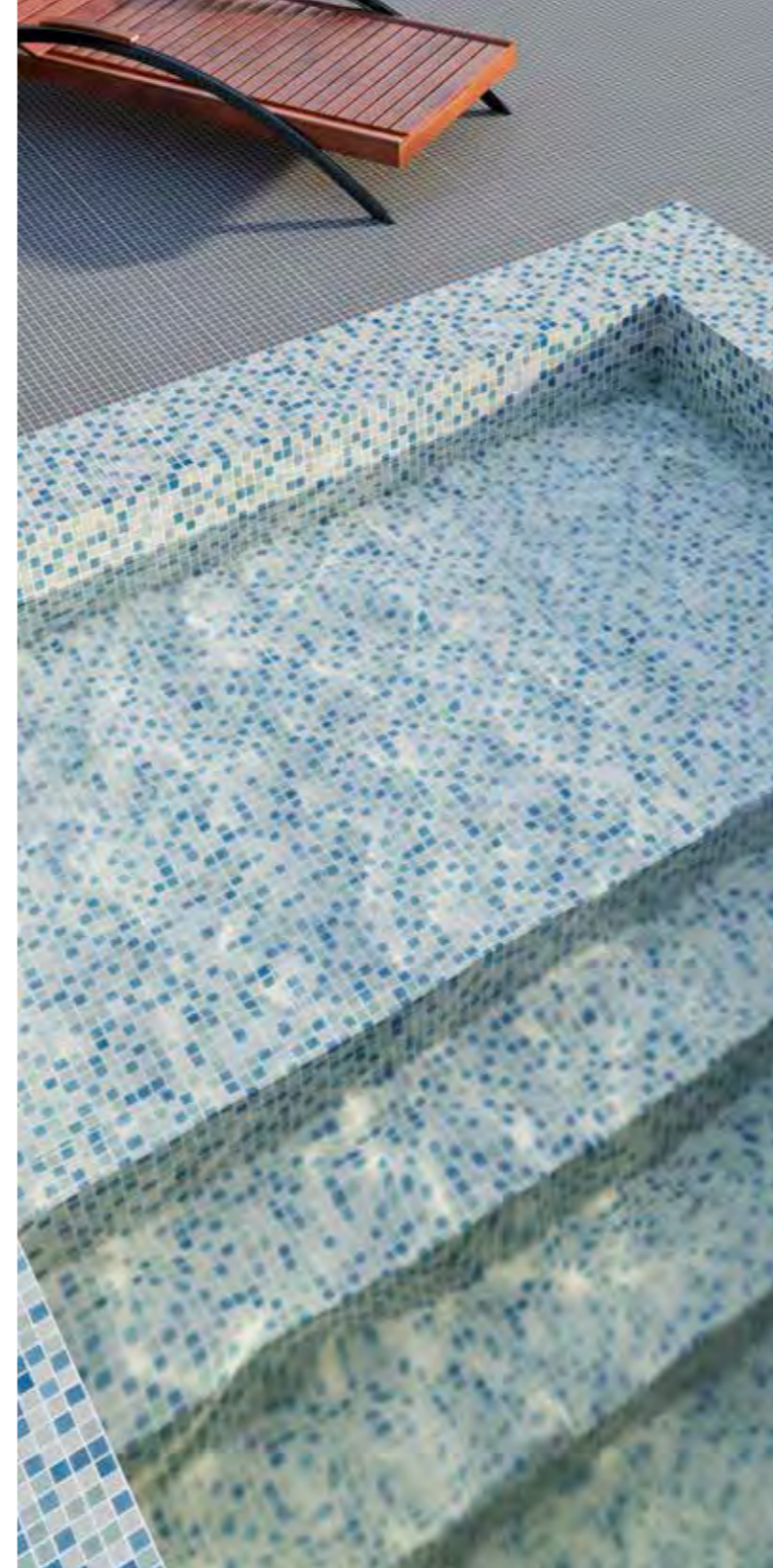


**MONTREAL**  
80% BLANCO / 20% G305  
L-3



*Boston*  
33% MT01 / 33% G311 / 33% BLANCO  
L-4





# ADRIATIC

33% G322 / 33% G305 / 33% NIEBLA FUERTE

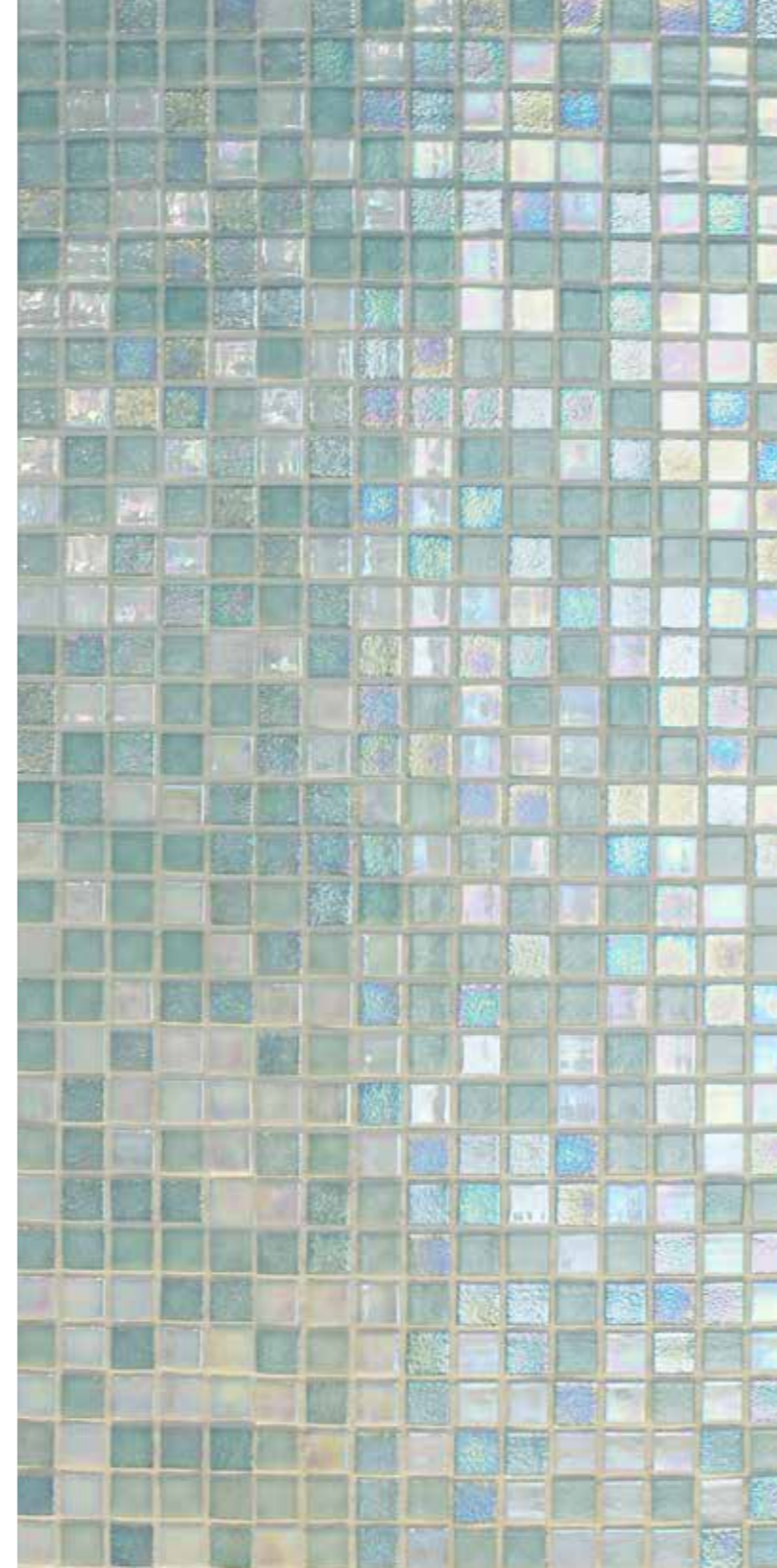
L-4

# BALTIC

33% G322 / 33% G320 / 33% BLANCO

L-4



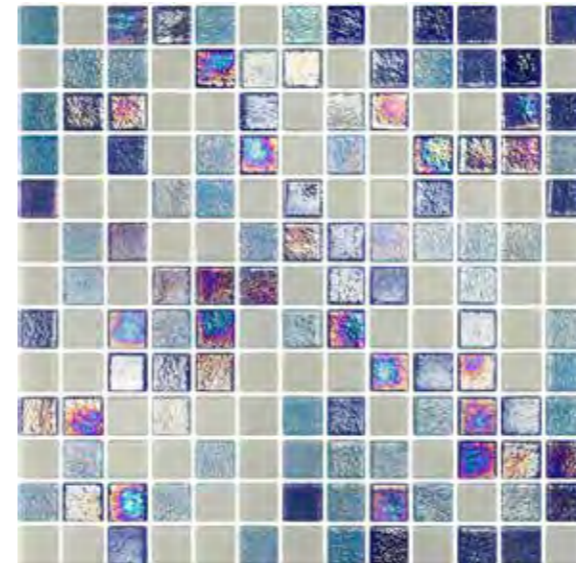


# BAHAMAS

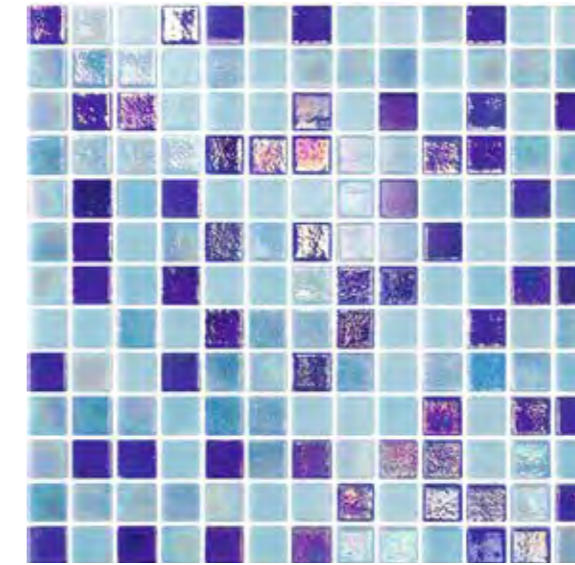
33% G320 / 33% G305 / 33% NIEBLA MENTA

L-4

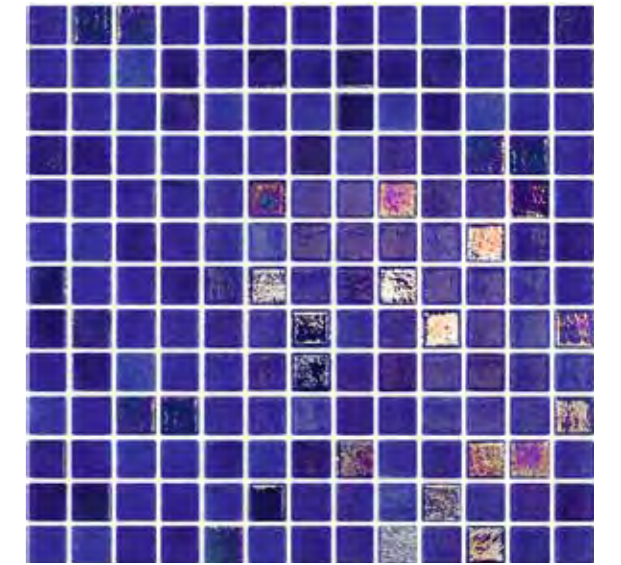




ARTIC L-4 33% G325 / 33% G322 / 33% NIEBLA BLANCO



PACIFIC L-4 33% G325 / 33% G322 / 33% NIEBLA PISCINA



INDICO L-3 20% G325 / 80% NIEBLA FUERTE



MURANO L-3 80% 202 / 20% G326



BAHIA L-4 60% 203 / 20% G326 / 20% 211



MARTINIQUE L-3 20% G320 / 80% NIEBLA MENTA

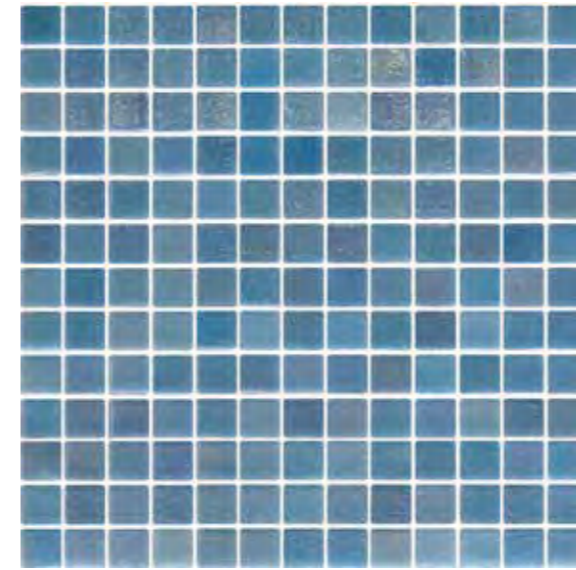
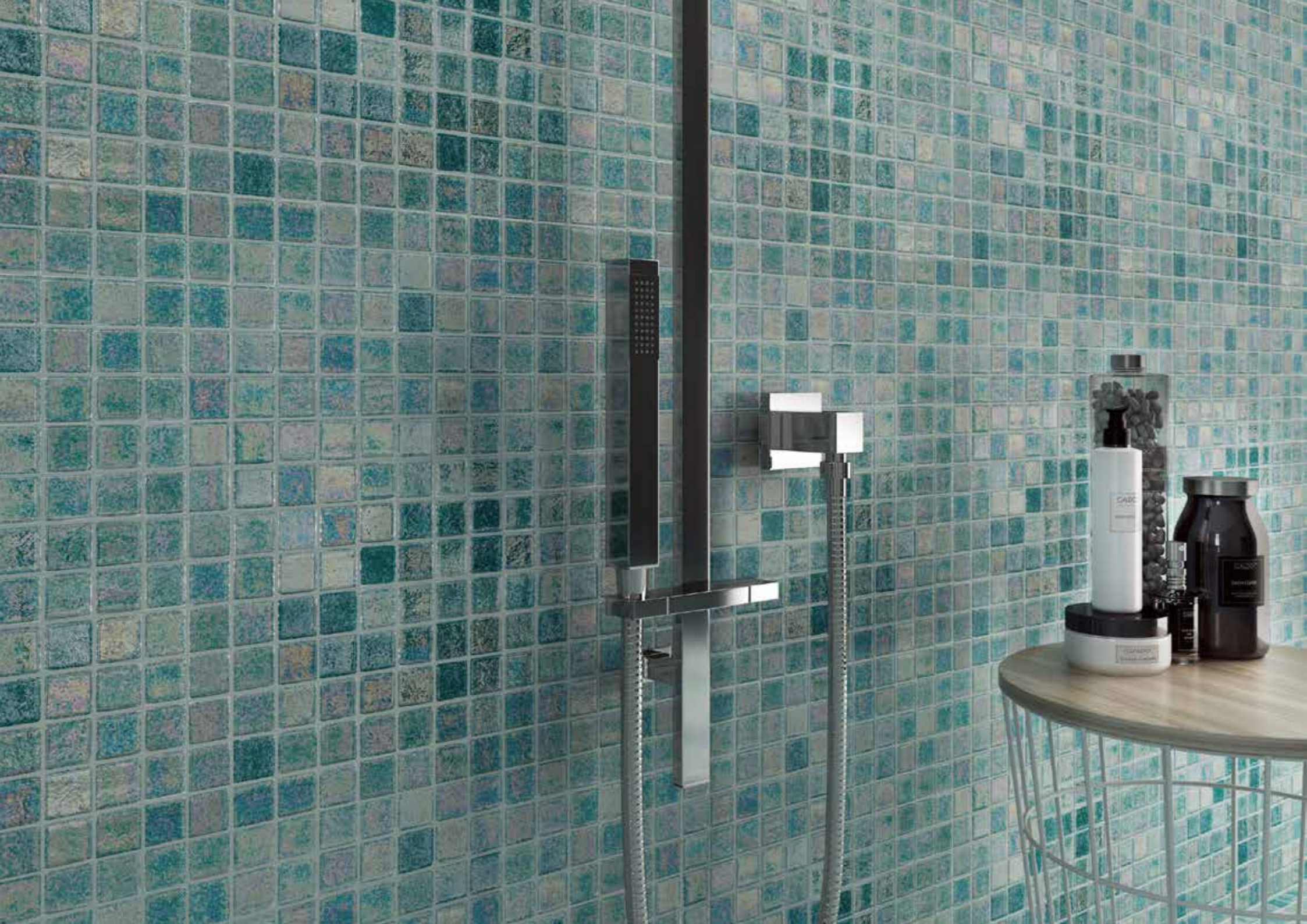


**TOGAMA**  
MORE THAN MOSAIC

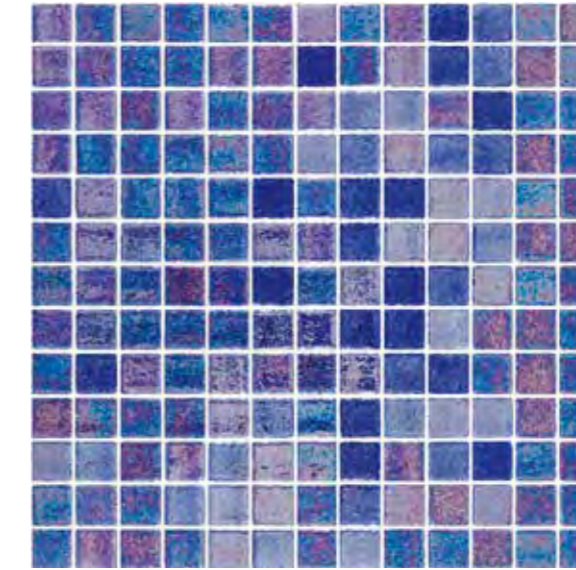
# Pool-Spa & Wellness

POOL - SPA & WELLNESS

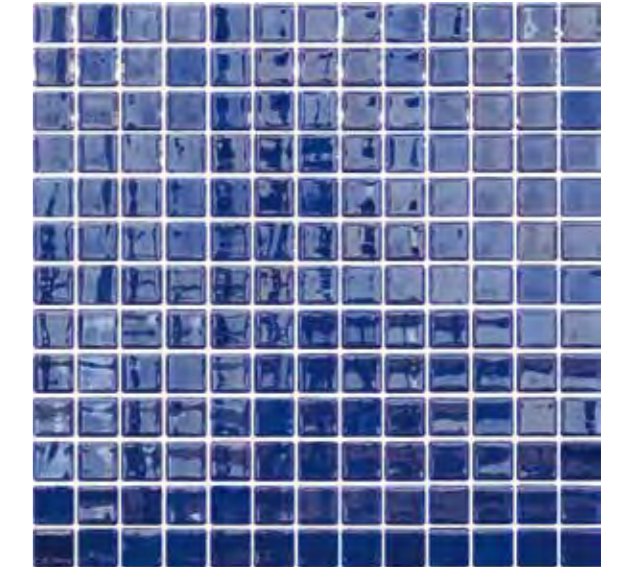




G 322  
C-1



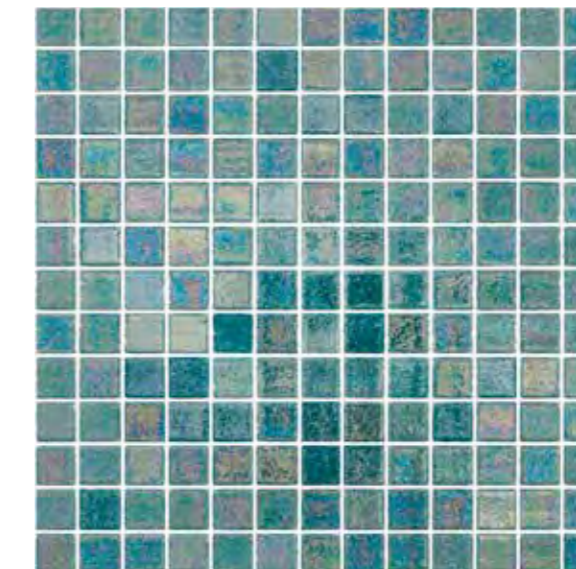
G 325  
C-1



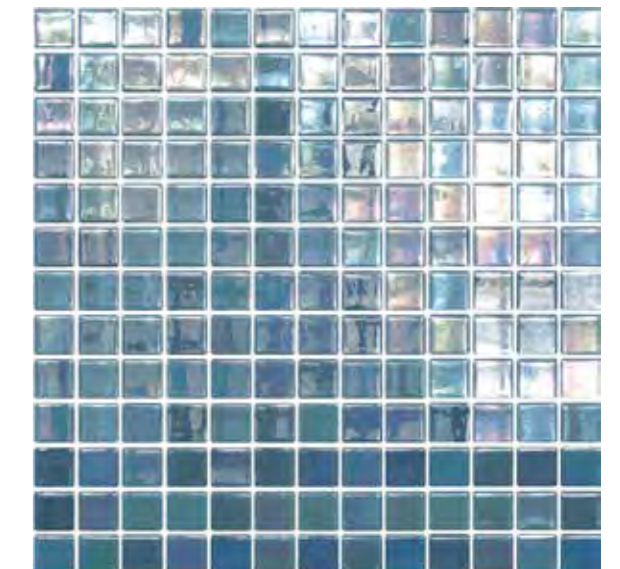
G 308  
C-3



G 320  
C-1



G 326  
C-1



G 306  
C-3

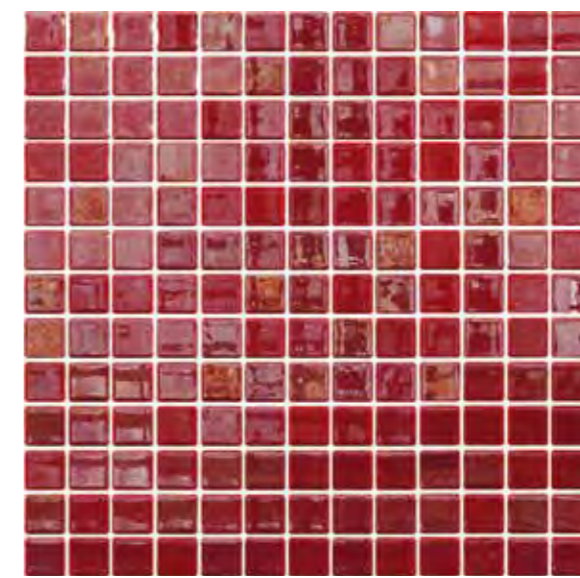




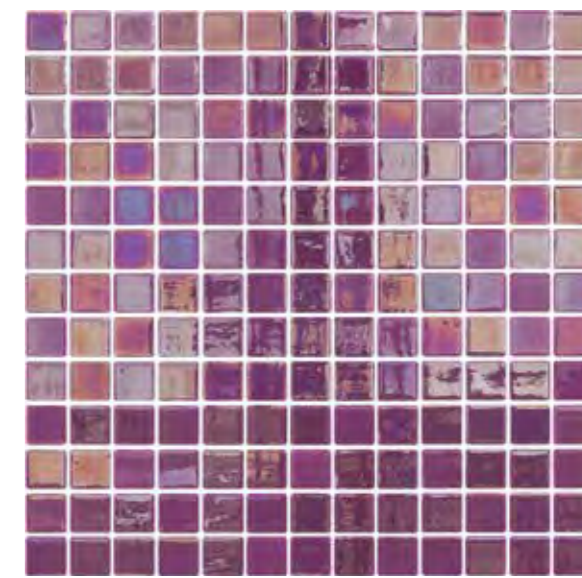
G 328  
C-1



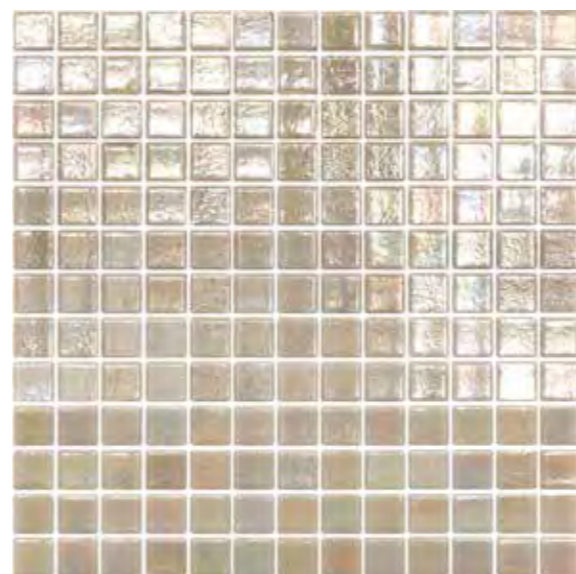
G 305  
C-2



G 303  
C-4



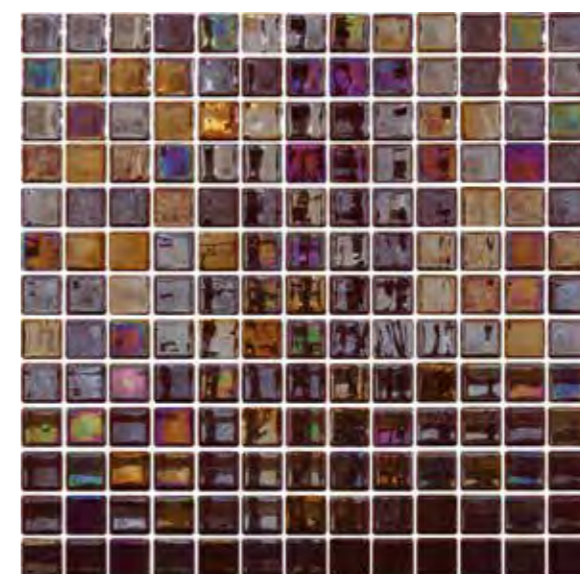
G 310  
C-3



G 321  
C-1



G 311  
C-3



G 304  
C-3



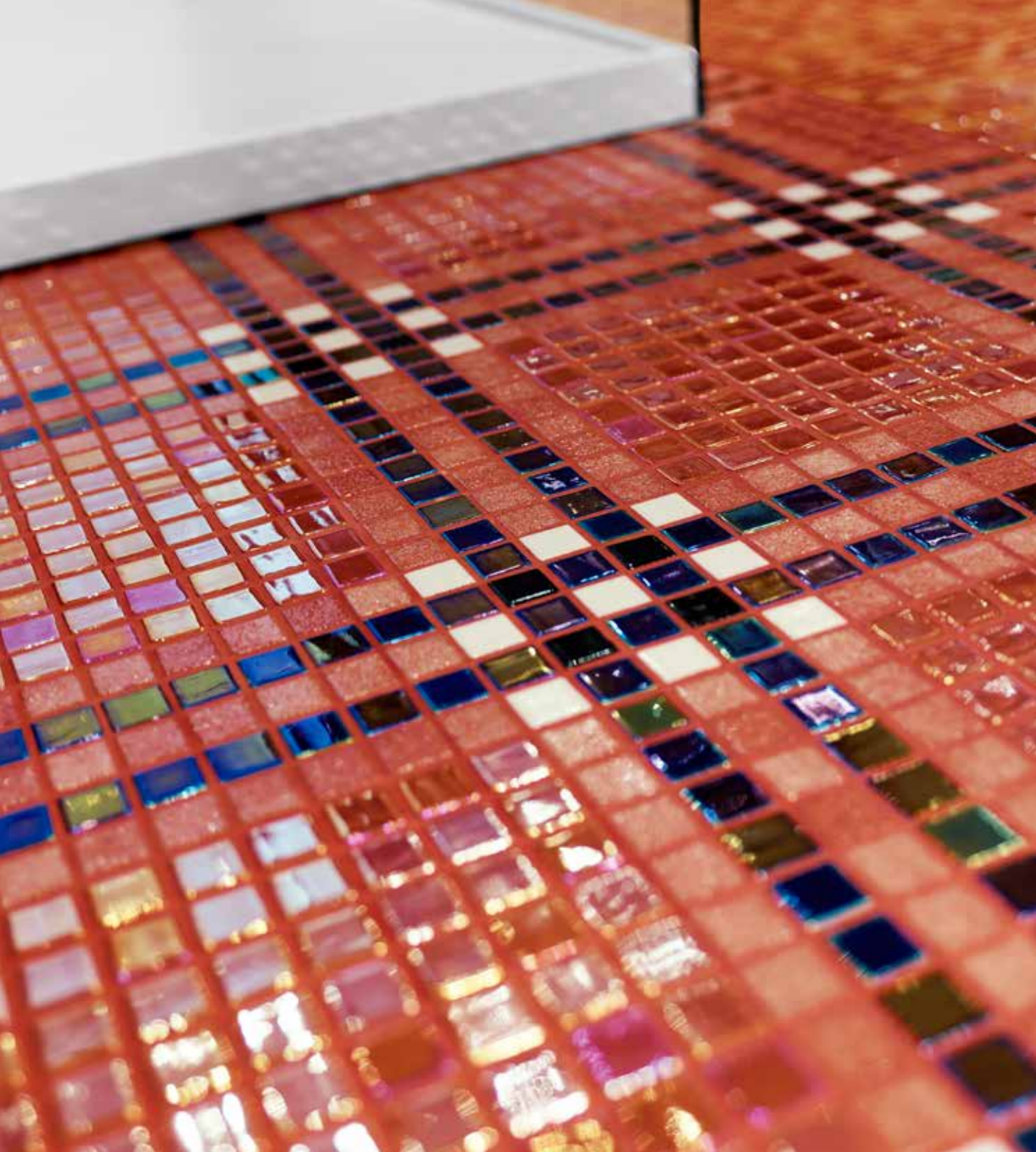
G 312  
C-3



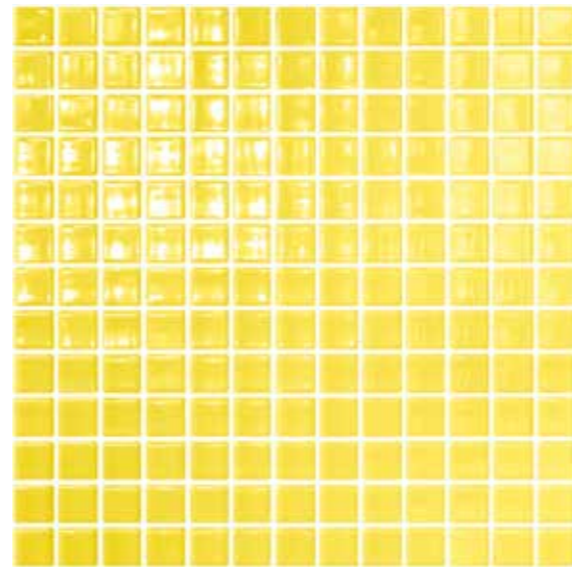
**TOGAMA**  
MORE THAN MOSAIC

COLOURS

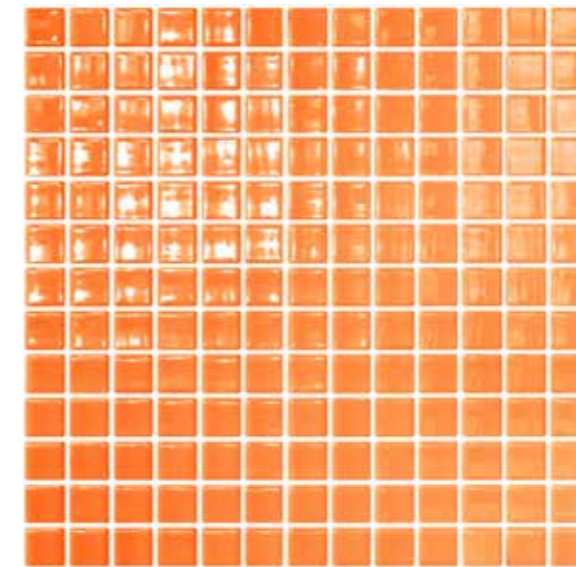




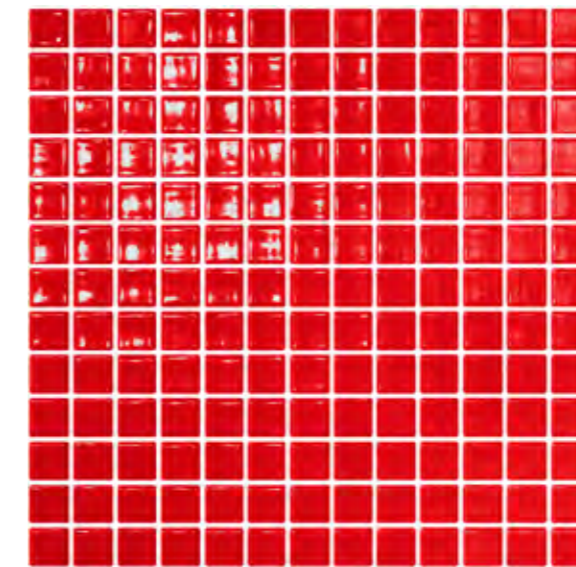
LISOS · PLAINS



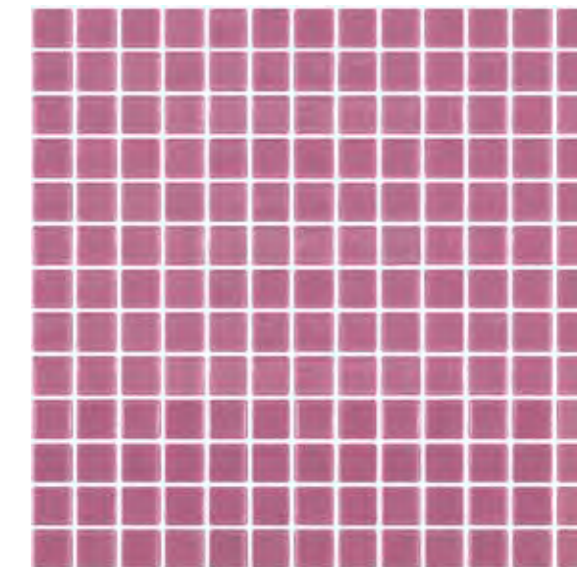
AMARILLO  
A-8



NARANJA  
A-8

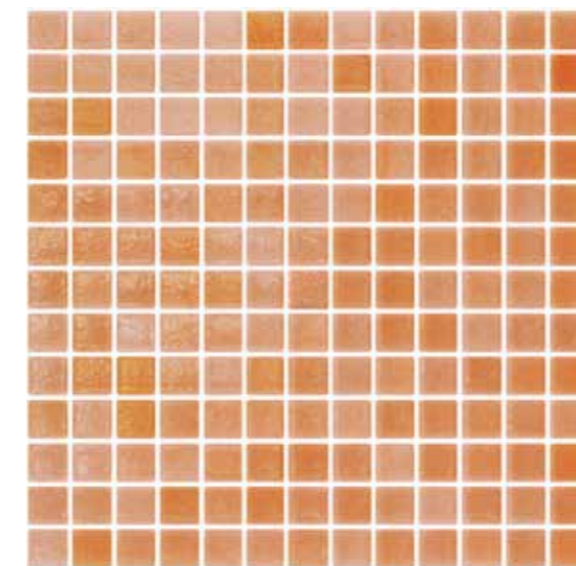


ROJO  
A-9

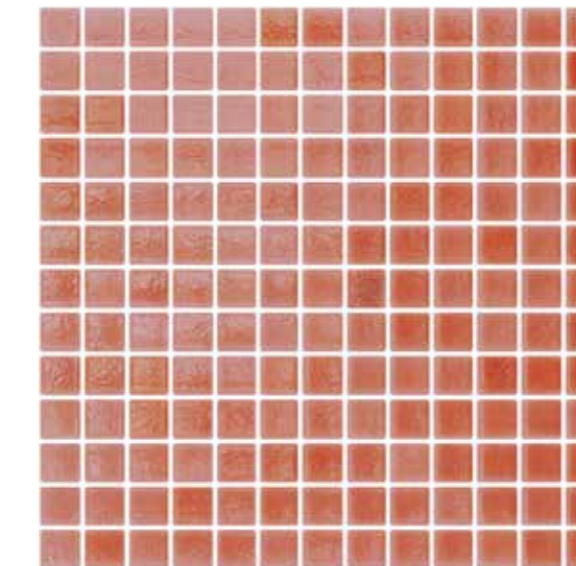


268  
A-6

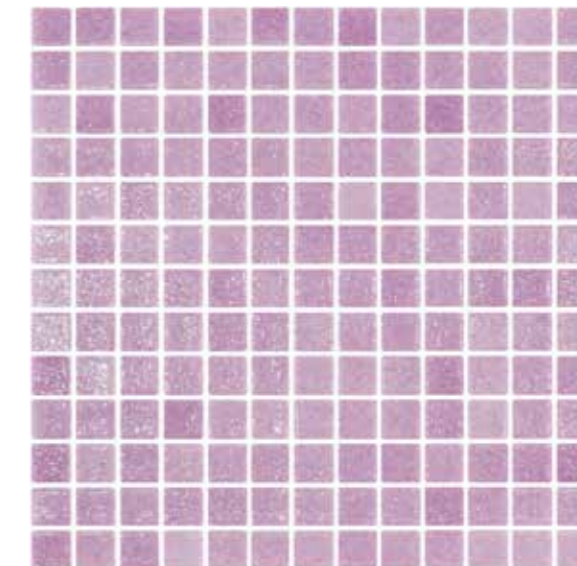
NIEBLA · FOGGY



NIEBLA NARANJA  
A-6



NIEBLA ROJO  
A-6

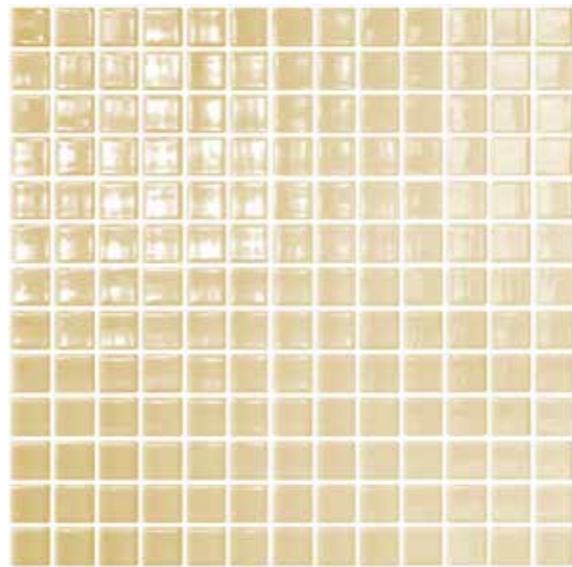


210  
A-5

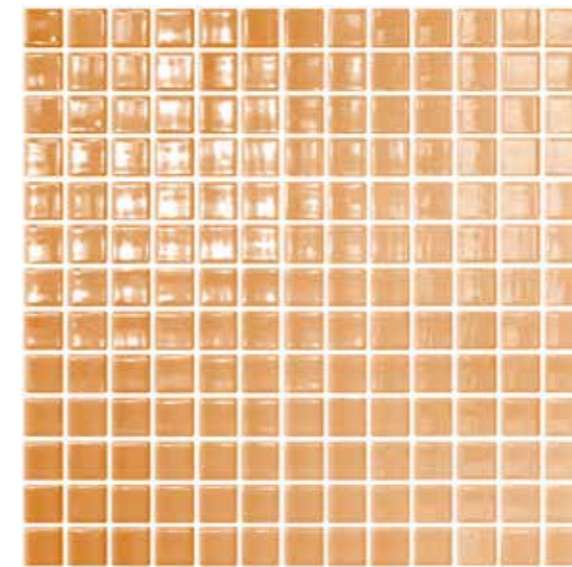




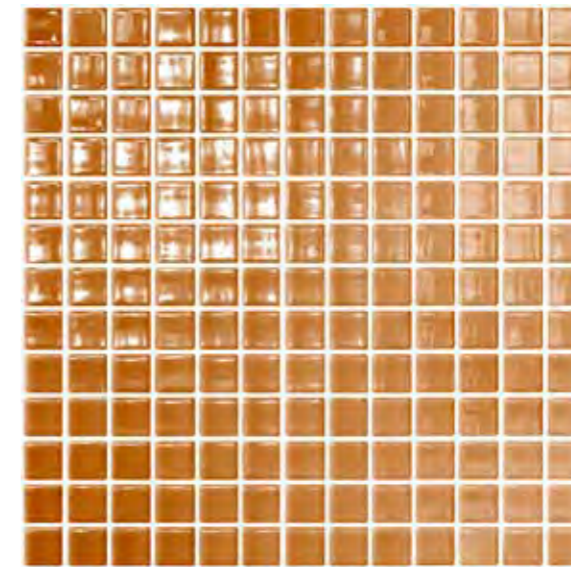
LISOS · PLAINS



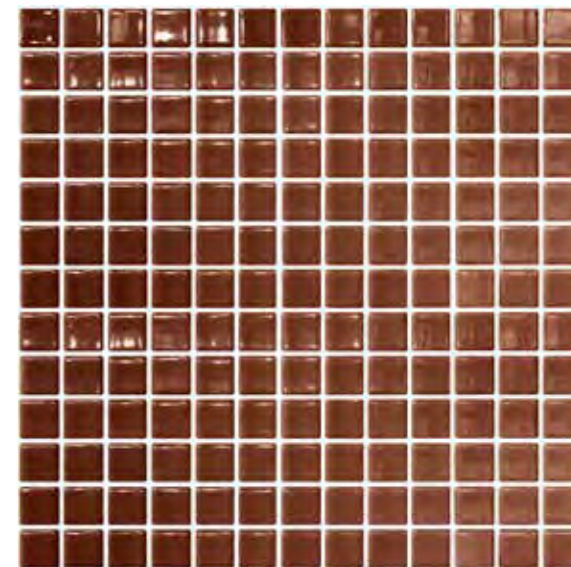
CREMA  
A-5



256  
A-5

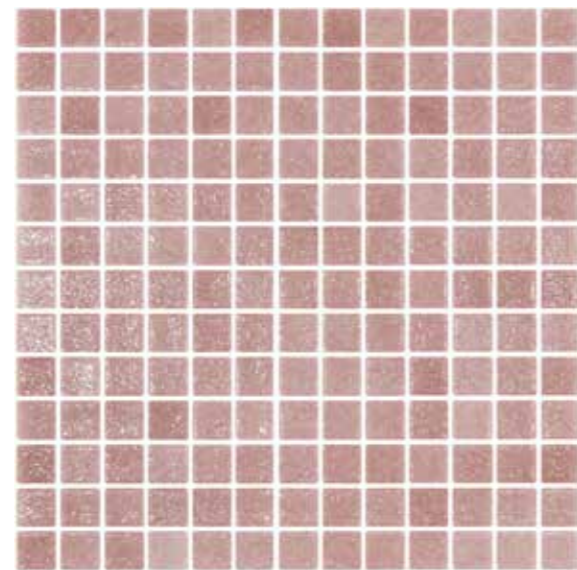


273  
A-6

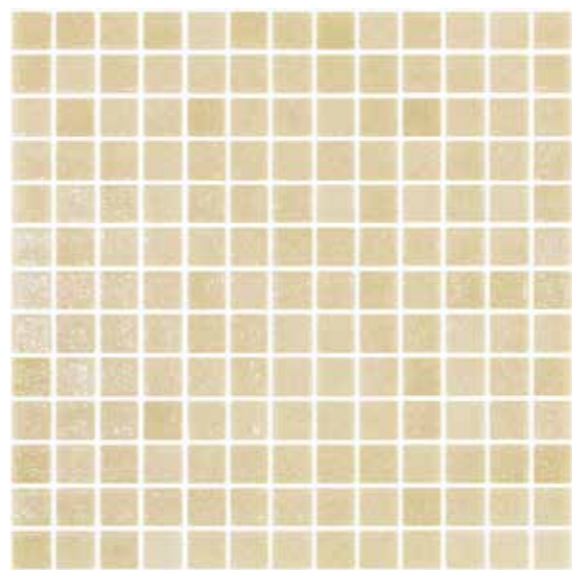


277  
A-6

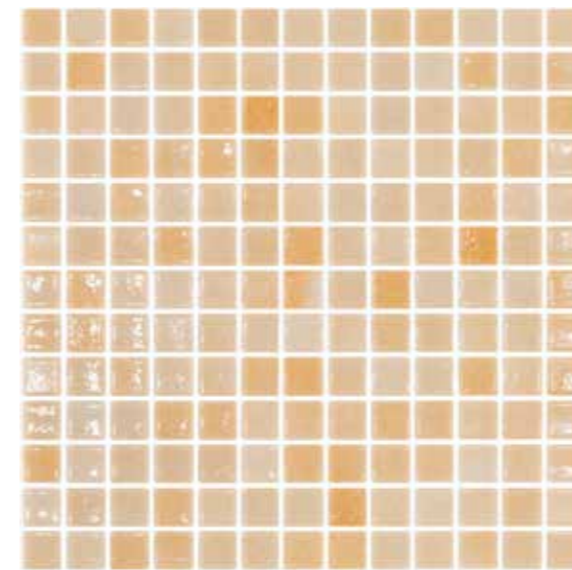
NIEBLA · FOGGY



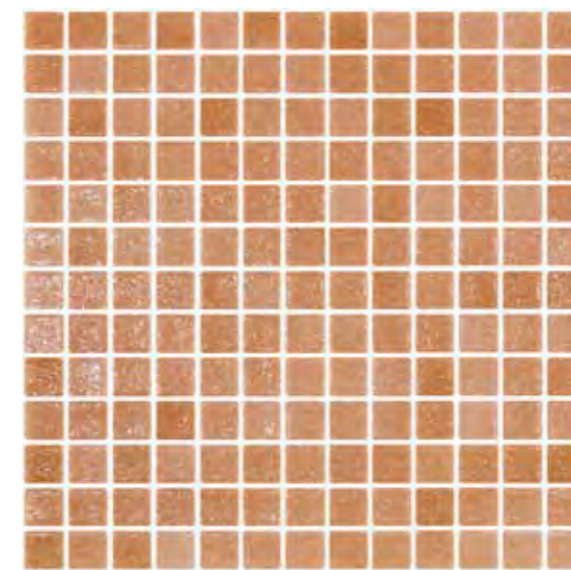
205  
A-4



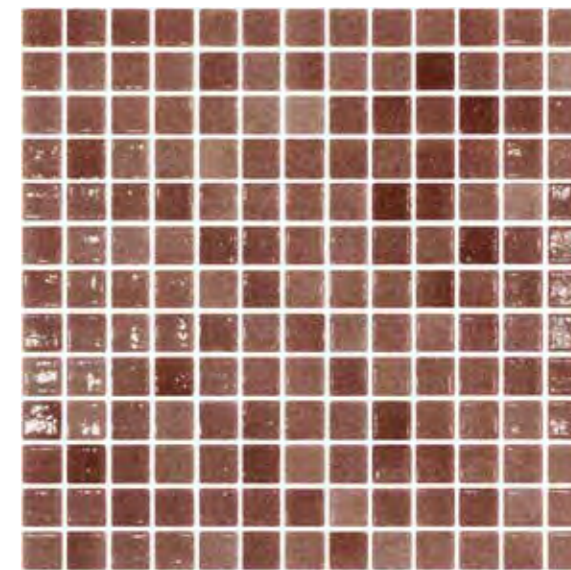
214  
A-5



206  
A-4



213  
A-5

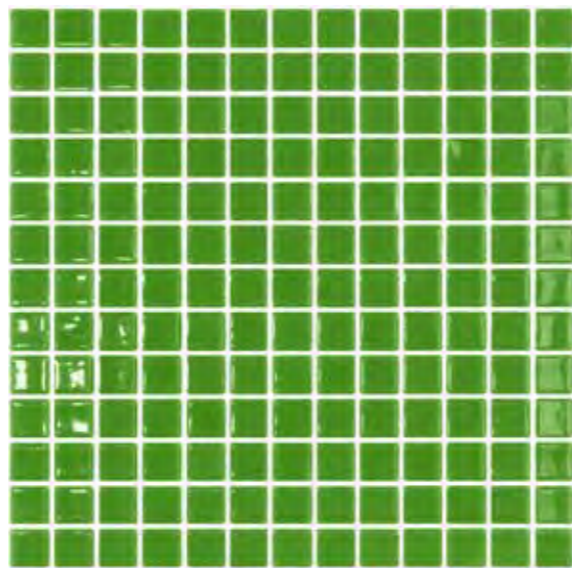


217  
A-5

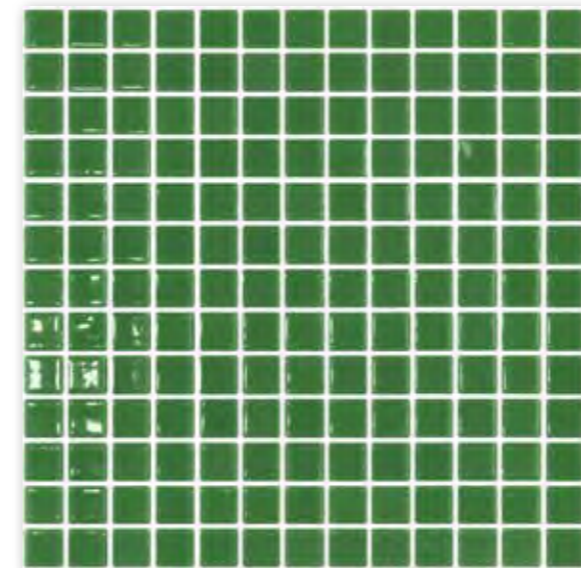




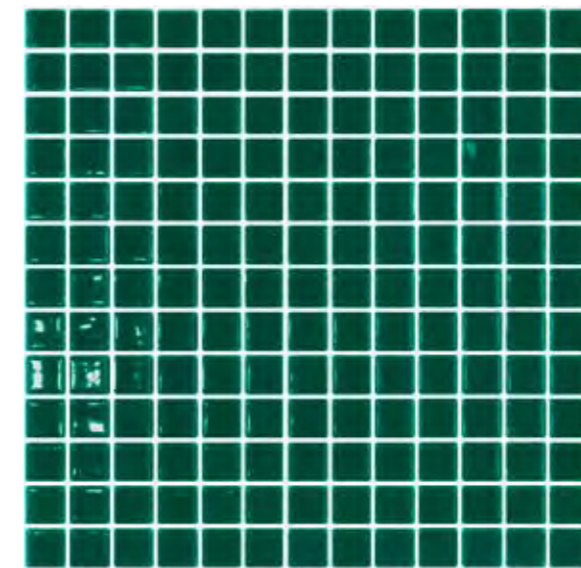
LISOS · PLAINS



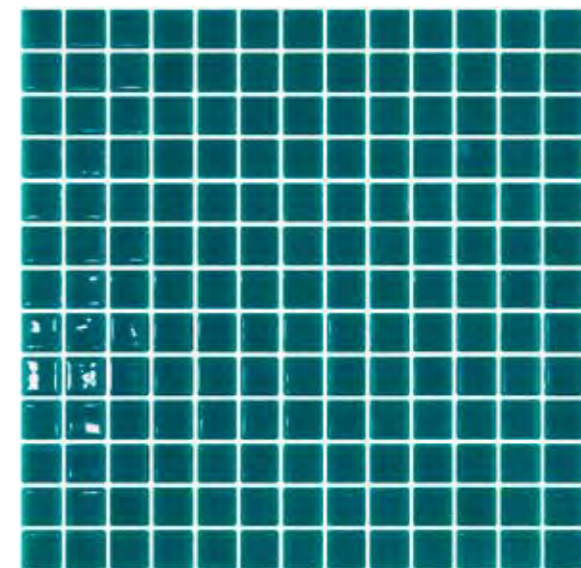
271  
A-6



254  
A-5

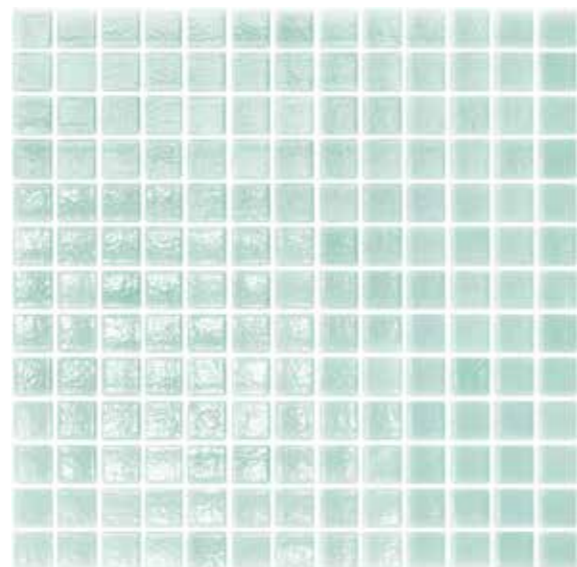


253  
A-5

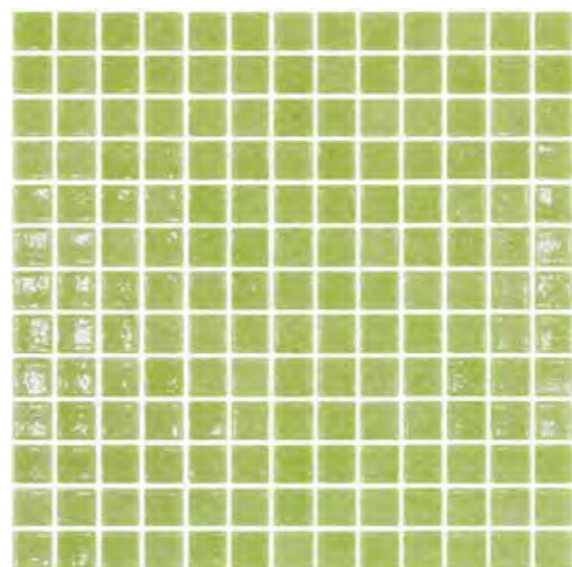


252  
A-5

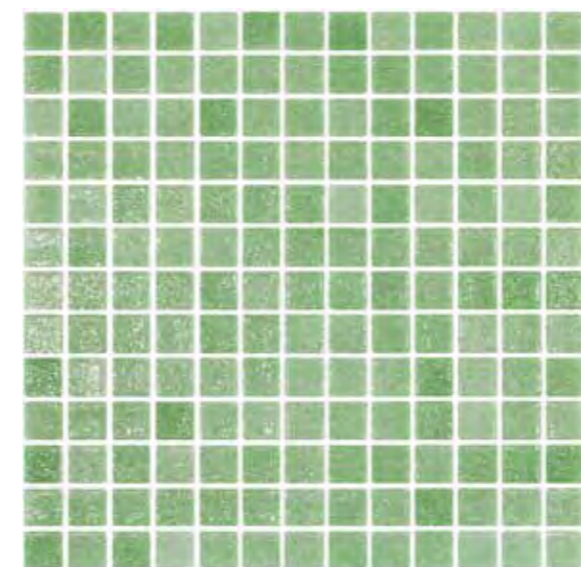
NIEBLA · FOGGY



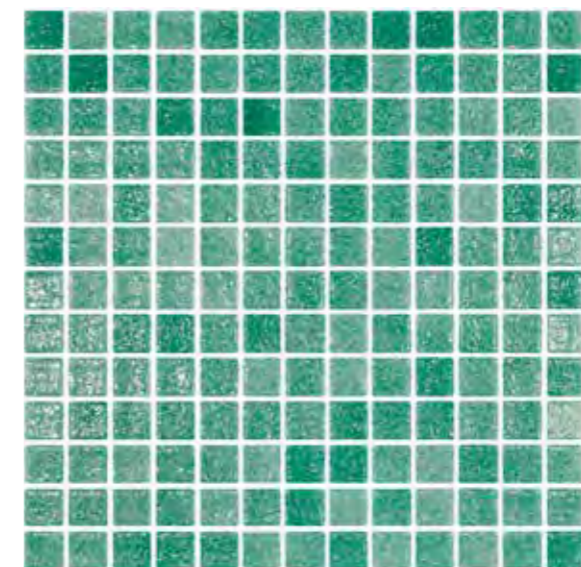
NIEBLA MENTA  
A-4



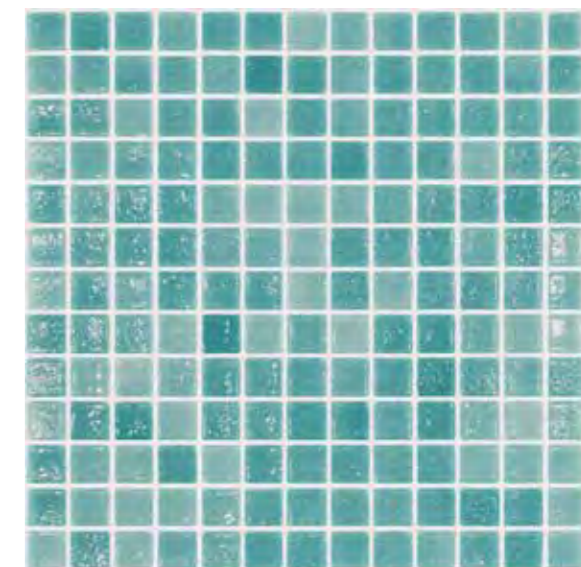
211  
A-5



204  
A-4



203  
A-4

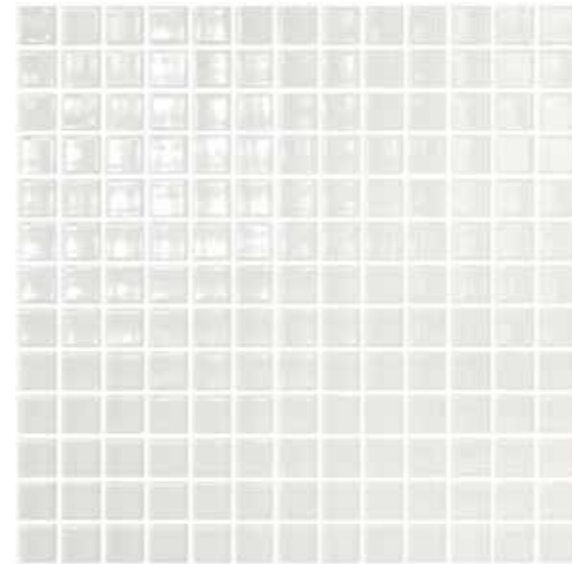


202  
A-4

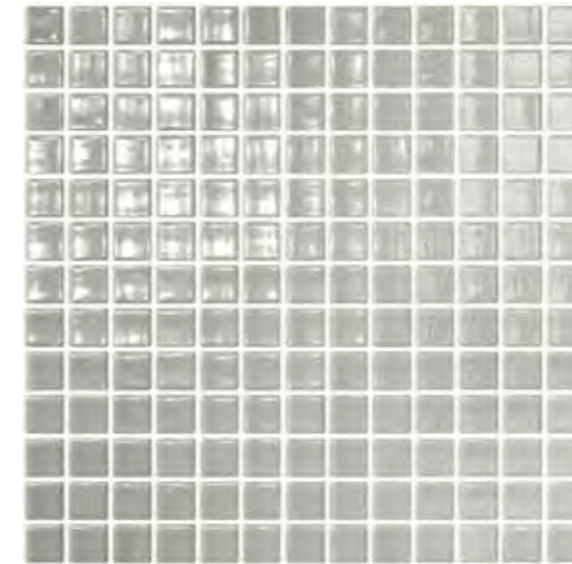




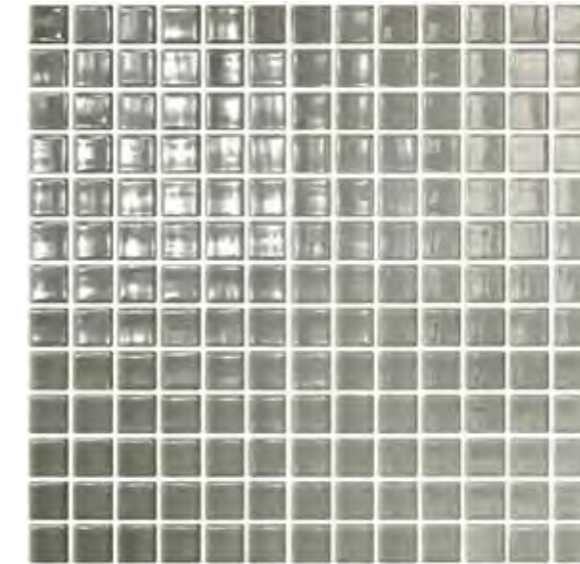
LISOS · PLAINS



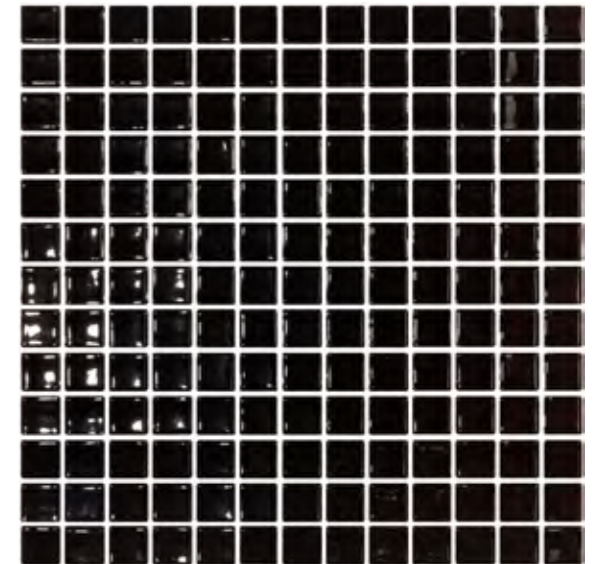
BLANCO  
A-3



GRIS CLARO  
A-5

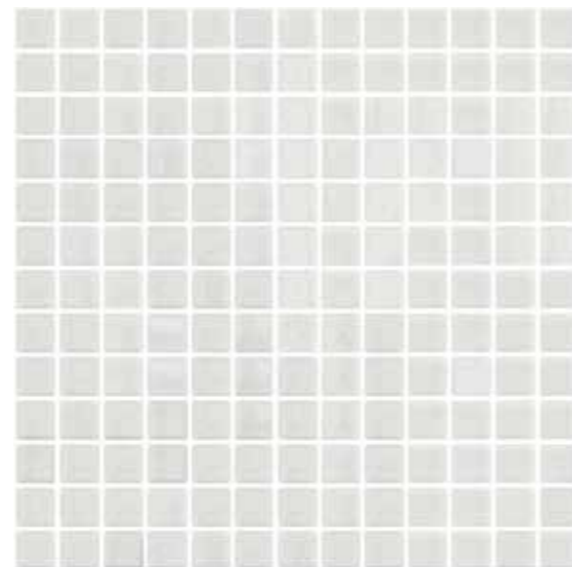


258  
A-5

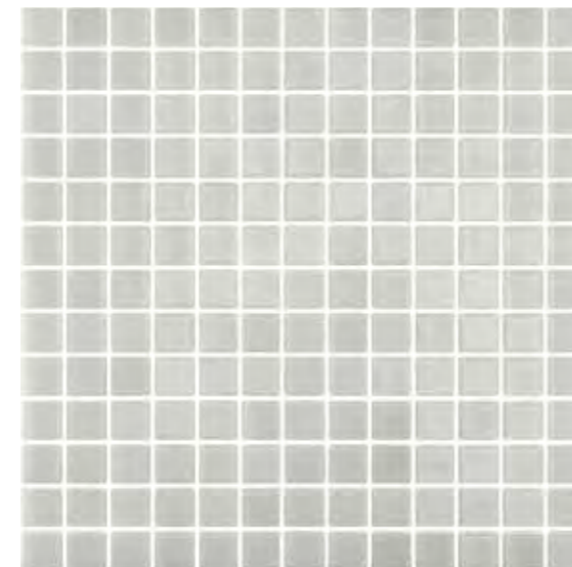


NEGRO  
A-5

NIEBLA · FOGGY



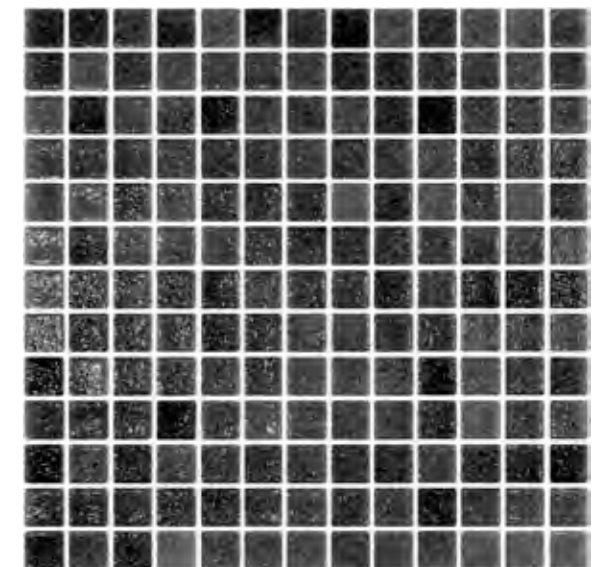
NIEBLA BLANCO  
A-3



NIEBLA GRIS CLARO  
A-4



218  
A-5

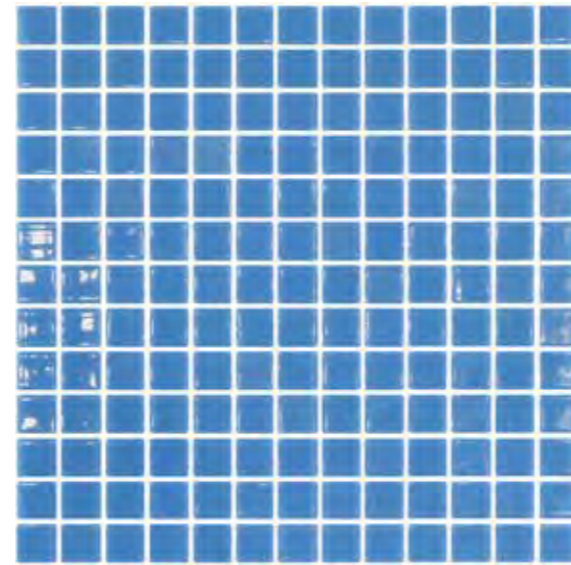


NIEBLA NEGRO  
A-5

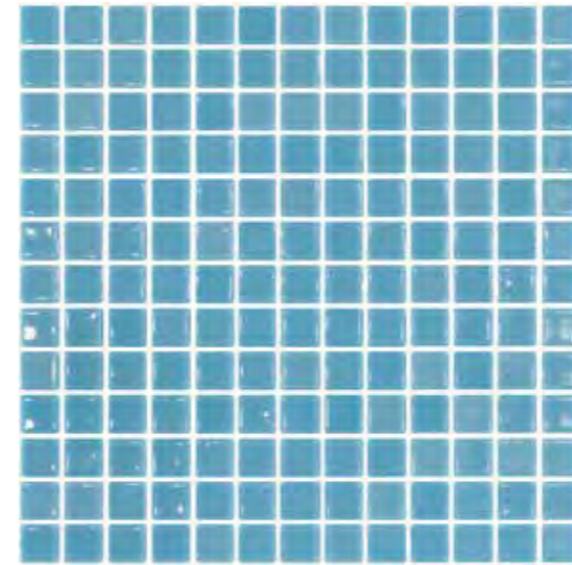




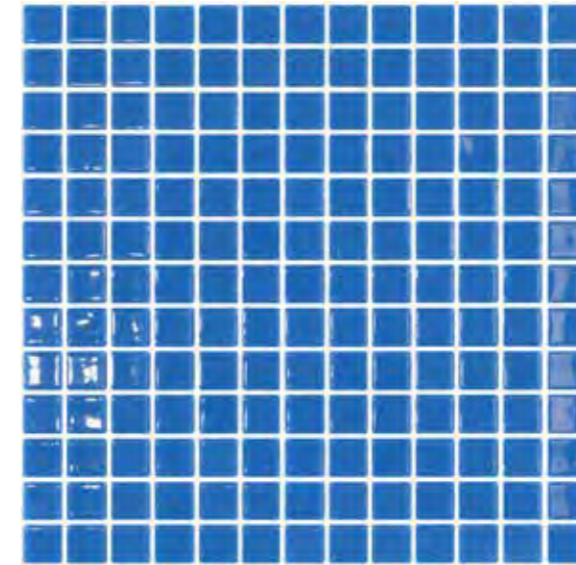
LISOS · PLAINS



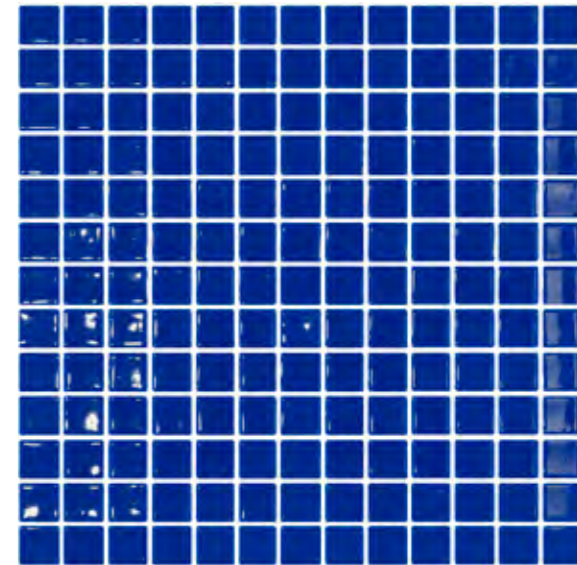
AZUL CLARO  
A-3



AZUL PISCINA  
A-3

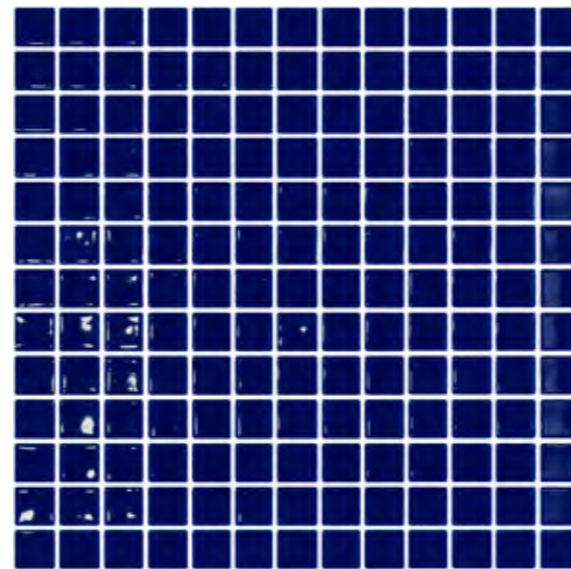


AZUL MEDIO  
A-3

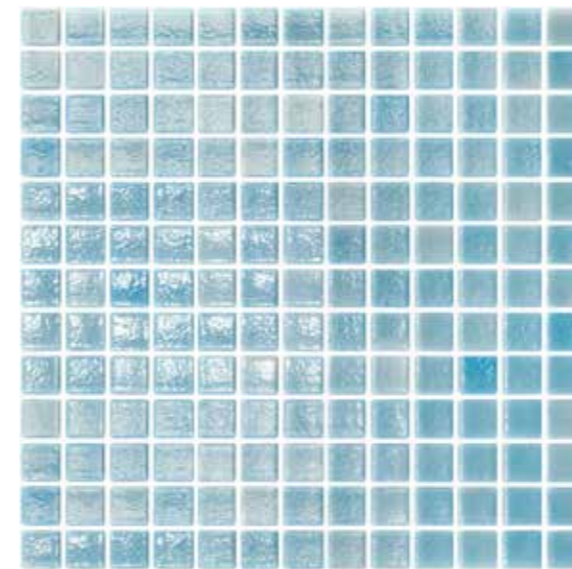


AZUL FUERTE  
A-5

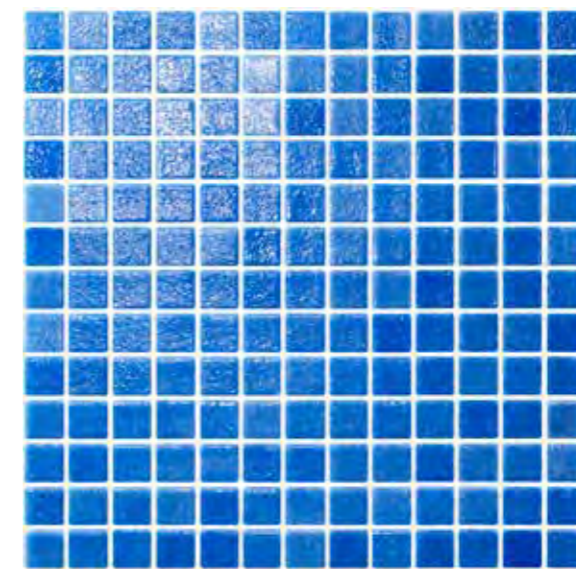
NIEBLA · FOGGY



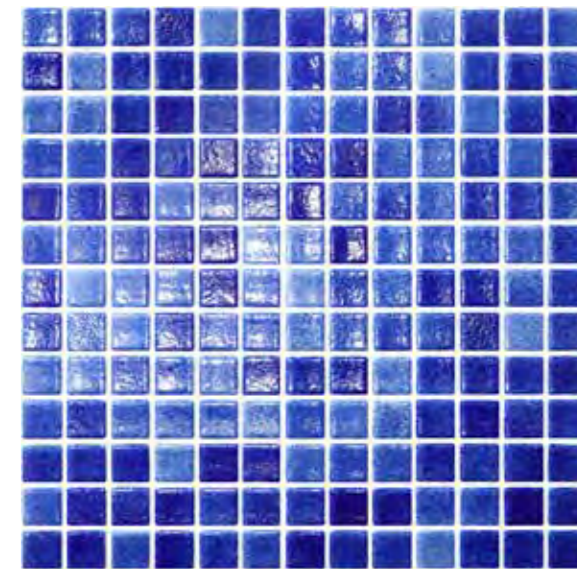
AZUL COBALTO  
A-6



NIEBLA PISCINA  
A-3



NIEBLA AZUL  
A-3



NIEBLA FUERTE  
A-5



**TOGAMA**  
MORE THAN MOSAIC

5 X 5 5

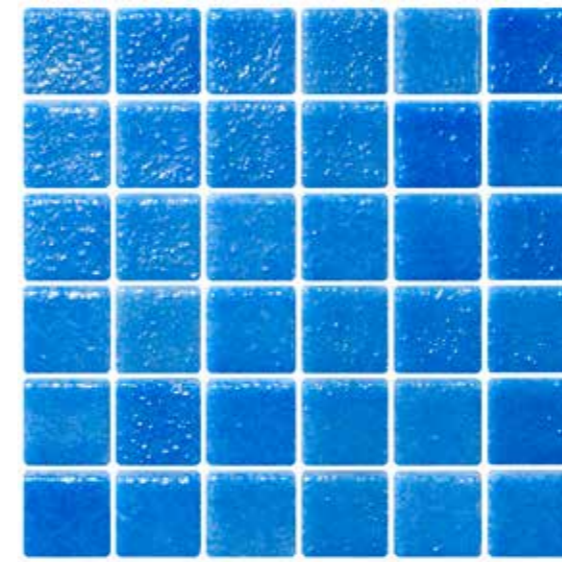




NIEBLA · FOGGY



NIEBLA PISCINA  
A-10



NIEBLA AZUL 5x5  
A-10



503  
A-11



NIEBLA FUERTE 5x5  
A-10







LISOS · PLAINS

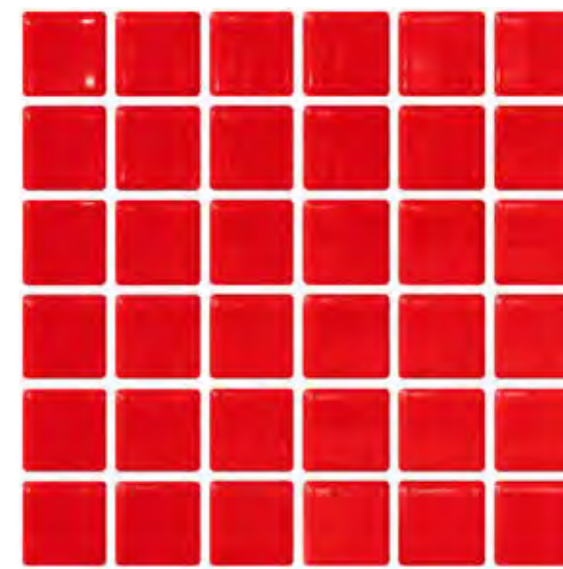
FORMATO · SIZE · FORMAT 5 x 5 cm.



BLANCO  
A-10



NEGRO  
A-11



ROJO 5x5  
A-12

**TOGAMA**  
MORE THAN MOSAIC

**ANTIDSLIZANTE**

TEXTURA NO RUGOSA  
FACIL LIMPIEZA  
MAYOR HIGIENE  
COEFICIENTE C3  
PUNTO DE POLIURETANO

**ANTISLIP**

SMOOTH TEXTURE  
EASY CLEANING  
INCREASED HYGIENE  
SLIP RESISTANCE C3  
POLYURETHANE DOT

**ANTIDÉRAPANT**

TEXTURE NON RUGUEUSE  
FACILE NÉTOYAGE  
PLUS HIGIÉNIQUE  
COÉFICIENT C3  
SUPPORT POLYURÉTHANE

**RUTSCHSICHER**

GLATTE OBERFLÄCHE  
LEICHT ZU REINIGEN  
HYGIENISCHER  
RUTSCHFESTIGKEIT C3  
POLYURETHAN

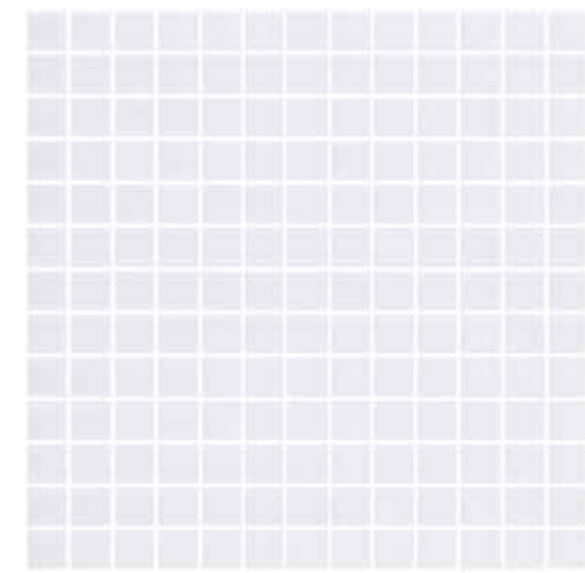
**SILK** SILK

MATT & ANTISLIP

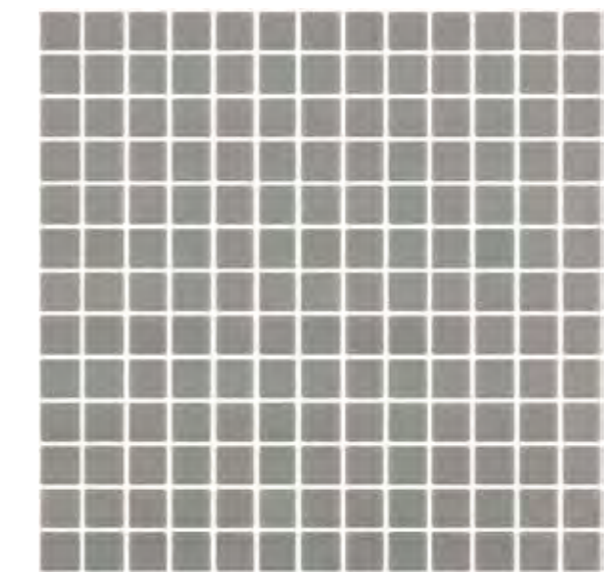




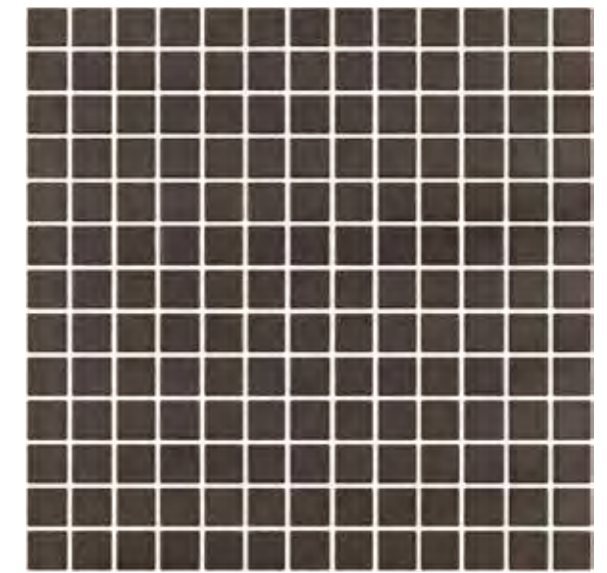
LISOS · PLAINS



BLANCO ANTIDESLIZANTE  
B-1

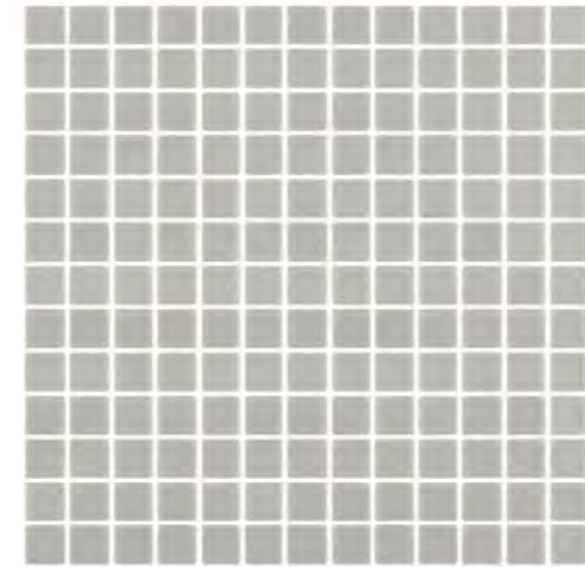


258 ANTIDESLIZANTE  
B-3

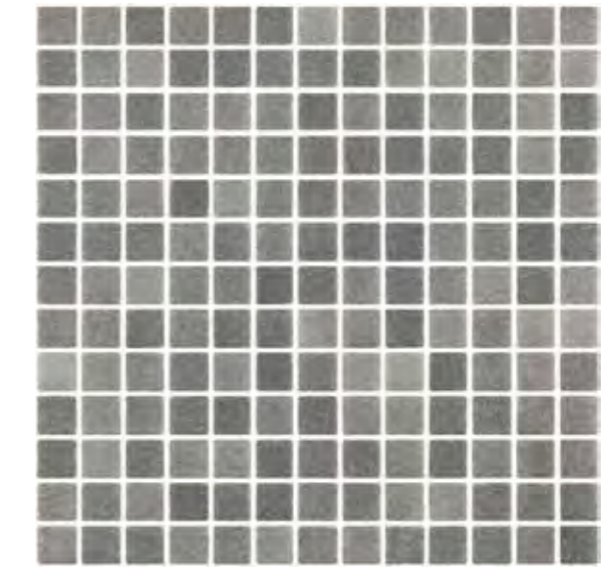


NEGRO ANTIDESLIZANTE  
B-3

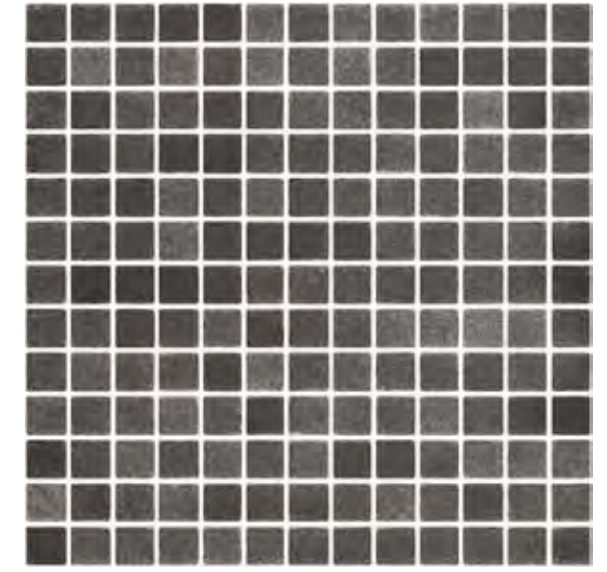
NIEBLA · FOGGY



GRIS CLARO ANTIDESLIZANTE  
B-3

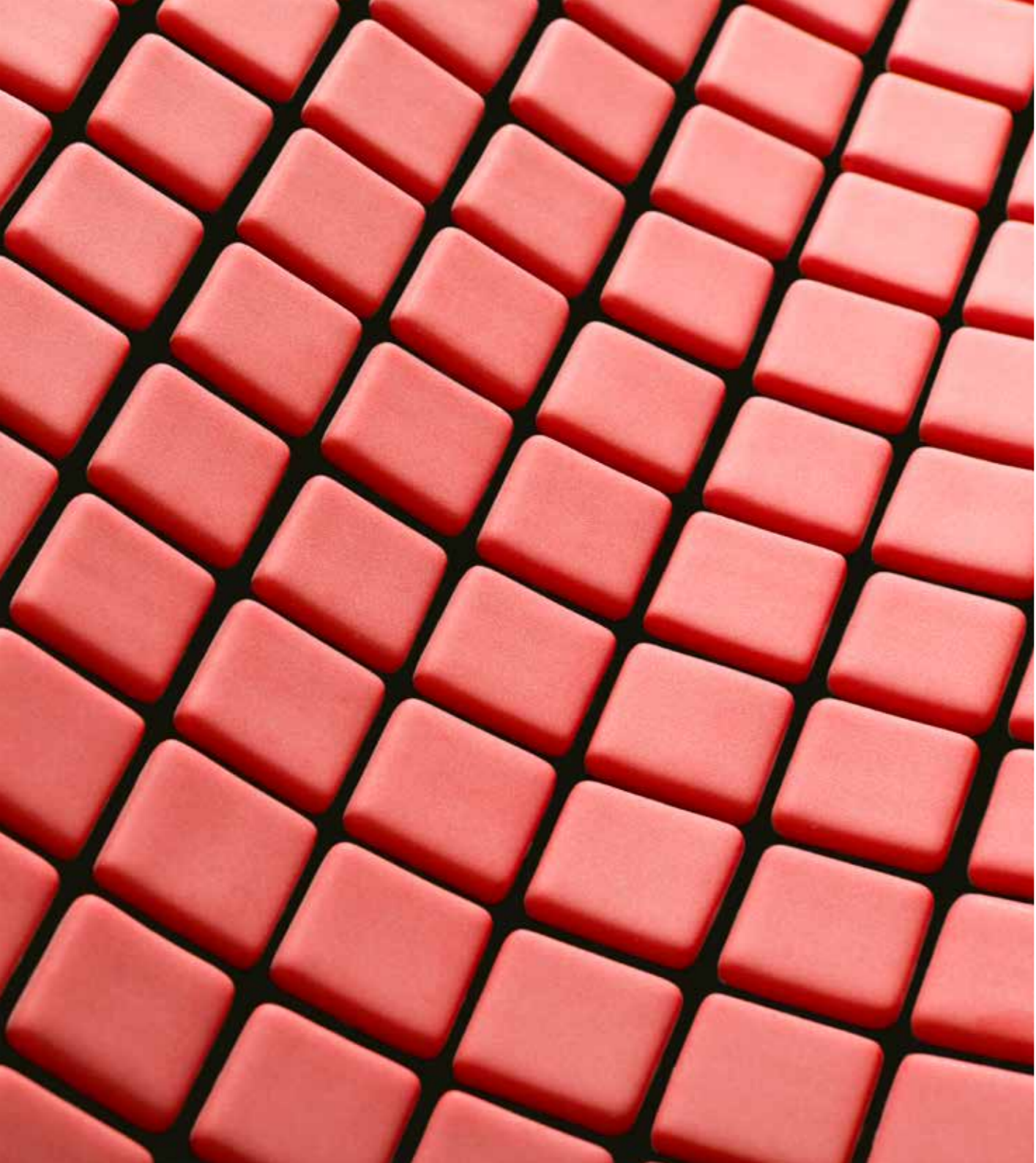


218 ANTIDESLIZANTE  
B-3

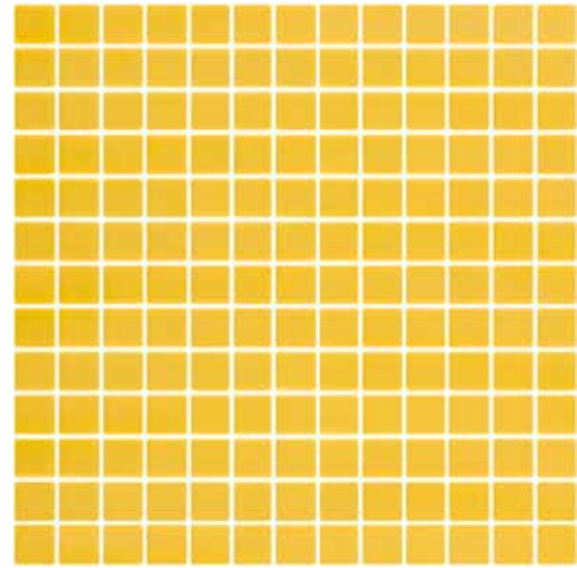


NIEBLA NEGRO ANTIDESLIZANTE  
B-3

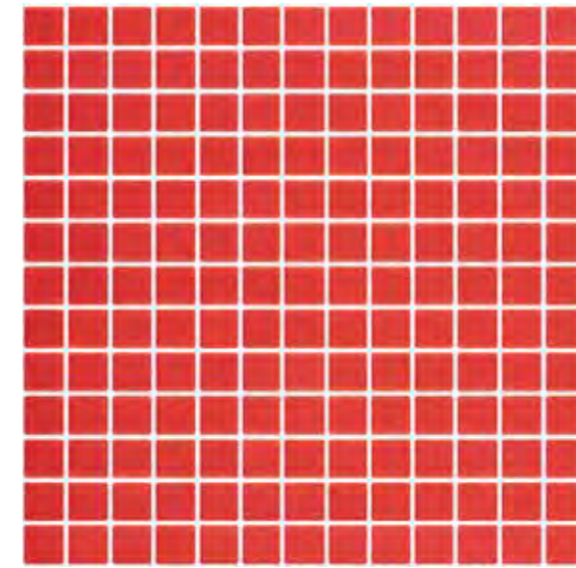




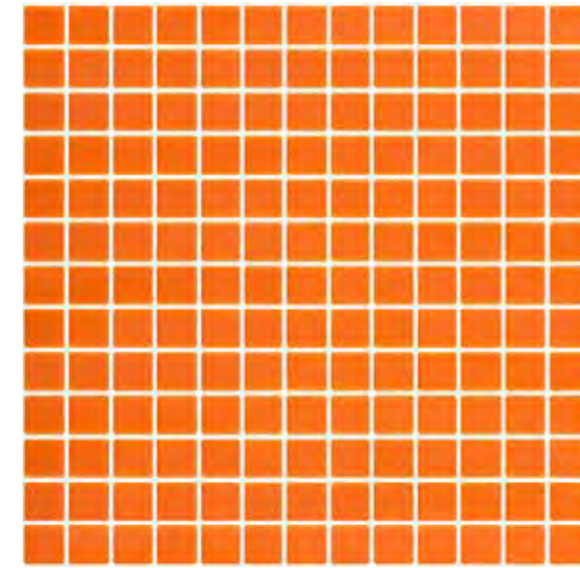
LISOS · PLAINS



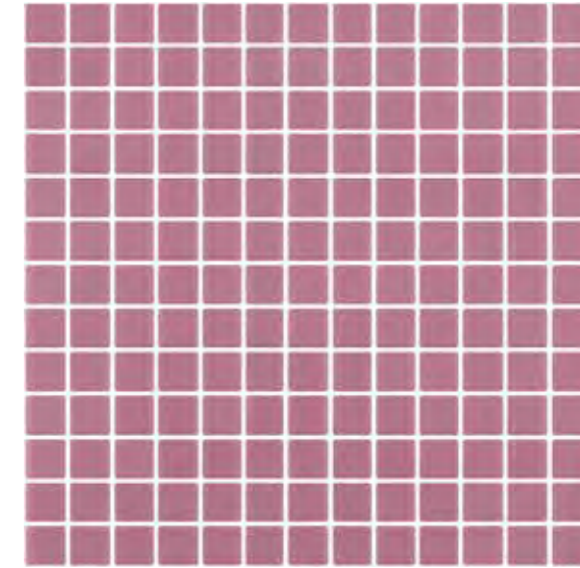
AMARILLO ANTIDESLIZANTE  
B-6



ROJO ANTIDESLIZANTE  
B-7

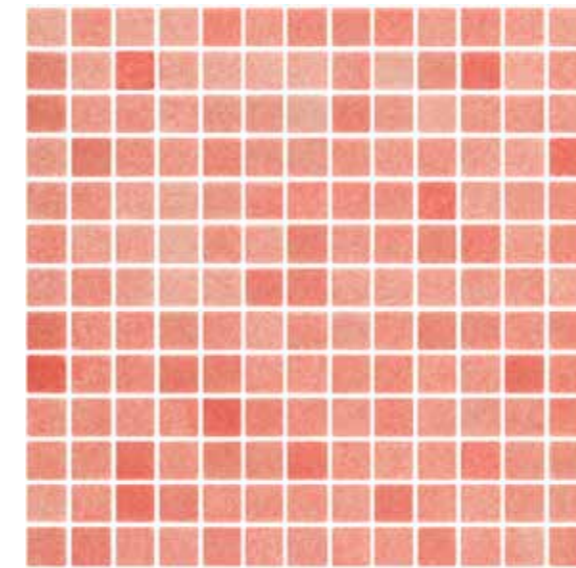


NARANJA ANTIDESLIZANTE  
B-6

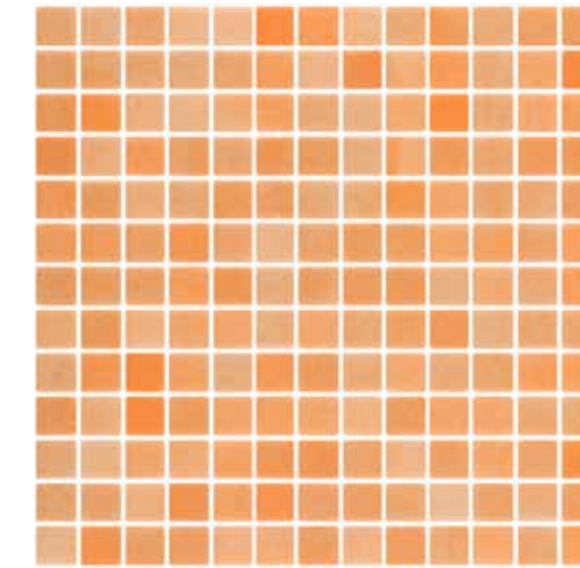


268 ANTIDESLIZANTE  
B-4

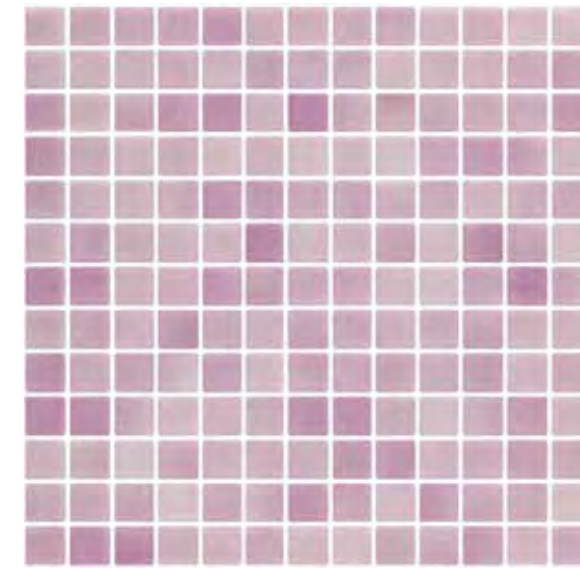
NIEBLA · FOGGY



NIEBLA ROJO ANTIDESLIZANTE  
B-4

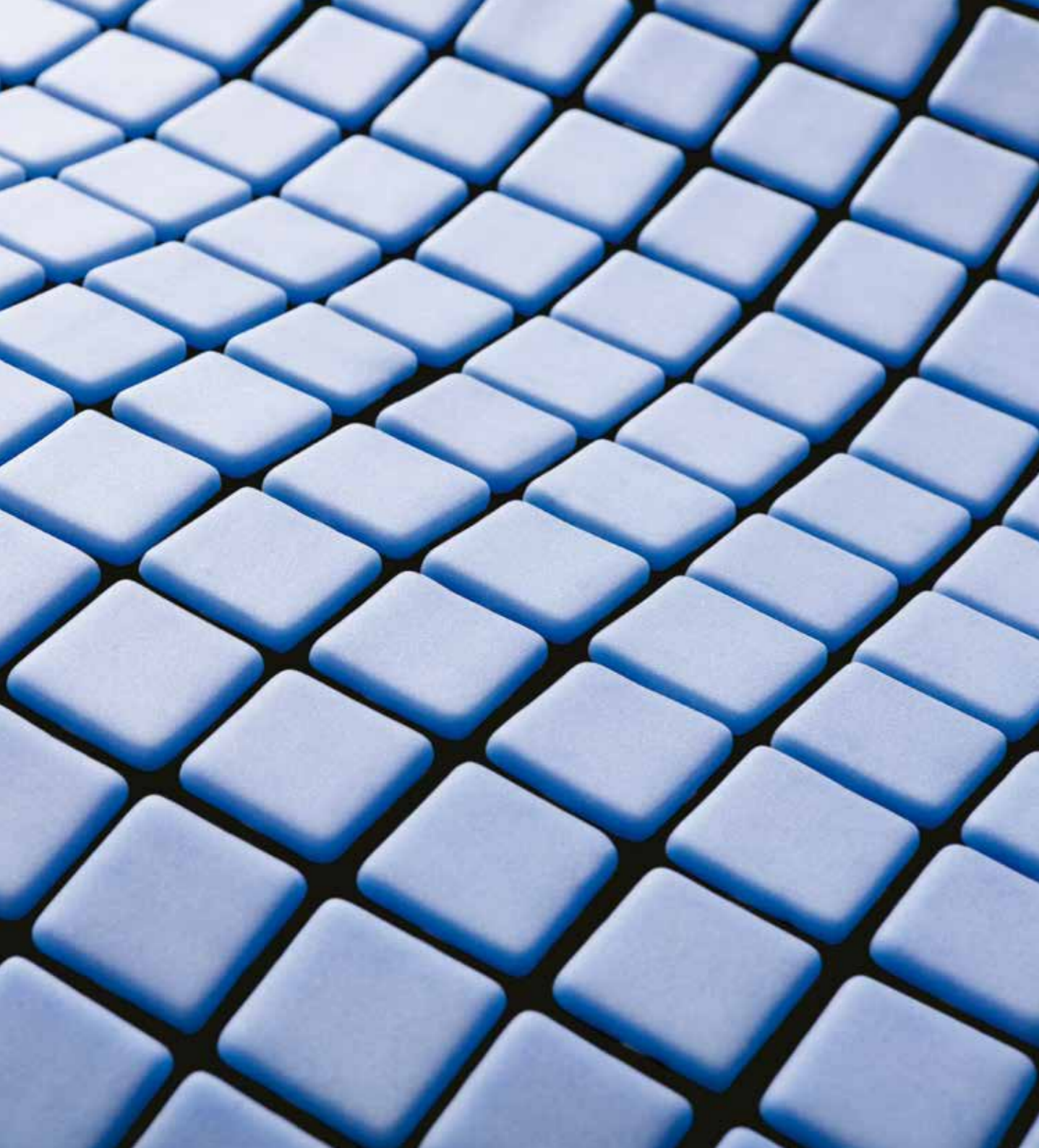


NIEBLA NARANJA ANTIDESLIZANTE  
B-4

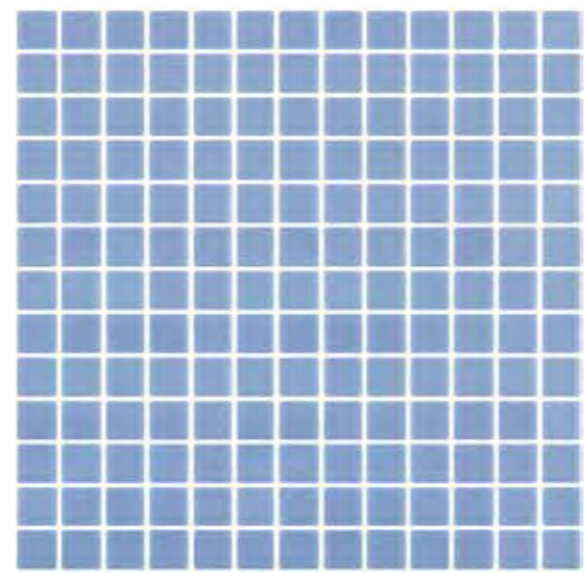


210 ANTIDESLIZANTE  
B-3

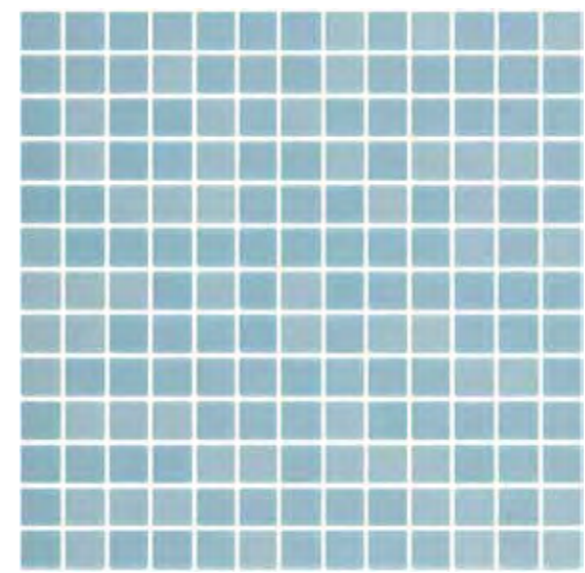




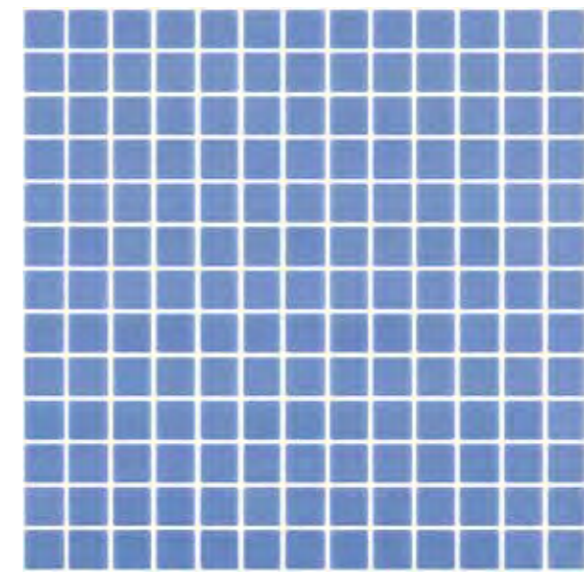
LISOS · PLAINS



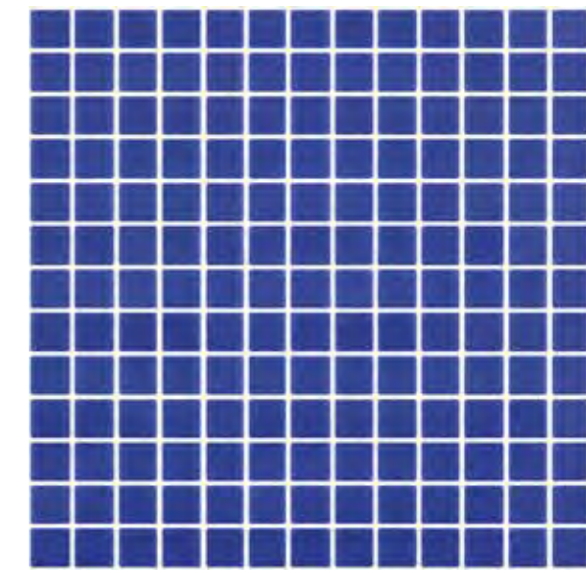
AZUL CLARO ANTIDESLIZANTE  
B-1



AZUL PISCINA ANTIDESLIZANTE  
B-1

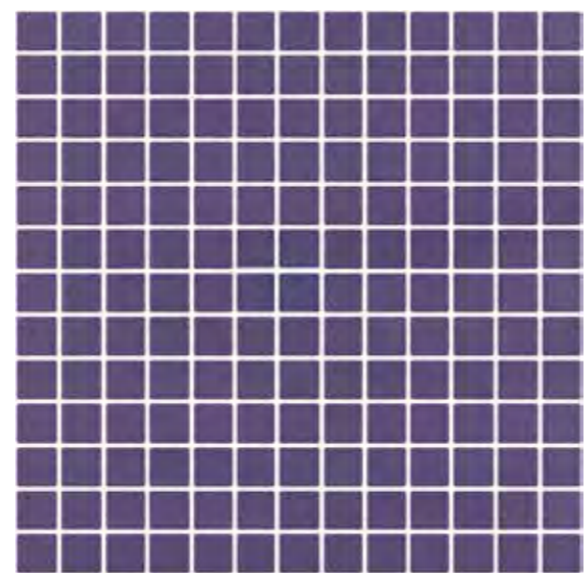


AZUL MEDIO ANTIDESLIZANTE  
B-1

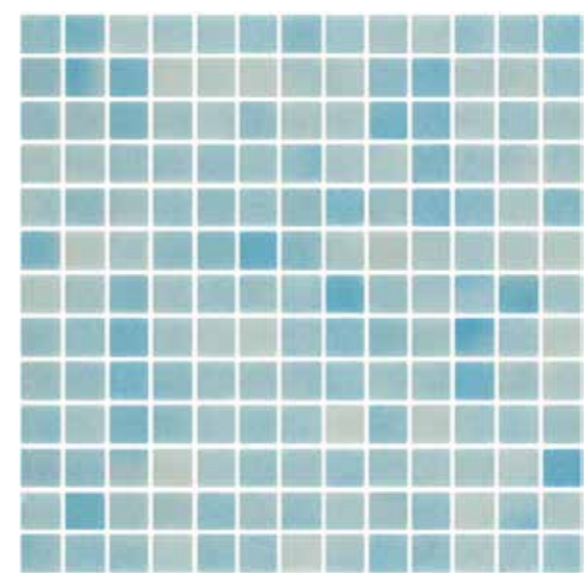


AZUL FUERTE ANTIDESLIZANTE  
B-3

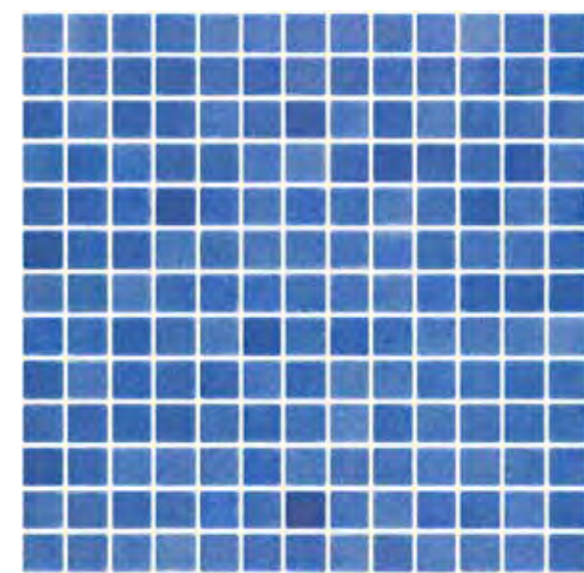
NIEBLA · FOGGY



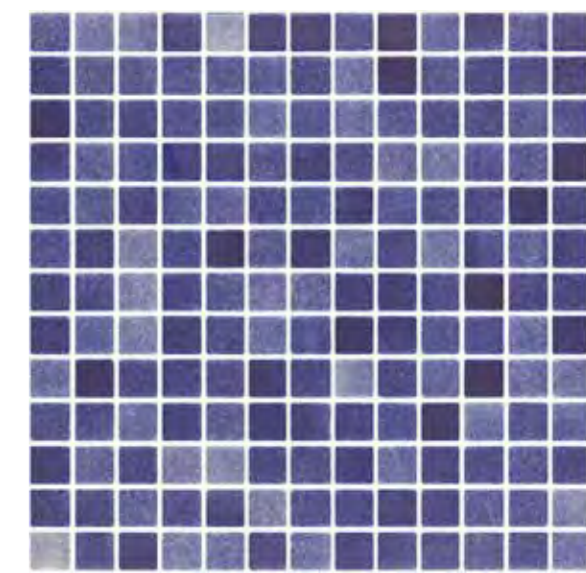
AZUL COBALTO ANTIDESLIZANTE  
B-4



NIEBLA PISCINA ANTIDESLIZANTE  
B-1



NIEBLA AZUL ANTIDESLIZANTE  
B-1

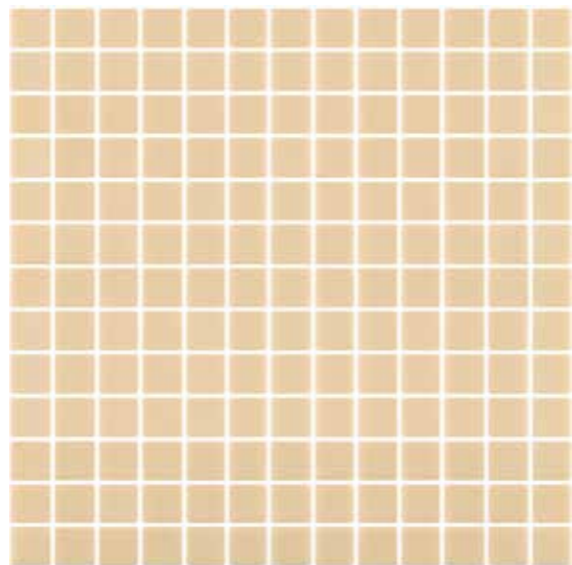


NIEBLA FUERTE ANTIDESLIZANTE  
B-3

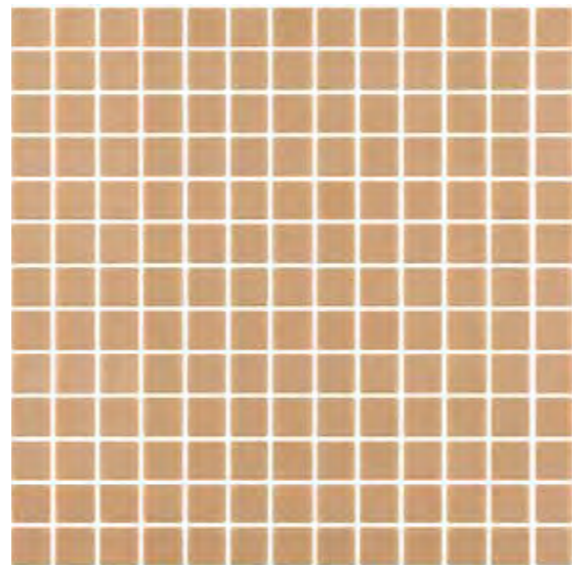




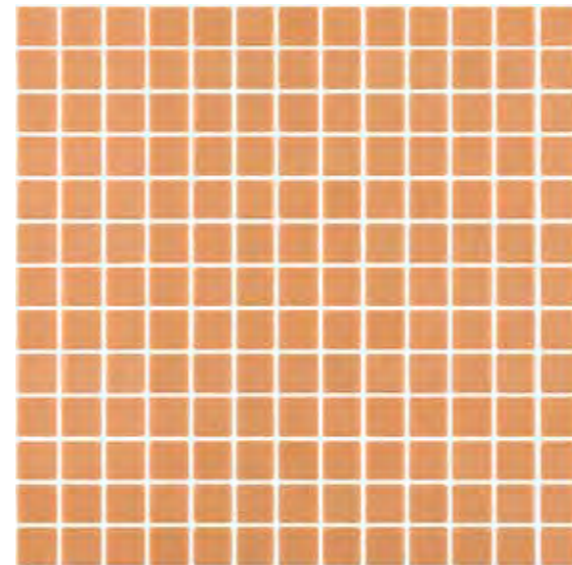
LISOS · PLAINS



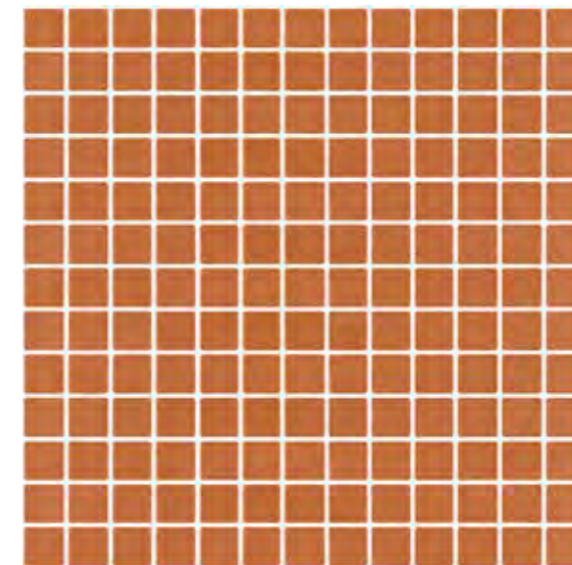
CREMA ANTIDESLIZANTE  
B-3



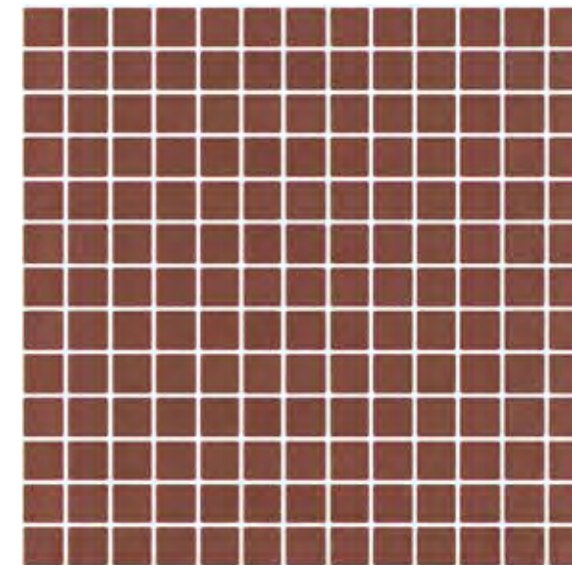
ARENA ANTIDESLIZANTE  
B-3



256 ANTIDESLIZANTE  
B-3

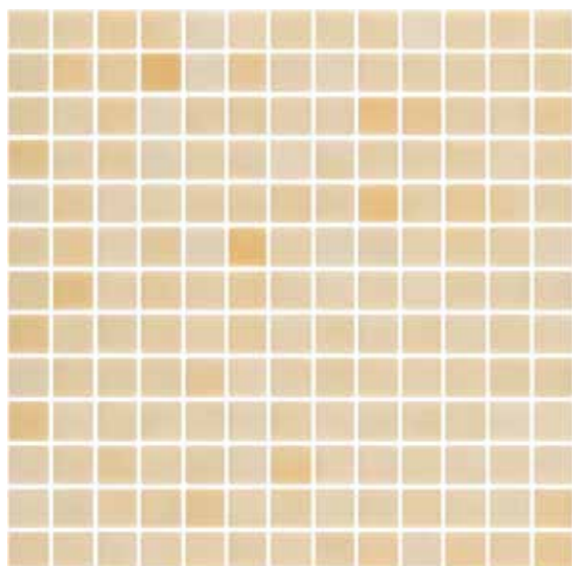


273 ANTIDESLIZANTE  
B-4

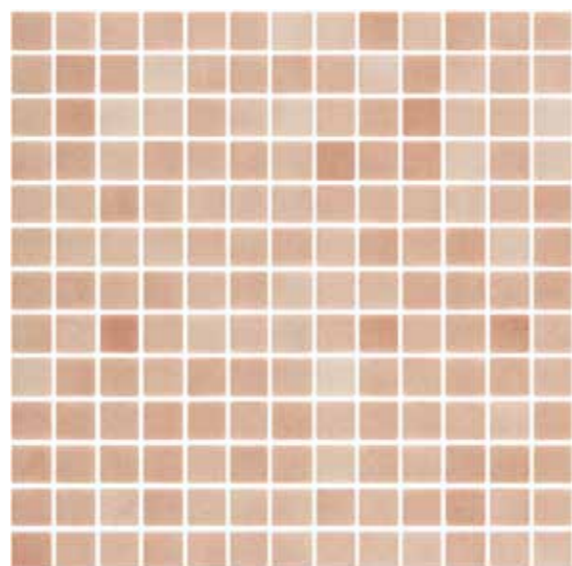


277 ANTIDESLIZANTE  
B-4

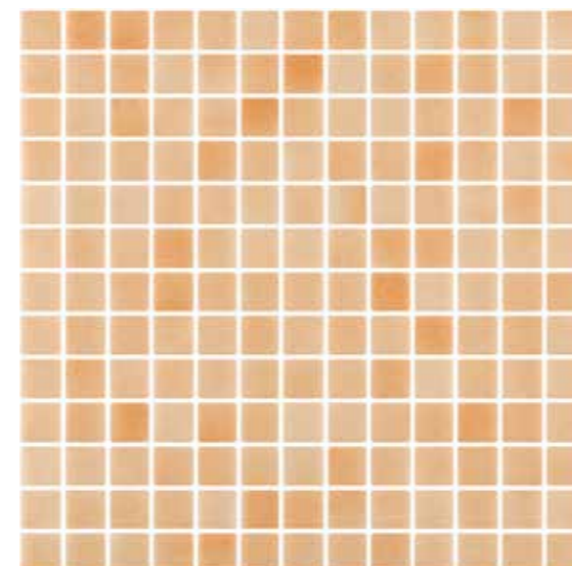
NIEBLA · FOGGY



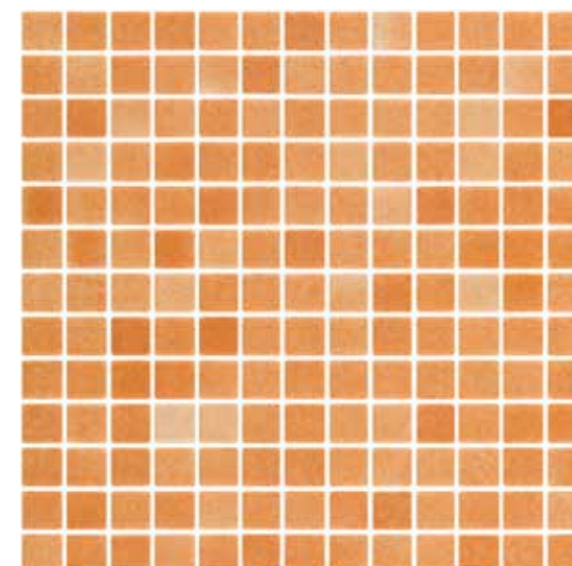
214 ANTIDESLIZANTE  
B-3



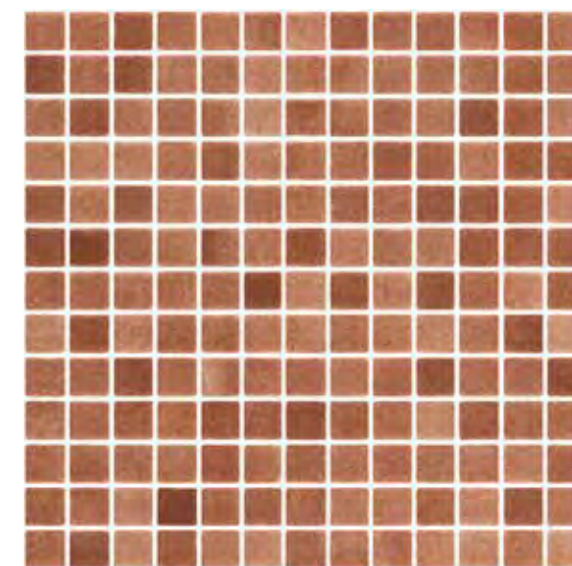
205 ANTIDESLIZANTE  
B-2



206 ANTIDESLIZANTE  
B-2



213 ANTIDESLIZANTE  
B-3

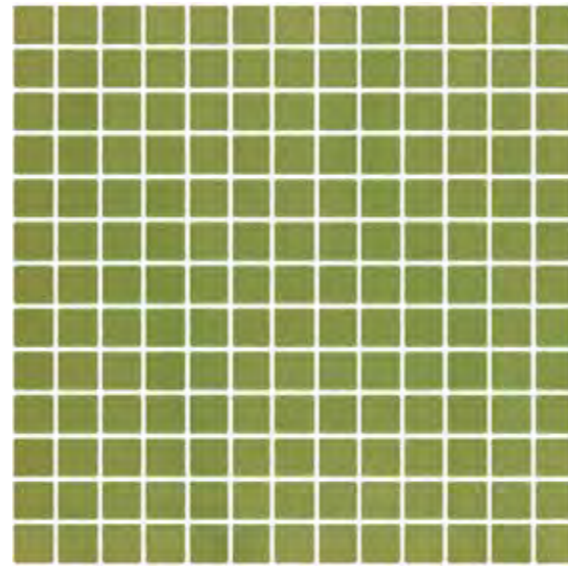


217 ANTIDESLIZANTE  
B-3

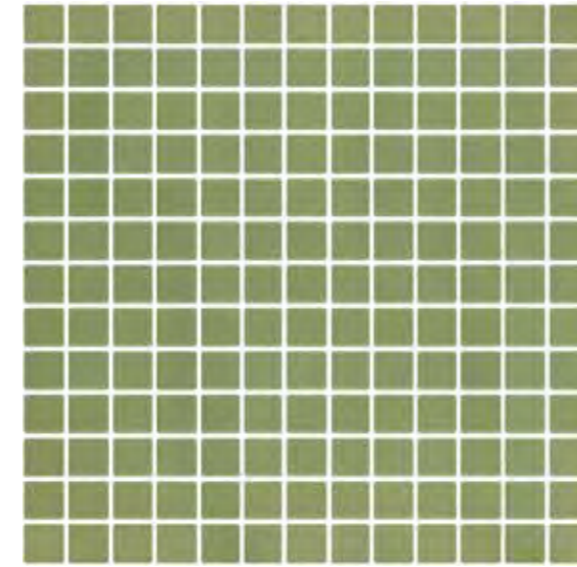




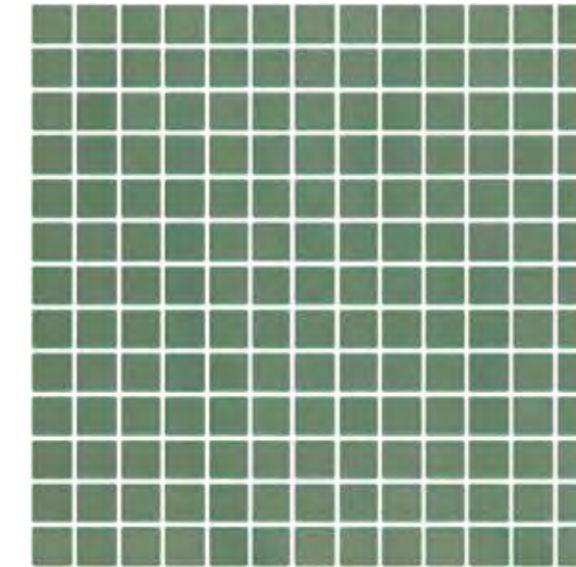
LISOS · PLAINS



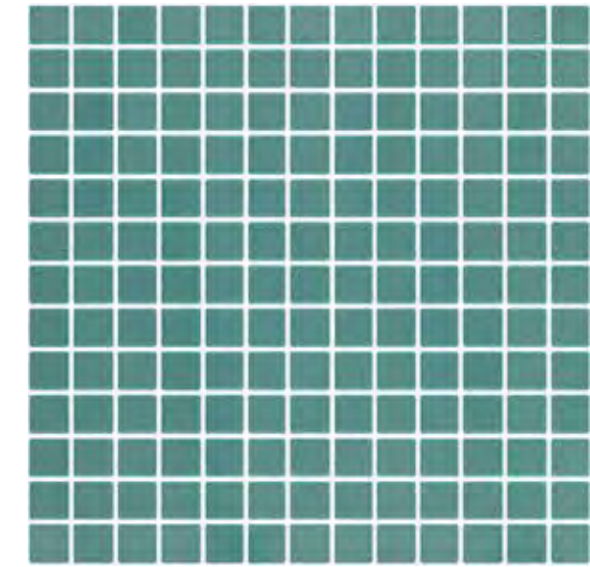
271 ANTIDESLIZANTE  
B-4



254 ANTIDESLIZANTE  
B-3

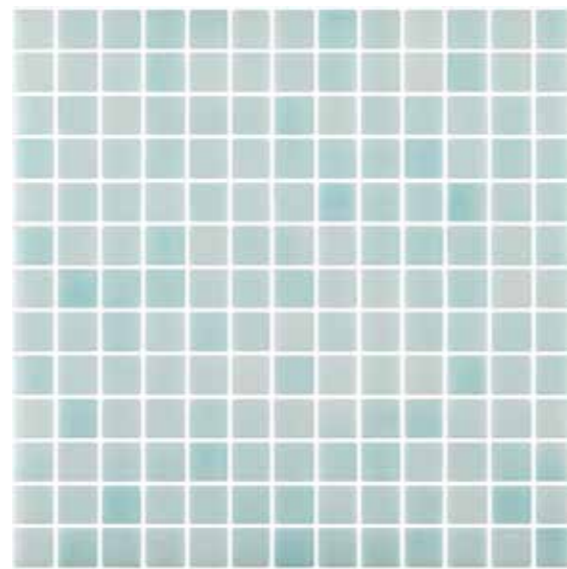


253 ANTIDESLIZANTE  
B-3

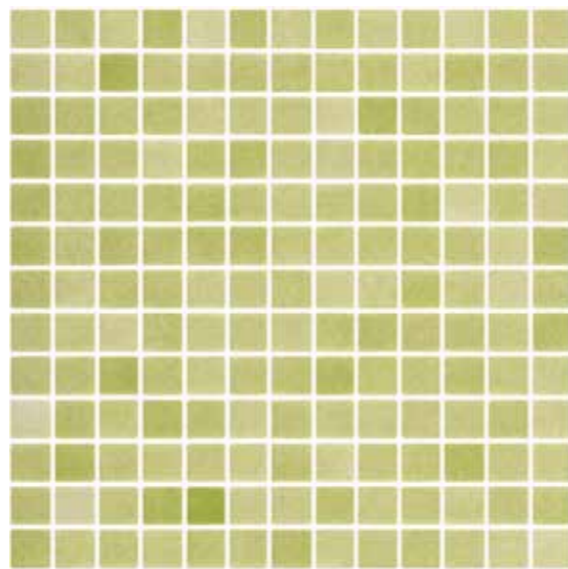


252 ANTIDESLIZANTE  
B-3

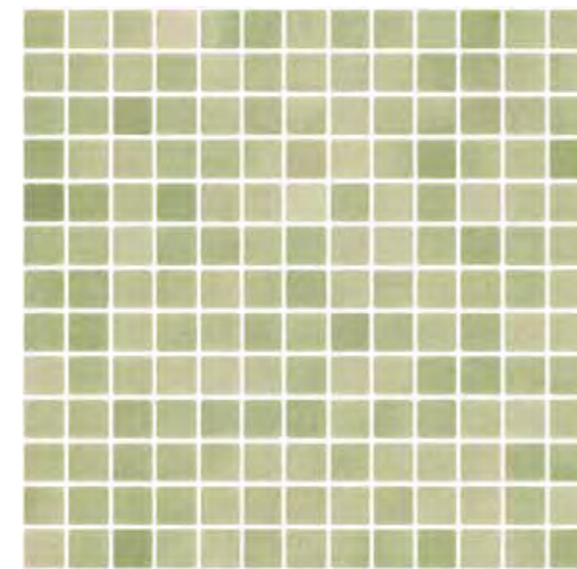
NIEBLA · FOGGY



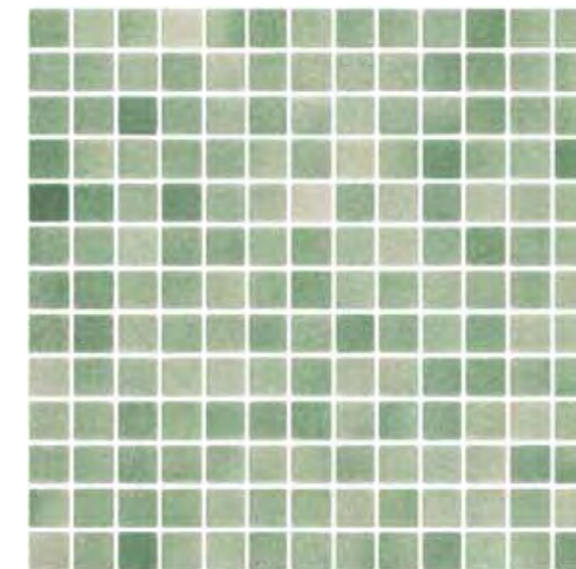
NIEBLA MENTA ANTIDESLIZANTE  
B-2



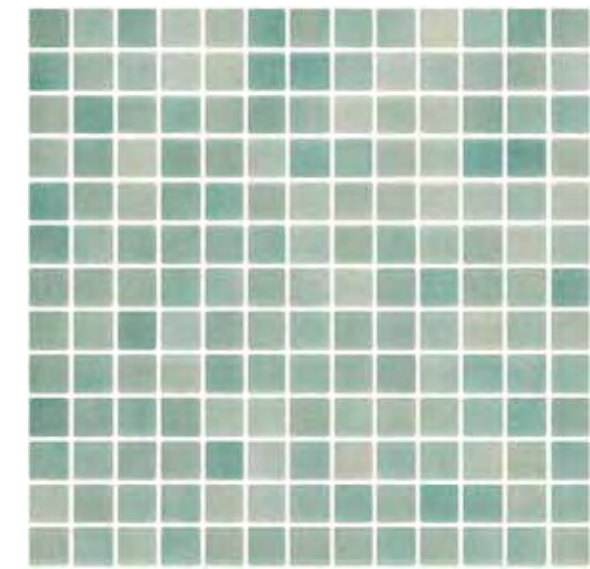
211 ANTIDESLIZANTE  
B-3



204 ANTIDESLIZANTE  
B-2



203 ANTIDESLIZANTE  
B-2



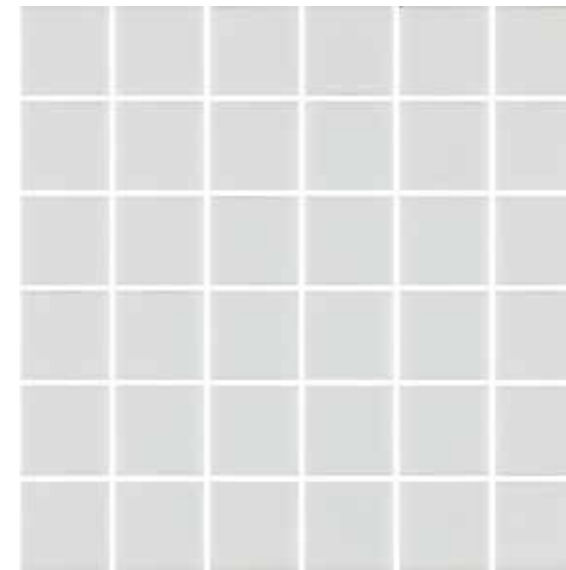
202 ANTIDESLIZANTE  
B-2



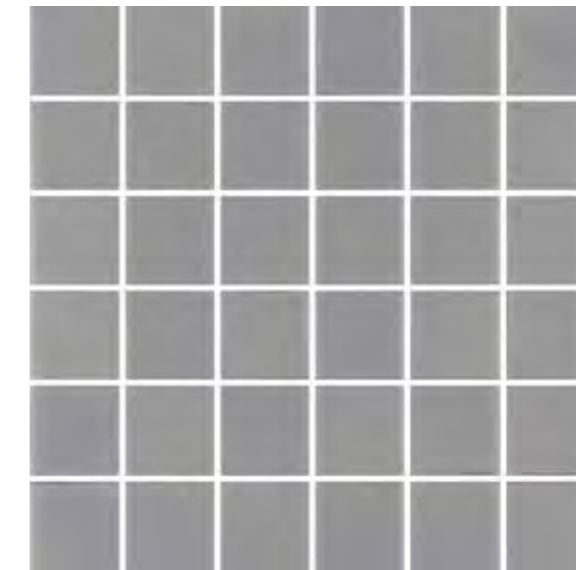


# SILK

URBAN TOUCH



BLANCO ANTIDESLIZANTE  
B-8



558 ANTIDESLIZANTE  
B-8



ARENA ANTIDESLIZANTE  
B-8



MetalAir

SPECIALS

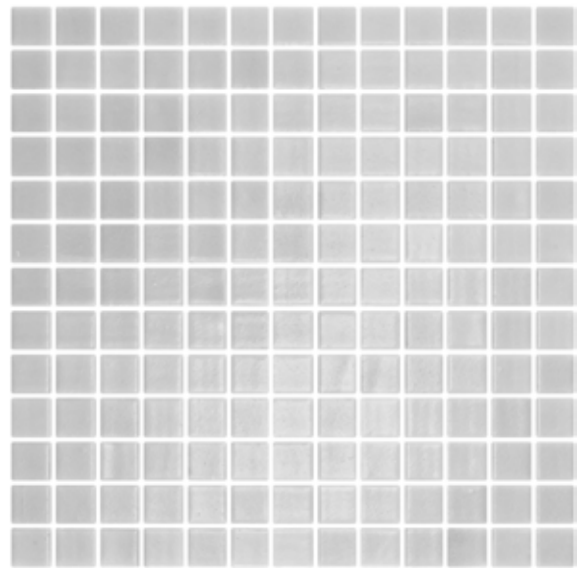
MOON



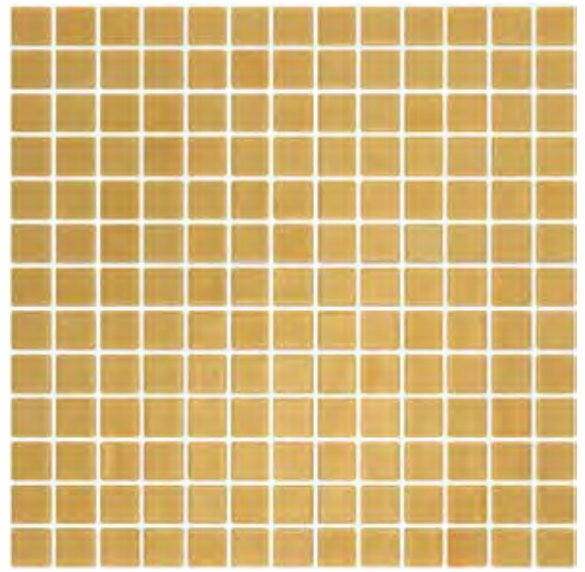


METAL AIR

METALIZADO - METAL FINISHED



MT 01  
E-1



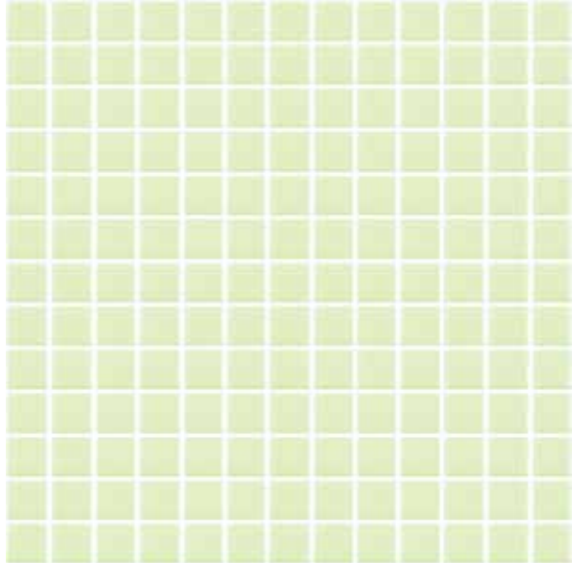
MT 02  
E-2



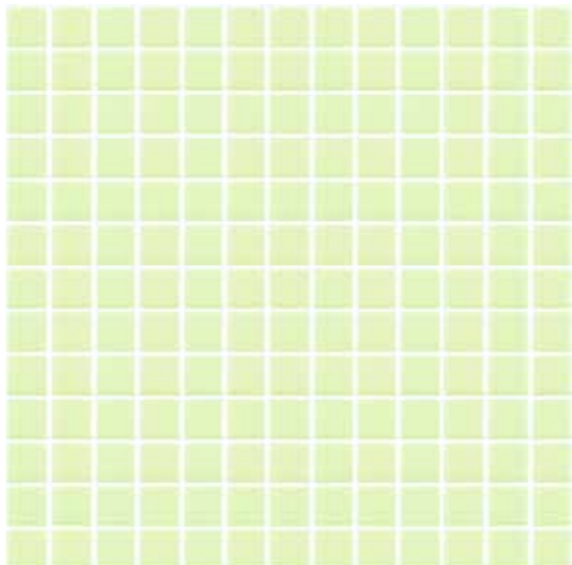


# MOON LUMINISCENT

LUMINISCENTE · LUMINISCENT



LU 01  
J-1



LU 02  
J-1



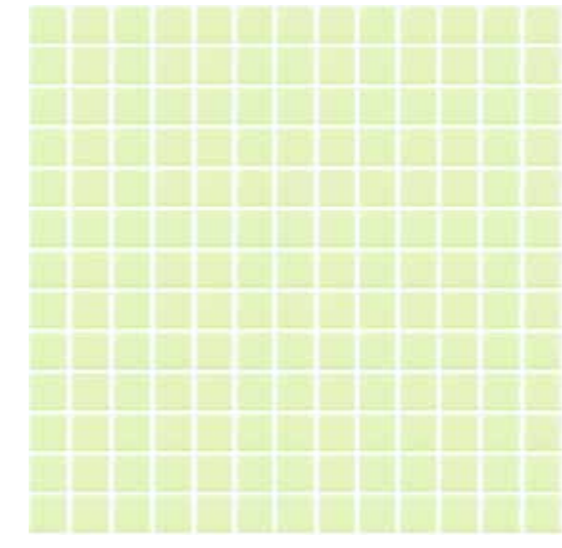
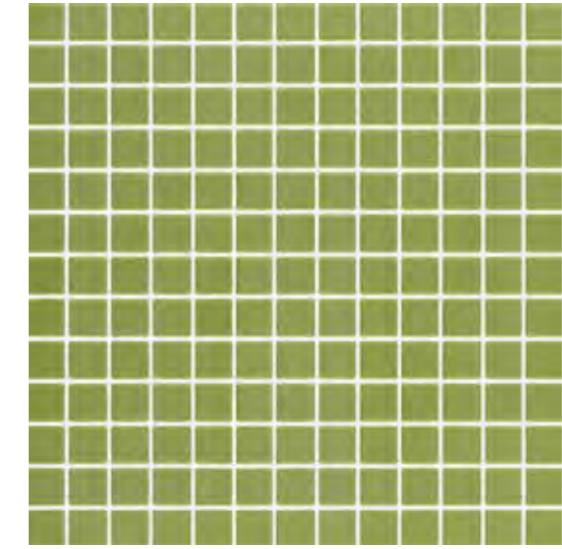
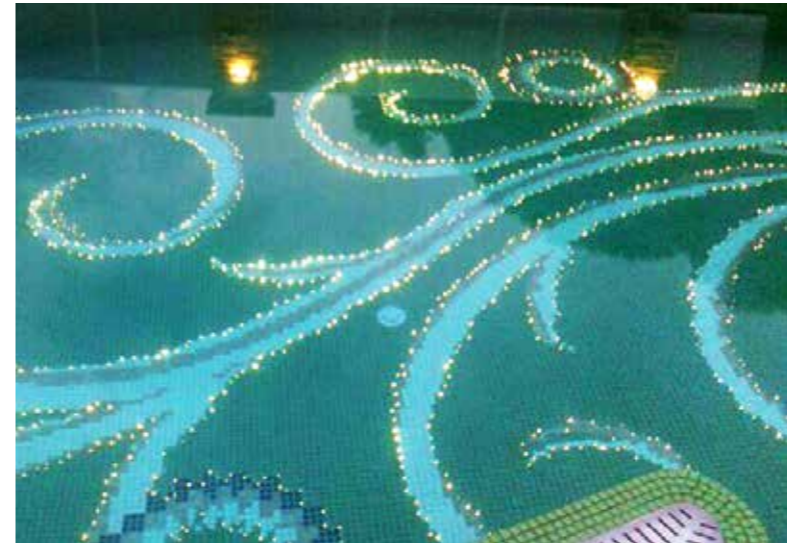
**TOGAMA**  
MORE THAN MOSAIC

C U S T O M C U S T O M S D E S I G N









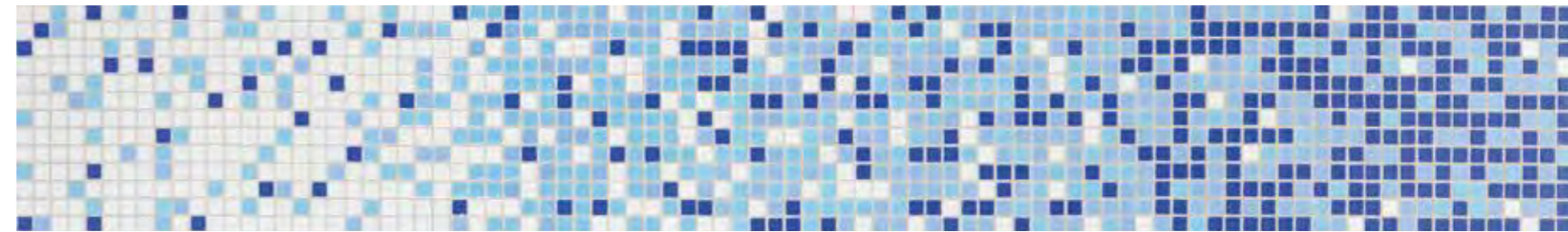
PROJECT  
**PRIVATE VILLAS**  
BENICASIM, SPAIN

CUSTOM DESIGN LUMINISCENT



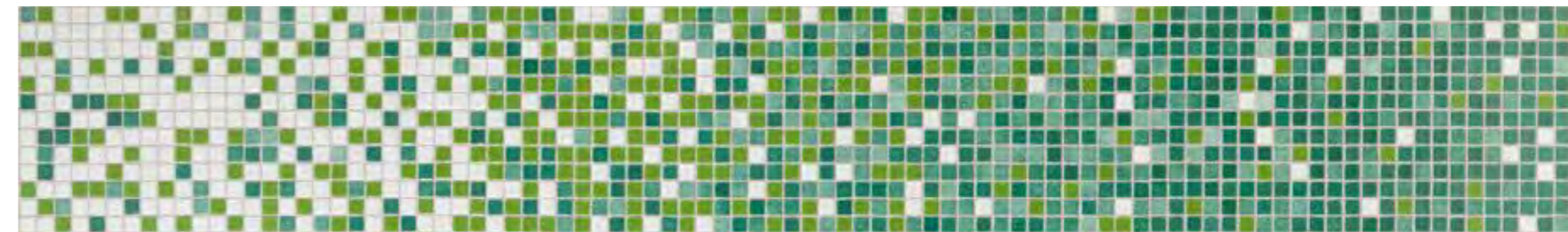


# GRADIATIONS



DEGRADADO AZUL  
BLANCO  
AZUL PISCINA  
AZUL CLARO  
AZUL FUERTE

Q7



DEGRADADO VERDE  
BLANCO  
271  
203  
253

Q7



DEGRADADO MARRÓN  
CREMA  
256  
273  
277

Q7

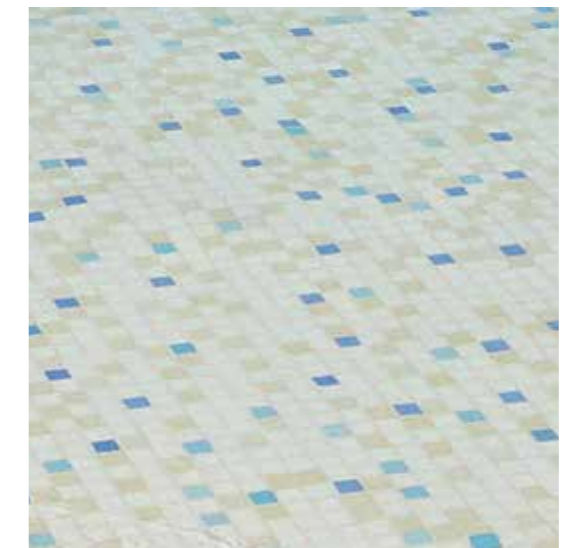
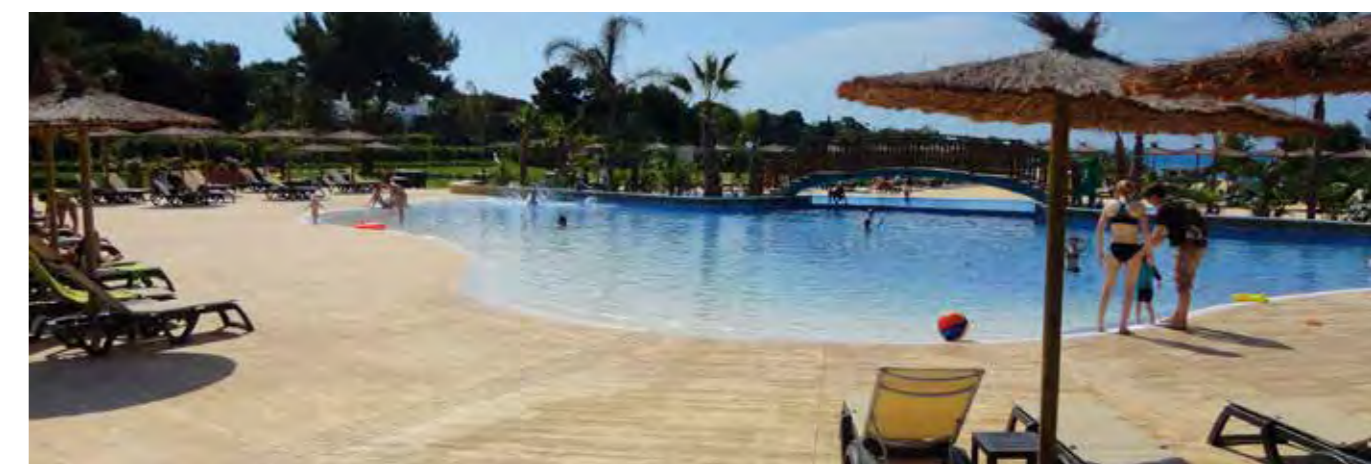


DEGRADADO NEGRO  
BLANCO  
258  
NIEBLA NEGRO  
NEGRO

Q7

· DEGRADADO / GRADIATION. FINISH IN SILK ANTISLIP (Q8) OPTIONAL.





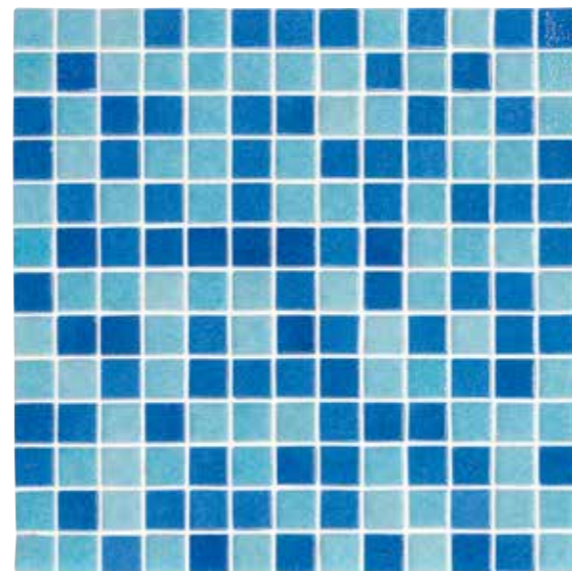
PROJECT  
**HOTEL & RESORT CALA PADA**  
IBIZA, SPAIN

CUSTOM DESIGN SILK



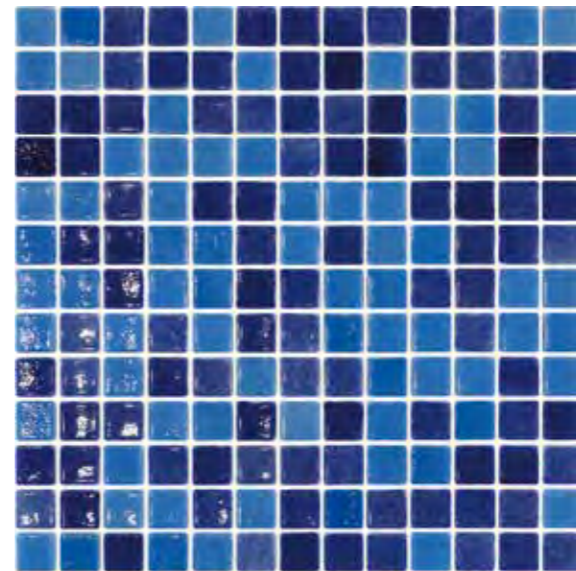


# MIX POOLS



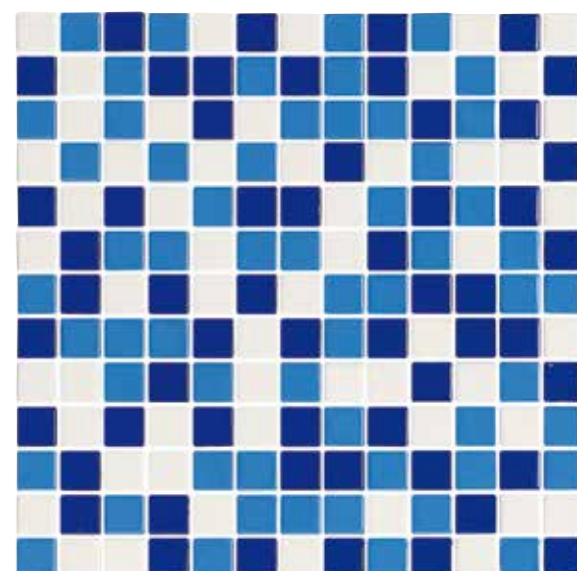
MIX CARIBE  
L-1

50% NIEBLA AZUL · NIEBLA PISCINA



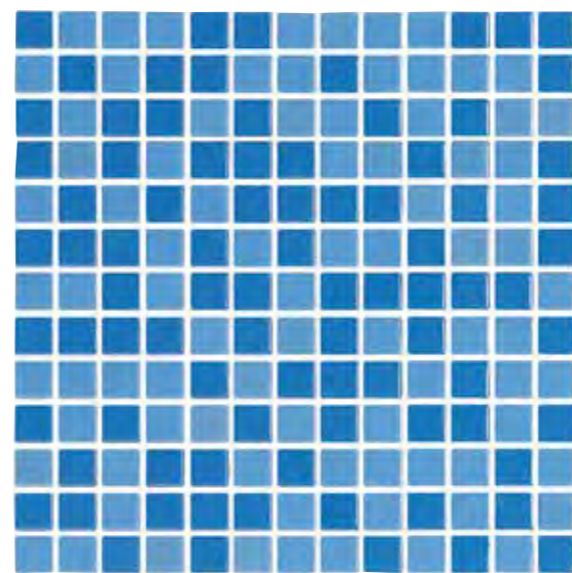
MIX TURQUESA  
L-1

50% NIEBLA AZUL · NIEBLA FUERTE



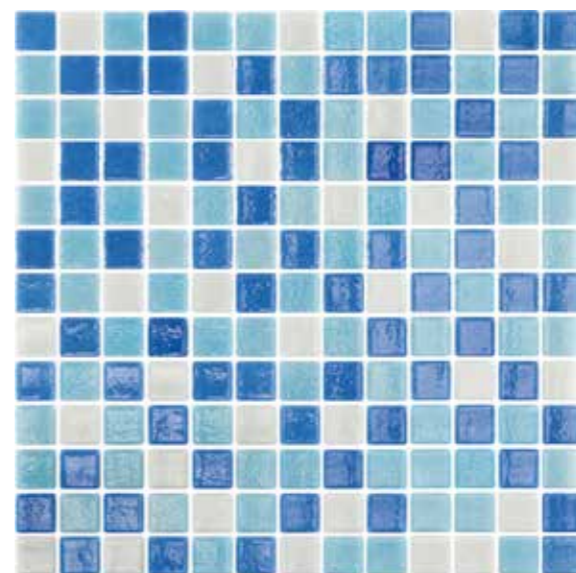
MIX AGUAMARINA  
L-2

33% AZUL FUERTE · AZUL MEDIO · BLANCO



MIX MAURICIO  
L-1

50% AZUL MEDIO · AZUL CLARO



MIX IBIZA  
L-1

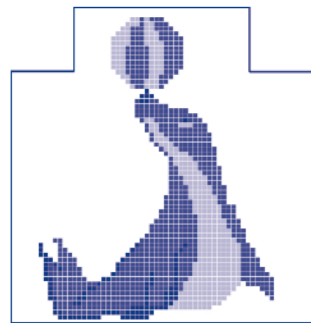
40% NIEBLA AZUL · 40% NIEBLA PISCINA  
20% NIEBLA BLANCO



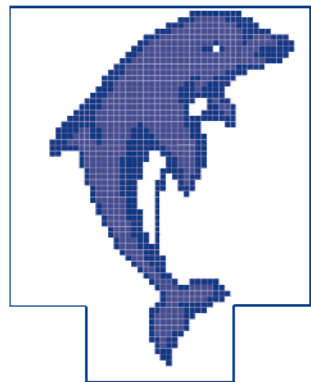
MIX AZORES  
L-2

33% 202 · 203 · 204

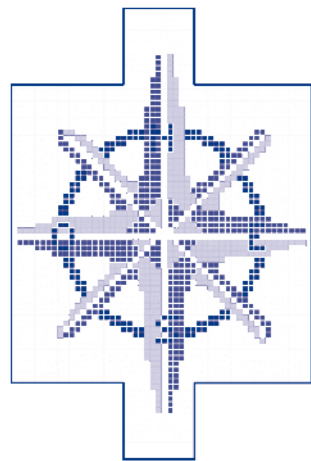




FOCA  
134x165 cm  
N1



DELFÍN  
134x165 cm  
N1



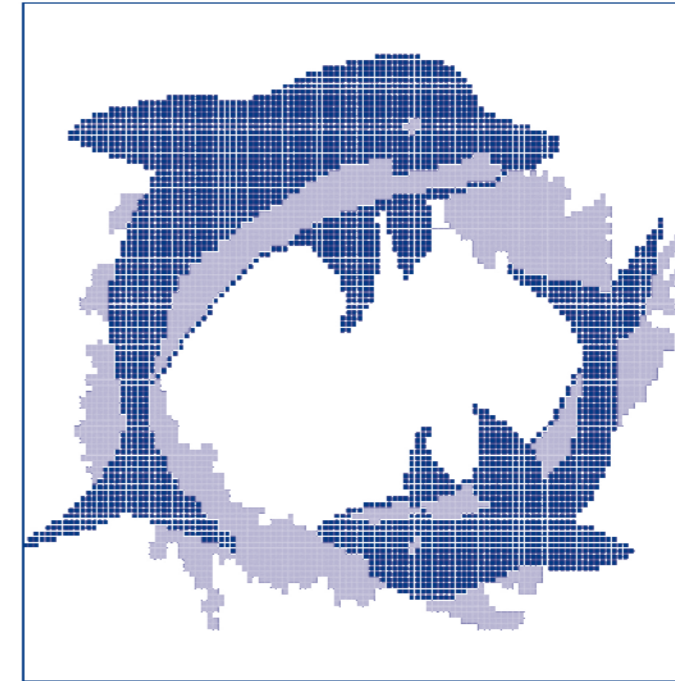
ROSA DE LOS VIENTOS  
134x201 cm  
N1

FONDO NIEBLA AZUL / BACKGROUND NIEBLA AZUL

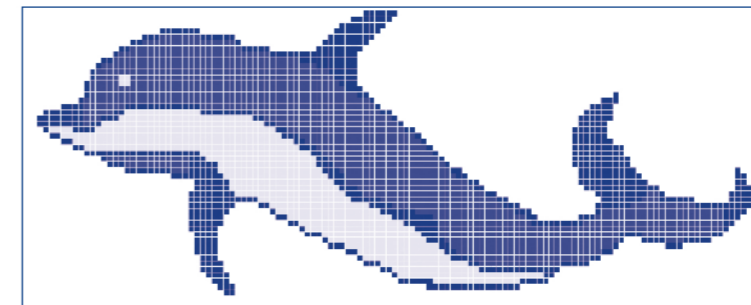


*Pool  
designs*

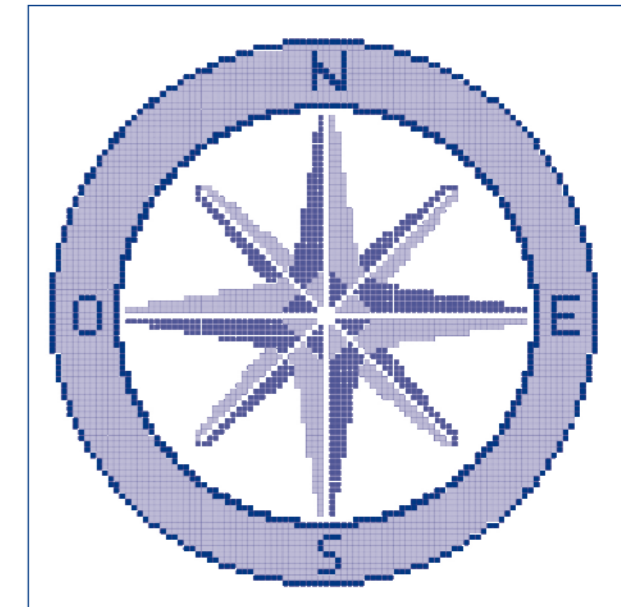
FORMATO · SIZE · FORMAT 2,5 x 2,5 cm



DELFINES JUGANDO 300x300 cm  
Q1



DELFÍN 333x133 cm  
Q2



ROSA DE LOS VIENTOS 267x267 cm  
Q3



CENEFAS N°2  
P1



CENEFAS OLAS  
Q5



**TOGAMA**  
MORE THAN MOSAIC

# PROJECTS



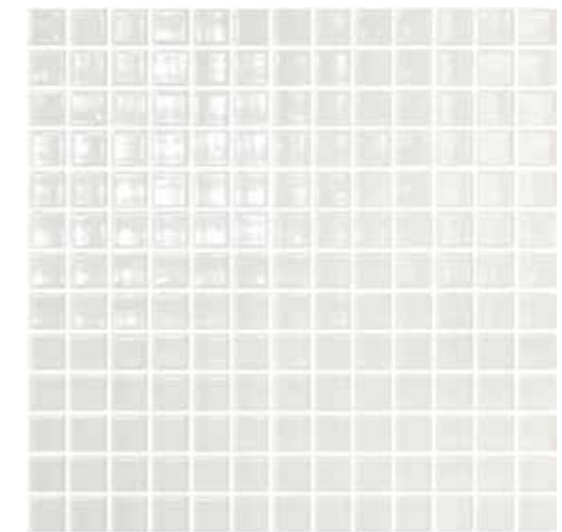


PROJECT  
**CALDEA KIDS**  
ANDORRA

BLANCO SILK  
202 SILK  
NIEBLA NARANJA

PG.107



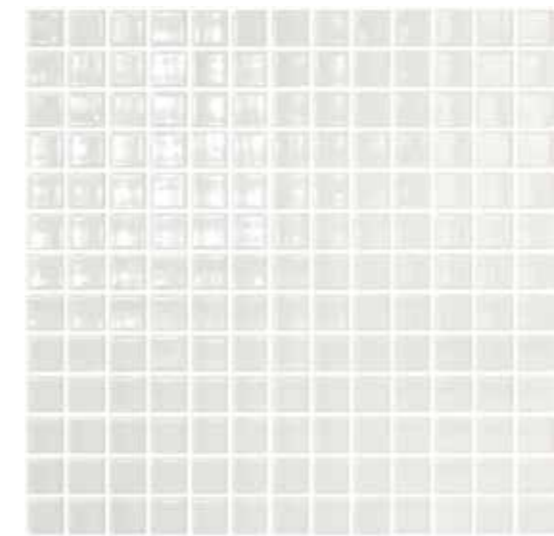


PROJECT  
**SHA WELLNESS CLINIC SPA**  
ALICANTE, SPAIN

BLANCO

PG.109



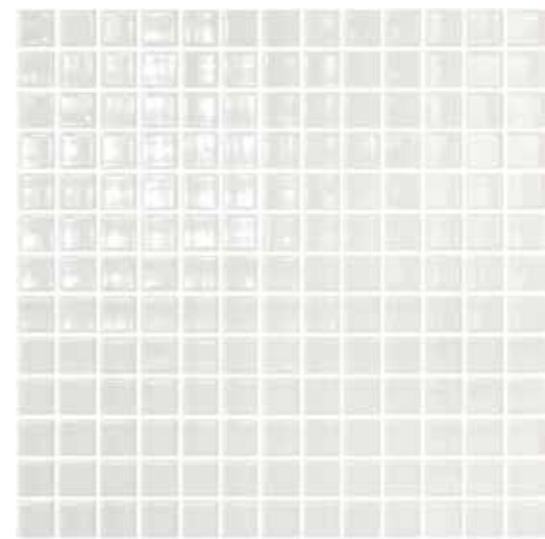


PROJECT  
RESIDENTIAL POOLS

BLANCO

PG.111

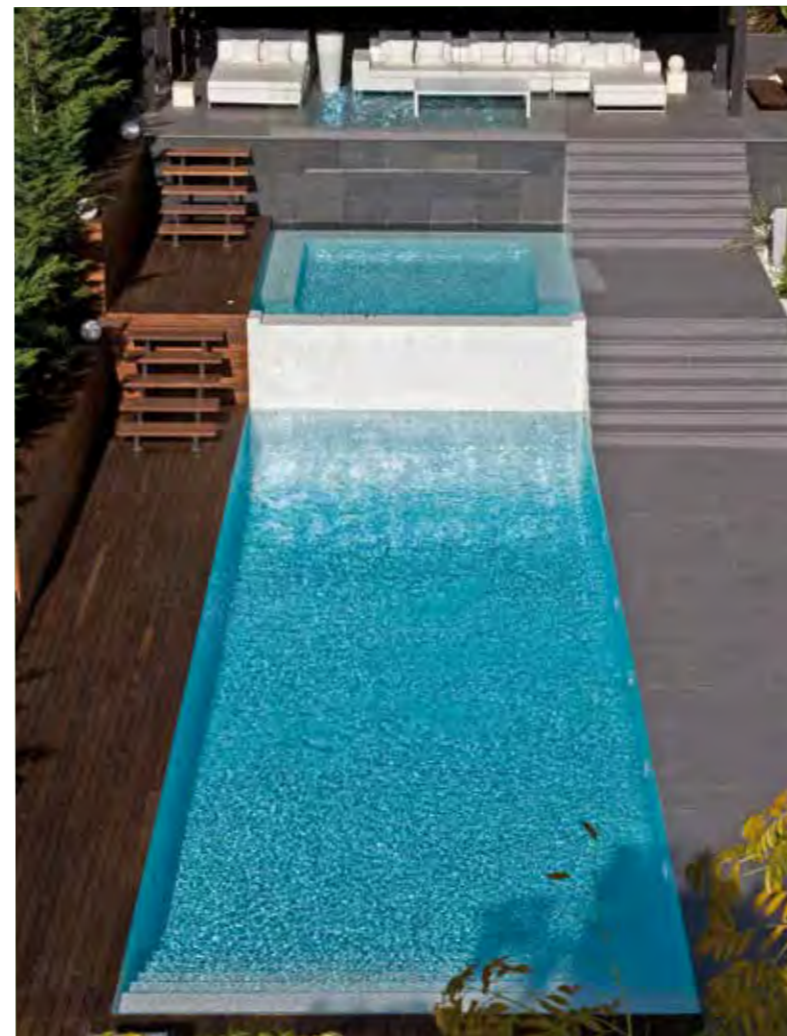




PROJECT  
RESIDENTIAL POOLS

BLANCO

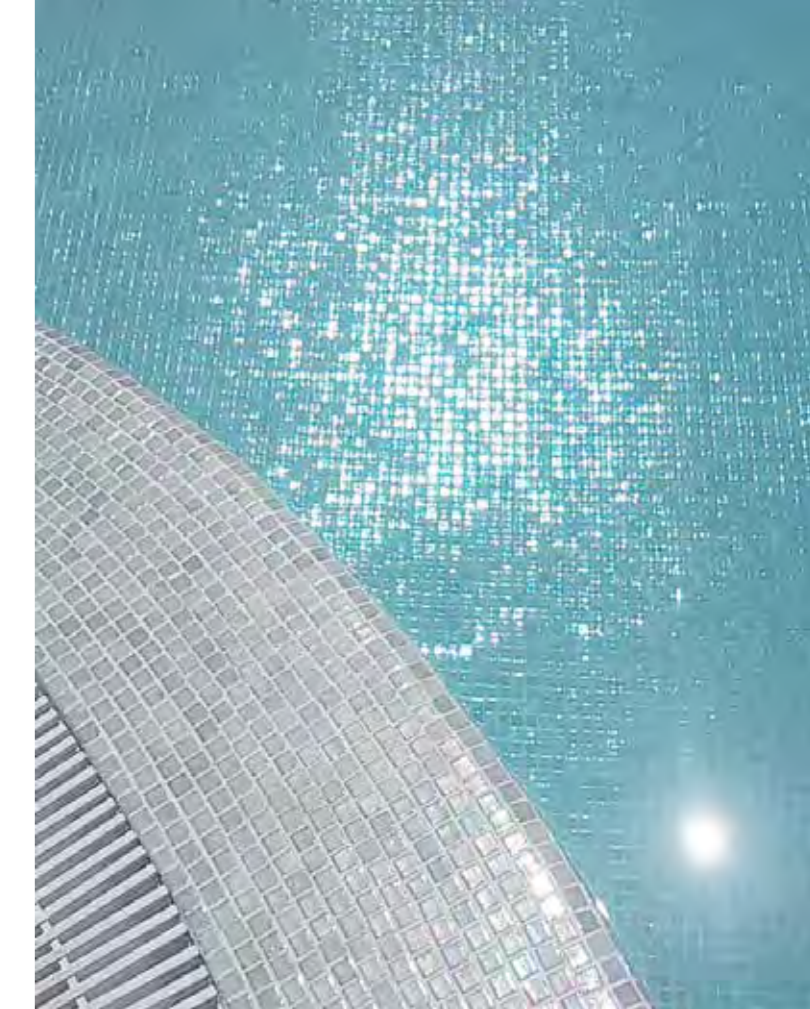




PROJECT  
RESIDENTIAL POOLS

GLOSSY G305

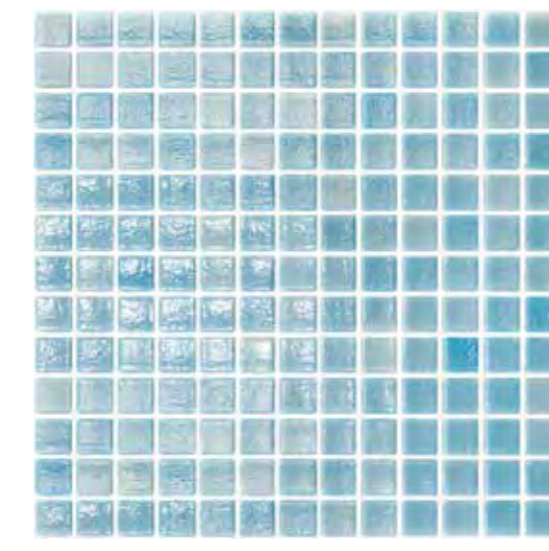
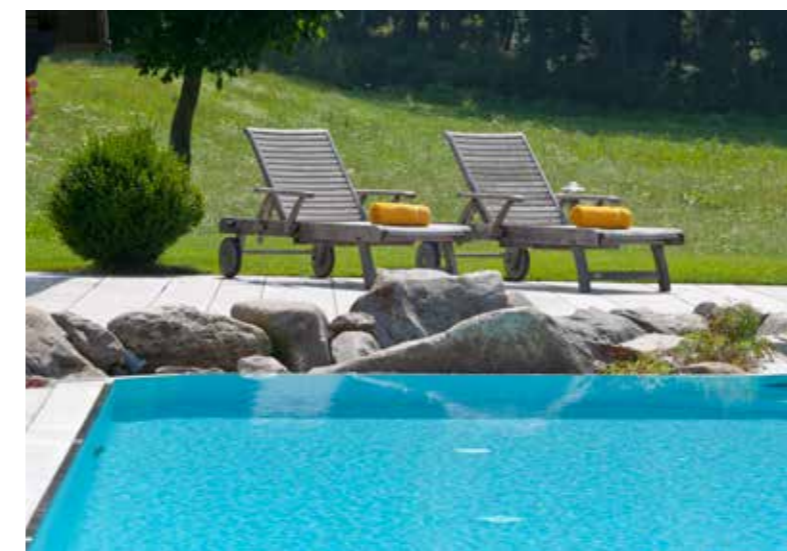




PROJECT  
**PRIVATE VILLA**  
IBIZA, SPAIN

GLOSSY G320

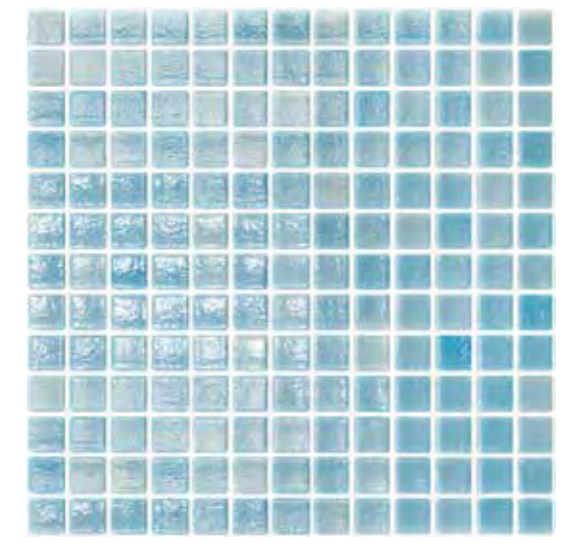




PROJECT  
RESIDENTIAL POOLS

NIEBLA PISCINA

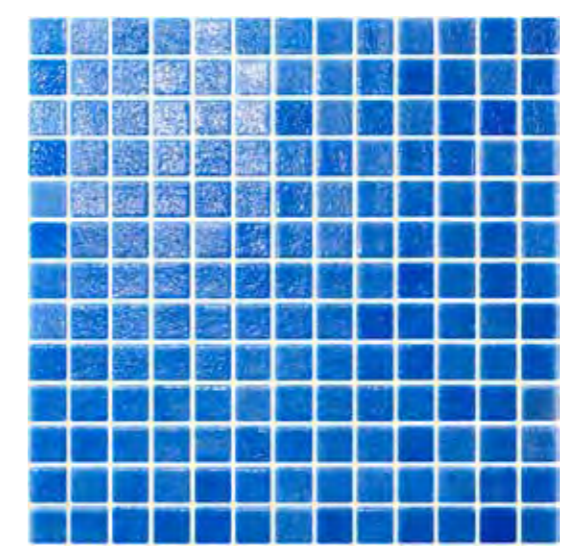




PROJECT  
**LOS VENEROS**  
PUERTO VALLARTA, MEXICO

NIEBLA PISCINA



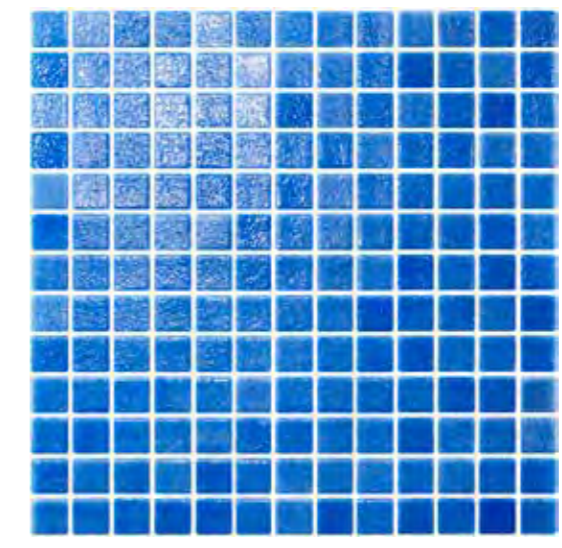


PROJECT  
**HOTEL AZUL**  
PUERTO VALLARTA, MEXICO

NIEBLA AZUL

PG.123

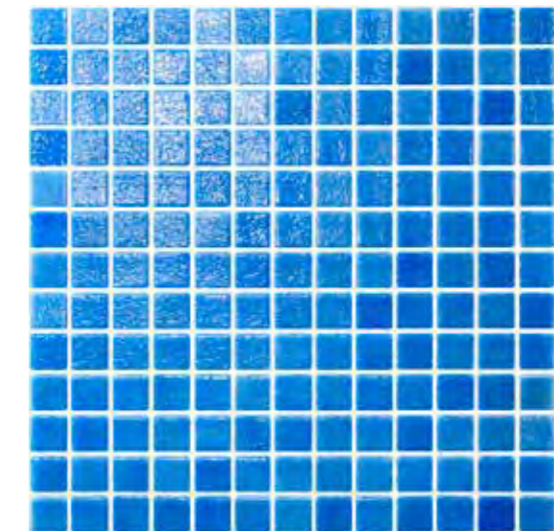




PROJECT  
**RESIDENTIAL POOLS**

NIEBLA AZUL





PROJECT  
**RESIDENTIAL POOLS**

NIEBLA AZUL

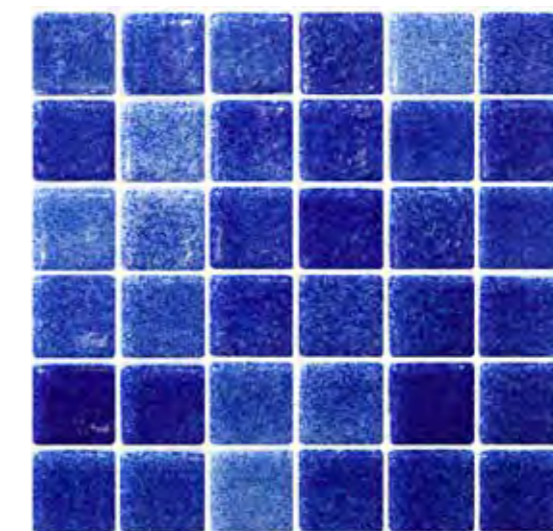




PROJECT  
RESIDENTIAL POOLS

NIEBLA FUERTE 5x5

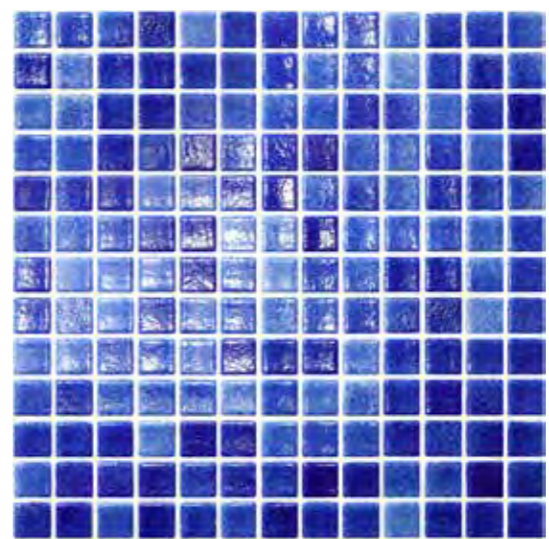




PROJECT  
RESIDENTIAL POOLS

NIEBLA FUERTE 5x5





PROJECT  
RESIDENTIAL POOLS

NIEBLA FUERTE

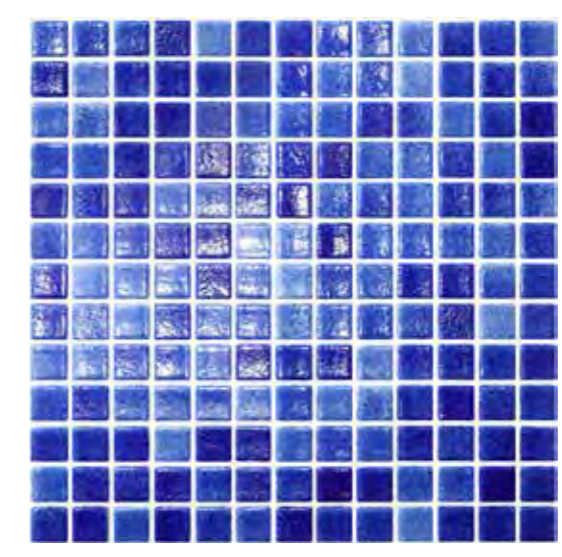
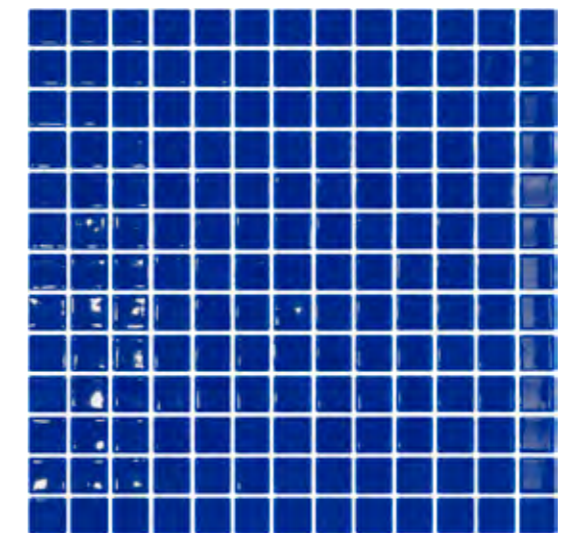




PROJECT  
**RESIDENTIAL POOLS**

NIEBLA PISCINA  
NIEBLA FUERTE  
NIEBLA AZUL

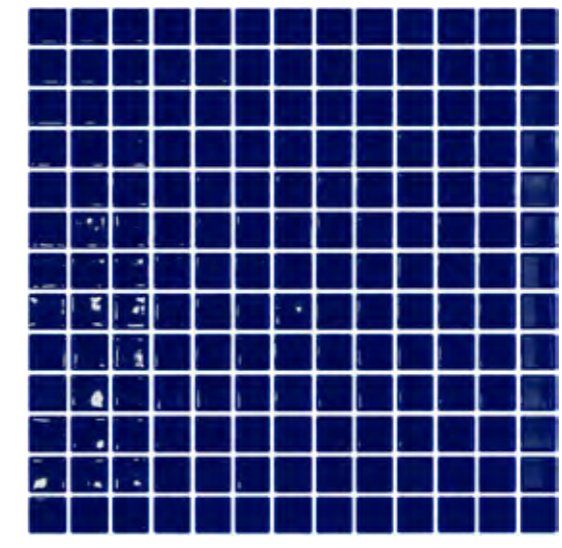




PROJECT  
**HOTEL & RESORT**  
MALDIVES ISLANDS

AZUL FUERTE  
NIEBLA FUERTE

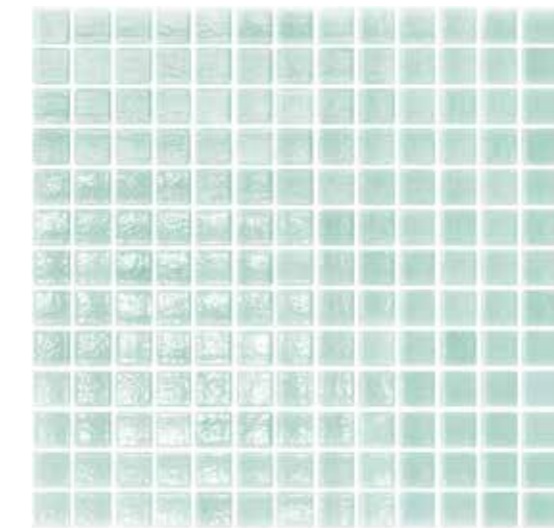




PROJECT  
RESIDENTIAL POOLS

AZUL COBALTO

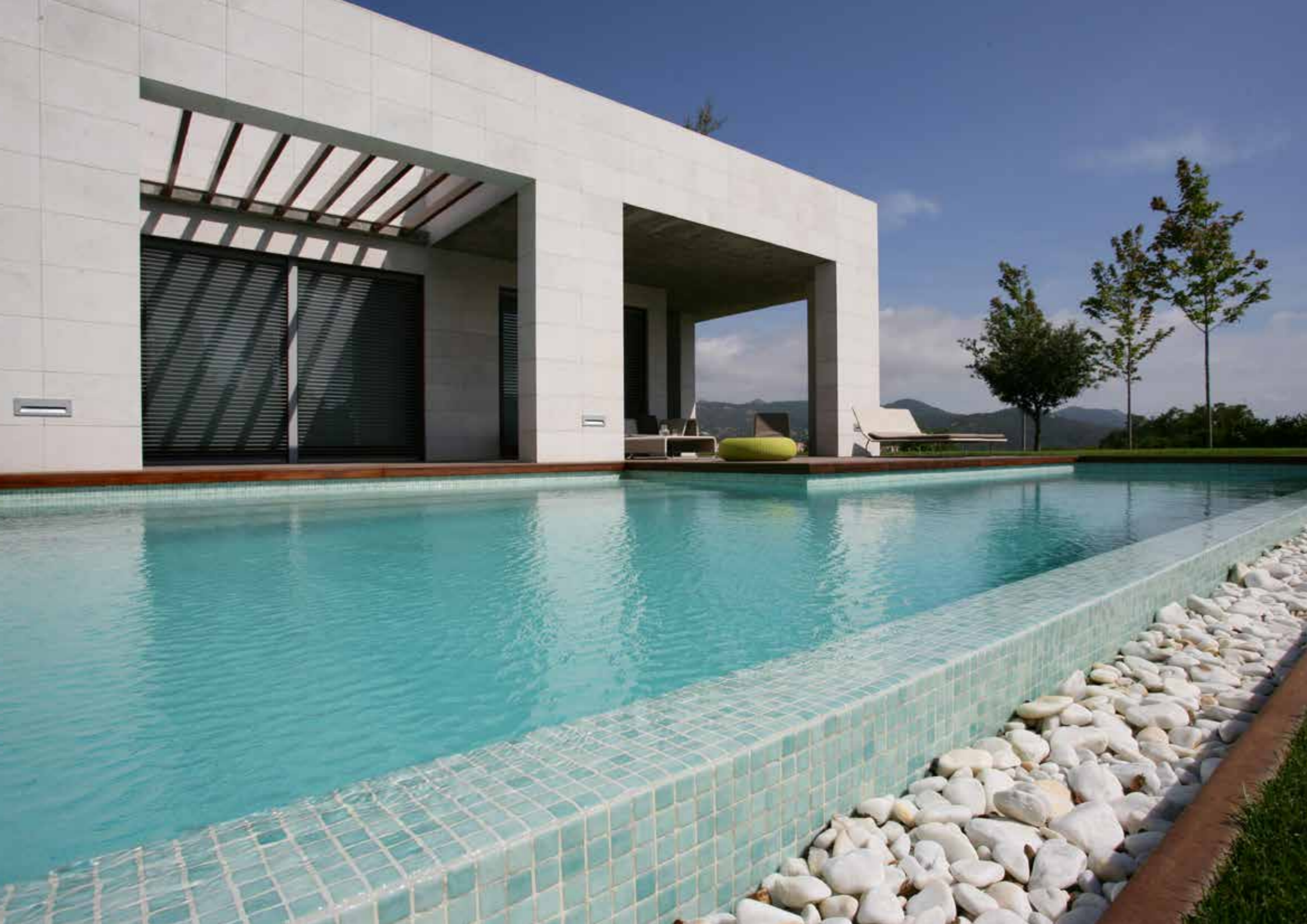




PROJECT  
**PRIVATE VILLAS**  
COSTA RICA

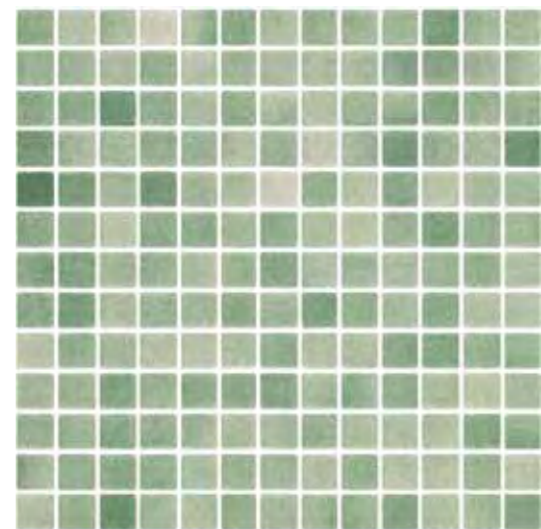
NIEBLA MENTA





PROJECT  
RESIDENTIAL POOLS



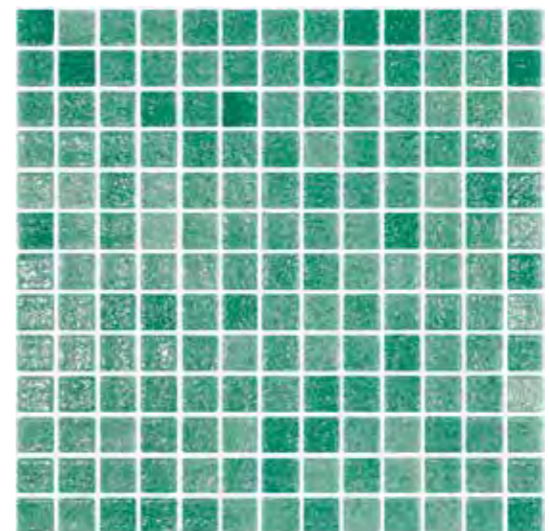


PROJECT  
**SIRENNIS COUNTRY CLUB**

IBIZA, SPAIN

203 SILK

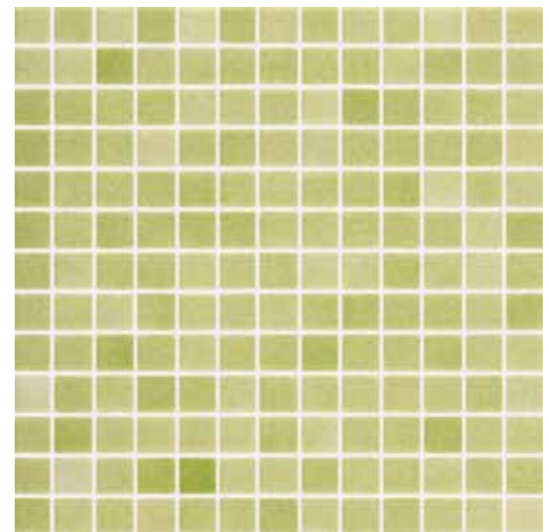




PROJECT  
RESIDENTIAL POOLS

203

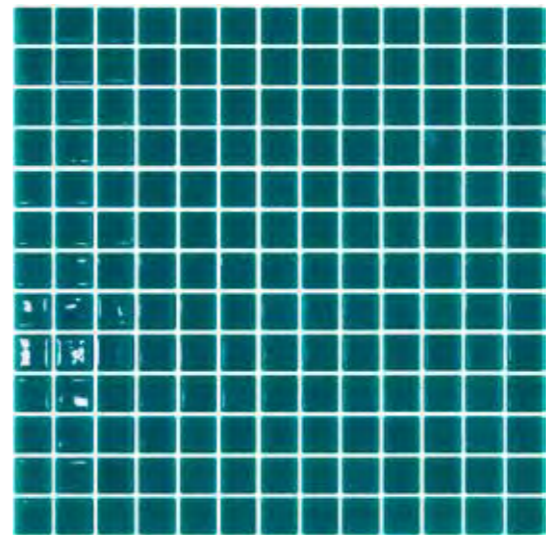




PROJECT  
**HOTEL RESORT**  
MALLORCA, SPAIN

211 SILK



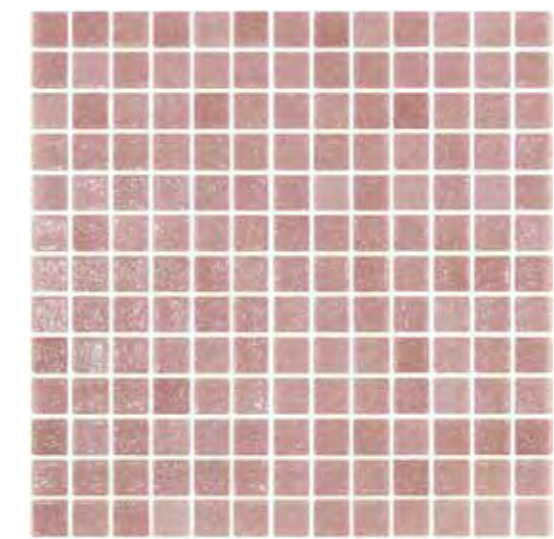


PROJECT  
**PRIVATE VILLAS**  
COSTA RICA

252

PG.151



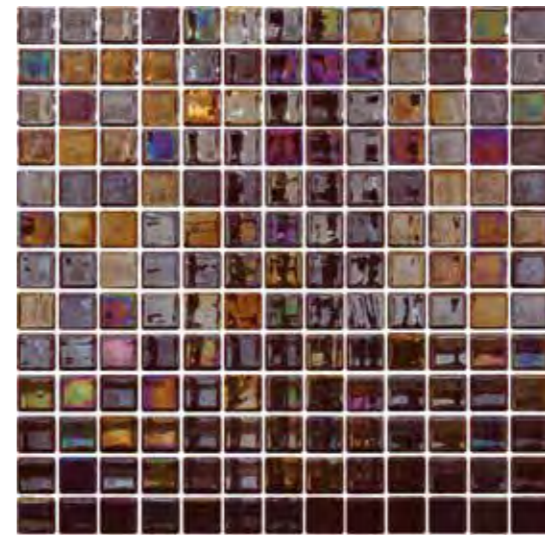
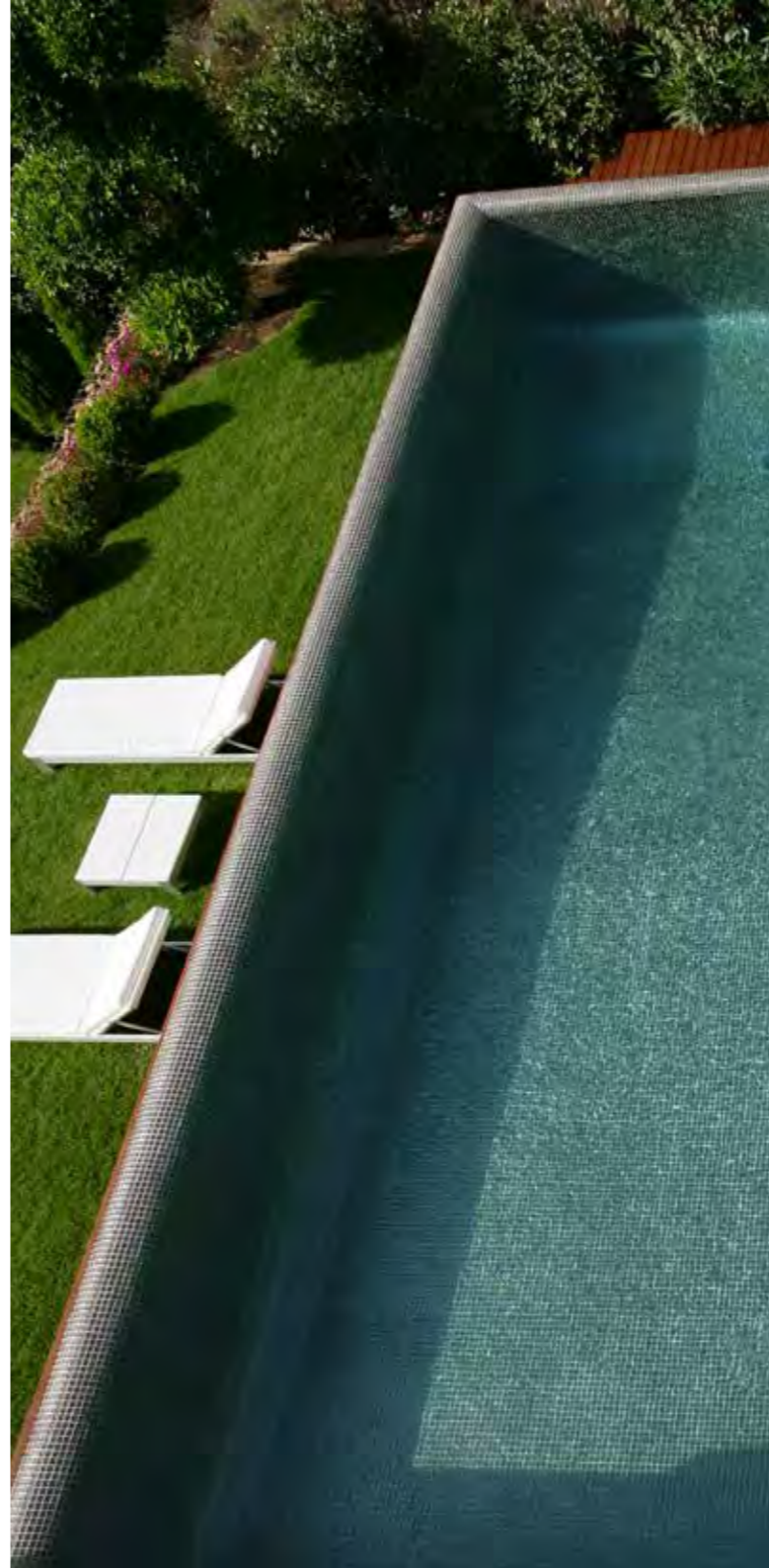


PROJECT  
RESIDENTIAL POOLS

205

PG.153

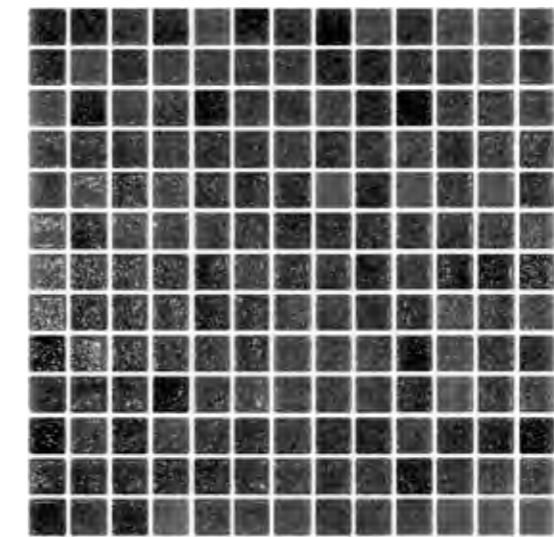




PROJECT  
RESIDENTIAL POOLS

GLOSSY G 304





PROJECT  
**PRIVATE VILLAS**  
CÔTE D'AZUR, FRANCE

NIEBLA NEGRO

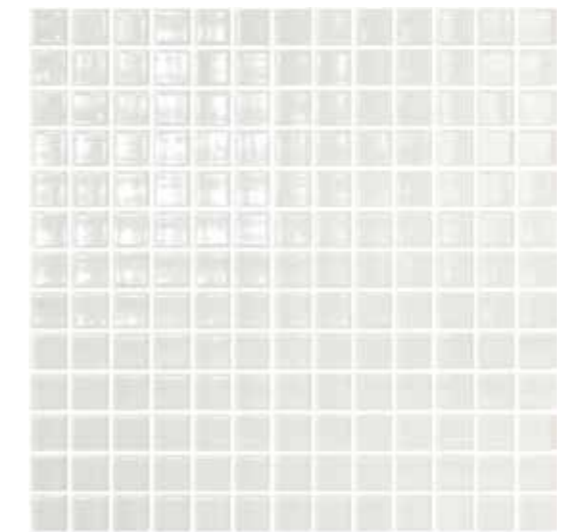


P  
**TOGAMA**  
MORE THAN MOSAIC

P  
R  
R  
O  
O  
J  
J  
E  
E  
F  
F  
A  
A  
C  
C  
A  
A

P  
R  
O  
J  
E  
C  
T  
S  
P  
R  
O  
J  
E  
C  
T  
S  
D  
D  
F  
A  
C  
E  
D  
E  
S  
D  
E  
S





PROJECT  
**LA SIMONA**  
MONACO

BLANCO



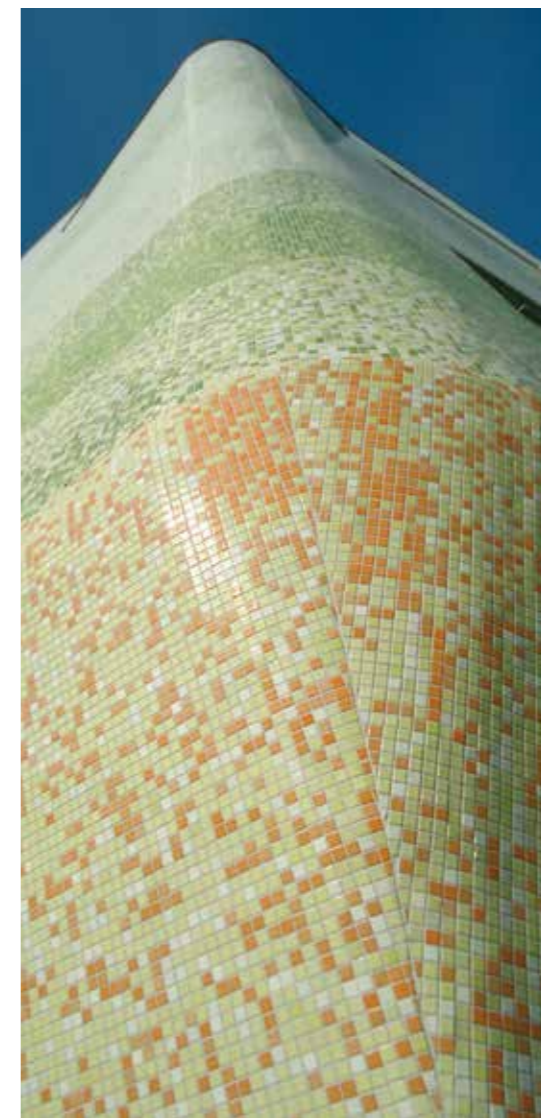
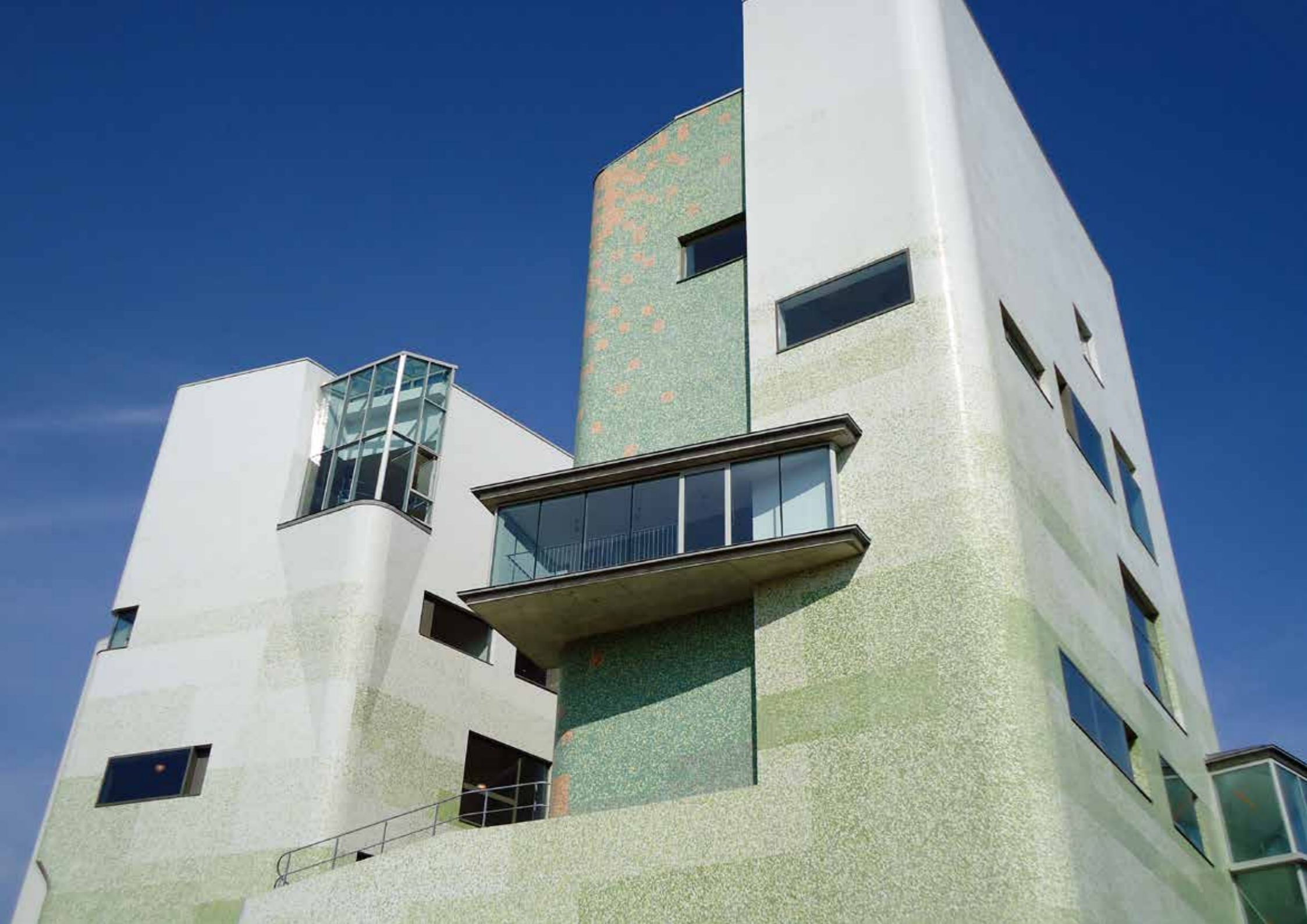


PROJECT  
**SERPANTIN**  
PARIS, FRANCE

CUSTOM DESIGN

PG.163





PROJECT  
**AUBERVILLIERS**  
PARIS, FRANCE

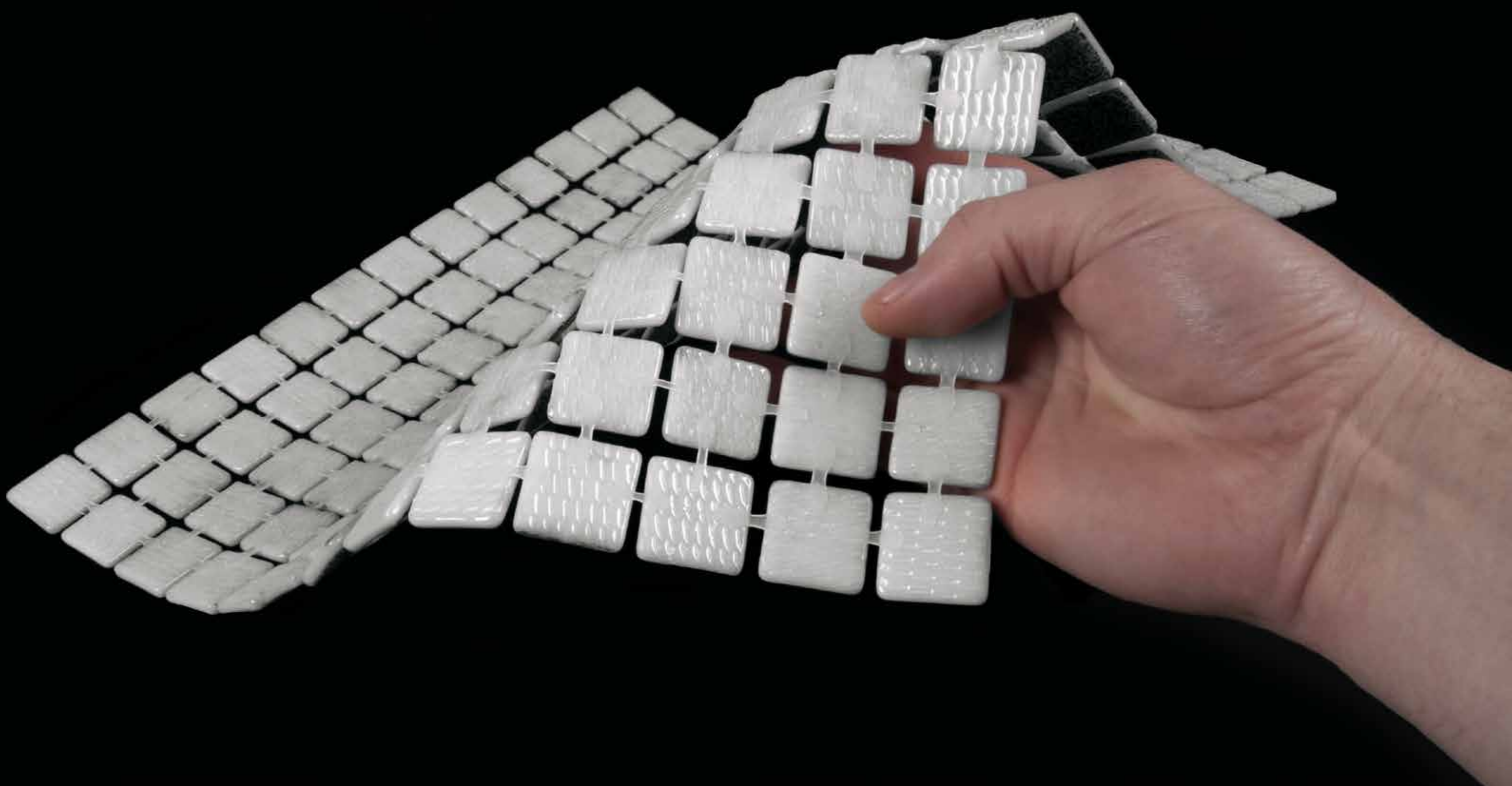
CUSTOM DESIGN





# TECHNICAL FEATURES





**Resistencia**  
Resistance  
Résistance  
Resistenz

**Durabilidad**  
Durability  
Durable  
Haltbarkeit

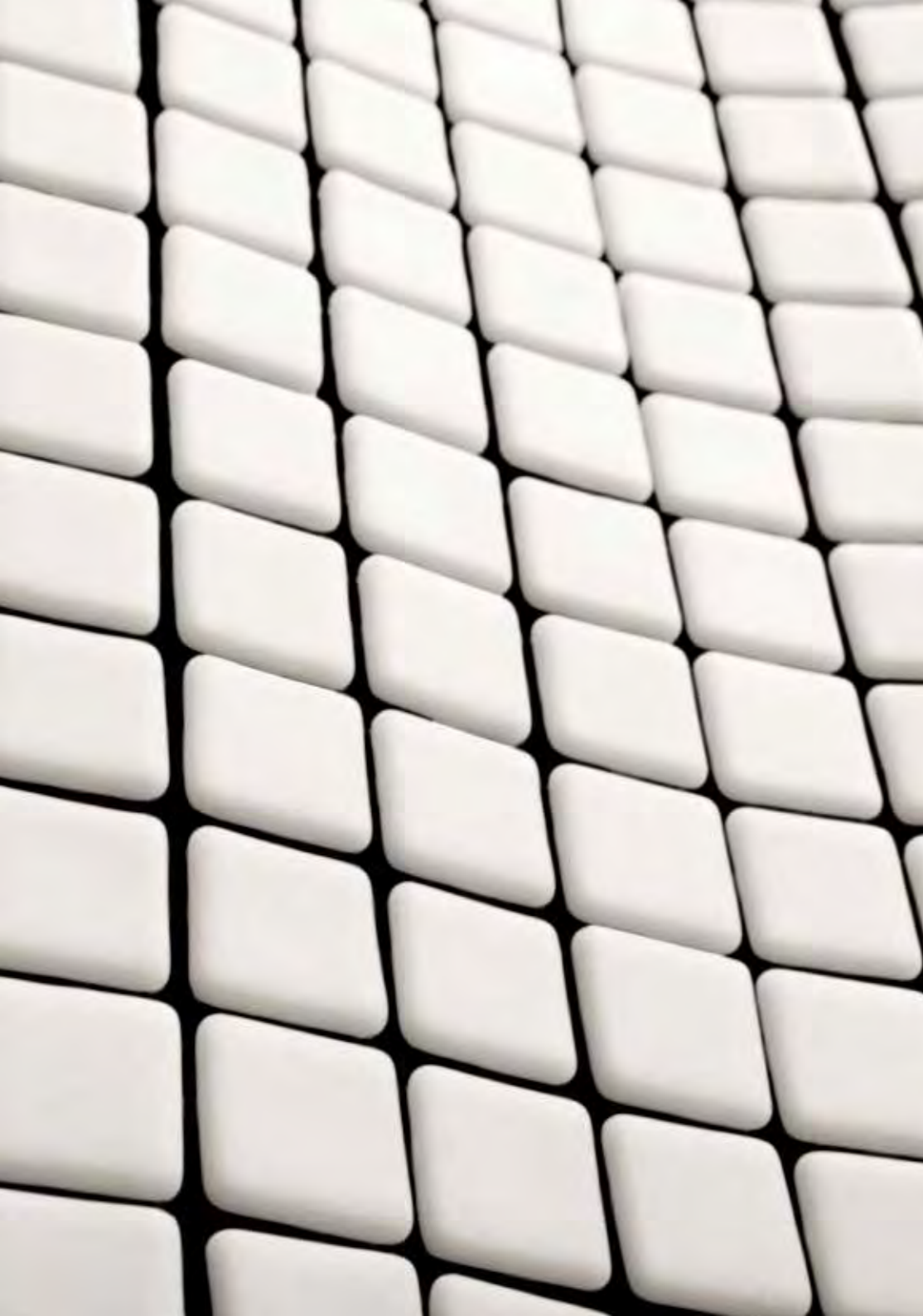
**Fácil Colocación**  
Easy Installation  
Facile Installation  
Einfache Verlegung

**Flexibilidad**  
Flexibility  
Fléxibilité  
Flexibilität

**No invade las juntas**  
Does not invade the joints  
Il n'envaisse pas le joint  
Dringt nicht in die Fuge ein

**Excelente Agarre**  
Excellent Grip  
Acrochage Excellent  
Exzellente Haftung





# TECHNICAL FEATURES

NORMA	DESCRIPCIÓN NORMA	LISOS Y NIEBLAS	SILK: MATT & ANTISLIP	NACARADOS	METALIZADOS	GEA	5x5 IRON
UNE-EN ISO 10545-3	ABSORCIÓN DE AGUA / WATER ABSORPTION ABSORTION D'EAU / WASSERAUFNAHME	< 0,10%	<0,10%	<0,10%	<0,10%	<0,10%	<0,10%
UNE-EN ISO 10545-12	RESISTENCIA A LA HELADA / FROST RESISTANCE RÉSISTANCE AU GEL / FROSTBESTÄNDIGKEIT	RESISTE	RESISTE	RESISTE	RESISTE	RESISTE	RESISTE
UNE-EN ISO 10545-13	RESISTENCIA QUÍMICA / CHEMICAL RESISTANCE RÉSISTANCE CHIMIQUE / CHEMIKALIENBESTÄNDIGKEIT	UA/ULA/UHA	UA/ULA/UHA	UA/ULA/UHA	UA/ULA/UHA	UA/ULA/UHA	UA/ULA/UHC
UNE-EN ISO 10545-14	RESISTENCIA A LAS MANCHAS / STAIN RESISTANCE RÉSISTANCE AU XTÂCHE / FLECKENBESTÄNDIGKEIT	CLASE 5	CLASE 5	CLASE 5	CLASE 5	CLASE 5	CLASE 5
UNE 67-101:1985+1M:92	DUREZA AL RAYADO DE LA SUPERFICIE MOHS SCRATCH HARDNESS ACCORDING TO MOHS RÉSISTANCE AUX RAILLURE SELONT PARAMÈTRE MOHS RITZHÄRTE NACH MOHS	4	7	5	4	5	6
UNE-ENV 12633	RESISTENCIA AL DESLIZAMIENTO (PÉNDULO) SLIP RESISTANCE (PENDULUM) COÉFICIENT DE FRICTION DINAMIQUE SELON MÉTHODE (PENDULE) / RUTSCHFESTIGKEIT (PENDULUM)		CLASE 3				
DIN 51130 Apdo 5	ÁNGULO CRÍTICO DE DESLIZAMIENTO (RAMPA) CRITICAL ANGLE OF SLIP (INCLINED PLATFORM) ANGLE CRITIQUE ANTIDÉRAPANT (RAMPE) GRENZ-ABGLEITWINKEL (RAMPE)		R11				
DIN 51097	ÁNGULO CRÍTICO DE DESLIZAMIENTO. ZONAS HUMEDAS DE ANDAR DESCALZO. CRITICAL ANGLE OF SLIP. WET-LOADED BAREFOOT AREAS ANGLE CRITIQUE ANTIDÉRAPANT EN ZONES HUMIDES A PIED NUE GRENZ-ABGLEITWINKEL. BARFUß-NASS BEREICH		CLASE C				
ISO/DIS 10545-17	COEFICIENTE DE FRICCIÓN DINÁMICO (TORTUS) DYNAMIC COEFFICIENT OF FRICTION (TORTUS) COÉFICIENT DE FRICTION DINAMIQUE (TORTUS) DYNAMISCHER REIBUNGSKOEFFIZIENT (TORTUS)		SATISFACTORIO				



**TOGAMA**  
MORE THAN MOSAIC

“El contenido de esta Autodeclaración Ambiental de Producto cumple con los requisitos establecidos en la norma UNE EN ISO 14021 y ha sido verificada por el Instituto de Tecnología Cerámica en fecha 01/12/2014”.

Documento enmarcado en el proyecto ECHOES, financiado por el programa CIP-EIP de la Comisión Europea (referencia ENT/CIP/12/D/N04500) en el que el Instituto de Tecnología Cerámica (ITC) participa como experto subcontratado por el IVACE.



87%

## ECHOES

Eco-Design of Habitat Optimising Energy for Sustainability

**AUTODECLARACIÓN AMBIENTAL DE PRODUCTO**  
Según UNE-EN ISO 14021

MOSAICO DE VIDRIO		
Familia	Marca	Muestrario de color
Lisos	Togama	Gama completa
Nacarados	Togama	Gama completa
Liso antideslizante	Togama - Silk	Gama completa
Nieblas	Togama	Gama completa
Nieblas antideslizantes	Togama - Silk	Gama completa
Metalizados	Togama	Gama completa

El mosaico de vidrio fabricado por TOGAMA contiene entre un 87.4% y un 98.7% de contenido en reciclado post-consumo

1m <sup>2</sup> de mosaico de vidrio (incluida la malla)	Marca
Contenido total de sólidos (kg/m <sup>2</sup> )	9,97
Contenido de materia sólida virgen (kg/m <sup>2</sup> )	1,25
Contenido mínimo en material reciclado post-consumo (kg/m <sup>2</sup> )	8,72
<b>CONTENIDO MÍNIMO DE RECICLADO (%) [X=A/P·100]</b>	<b>87,4</b>





# PACKING LIST

FAMILY SÉRIE FAMILIA	FORMAT FORMATO	BOX BOÎTE CAJA				PALLET PALETTE PALET			EUROPALLET EUROPALETTE EUROPALET		
		BOX BOÎTE CAJA	KG/BOX KG/BOÎTE KG/CAJA	SHEETS/BOX PLAQUES/BOÎTE PLACAS/CAJA	DIMENSION OF SHEET MESURE DE LA PLAQUE DIMENSIÓN PLACA (cm)	PALLET PALETTE PALET (m2)	BOXES/PAL BOÎTES/PAL CAJAS/PAL	KG/PAL KG/PAL KG/PAL	EUROPALLET EUROPALETTE EUROPALET (m2)	BOXES/EPAL BOÎTES/EPAL CAJAS/EPAL	KG/EPAL KG/EPAL KG/EPAL
COLOURS	25X25	2 m2	18 kgs	18	33,4 X 33,4	144 m2	72 boxes	1.306 kgs	96 m2	48 boxes	874 kgs
5X5 / SILK	50X50	2 m2	22 kgs	20	30,7 X 30,7	108 m2	54 boxes	1.198 kgs	72 m2	36 boxes	802 kgs
5X5 IRON	50X50	1 m2	11 kgs	10	30,7 X 30,7	108 m2	108 boxes	1.198 kgs	72 m2	72 boxes	802 kgs
SILK	25X25	2 m2	18 kgs	18	33,4 X 33,4	144 m2	72 boxes	1.306 kgs	96 m2	48 boxes	874 kgs
POOL-SPA & WELLNESS	25X25	2 m2	18 kgs	18	33,4 X 33,4	144 m2	72 boxes	1.306 kgs	96 m2	48 boxes	874 kgs
GEA	25X25	2 m2	18 kgs	18	33,4 X 33,4	144 m2	72 boxes	1.306 kgs	96 m2	48 boxes	874 kgs
PASSPORT	25X25	2 m2	18 kgs	18	33,4 X 33,4	144 m2	72 boxes	1.306 kgs	96 m2	48 boxes	874 kgs
METALAIR	25X25	2 m2	18 kgs	18	33,4 X 33,4	144 m2	72 boxes	1.306 kgs	96 m2	48 boxes	874 kgs
MOON	25X25	2 m2	18 kgs	18	33,4 X 33,4	144 m2	72 boxes	1.306 kgs	96 m2	48 boxes	874 kgs
MIX/COMBINAISONS COMBINACIONES	25X25	2 m2	18 kgs	18	33,4 X 33,4	144 m2	72 boxes	1.306 kgs	96 m2	48 boxes	874 kgs
BORDER N°2/FRISE N°2 CENEFA N°2	25X25	11 ml	18 kgs	36	17,80 X 30, 8	792 ml	72 boxes	1.306 kgs	528 ml	48 boxes	874 kgs
GRADIATIONS/DÉGRADÉS DEGRADADOS	25X25	2 m2	18 kgs	18	33,4 X 33,4	144 m2	72 boxes	1.306 kgs	96 m2	48 boxes	874 kgs



**TOGAMA**  
MORE THAN MOSAIC  
2018

**FLUIDRA**  
