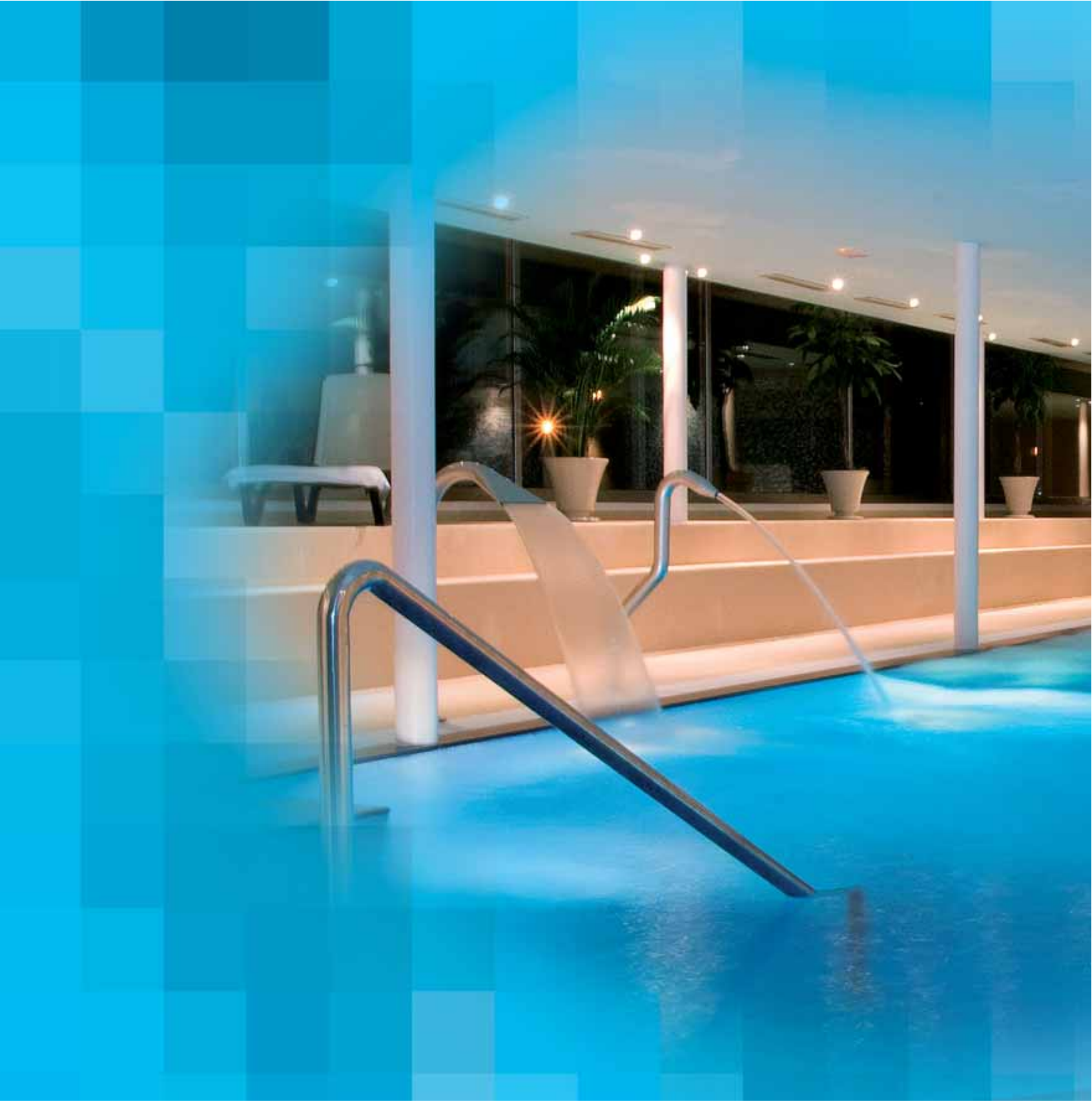
HISPANO ITALIANA DE RESVESTIMIENTOS, S.A.
Apartado 2025 - 39080 Santander - Cantabria - España
Tel.: +34 942 578 006 - Fax: +34 942 578 582
comercial@hisbalit.es
www.hisbalit.es

CATÁLOGO DE PISCINAS
SWIMMING POOLS CATALOGUE



Talasoterapia Gran Hotel del Sella
Proyecto: Subita, s.l. Vaso piscina: Serie Niebla 2,5 cm Ref. Mar, y Degradado Cyan

HISBALIT Vitreous Mosaics are the right solution to cover any type of swimming pool. Carefully selected raw materials and the use of the most modern technology give our constructive material a highly reputed quality.

Inalterable with time, resistant to any type of abrasive cleaning, chemical products or extreme heat.
The texture, colour and shine of the HISBALIT Vitreous Mosaics will always be the same.

We have at your disposal the knowledge and experience acquired during more than 40 years in the industry, and the colours and shapes that will provide a harmonious finish to your project.

Customize your swimming pool, choose the border and design best suited to your liking.

But our catalogue does not end here. We would be delighted to create your own design, personalised panels, digital photographic print-outs, photo luminescent mosaics. Decide and imagine how to style your swimming pool. We will give it shape.

Should you need any further information, visit our web: www.hisbalit.es

Hisbalit is an environmentally committed company.
The glass we use as raw material comes from manufacturing surpluses from the glass industry and is 100% recyclable.
We do not use water as part of our productive process.
We use state-of-the-art machinery and electric kilns that do not generate any waste products or pollutant gases.
All our packaging is made with recycled cardboard.

El Mosaico vítreo HISBALIT es la solución idónea para revestir cualquier tipo de piscina. Una cuidadosa selección de materias primas y el uso de la más moderna tecnología hacen de nuestro revestimiento un material constructivo de calidad rigurosamente contrastada.

Inalterable con el paso de tiempo, resistente a cualquier tipo de limpieza abrasiva, a los productos químicos y al sol extremo.
La textura, color y brillo del Mosaico Vítreo HISBALIT será siempre el mismo.

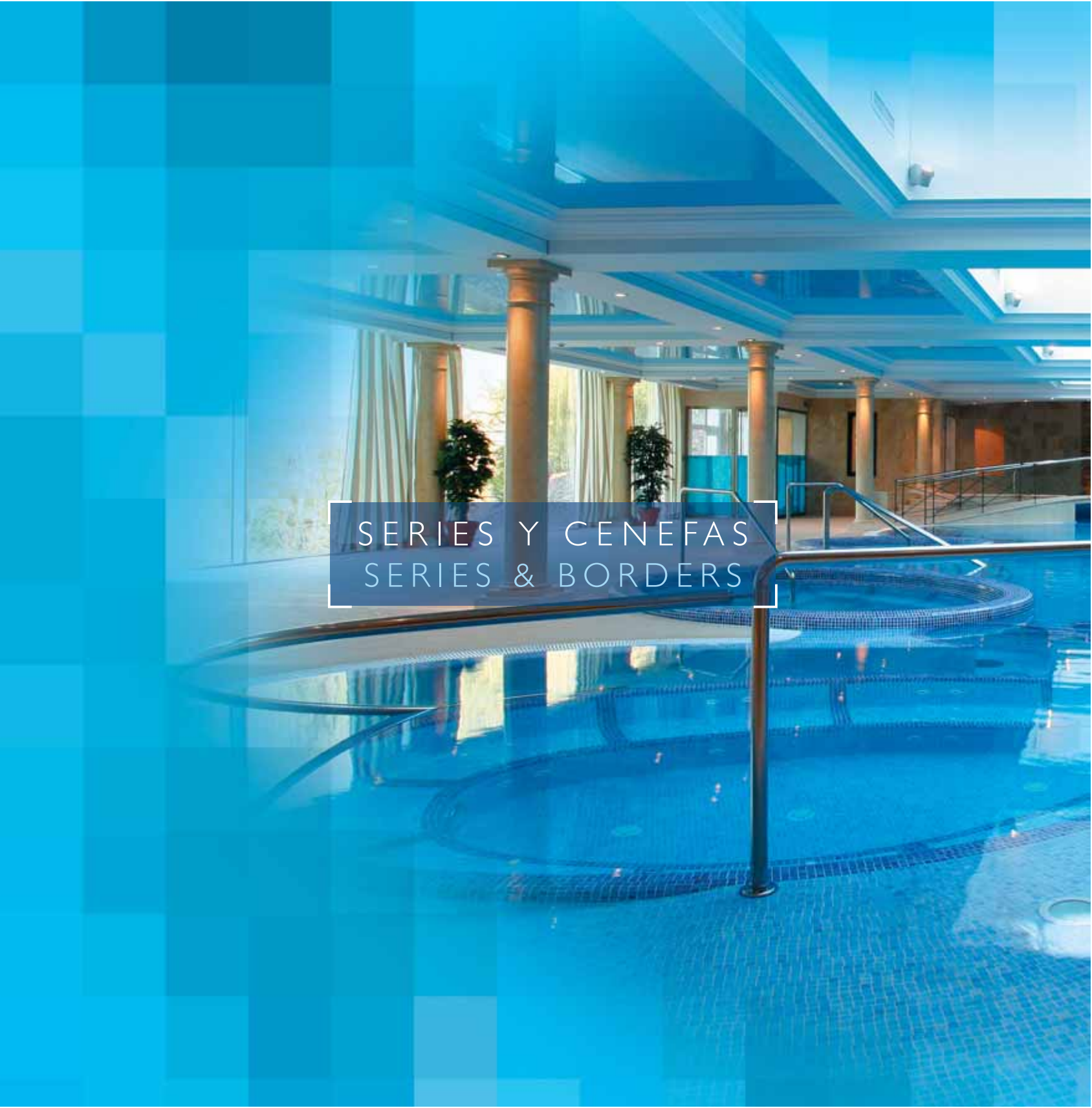
Hoy ponemos a tu disposición el conocimiento y la experiencia adquirida desde hace más de 40 años en el sector, los colores y formas que dotarán de una perfecta armonía a tu proyecto

Dale a tu piscina personalidad propia, elige la cenefa y el dibujo que más se adapte a tu gusto.

Pero nuestro catálogo no termina aquí, estaremos encantados de crear cualquier diseño própio, murales personalizados, impresiones fotográficas digitales, mosaicos foto-luminiscentes. Decide e imagina como vestir tu piscina. Nosotros la daremos forma.

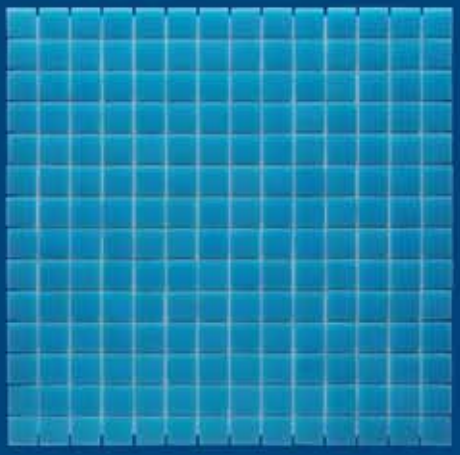
Para más información visita nuestra web: www.hisbalit.es

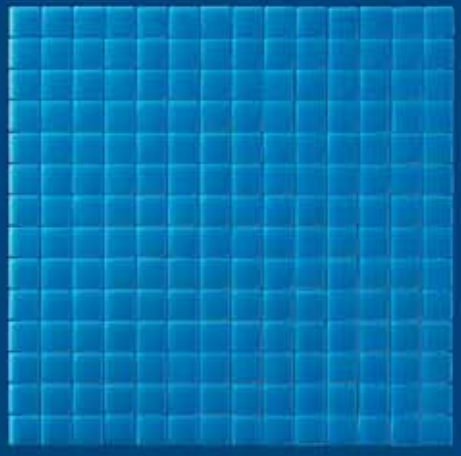
Hisbalit es una empresa ecológica y comprometida con el medio ambiente.
El vidrio que utilizamos como principal materia prima proviene de excedentes de fabricación de cristaleras, y es 100% reciclable.
No empleamos agua en nuestro proceso productivo.
Empleamos maquinaria y hornos eléctricos de última generación que no generan residuos ni gases contaminantes.
Todos nuestros embalajes están elaborados con cartón reciclado.



SERIES Y CENEFAS
SERIES & BORDERS

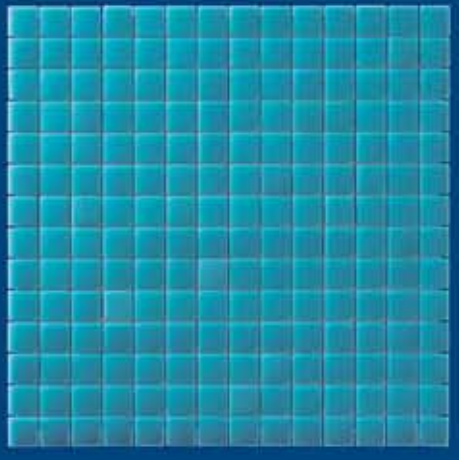
Templo del Agua; Gran Hotel Balneario Puente Viesgo
Vaso de piscina: Serie Niebla 2,5 cm Ref. Mar, y Marcaje Ref. Jónico

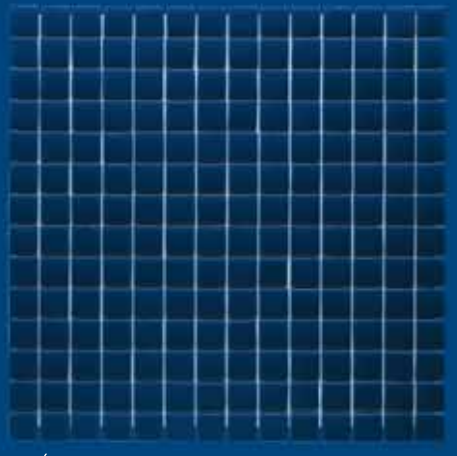

SAJA


EBRO

NANSA

PAS


DEVA


ASÓN

ACABADOS / FINISH

L — Brillo / Glossy

B — Antideslizante / Nonskid

FORMATOS / FORMATS

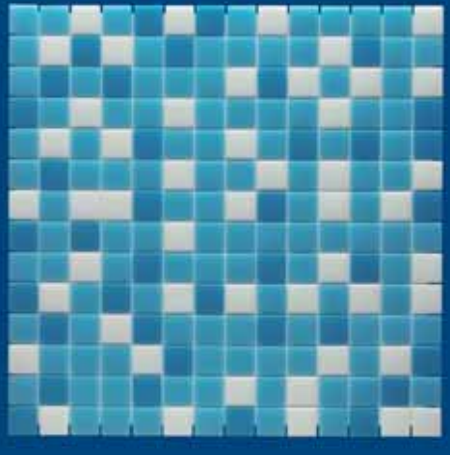
2 — 25x25 mm. / 0,98x0,98 inch.

3 — 30x30mm. / 1,18x1,18 inch.

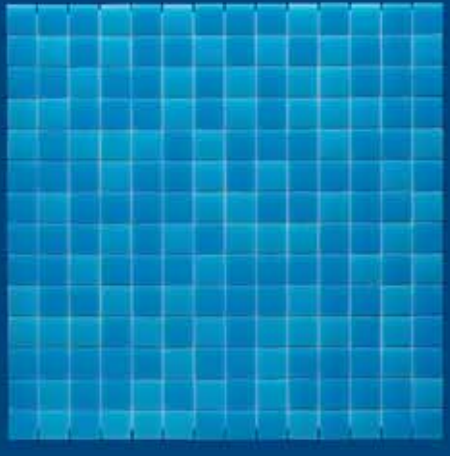
H — Hexagonal / Hexagonal

Por tratarse de reproducciones fotográficas, los colores pueden variar ligeramente.

Colours may change slightly since these are just photographic reproductions.



SOMO



NOJA

ISLA

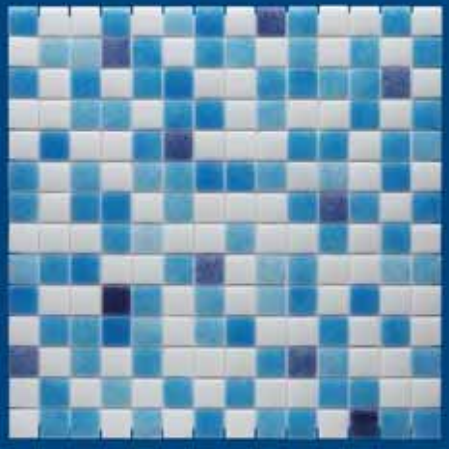
MAR

EGEO

CARIBE

JÓNICO

ÁRTICO



CORAL

TIMOR

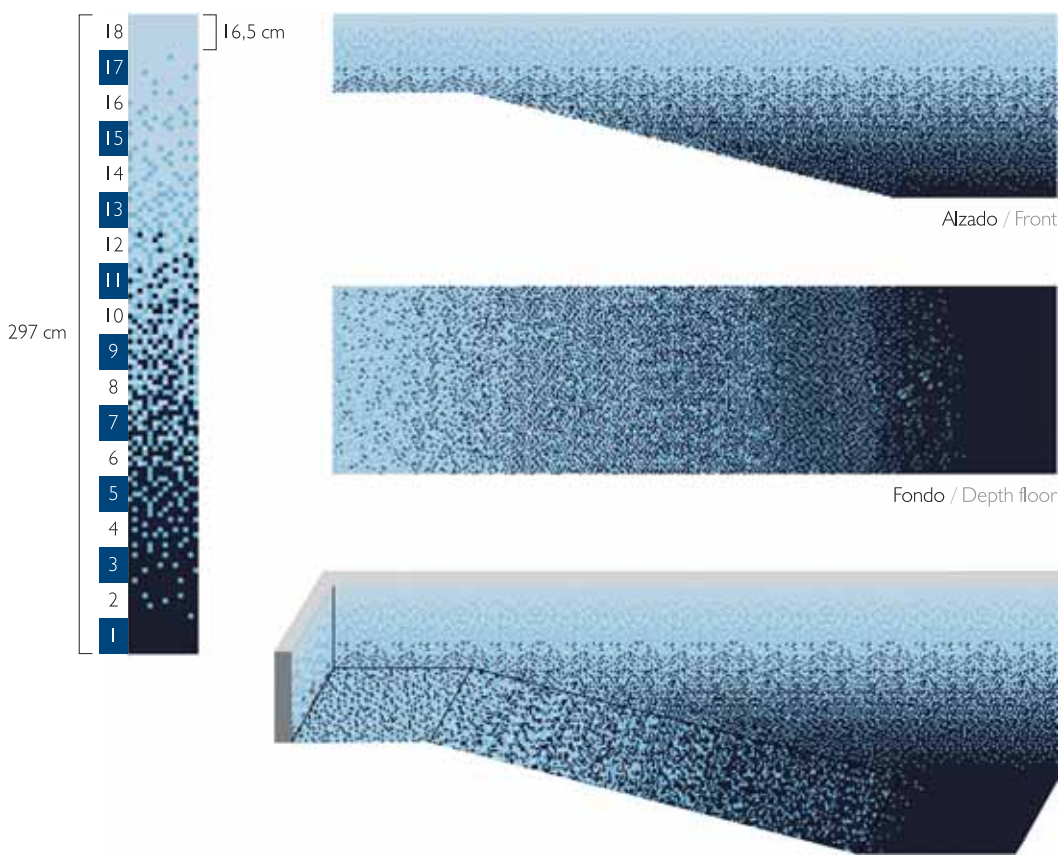
CASPIO

DEGRADADOS

Se realizan degradados personalizados bajo pedido en las medidas y combinaciones de colores solicitadas.

GRADATIONS

Personalised gradations are made to order in the requested measures and colour combinations.



Alzado / Front

Fondo / Depth floor

2 paredes y fondo / 2 walls and depth floor

150 cm. / 59.05 inch.

CIAN DEGRADADO
240A-241A-180A-103A

AZUL DEGRADADO
142C-140A-132A-131A

GRIEGA

PERSA

BIZANTINA

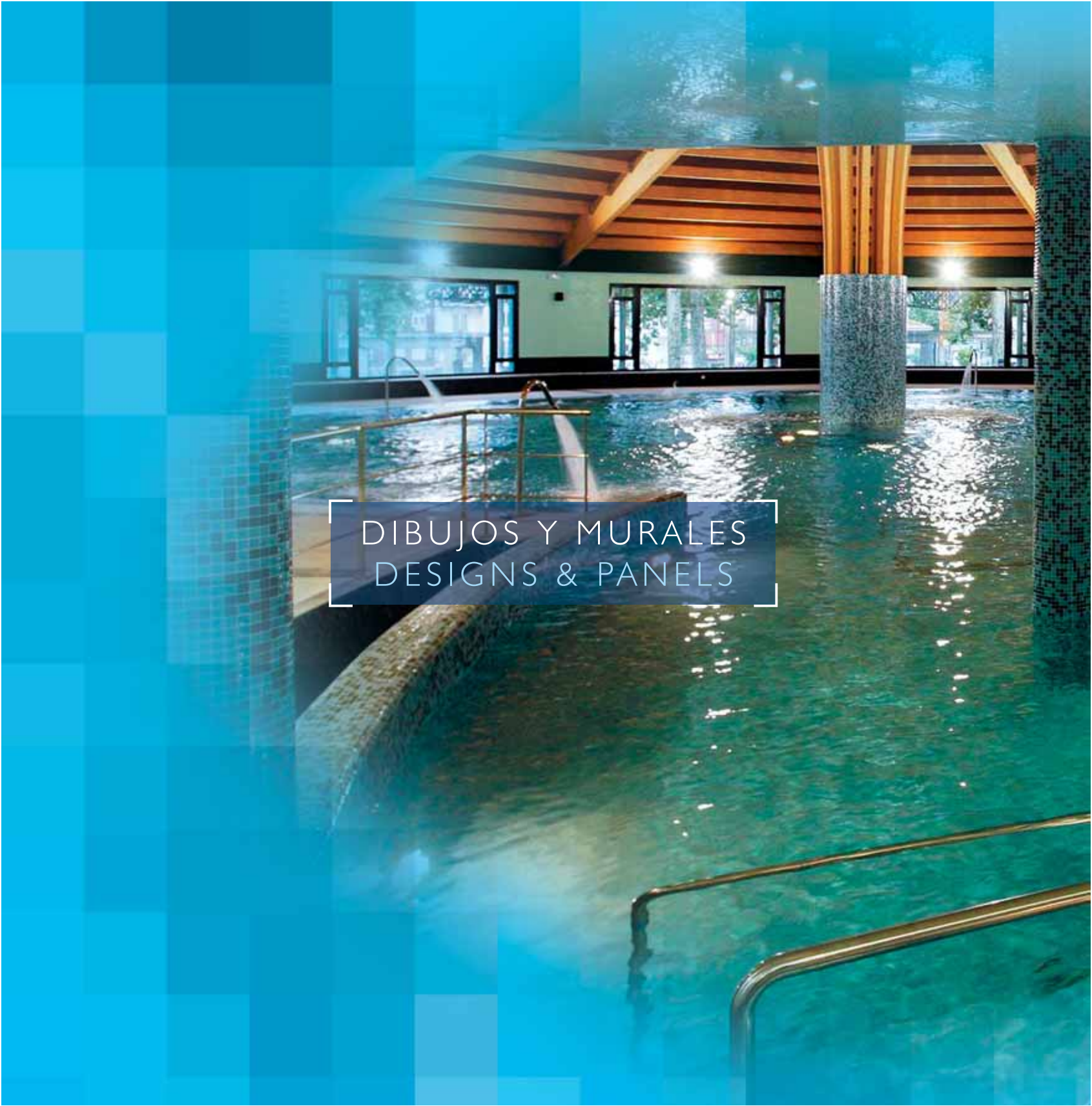
EGIPCIA

FENICIA

INCA

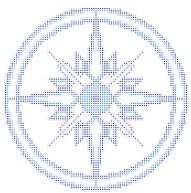
MINOICA

Se elaboran todo tipo de cenefas personalizadas bajo pedido / Any type of customized frieze may be ordered.

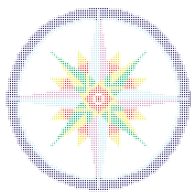


DIBUJOS Y MURALES
DESIGNS & PANELS

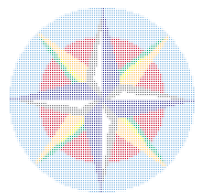
Hotel Balneario de Solares
Vaso piscina y paramentos verticales Mezcla personalizada Serie Unicolor 2,5 cm 180-A + 220-A



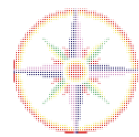
REF. 0105
Rosa azul y blanca
2,00 x 2,00 m.
78.74 x 78.74 inch.



REF. 0205
Rosa de los vientos
2,00 x 2,00 m.
78.74 x 78.74 inch.

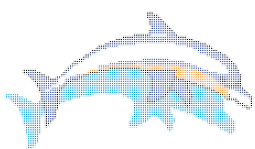


REF. 005
Compás
2,00 x 2,00 m.
78.74 x 78.74 inch.



REF. 0305
Rosa de los vientos (pequeña)
1,33 x 1,33 m.
52.36 x 52.36 inch.

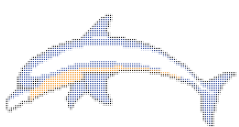
REF. 5505
Fliper
2,00 x 1,31 m.
78,74 x 52.36 inch.



REF. 1605
Delfín con sombra
2,76 x 1,64 m.
108.66 x 64.57 inch.

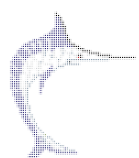
REF. 2805
Pez espada
1,50 x 1,50 m.
59.05 x 59.05 inch.

REF. 5105
Estrella DE MAR
1,21 x 1,31 m.
47.63 x 51.57 inch.



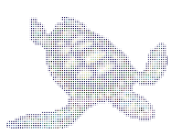
REF. 0505
Delfín
2,66 x 1,33 m.
104.72 x 52.36 inch.

REF. 1105
Delfín pequeño
1,57 x 0,74 m.
61.81 x 29.13 inch.



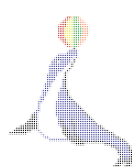
REF. 1305
Marlin
1,43 x 1,67 m.
56.29 x 65.75 inch.

REF. 5705
Pingüino
1,33 x 2,00 m.
52.36 x 78.74 inch.

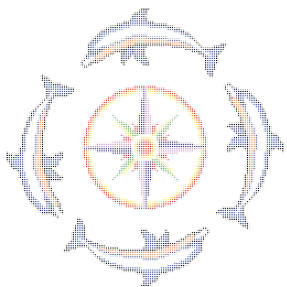


REF. 1405
Tortuga verde
1,74 x 1,26 m.
68.50 x 49.60 inch.

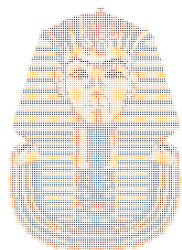
REF. 0805
Sirena
1,17 x 2,09 m.
46.06 x 82.28 inch.



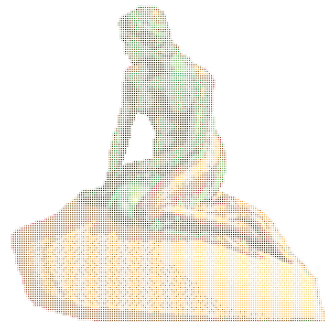
REF. 1505
Foca con pelota
1,33 x 1,67 m.
52.36 x 65.74 inch.



REF. 6305
Grupo 4 Delfines con rosa
3,00 x 3,00 m.
118.11 x 118.11 inch.

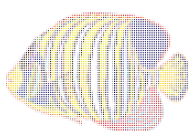


REF. 3007 Faraón
2,00 x 2,67 m.
78.74 x 105.11 inch.



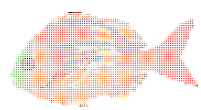
REF. 3007 Sirena de Copenhague
3,43 x 3,43 m.
135.03 x 135.03 inch.

PECES TROPICALES / TROPICAL FISH DESIGNS

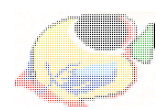


REF. 2405 Pez colores
2,00 x 1,33 m.
78.74 x 52.36 inch.

REF. 4805 Pez mariposa
1,31 x 1,17 m.
51.57 x 46.06 inch.



REF. 0107 Colisa roja
2,00 x 1,00 m.
78.74 x 39.37 inch.



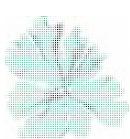
REF. 0207 Pez ángel
1,50 x 1,00 m.
59.05 x 39.37 inch.

REF. 0307 Pez verde
1,12 x 0,69 m.
44.09 x 27.16 inch.

REF. 0407 Pez azul
0,95 x 0,69 m.
37.40 x 27.16 inch.

REF. 0507 Pez rojo
0,81 x 0,52
31.89 x 20.47 inch.

REF. 0607 Pez amarillo
0,76 x 0,38 m.
29.92 x 14.96 inch.



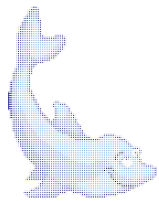
REF. 1107 Alga verde
1,33 x 1,40 m.
52.36 x 55.11 inch.

REF. 0707 Coral
1,00 x 0.90 m.
39.37 x 35.43 inch.

REF. 0907 Fucus rojo
1,55 x 1,40 m.
61.02 x 55.11 inch.

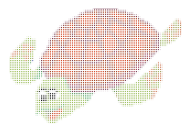
REF. 1007 Ulva azul
1,14 x 1,26 m.
44.88 x 49.60 inch.

REF. 20105
Trompetero
1,38 x 2,00 m.
54.33 x 78.74 inch.



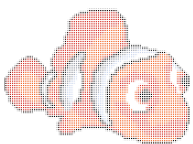
REF. 20205
Delfín playero
1,60 x 2,07 m.
62.99 x 81.50 inch.

REF. 20305
Foca polar
1,36 x 2,00 m.
53.54 x 78.74 inch.

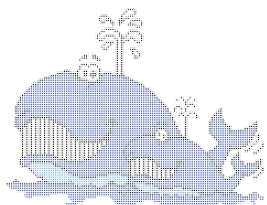


REF. 20405
Tortuga arrecife
1,86 x 1,24 m.
73.23 x 48.81 inch.

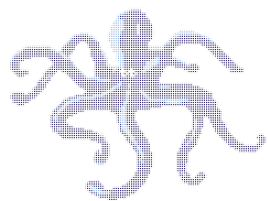
REF. 20505
Pulpito
1,31 x 1,00 m.
51.57 x 39.37 inch.



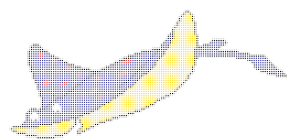
REF. 20605
Pez payaso
2,00 x 1,48 m.
78.74 x 58.26 inch.



REF. 20705
Familia de ballenas
2,78 x 2,12 m.
109.45 x 83.46 inch.



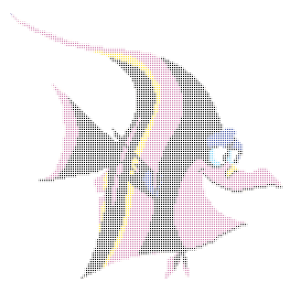
REF. 20805
Octopus
2,86 x 2,17 m.
112.60 x 85.43 inch.



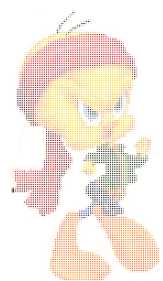
REF. 20905
Raya océanos
3,00 x 1,43 m.
118.11 x 59.30 inch.

REF. 21005
Friolero
1,17 x 1,79 m.
46.06 x 70.47 inch.

REF. 21105
Albatros
1,33 x 2,20 m.
52.36 x 86.61 inch.

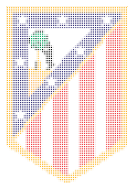


REF. 21205
Pez cirujano
3,00 x 2,86 m.
118.11 x 112.60 inch.

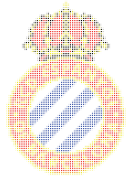


REF. 21305
Karateka
1,60 x 3,00 m.
62.99 x 118.11 inch.

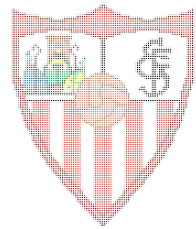
REF. 4207 Real Madrid
1,79 x 2,45 m.
70.47 x 96.46 inch.



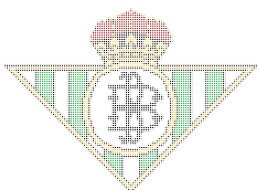
REF. 4607 Athletico de Madrid
1,30 x 1,90 m.
51.18 x 74.80 inch.



REF. 7207 R C D Espanyol
1,45 x 2,00 m.
57.08 x 78.74 inch.



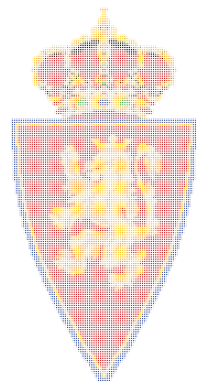
REF. 6107 Sevilla C F
2,00 x 2,38 m.
78.74 x 93.70 inch.



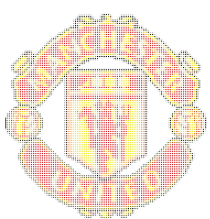
REF. 6007 R Betis B
2,74 x 2,00 m.
107.87 x 78.74 inch.

REF. 4007 Barça
2,00 x 2,00 m.
78.74 x 78.74 inch.

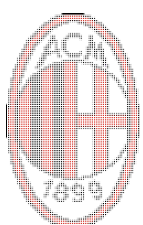
REF. 4707 Valencia C.F.
1,50 x 2,00 m.
59.05 x 78.74 inch.



REF. 6207 Zaragoza
2,00 x 4,05 m.
78.74 x 159.45 inch.



REF. 0108 Manchester United
2,17 X 2,21 m.
85.43 x 87.00 inch.

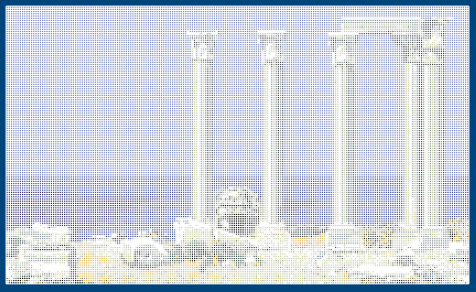


REF. 0208 AC Milán
1,43 x 2,31 m.
56.30 x 99.94 inch.

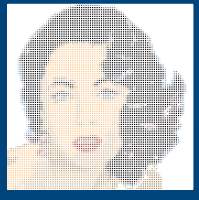
REF. 0308 Estrella Roja
2,38 X 2,38 m.
93.70 x 93.70 inch.

REF. 0408 FC Bayern
2,14 X 2,14 m.
84.25 x 84.25 inch.

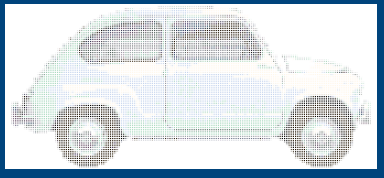
VILLA ROMANA
8,00 x 3,45 m.
314.96 x 135.82 inch.



RUINAS GRIEGAS
5,00 x 3,00 m.
196.85 x 118.11 inch.



ELIZABETH TAYLOR
2,00 x 2,00 m.
78.74 x 78.74 inch.



SEISCIENTOS
4,00 x 1,76 m.
157.48 x 69.29 inch.

OBSERVACIONES

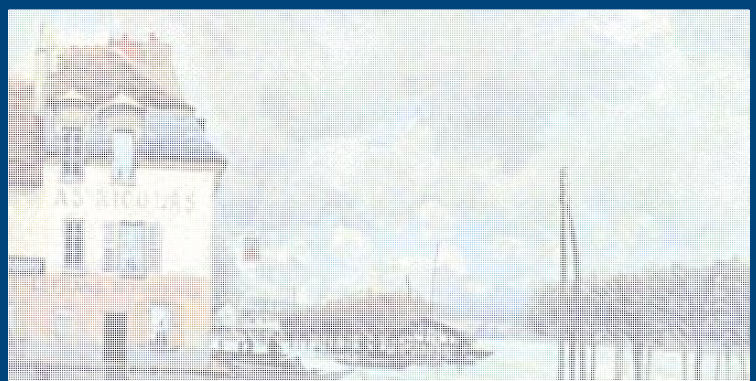
Los dibujos están realizados a escala, y por tanto guardan una proporción real entre sí.

Pueden realizarse todo tipo de motivos y logos personalizados fuera de catálogo, variar las dimensiones y colores de los aquí presentados o combinarlos entre sí. Esto es aplicable a todas las unidades temáticas que se muestran en el catálogo.

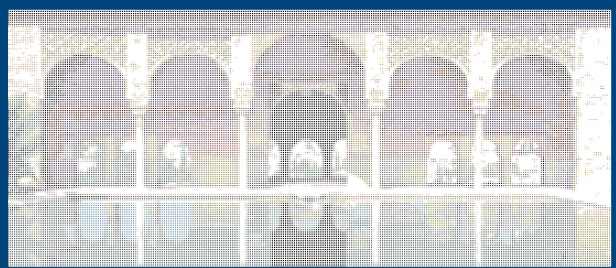
REMARKS

Designs are made to scale, so they keep a proportion.

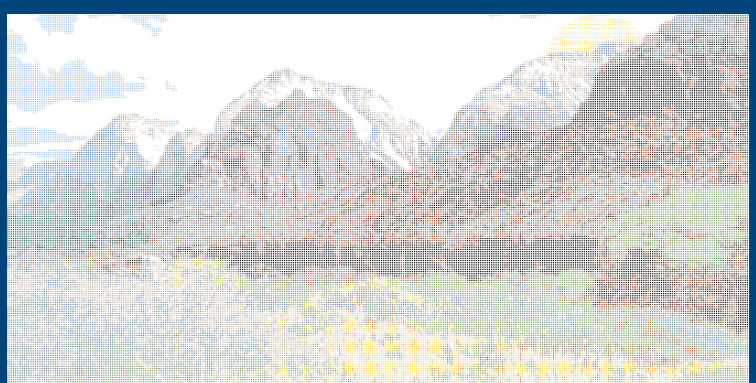
Any type of customized motif and logo not included in the catalogue may be made, as well as changing the dimensions and colours and combining those shown in this catalogue. This may be applied to all thematic units shown in the catalogue.



PAISAJE SISLEY
8,00 x 4,00 m.
314.96 x 157.48 inch.



ALHAMBRA
6,50 x 2,76 m.
255.90 x 180.66 inch.



PICOS DE EUROPA.
8,00 x 4,00 m.
314.96 x 157.48 inch.

AQUARIUM.
8,00 x 3,57 m.
314.96 x 1140.55 inch.

COSTA CON VELERO.
10,00 x 4,00 m.
393.70 x 157.48 inch.

DOS PEÑASCOS.
10,00 x 4,00 m.
393.70 x 157.48 inch.

OLA ROMPIENTE
8,90 X 4,00 m.
350.39 x 157.48 inch.

Talasoterapia Hotel Real
Serie Zodiaco 4x4 cm Ref. Libra

TÉCNICA
TECHNOLOGY

Hotel Margas Golf Huesca
Serie Unicolor 2,5 cm Ref. Pas

ESPECIFICACIONES TÉCNICAS DE LOS MATERIALES

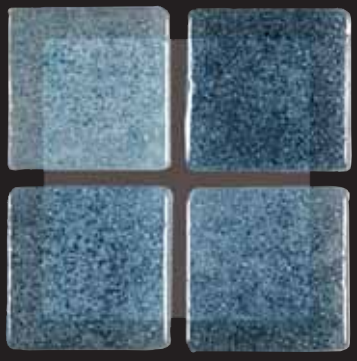
SIMBOLO	CARACTERÍSTICA TÉCINICA	NORMA DE ENSAYO	REQUISITOS EXIGIDOS POR NE-EN 14411 SO 13006	CUMPLIMIENTO POR HISBALIT
	Absorción de agua (E)	UNE-EN ISO 10545:3	E ≤ 0.5 % Grupo Bla	E ≤ 0.1 %
	Resistencia a la abrasión profunda	UNE-EN ISO 10545:6 Guía de la baldosa cerámica	≤ 175 mm^3 < 393 mm^3 Tipo 5: Uso en pavimento de tránsito peatonal intenso	215 mm^3
	Resistencia al choque térmico	UNE-EN ISO 10545:9	Método de ensayo disponible	Resiste
	Resistencia a la helada	UNE-EN ISO 10545:12	Exigido	Resiste
	Resistencia a los productos químicos (bajas concentraciones)	UNE-EN ISO 10545:13	Según lo que especifique el fabricante	ULA
	Resistencia a los productos químicos de uso doméstico y sales para piscina	UNE-EN ISO 10545:13	min. UB	UA
	Resistencia a las manchas	UNE-EN ISO 10545:14	Clase ≥ 3	Clase 5
	Dureza al rayado (Mohs)	EN-UNE 101:1991	min. 6	6
	Resistencia al deslizamiento (Péndulo)	UNE-ENV 12633:2003	No exigido	I
	Ángulo crítico de deslizamiento	DIN 51130:2004	No exigido	R10

Norma de referencia: **UNE-EN 14411 ISO 13006**
Baldosas Cerámicas. Definiciones, clasificación, características y marcado.

SYMBOL	TECHNICAL CHARACTERISTIC	TEST STANDARD	REQUIREMENTS OF NE-EN 14411 SO 13006	HISBALIT RESPONDS
	Water Absorption (E)	UNE-EN ISO 10545:3	E ≤ 0.5 % Bla Group	E ≤ 0.1 %
	Resistance to deep abrasion	UNE-EN ISO 10545:6 Ceramic tile guide	≤ 175 mm^3 < 393 mm^3 Type 5: Use in paving for heavy pedestrian traffic	215 mm^3
	Resistance to thermal shock	UNE-EN ISO 10545:9	Test method available	Resists
	Frost resistance	UNE-EN ISO 10545:12	Required	Resists
	Resistance to chemicals (low concentrations)	UNE-EN ISO 10545:13	According to manufacturer's classification	ULA
	Resistance to household chemicals and swimming pool salts	UNE-EN ISO 10545:13	min. UB	UA
	Stain resistance	UNE-EN ISO 10545:14	Class ≥ 3	Class 5
	Scratch hardness (Mohs)	EN-UNE 101:1991	min. 6	6
	Slip resistance (Pendulum)	UNE-ENV 12633:2003	Not Required	I
	Critical slip angle	DIN 51130:2004	Not Required	R10

Reference standard: **UNE-EN 14411 ISO 13006**
Ceramic Tiles. Definitions, classification, characteristics and marking.

PEGADOS / ADHESION METHODS



FILM TRANSPARENTE
PLASTIC COVERING

PAPEL ENCOLADO
ADHESIVE PAPER

MALLA
MESH

PEGADO CONTINUO
CONTINUOUS ADHESION

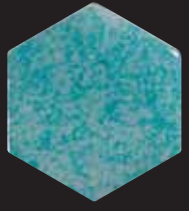
ACABADOS / FINISHES

(L) Brillo
Glossy

(B) Antideslizante
Nonskid

FORMATOS / FORMATS

(2) 25x25 mm.
0,98x0,98 inch.



(H) Hexagonal
Hexagonal

FORMATOS

ESPECIFICACIONES

	25 x 25	Hexagonal
Dimensiones de la placa	33,33 x 33,33 cm.	33,2 x 33,2 cm.
Nº de fichas por placa	196	216
m² por caja	2	2
Nº de placas por caja	18	18
Dimensiones de la caja Pegado continuo	34 x 34 x 8 cm. 34,5 x 34,5 x 10,5 cm.	34 x 34 x 8 cm.
Peso por m²	8 Kgs.	8 Kgs.
Nº de cajas por palet Pegado continuo	90 72	90
Peso por palet Pegado continuo	1.440 Kgs. 1152 Kgs.	1.440 Kgs.
m² por palet Pegado continuo	180 144	180
Dimensiones del palet	105 x 105 x 90 cm.	105 x 105 x 90 cm.

FORMATS

SPECIFICATIONS

	0,98x0,98 inch.	Hexagonal
Dimensions of the tile	13,12 x 13,12 inch.	13,07 x 13,07 inch.
Nº of tesserae per tile	196	216
ft² per box	6,56 ft	6,56 ft
Nº of tiles per box	18	18
Dimensions of the box Continuous adhesion	13,38 x 13,38 x 3,15 inch. 34,5 x 34,5 x 10,5 cm.	13,38 x 13,38 x 3,15 inch.
Weight per ft²	5,36 lbs	5,36 lbs
Nº of boxes per pallet Continuous adhesion	90 72	90
Weight por pallet Continuous adhesion	3168 lbs 2540 lbs	3168 lbs
ft² per pallet Continuous adhesion	590,4 ft² 472,30 ft²	590,4 ft²
Dimensions of the pallet	41,34 x 41,34 x 35,43 inch.	41,34 x 41,34 x 35,43 inch.

¿Qué diferencia al mosaico vítreo HISBALIT del resto de revestimientos vítreos existentes en el mercado?
HISBALIT es el mosaico vítreo más perfecto de forma del mercado. Nuestras teselas son planas y perfectamente cuadradas en sus vértices. Además, la junta de HISBALIT es la más reducida, de manera que damos protagonismo al mosaico y no a la junta. Usamos cristal de primera calidad, y por ello, el mosaico vítreo HISBALIT no presenta manchas, poros o imperfecciones en su superficie.

¿Resiste el mosaico vítreo HISBALIT a la intemperie?
Sí, HISBALIT es totalmente inalterable al sol, lluvia, calor o frío extremo. Además es resistente a los cambios bruscos de temperatura (choque térmico)

¿Pierde el mosaico vítreo HISBALIT el color con el paso del tiempo?
No, HISBALIT es totalmente inalterable, incluso en las condiciones climáticas más adversas. No cambia su forma, textura o color.

¿Vale cualquier tipo de cemento cola para colocar el Mosaico Vítreo HISBALIT?
No, al ser un producto de cristal, la absorción de HISBALIT es nula. Es recomendable un cemento cola específico para producto de absorción cero. Recomendamos cementos cola que cumplan la normativa EN 12004 y EN 12002 C2TES1.

¿Qué tipo de lechada tapajuntas es recomendable para rejuntear el Mosaico Vítreo HISBALIT?
Recomendamos una lechada tapajuntas en base cementosa para junta fina, sin árido, deformable, hidrófuga y antimanchas que cumpla normativa UNE-EN 13888 CG2 W. Todos los fabricantes de cola tienen además una carta de lechadas tapajuntas coloreadas.

El mosaico HISBALIT por sí solo no garantiza la impermeabilización de la superficie. La impermeabilización debe ser un paso anterior a la colocación de HISBALIT. Sin embargo con el uso combinado de un impermeabilizante de base, un cemento cola impermeable y una lechada tapajuntas hidrófuga conseguimos una barrera aislante totalmente segura.
Para garantizar un acabado correcto en la instalación, la piedra de coronación de la piscina ha de estar colocada antes de empezar a alicatar. El mosaico ha de colocarse de la piedra de coronación hacia abajo, es decir, de la cenefa hacia abajo. El corte de la ficha se debe de hacer llegar a media caña, para facilitar la limpieza con robots y cepillos de limpieza de las esquinas, y para evitar cortes de los bañistas.

What makes HISBALIT vitreous mosaics different from other vitreous tiling on the market?
HISBALIT is the vitreous mosaic with the most perfect shape in the market. Our tesserae are flat and perfectly square on their corners. Besides, HISBALIT joints are the most reduced, leaving the most prominent role to mosaics rather than joints. Because we use first-quality glass, HISBALIT vitreous mosaic does not have any stains, pores or defects on its surface.

Does HISBALIT vitreous mosaic withstand outdoor conditions?
Yes, HISBALIT is totally inalterable in sun, rain or extreme heat or cold. It also withstands sudden temperature changes (thermal shock).

Does HISBALIT vitreous mosaic loose colour with time?
No, HISBALIT is totally inalterable, even in the most adverse climatic conditions. It does not change its shape, texture or colour.

Is any adhesive mortar appropriate to install the HISBALIT vitreous mosaic?
No, because it is a glass product, HISBALIT's absorption is null. The use of a specific adhesive mortar for zero absorption products is recommended. We advise the use of adhesive mortars that comply with the EN 12004 and EN 12002 C2TES1 standards.

What type of capping grout is recommended to grout the HISBALIT vitreous mosaic?
We advise a cement-based capping grout for thin joints, with no aggregates, deformable, water-repellent and stain resistant that comply with the UNE-EN 13888 CG2 W standard. All adhesive manufacturers have also a chart of coloured capping grouts.

The HISBALIT mosaic itself does not guarantee surface waterproofing. Waterproofing must be a previous step to HISBALIT installation. However, the combined use of a waterproofing base, a waterproof adhesive mortar and a water-repellent capping grout will provide a totally secure isolating barrier.
In order to guarantee the correct finish to the installation, the swimming pool coping stones must be installed before tiling. The mosaic must be installed from the coping stone downwards, that is, from the borders to the bottom.
In order to make the use of cleaning robots and brushes in corners easier and to avoid injuries to bathers, cuts to tesserae should be made in the half pipe area.

Piscinas Guansa
Serie Unicolor 2,5 Ref. Ebro

Tot Disseny en Piscinas
Serie Niebla 2,5 cm Ref. Mar

Piscinas Gunite Esport
Mezcla personalizada Serie Niebla 2,5 Jónico +
Serie Unicolor 231-A

Tot Disseny en Piscinas
Degradado Rojo

Piscinas Miramar
Serie Niebla 2,5 cm Ref. Caribe

Consgunite
Serie Niebla 4x4 cm Ref. 101-B

Piscinas Maype
Serie Niebla 2,5 cm Ref. 130-A

Piscinas Gunite Malaga
Serie Unicolor 2,5 cm Ref. Isla