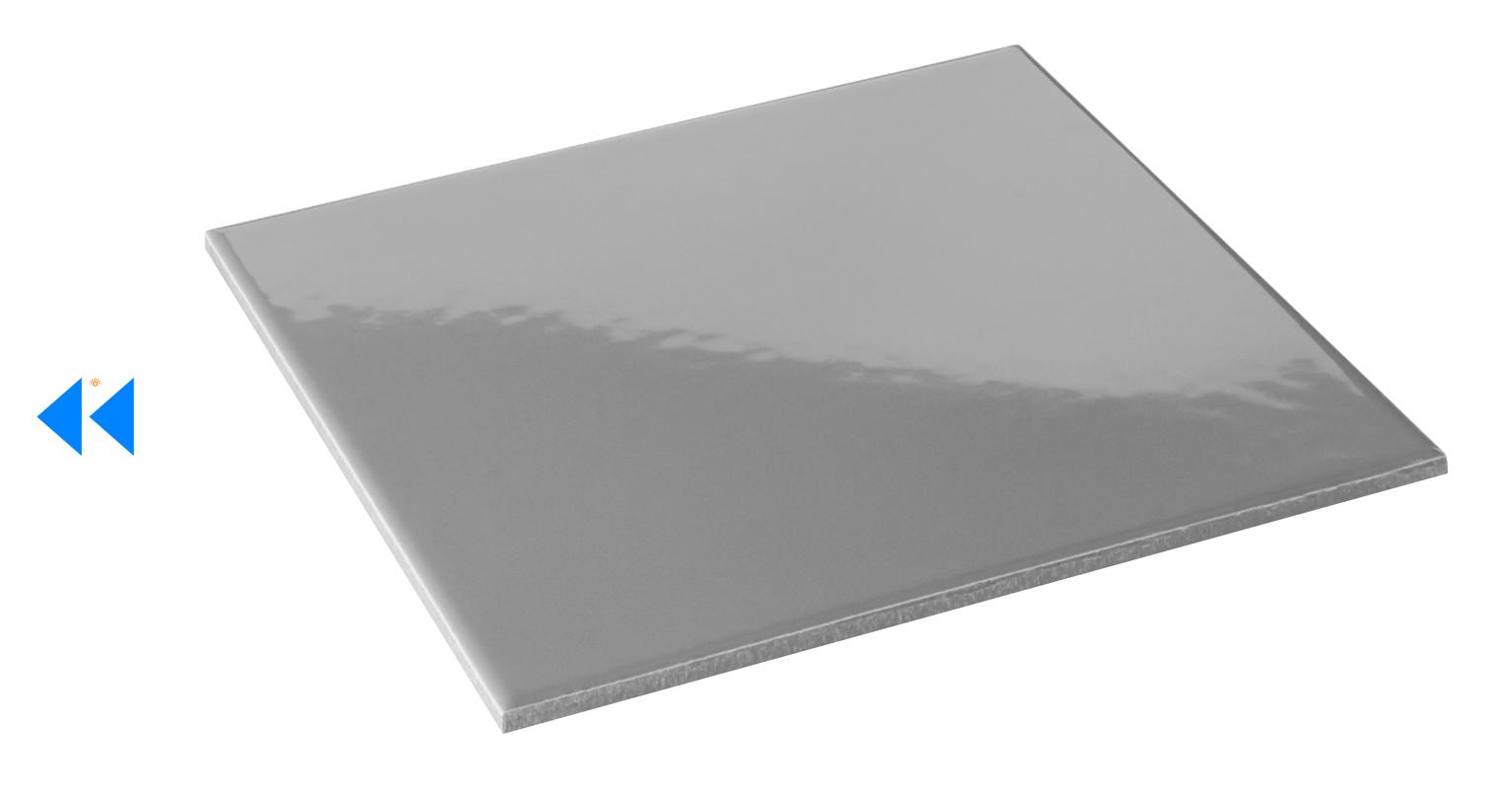
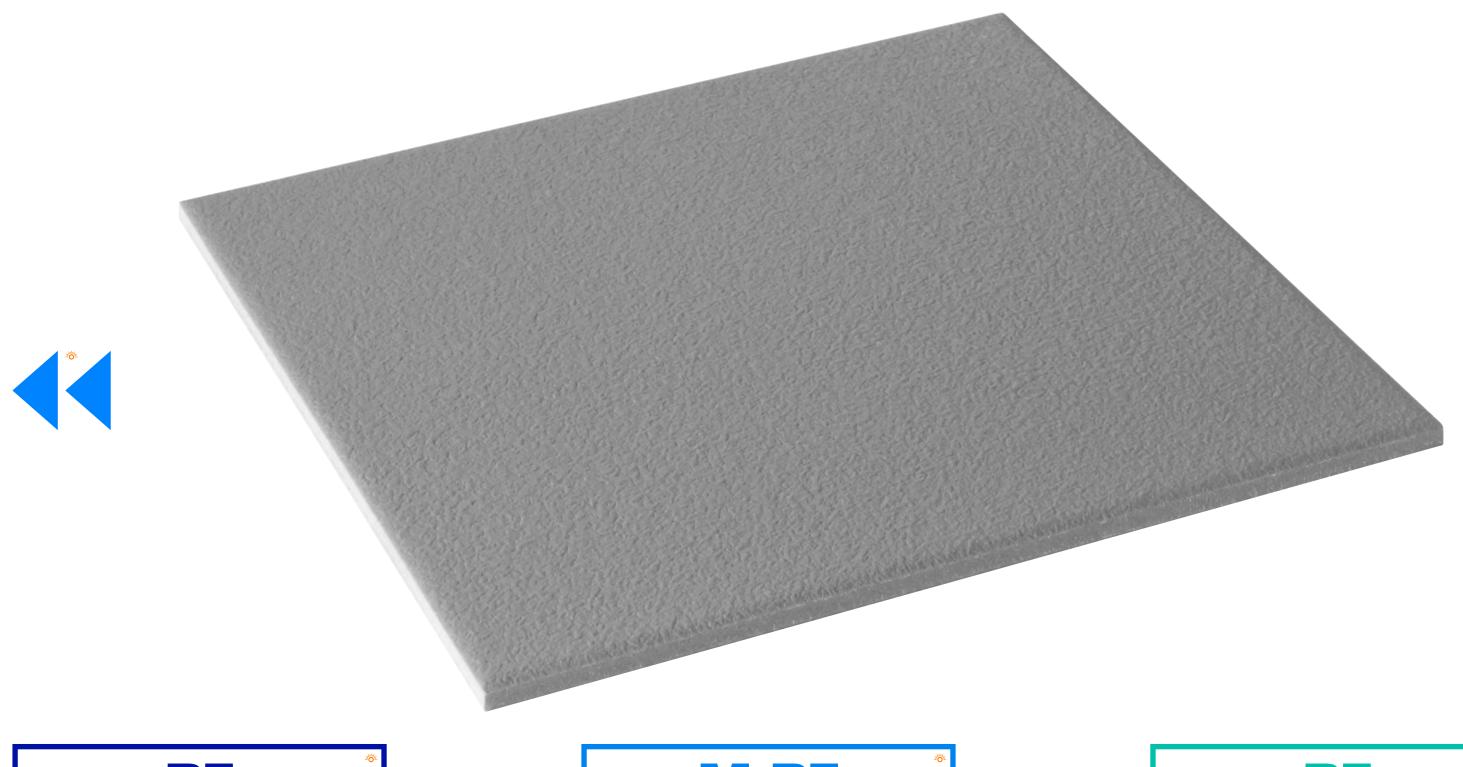


IN Interni IN Pezzi Speciali M IN Interni Mix IN Interni40 Glossy surface for indoor and outdoor wall tiling



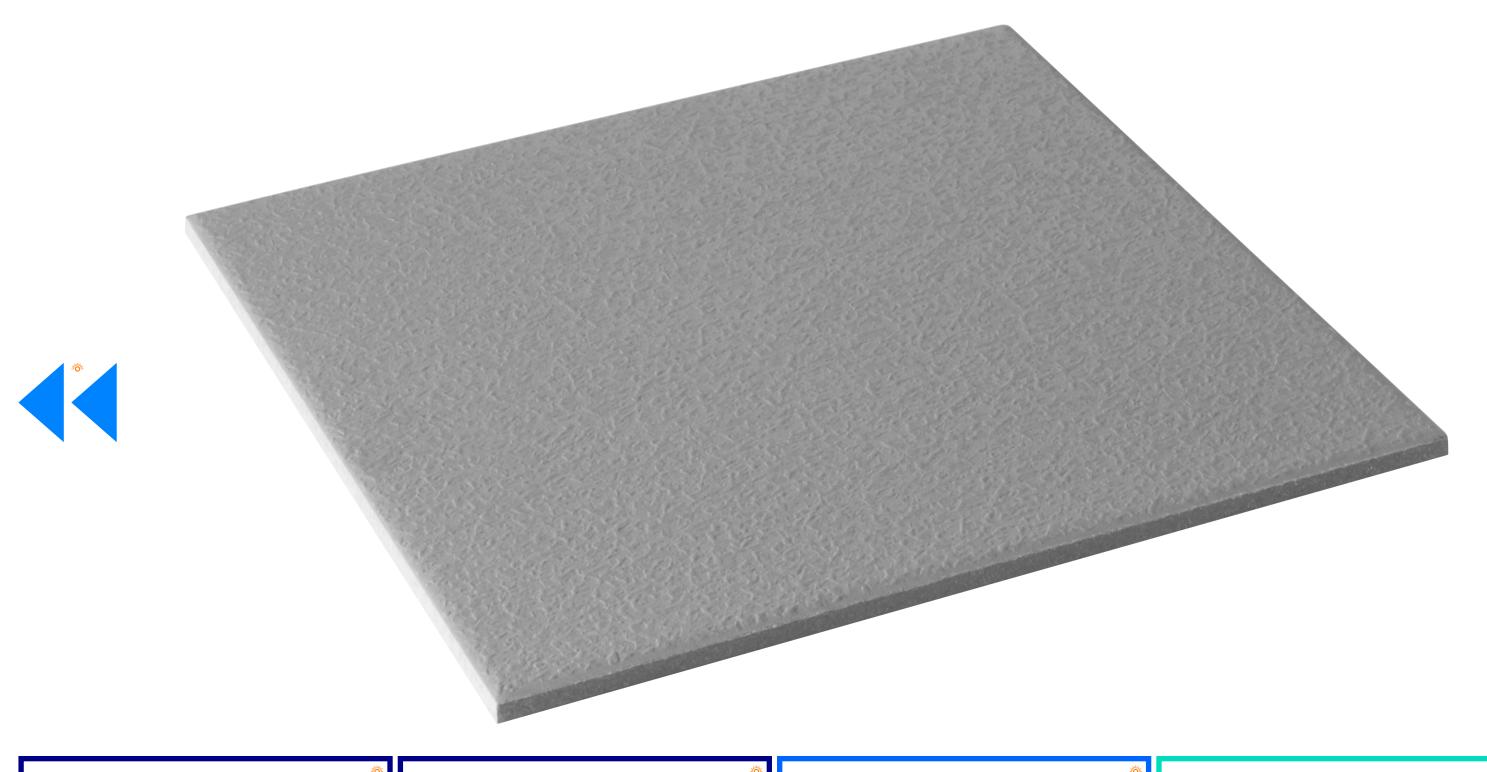
TR Trasparenze TR Pezzi Speciali M TR
Trasparenze Mix

Non-slip surface for damp indoor and outdoor floors



RF Flooring R10 B (A+B) MRF Flooring Mix R10 B (A+B)

RF Flooring40 R10 Non-slip surface for wet indoor and outdoor floors



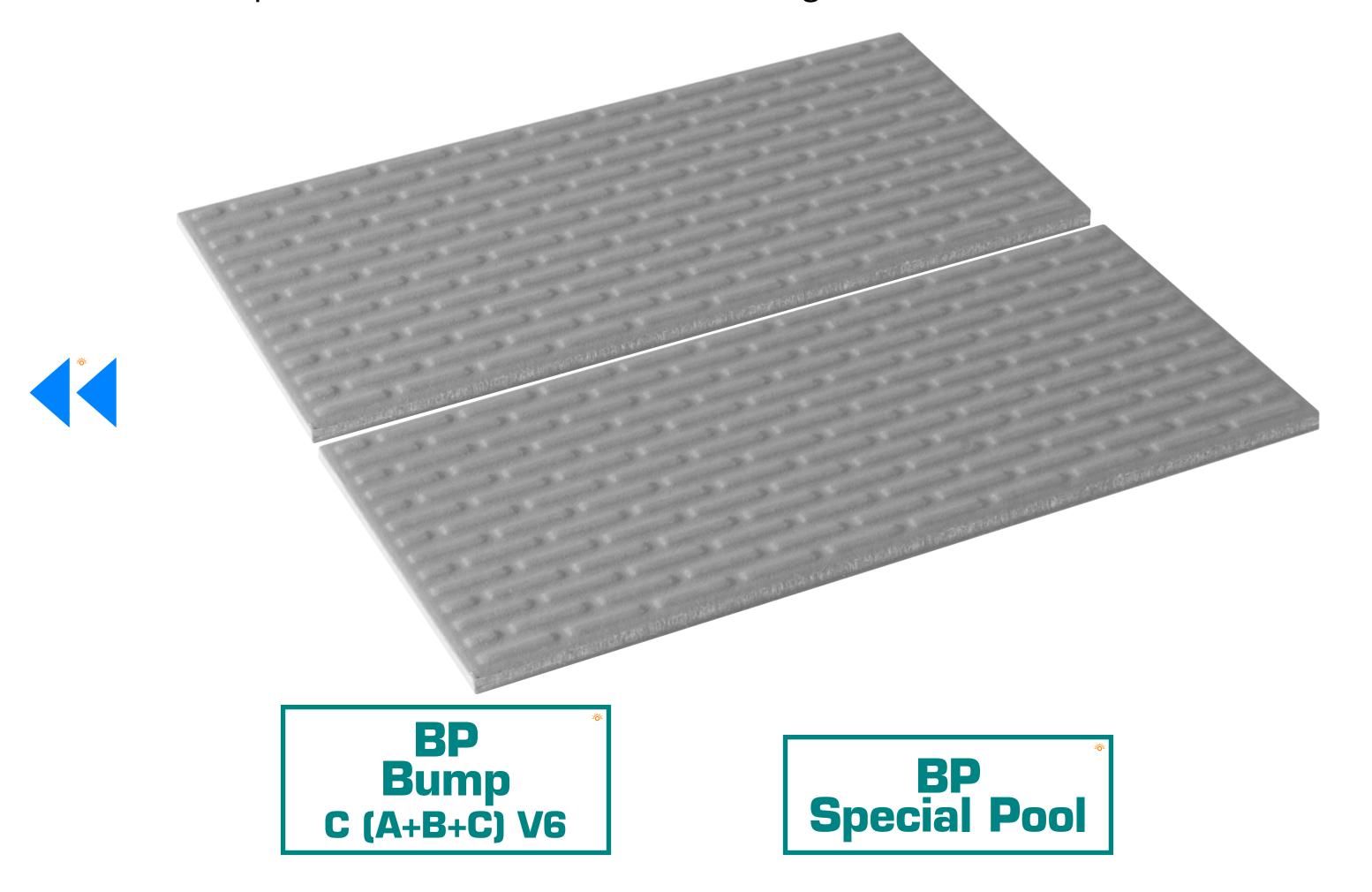
IG Grip R11 C (A+B+C)

IG Pezzi Speciali M IG Grip Mix R11 C (A+B+C)

IG Grip40 B (A+B)

Bump Finish

Non-slip textured surface for wet or submerged indoor and outdoor floors



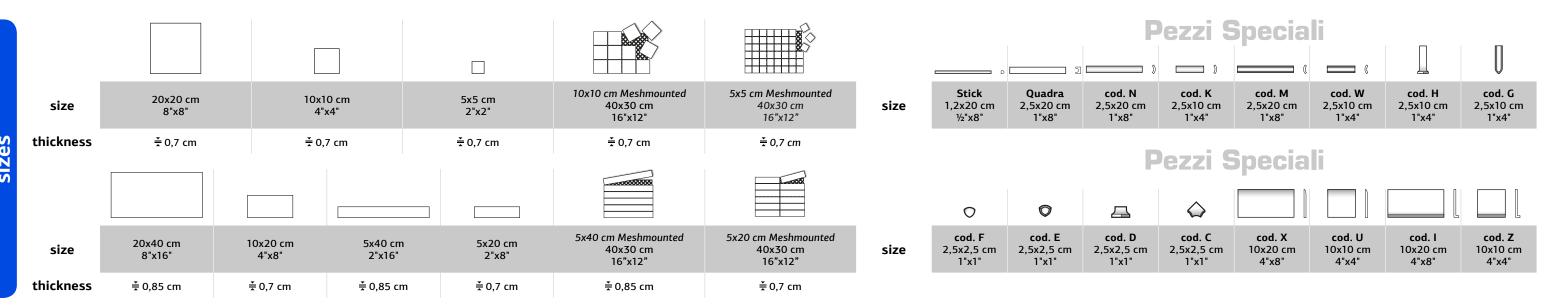




















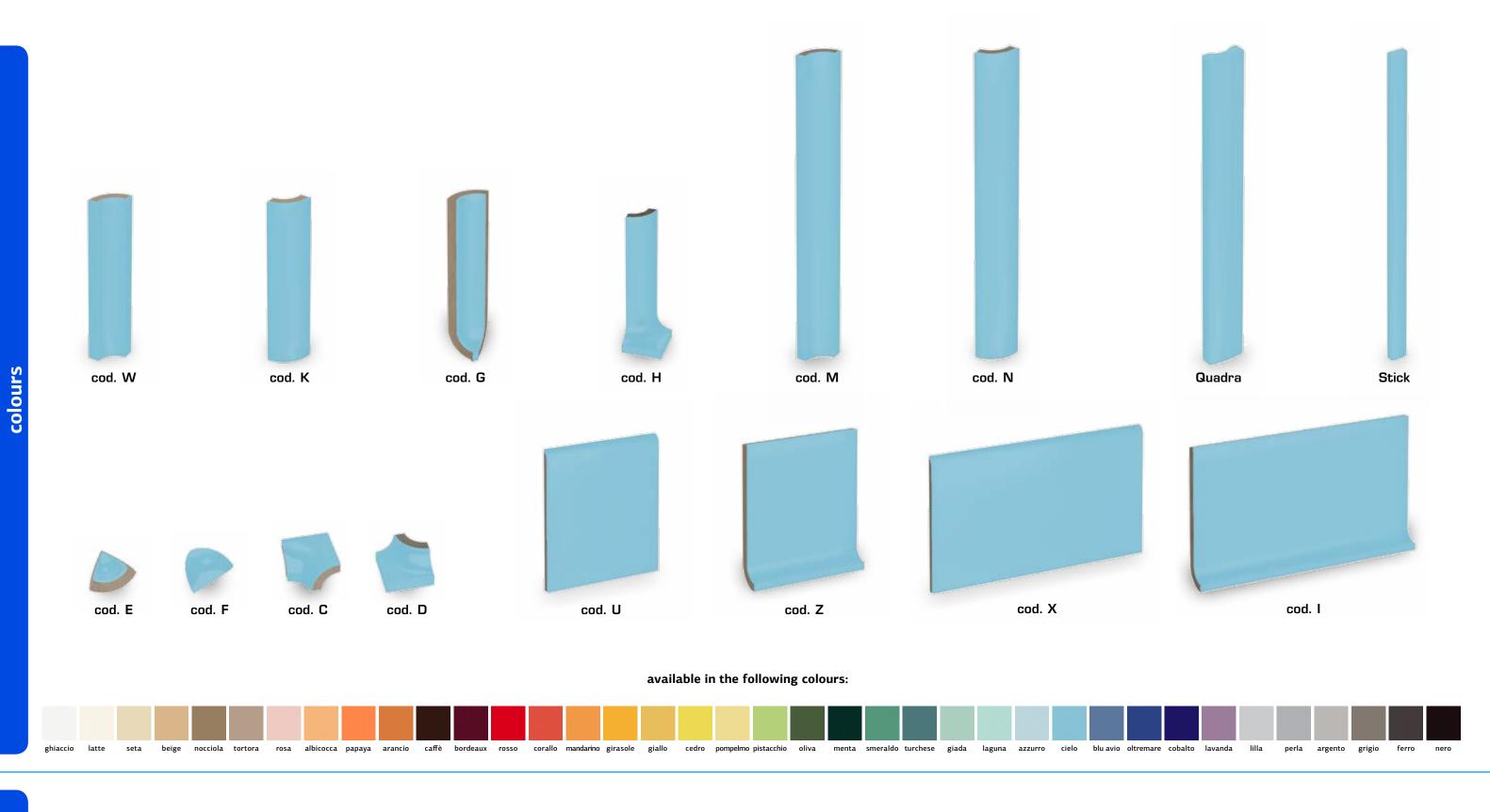




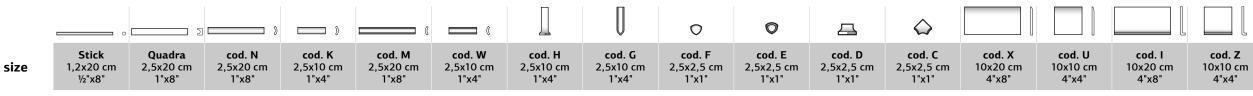
























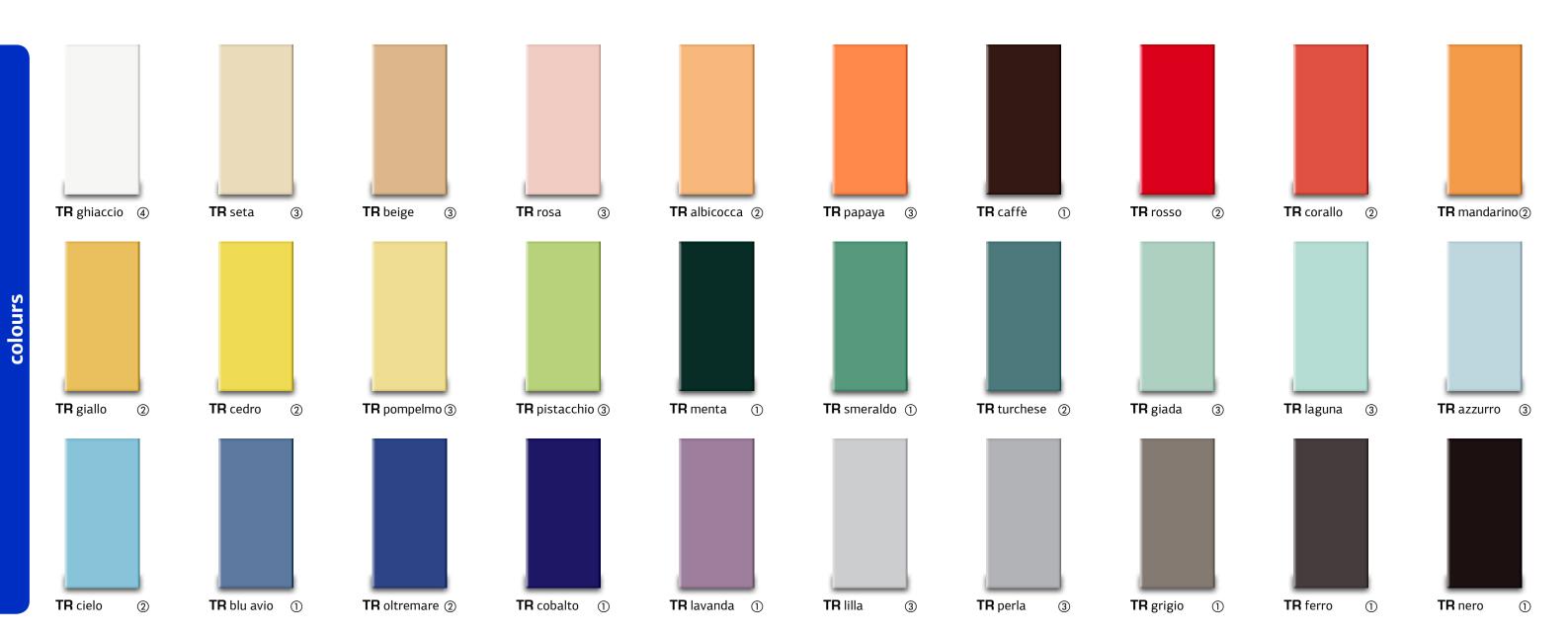


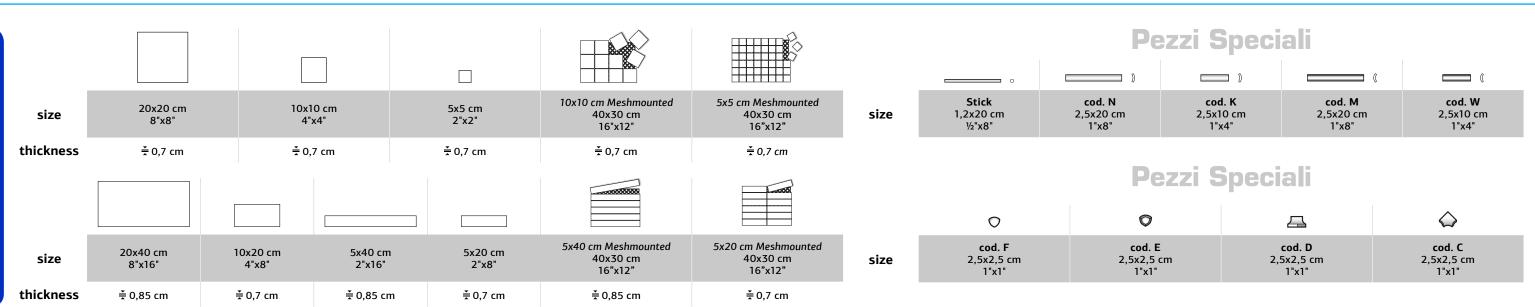






Glossy surface for indoor and outdoor wall tiling









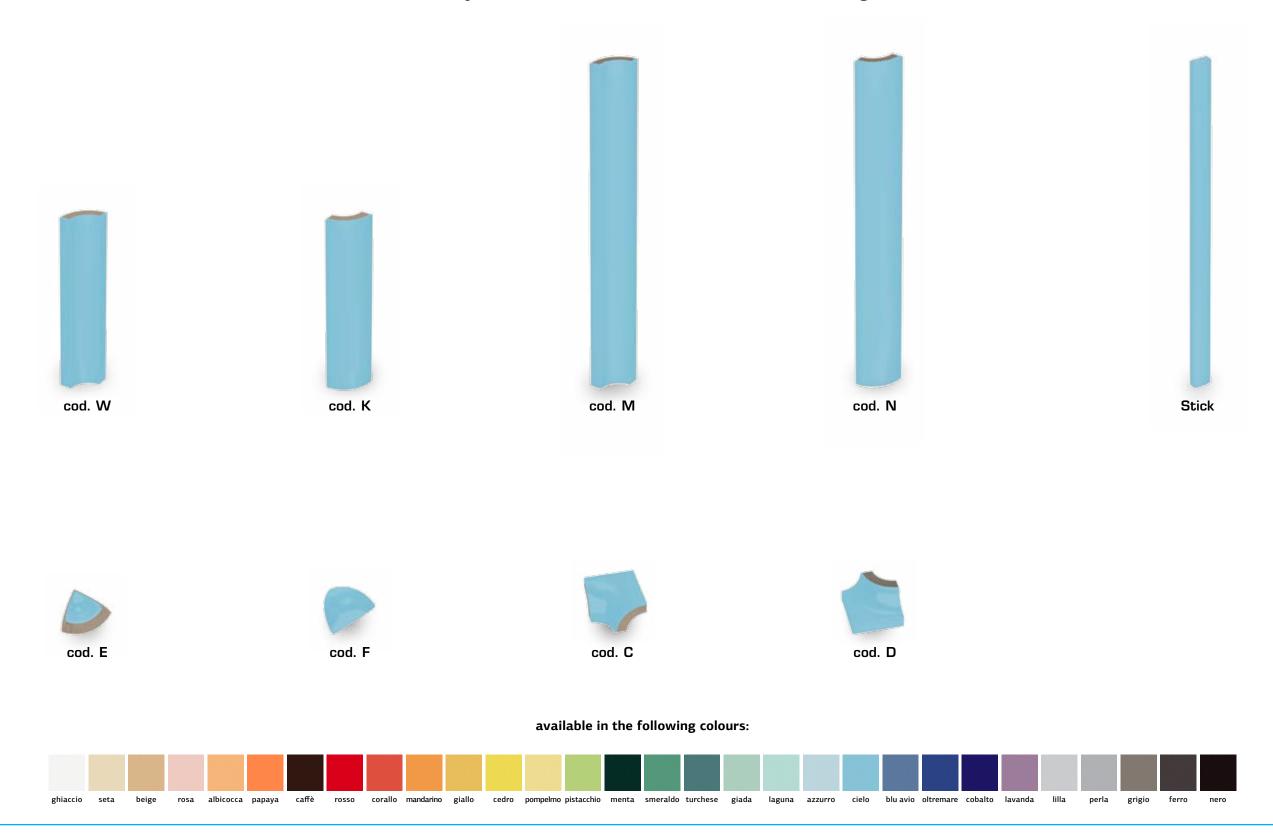








Glossy surface for indoor and outdoor wall tiling























Non-slip surface for damp indoor and outdoor floors



















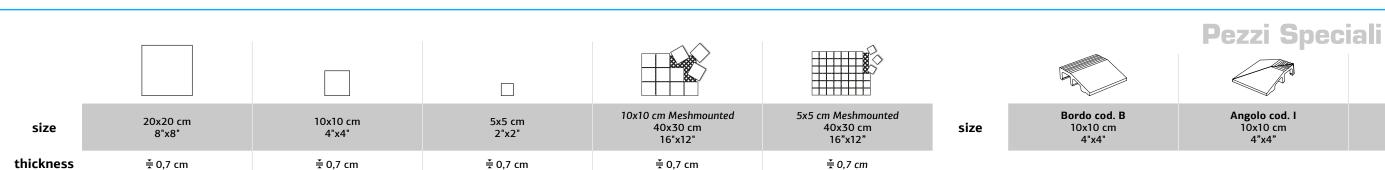






Non-slip surface for wet indoor and outdoor floors

















Spigolo cod. E 10x10 cm



Non-slip surface for wet indoor and outdoor floors



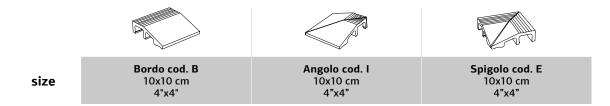




Spigolo cod. E

available in the following colours:



























M IN 01 **IN** latte 33% 33% **IN** seta **IN** nocciola 33%



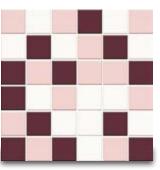
M IN 02 **IN** seta 33% $\ensuremath{\mathbf{IN}}$ tortora 33% **IN** nocciola 33%



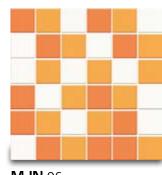
M IN 03 **IN** nocciola 33% 33% 33%



M IN 04 **IN** seta 33% 33% **IN** tortora **IN** bordeaux 33%



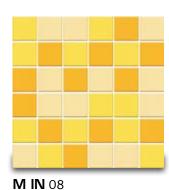
M IN 05 **IN** latte 33% 33% **IN** rosa **IN** bordeaux 33%



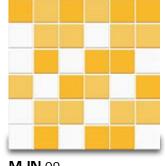
M IN 06 **IN** latte 33% 33% **IN** papaya **IN** mandarino 33%



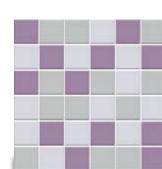
M IN 07 **IN** seta 33% **IN** rosso 33% **IN** corallo 33%



IN girasole 33% **IN** cedro 33% **IN** pompelmo 33%



M IN 09 **IN** ghiaccio 33% **IN** girasole 33% **IN** giallo 33%



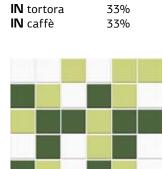
M IN 10

IN oliva

IN pompelmo

IN pistacchio

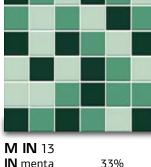




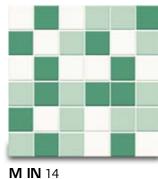
M IN 11 **IN** ghiaccio 33% 33% **IN** pistacchio **IN** oliva 33%



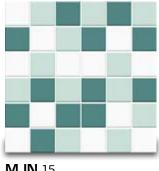
M IN 12 **IN** pistacchio 33% 33% **IN** oliva **IN** menta 33%

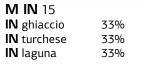


IN menta 33% 33% **IN** smeraldo **IN** giada 33%



IN latte 33% IN smeraldo 33% **IN** giada 33%







IN ghiaccio 33% 33% **IN** azzurro **IN** blu avio 33%



33%

33%

33%





M IN 19 **IN** ghiaccio 33% **IN** argento 33% 33% **IN** grigio



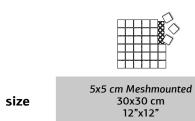
M IN 20 **IIN** argento 33% **IN** grigio 33% 33% **IN** ferro



M IN 21 **IN** grigio 33% IN ferro 33% 33% **IN** nero



S IN 01 **IN** ghiaccio 50% **IN** nero 50%



at random mixed colours

thickness

₹ 0,7 cm













M IN 17

IN lilla

IN blu avio

IN oltremare

33%

33%

33%

colours

VOGUE Link Trasparenze Mix









Glossy surface for indoor and outdoor wall tiling



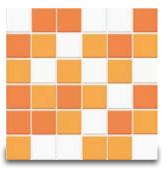
M TR 01 TR seta 33% 33% **TR** beige **TR** caffè 33%



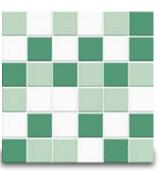
M TR 08 TR menta 33% 33% TR smeraldo TR giada 33%



M TR 15 TR lavanda 33% 33% 33% TR perla



M TR 02 TR ghiaccio 33% 33% **TR** papaya 33% TR mandarino



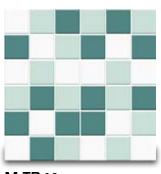
M TR 09 TR ghiaccio 33% 33% TR smeraldo TR giada



M TR 16 TR perla 33% TR grigio 33% 33% TR ferro



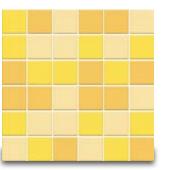
M TR 03 TR seta 33% 33% TR rosso 33% TR corallo



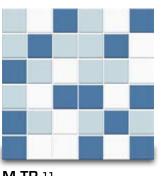
M TR 10 TR ghiaccio 33% 33% TR turchese TR laguna 33%



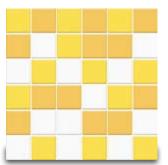
M TR 17 TR grigio 33% 33% TR ferro 33% TR nero



M TR 04 TR giallo 33% 33% TR cedro **TR** pompelmo 33%



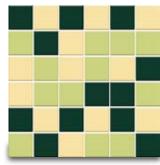
M TR 11 TR ghiaccio 33% 33% TR azzurro TR blu avio 33%



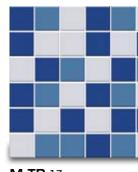
M TR 05 TR ghiaccio 33% TR giallo 33% TR cedro 33%



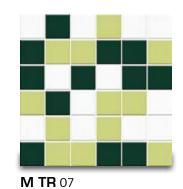
M TR 12 TR azzurro 33% 33% TR cielo TR blu avio 33%



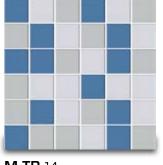
M TR 06	
TR pompelmo	33%
TR pistacchio	33%
TR menta	33%



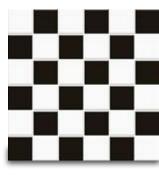
M TR 13 TR blu avio 33% 33% TR oltremare TR lilla 33%



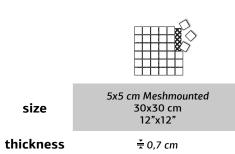
TR ghiaccio 33% **TR** pistacchio TR menta 33%



M TR 14 TR blu avio 33% **TR** lilla 33% **TR** perla 33%







at random mixed colours











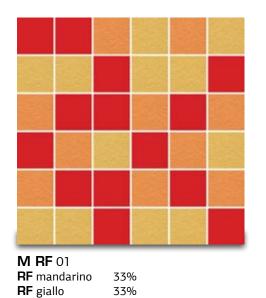


SPECIAL



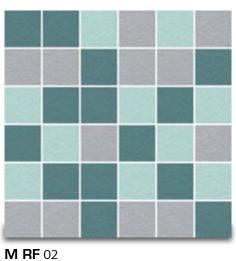


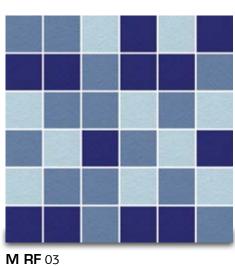
Non-slip surface for damp indoor and outdoor floors



RF rosso

RF perla





33% 33% 33%

RF turchese

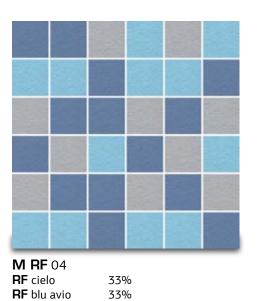
RF laguna

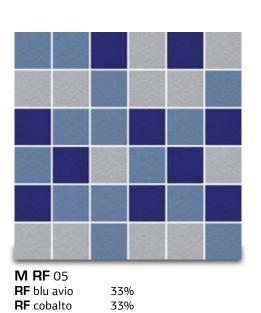
RF perla

RF perla

M RF 03 RF azzurro RF blu avio RF cobalto

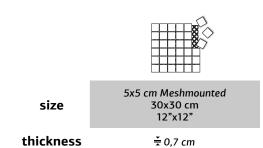
33% 33% 33%







M RF 06
RF perla 33%
RF grigio 33%
RF nero 33%



at random mixed colours













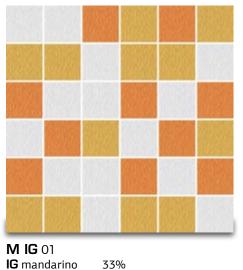
SPECIAL POOLS







Non-slip surface for wet indoor and outdoor floors



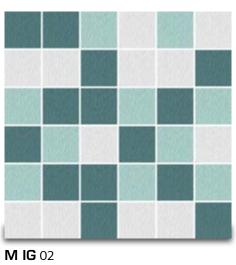
33%

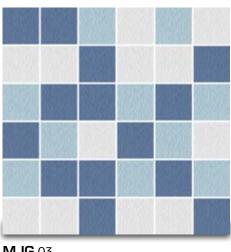
IG giallo

IG rosso

IG blu avio

IG perla

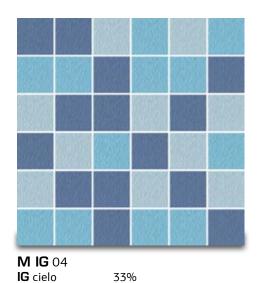




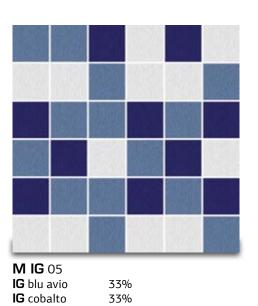


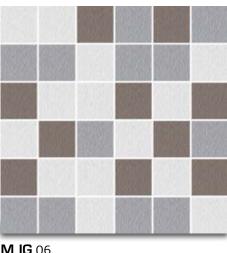


M IG 03 IG azzurro 33% IG blu avio 33% IG cobalto 33%

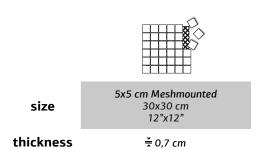


33%





M IG 06
IG perla 33%
IG grigio 33%
IG nero 33%



IG perla

at random mixed colours

















Satin-finish for indoor and outdoor floor tiling















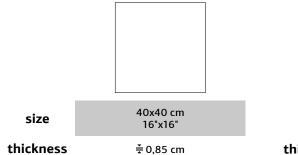


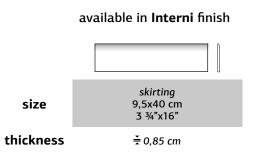
BEACHES



Non-slip surface for damp indoor and outdoor floors



















BEACHES



Non-slip surface for wet indoor and outdoor floors

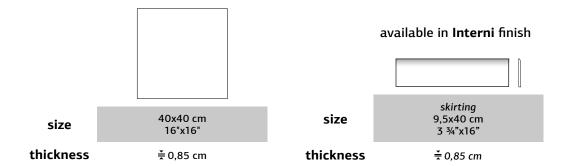
































Non-slip textured surface for wet or submerged indoor and outdoor floors









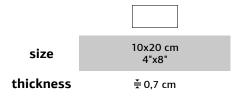


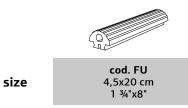






Special Pool















cod. BC1 10x10 cm 4"x4"









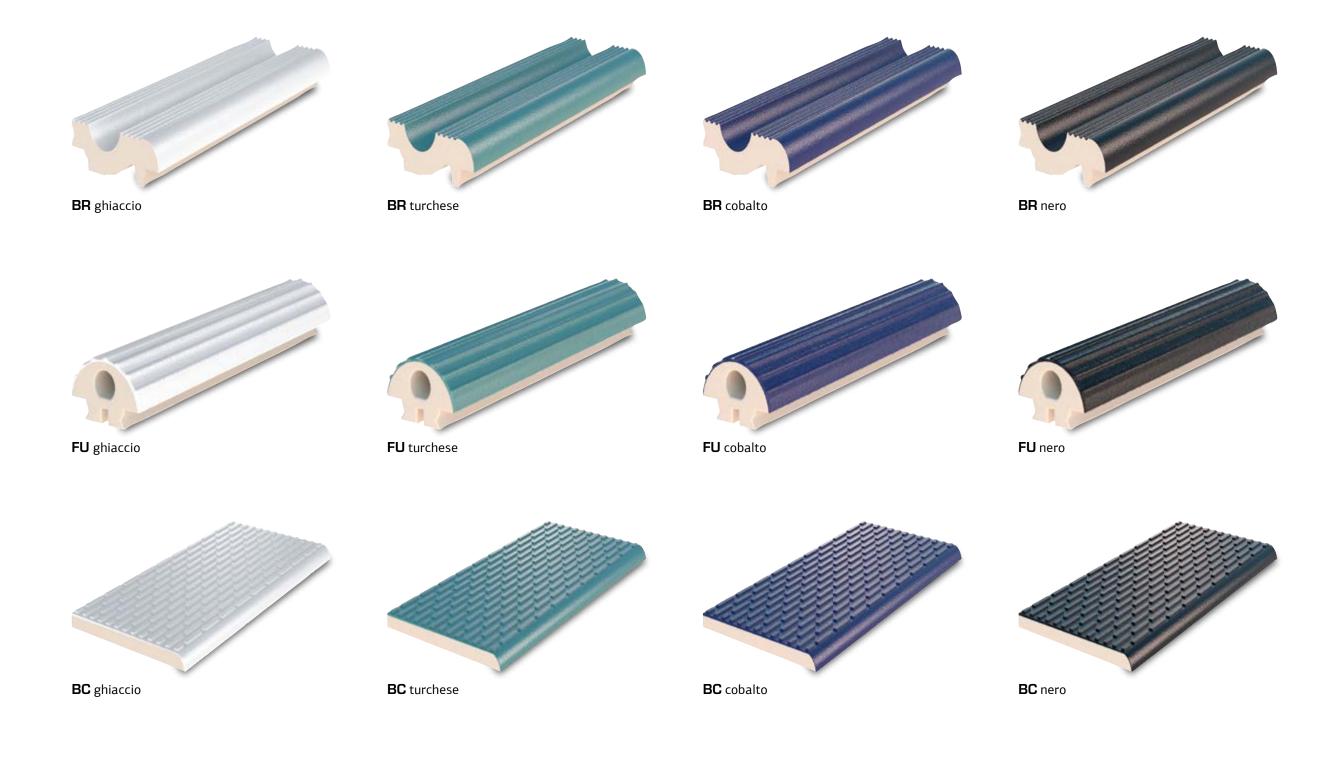








Non-slip textured surface for wet or submerged indoor and outdoor floors

















VOGUE Pool Accessories





Grid made of top quality hard plastic with UV-proof finish to prevent yellowing due to sunlight, shock-proof, non-slip certified as per DIN 51097 and with minimum 8 mm distance between the single slats (as required by EN 13451/3 standards)





Rolling perpendicular linear grid 2 spacers

GR 25/2D		GR 35/2D			
180x25 mm	240x25 mm	300x25 mm	180x35 mm	240x35 mm	300x35 mm



Corners for grid with perpendicular elements

	AGR 25			AGR 35	
180x25 mm	240x25 mm	300x25 mm	180x35 mm	240x35 mm	300x35 mm



Perpendicular rigid grid on 2 threaded 10 mm plastic bars

Also available with stainless steel threaded rods

	GR 25/2P			GR 35/2P	
180x25 mm	240x25 mm	300x25 mm	180x35 mm	240x35 mm	300x35 mm



Bendable PP grid with high non-float specific weight

GR 25/C			
180x25 mm	248x25 mm	299x25 mm	



Bendable and rolling perpendicular grid with 1 central elastic spacer

	GR 25/1C			GR 35/1C	
180x25 mm	240x25 mm	300x25 mm	180x35 mm	240x35 mm	300x35 mm



Corners for PP bendable grid

AGR/25C	
180x25 mm	250x25 mm



Parallel slat grid on 6 hard PVC support tubes

GR 25/P		
180x25 mm	240x25 mm	300x25 mm



Hard PVC corner profile for double dove tail grid support for installation

PR/25	PR/35
25x25 mm	25x35 mm













VOGUE Pool Accessories





Grid made of top quality hard plastic with UV-proof finish to prevent yellowing due to sunlight, shock-proof, non-slip certified as per DIN 51097 and with minimum 8 mm distance between the single slats (as required by EN 13451/3 standards)



Hard PVC corner profile for L grid support without dove tail

PR/25L

25x25 mm

2.5 mt bars in 40 ml bundles



Floor anchor (for reinforced concrete) made of AISI316 stainless steel for track mount, 80x80 mm square flange, complete with brackets

AN/P01

80x80 mm



Special brass alloy drain complete with 18/10 stainless steel grid with holds, complete with 2 gaskets

PI/A1 1" ½ Flow 36 litres/minute

PI/A2 2" ½ Flow 147 litres/minute



Removable stainless steel bayonet for sunken swimming pools

BA/P01Ø 48,3 mm



PI/S2

PI/S1

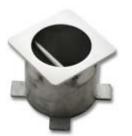
ABS drain RAL 7040 colour complete with 2 gaskets

PI/S1	1" ½	Flow 26 litres/minute
PI/S2	2" ½	Flow 70 litres/minute



High steel starting block with back starting handle, adjustable

BL/070	¥ 70 cm	FINA (FR.2.7) standard
BL/040	₹ 40 cm	FINA (FR.2.7) standard



Wall anchor (for reinforced concrete) made of AISI316 stainless steel for track mount, 80x80 mm square flange, complete with brackets

AN/R01

80x80 mm



Stainless steel pool stairs with PP mono bloc step

SCA/706

5

4 steps



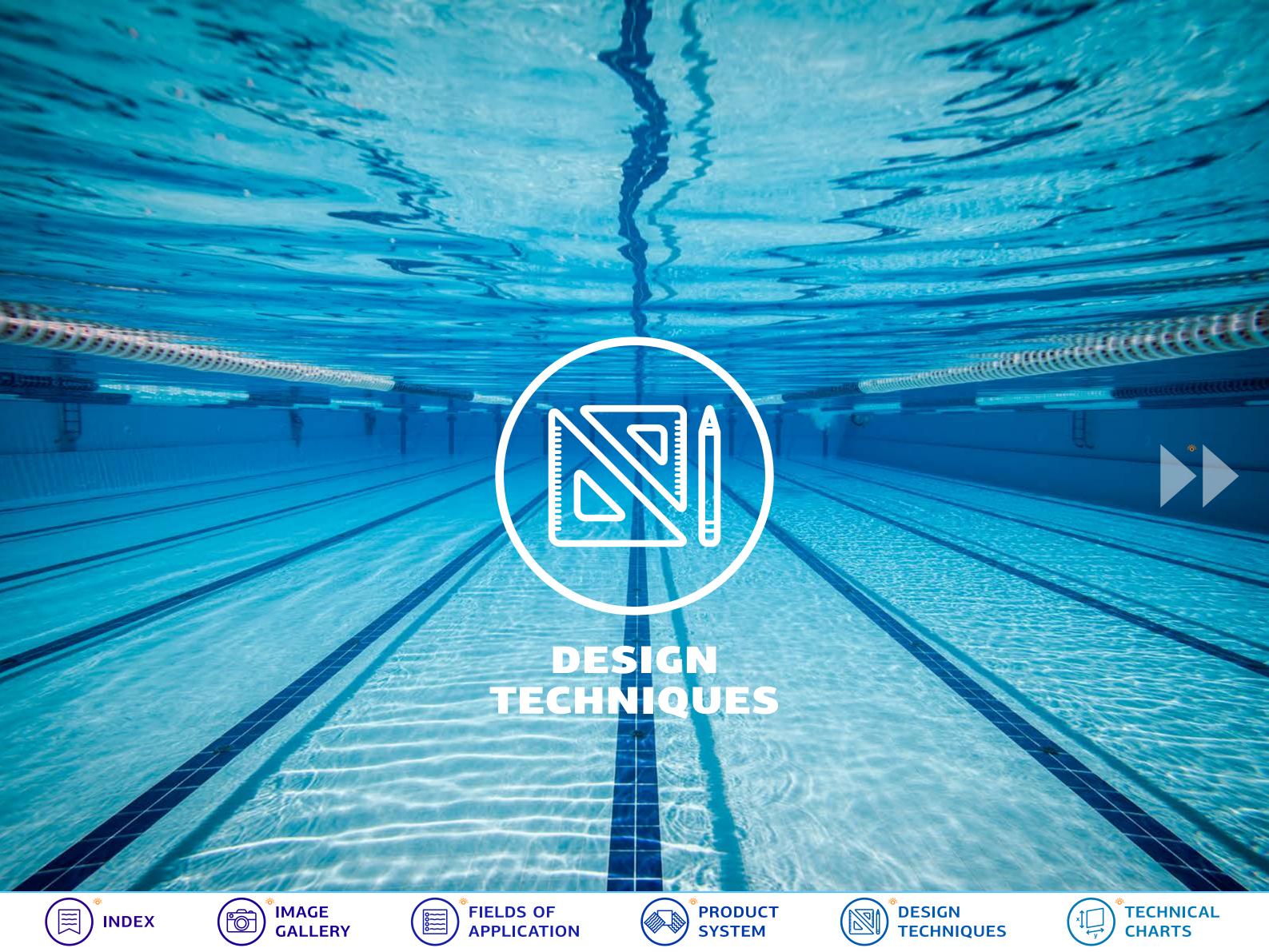












DESIGNING WATER FEATURES WITH CERAMICA VOGUE

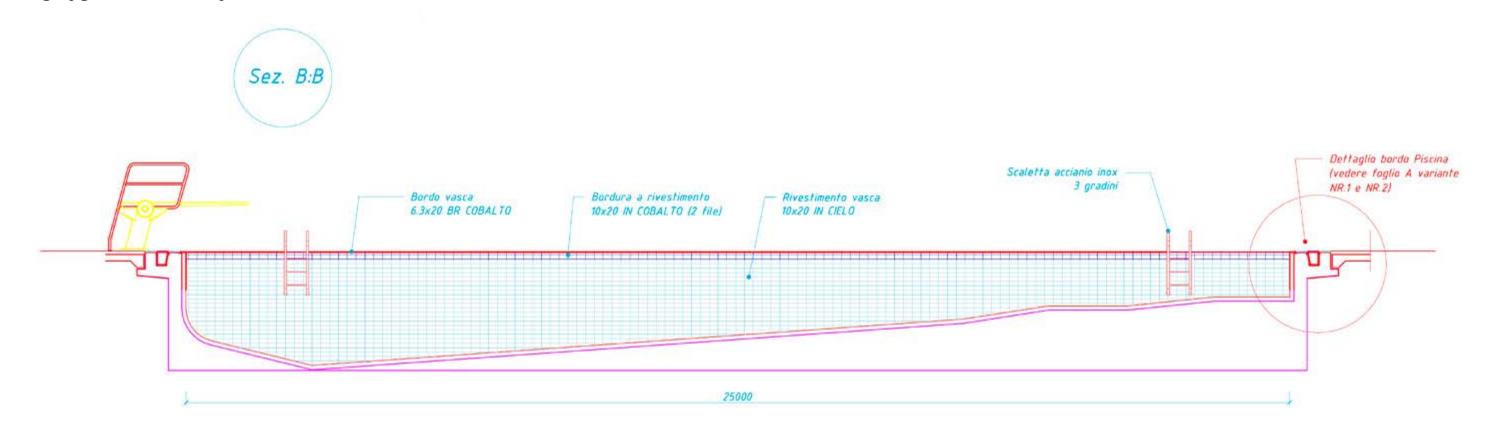
Whether you are dealing with large public facilities or pools set in residential gardens, designing a water feature is an art that creates dynamism and a considerable scenic effect, becoming the focal point of any project.

Designing a pool requires high technical and performance standards. As such, it involves a number of difficulties that are hard to find in other project areas, and therefore requires a different and highly precise approach.

To combine the various components that will form the pool area, it is important to fully understand all associated issues and dynamics: the fact that the pool tiling is in constant contact with water, that the surfaces are wet most of the time, that people need to be able to walk around barefoot, and the complex web of regulations governing hygiene and safety.

Drawing on the vast experience of Ceramica Vogue in the production of white body glazed stoneware, designers and architects may avail of the Vogue Pool system, a high quality material reviewed and adapted to the specific technical and aesthetic requirements of this type of project.

This is complemented by a wide range of special pieces specifically designed for the pool environment, which, along with the traditional line of special pieces, allow for the creation of safe and aesthetically appealing finishes. Finally, the Vogue Pool series may be flanked by the entire range of Vogue tiles for the design of long-lasting pool walls and floors with excellent technical qualities.















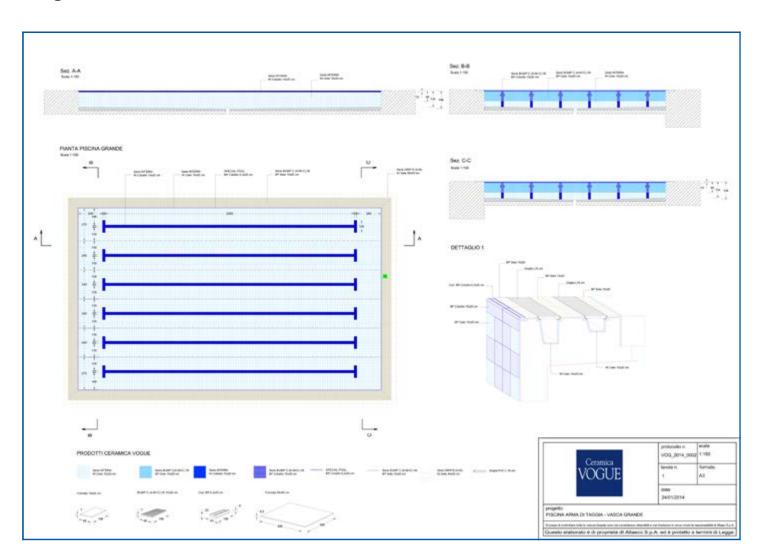


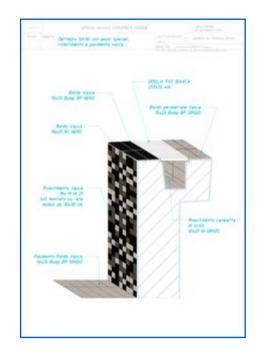
CUSTOMISED SOLUTIONS - TAILOR-MADE PROJECTS

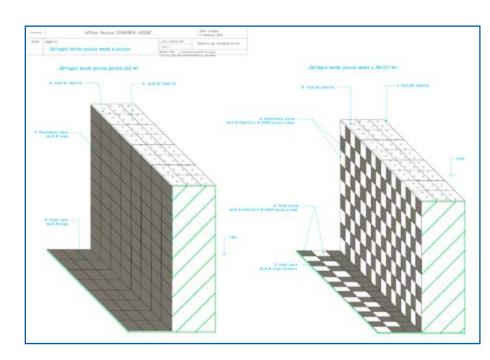
Ceramica Vogue offers a complete range of solutions for the design and construction of public and private swimming facilities.

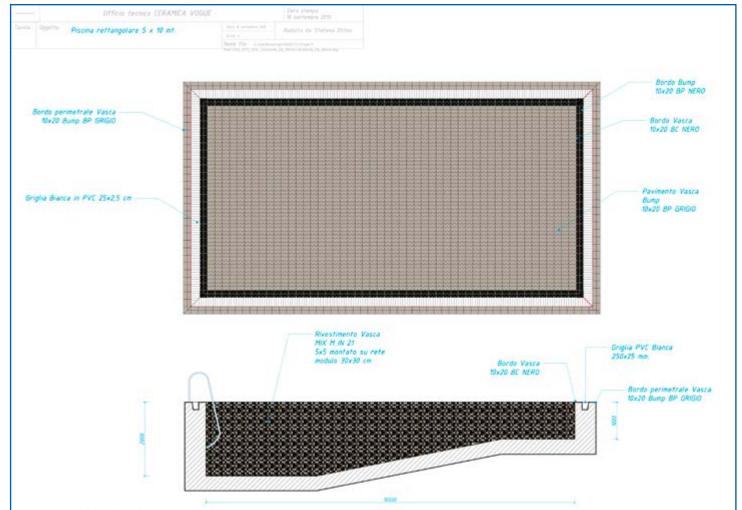
Its complete collection of tiles and special pieces in white body glazed stoneware enables the construction of pools of outstanding technical, functional, health and safety standards, while also being highly customised and expressive due to the wide range of colours available.

Ceramica Vogue is able to receive and supply drawings and documentation on compatible Autocad files, to provide designers, customers and workers with a complete range of services.

























CUSTOMISED SOLUTIONS - DECORATIVE TILES

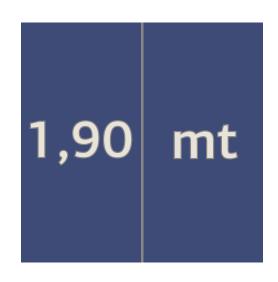
The full Ceramica Vogue colour range and its water cutting technology can be used to produce tiles for pool interiors and exteriors, as well as decorative designs to give your pool an original, personalised touch.

The tiles are easy to install, as they are clearly packaged and numbered.



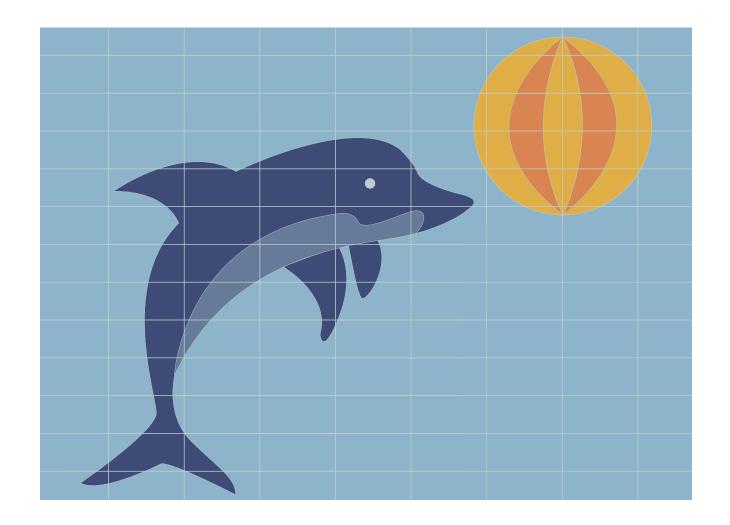




























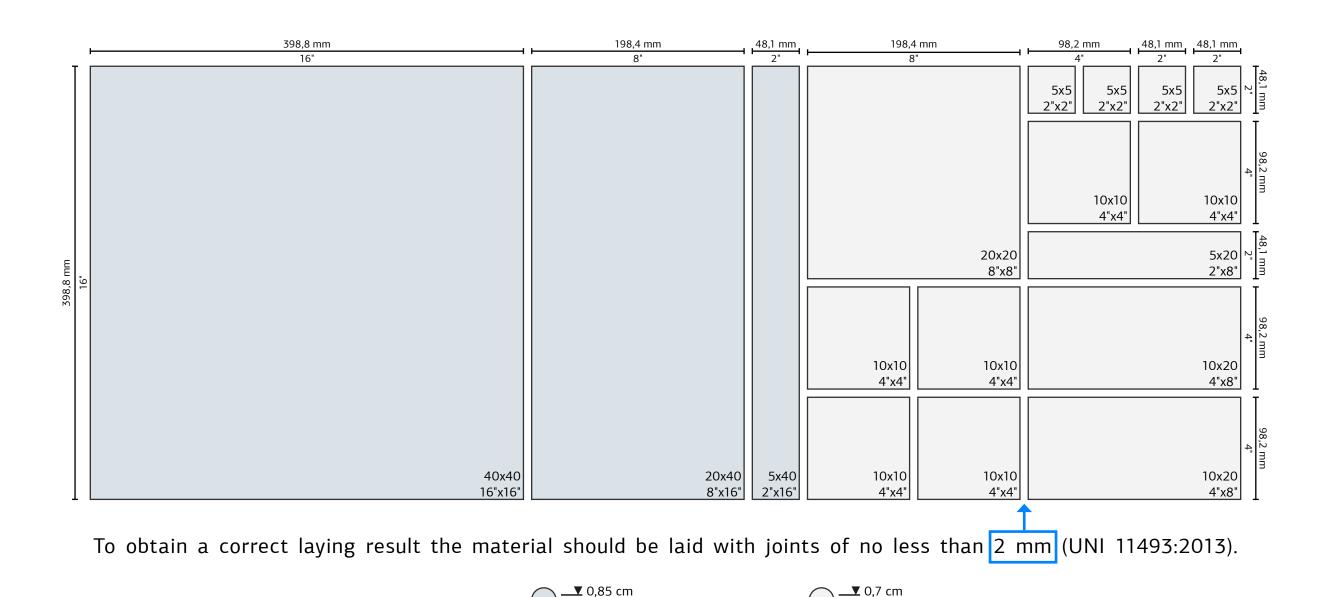




MODULARITY AND LAYING

The tiles in all of the Ceramica Vogue collections were designed to be laid in combination: the calibers of the different sizes are therefore compatible. The possibility to combine colours, finishes and sizes in a multitude of different ways is an excellent solution for designers, allowing them to satisfy all kinds of technical requirements without underestimating the demands for decoration and style. The measurements provided indicate the average production size referring to the central caliber. The size tolerances within the same caliber are laid down in the

standard UNI EN 14411 and are usually compensated by laying the material as per our instructions. It is possible that lower or higher calibers than the central one are supplied: thus the average manufacturing sizes may vary. In this regard, it is recommended to indicate in the order the sizes you intend to use for the composition, in order to ensure that they are supplied with compatible calibers.



★ 5x40 - 20x40 - 40x40













▲ 5x5 - 10x10 - 10x20 - 20x20 - Bisello





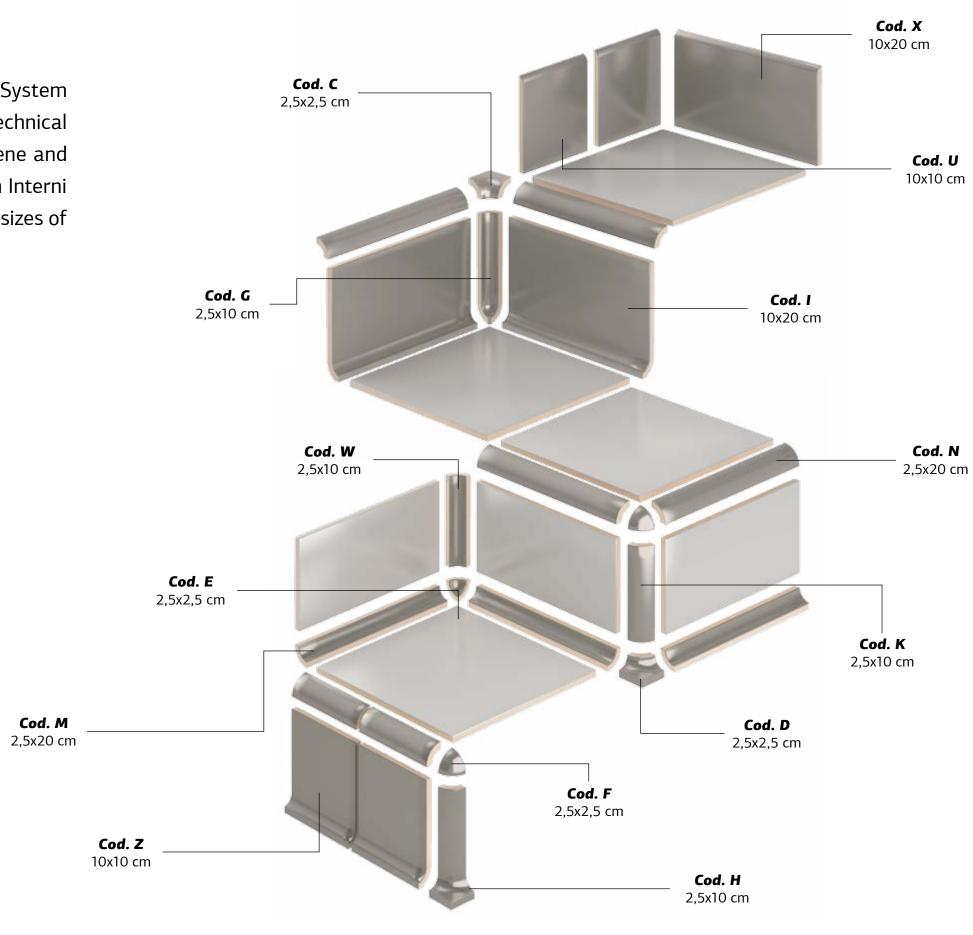
MODULAR SPECIAL PIECES

A full range of special pieces, available in all the Vogue System colours, meets every design requirement, whether of a technical nature or those imposed by in-force regulations on hygiene and maintenance. The special pieces are available in the satin Interni and glossy Trasparenze finishes, and come in the modular sizes of the Vogue System.

Alongside its traditional special pieces, Ceramica Vogue has created the Special Pool series of special pieces specifically designed to suit most poolsides. These products come in various sizes, including a 10cm-long version for curvilinear pool profiles.

All the special pieces come in the modular sizes of the various Ceramica Vogue collections, to allow for the complete tiling of any shape while ensuring perfect symmetry in the joints.

For a more detailed list, see the technical data sheets of each individual product.

















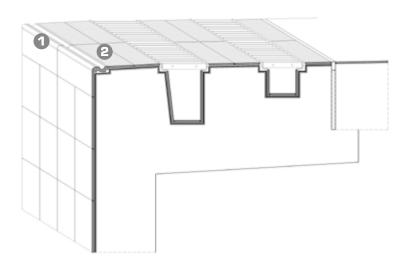


FINNISH SYSTEM

With the Finnish overflow system, water trickles over the edge of the pool and is collected by a duct. The Finnish poolside is the most widely used because it offers considerable technical advantages in terms of improved water quality, as well as significant aesthetic advantages in terms of elegance.

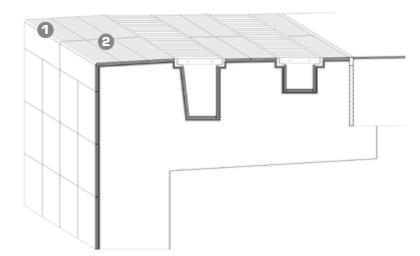






















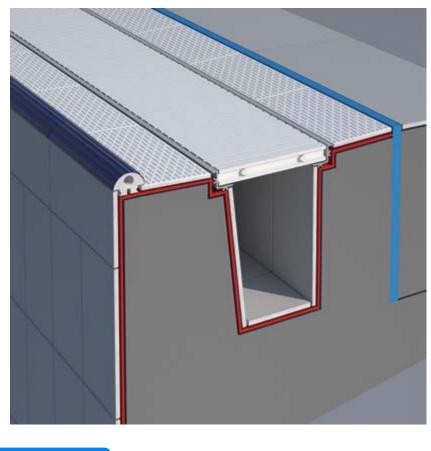




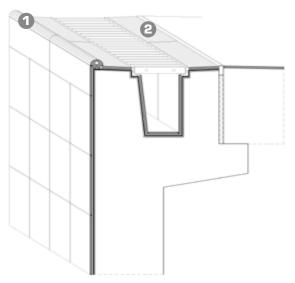


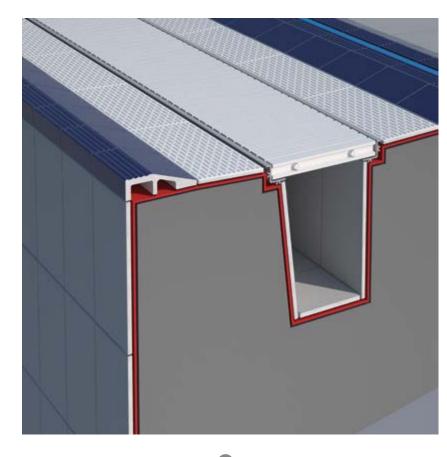
ZURICH SYSTEM

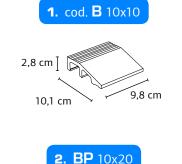
The Zurich overflow system is characterised by a rounded semi-cylindrical perimeter or by a raised edge that contains the water and make it flow into the collection channel.

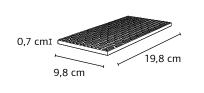


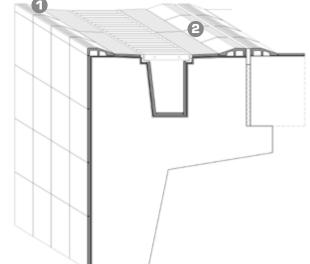






















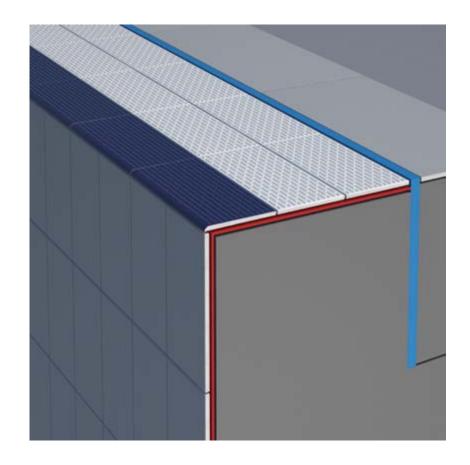




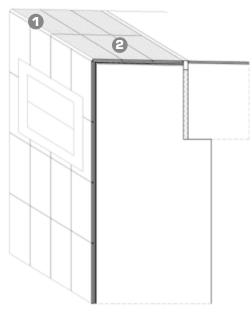


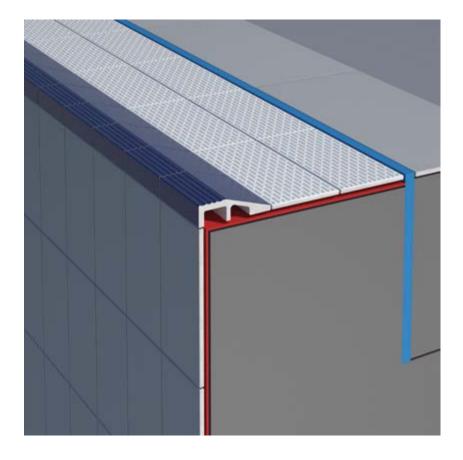
SKIMMER SYSTEM

This is a traditional and extremely widespread system, where the water level is 10-15 cm lower than the poolside edge.

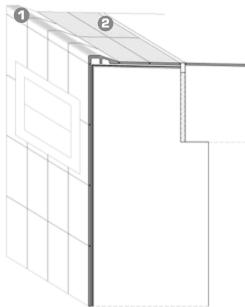




























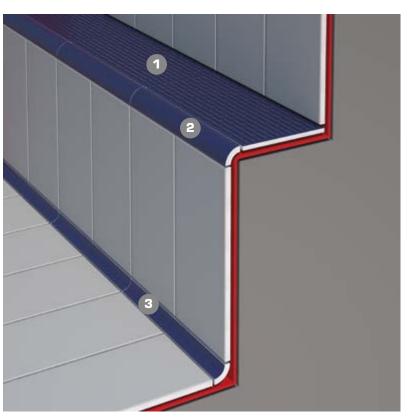
FINISHING SYSTEM

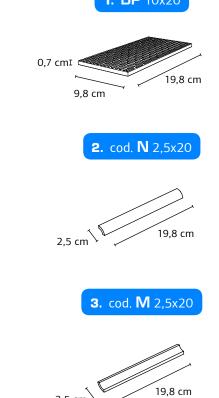
RESTING STEP

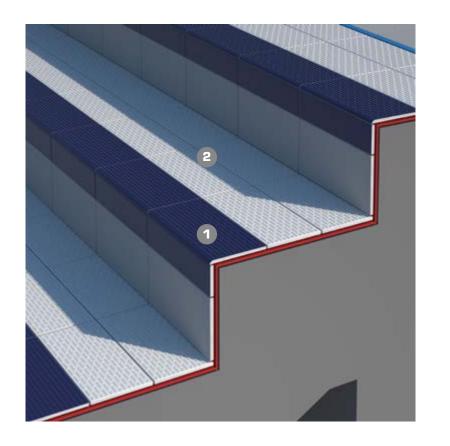
Current legislation provides for the possibility of installing resting surfaces, called resting steps, along a pool wall. To comply with safety standards, the steps must have a non-slip surface and a rounded edge, and must be of a contrasting colour.

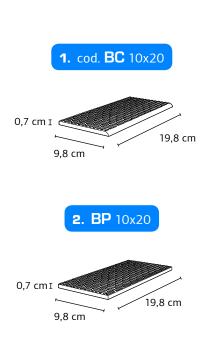
LADDERS AND STEPS

Under current legislation, the ladders and steps of swimming facilities should guarantee slip resistance with bare feet of group B when they are outside the pool and group C when they are in the water. The edge of each step should be highlighted with a contrasting colour so as to show the depth between one step and another. For safety reasons, sharp edges are forbidden, and the edges of all tiles and special pieces must always be smoothed.

























FINISHING SYSTEM

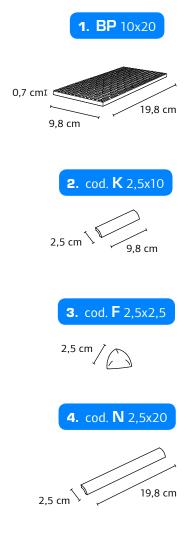
WALLS

Masonry walls are becoming increasingly common in swimming facilities as they create pleasant environments and delimit spaces allocated to different uses. These construction elements require rounded shapes and anti-slip materials in order to comply with safety standards.

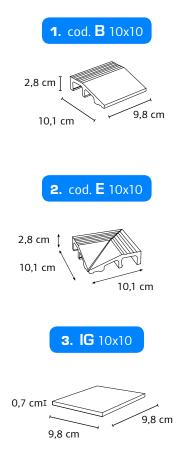
SHOWER TRAY

The Ceramica Vogue line of special pieces includes products suitable for the creation of shower trays, available in the modular sizes of the Vogue System anti-slip lines.

























SAFETY AND ANTI-SLIP PROPERTIES

Pursuant to specific regulatory requirements, the presence in swimming facilities of wet surfaces and surfaces submerged in water makes it imperative to use a floor material with anti-slip characteristics guaranteeing a high level of friction between surfaces in contact with each other, thus avoiding accidental falls, while also allowing ease of cleaning.

Germany has developed DIN regulations specifically targeted at ceramic products.

DIN 51097 applies to areas where people walk barefoot, while DIN 51130 applies to areas where people walk with footwear.

Ceramica Vogue offers several surfaces that meet the in-force regulations in terms of slip resistance, in particular the surface Flooring R10 B (A+B), the surface Grip R11 C (A+B+C) and the textured surface Bump C (A+B+C).

DIN 51097

Anti-slip value	inclination angle	Barefoot areas
A medium adhesion	≥ 12° <18°	
B hight adhesion	≥ 18° < 24°	Z
C strong adhesion	≥ 24°	Z

DIN 51130

Anti-slip value	inclination angle	Areas with footwear
R9 normal adhesion	6° ≤ a tot ≤10°	
R10 medium adhesion	10° ≤ α tot ≤19°	8
R11 hight adhesion	19° ≤ α tot ≤27°	\$

Product	DIN 51097	DIN 51130	Value V
Vogue System Flooring R10 B (A+B)	B (A+B)	R10	-
Vogue System Grip R11 C (A+B+C)	C (A+B+C)	R11	-
Vogue System Flooring40 R10	-	R10	-
Vogue System Grip40 B (A+B)	B (A+B)	-	-
Vogue Pool Bump	C (A+B+C)	-	V6

















Tender specifications

Glazed ceramic tiles, dry pressed with low water absorption (0,5% < Eb ≤ 3%)Group B1b - M - GL EN 14411:2012 H appendix.

Remarks:

Modularity and dimensional characteristics of the Ceramica Vogue ceramic tiles are definitely over the prescriptions of the norms, enhancing the aesthetical effect and reducing at the same time the laying costs. The Vogue product is easy to lay. The tests about chemical properties confirm high performances of the Ceramica Vogue products concerning an easy maintenance, resistance to stains, hygienic conditions. In case of particular requests concerning the chemical resistance, specific tests are available on demand.

† ↑ ↑ ↑ ↑ ↑

Dimensions and surface quality

nominal shape	actual size	test methods	requirements		Vogue results	
5x5 cm	sides: 48,1x48,1 mm	EN ISO 10545-2			sides:	± 0,3 mm
oxo cm	thickness: 7 mm	EN 130 10343-2			thickness:	± 0,4 mm
5x20 cm	sides: 48,1x198,4 mm	EN ISO 10545-2	sides:	± 0,6%	sides:	± 0,3%
5X2U CIII	thickness: 7 mm	EN 130 10343-2	thickness:	± 5%	thickness:	± 4%
5x40 cm	sides: 48,1x398,8 mm	EN ISO 10545-2	sides:	± 0,6%	sides:	± 0,3%
5x40 cm	thickness: 8,5 mm	EN 130 10343-2	thickness:	± 5%	thickness:	± 4%
10x10 cm	sides: 98,2x98,2 mm	EN ISO 10545-2	sides:	± 0,9 mm	sides:	± 0,3 mm
TOX TO CITE	thickness: 7 mm		thickness:	± 0,5 mm	thickness:	± 0,4 mm
10x20 cm	sides: 98,2x198,4 mm	EN ISO 10545-2	sides:	± 0,6%	sides:	± 0,3%
IUX2U CM	thickness: 7 mm	EN 130 10343-2	thickness:	± 5%	thickness:	± 4%
20x20 cm	sides: 198,4x198,4 mm	EN ISO 10545-2	sides:	± 0,6%	sides:	± 0,3%
ZUXZU CIII	thickness: 7 mm	EN 130 10343-2	thickness:	± 5%	thickness:	± 4%
20x40 cm	sides: 198,4x398,8 mm	EN ISO 10545-2	sides:	± 0,6%	sides:	± 0,3%
20X40 Cm	thickness: 8,5 mm	EN 130 10343-2	thickness:	± 5%	thickness:	± 4%
40x40 cm	sides: 398,8x398,8 mm	EN ISO 10545-2	sides:	± 0,6%	sides:	± 0,3%
40x40 cm	thickness: 8,5 mm	EN 130 10343-2	thickness:	± 5%	thickness:	± 4%
Straightnes	ss of sides (working surface)	EN ISO 10545-2	± 0,5%		± 0,4%	
Squareness		EN ISO 10545-2	± 0,5%		± 0,4%	
Flatness		EN ISO 10545-2	± 0,5%		± 0,4%	
Surface quality		EN ISO 10545-2	min. 95%		min. 95%	

Physical properties

test	test		test methods	requirements	Vogue results
Water al	bsorptic	on (%)	EN ISO 10545-3	0,50% < E _b ≤ 3,00 %	1,5 % (trims and bisello excepted)
J. Tensile		thickness: ≥ 7,5 mm	EN ISO 10545-4	1.100 N min.	> 1.700 N
strength	1	thickness: < 7,5 mm	EN ISO 10545-4	700 N min.	> 1. 000 N
	of rupt	ure	EN ISO 10545-4	30 N/mm² min.	> 40 N/mm²
P.E.I. Abrasion	Abrasion resistance (P.E.I.)		EN ISO 10545-7	quote the abrasion class	refer to product page
	Coefficient of linear thermal expansion		EN ISO 10545-8	test method available	< 6,9x10 ⁻⁶ /°C
Thermal	shock ı	resistance	EN ISO 10545-9	test method available	guaranteed
Crazing	resitan	ce	EN ISO 10545-11	required	guaranteed
Frost res	sistance		EN ISO 10545-12	test method available	guaranteed (trim, bisello pieces excepted)
Expansion Expansion	Expansion to humidity		EN ISO 10545-10	test method available	< 0,04%
≱ Impact r	Impact resistance		EN ISO 10545-5	test method available	> 0,6 (see P ppendix)

















Chemical properties

test	test methods	requirements	Vogue results
Stain resistance	EN ISO 10545-14	class 3 min.	3 min (see P appendix)
Resistance to chemical products for housekeeping and to the additives used in swimming-pools	EN ISO 10545-13	GB min.	GB min.
Resistance to acids and bases at low concentrations	EN ISO 10545-13	indicated by the producer	GLB min.
Resistance to acids and bases at low concentrations	EN ISO 10545-13	test method available	GHB min.
Lead and cadmium losses	EN ISO 10545-15	test method available	available if required

Other tests

test	test methods	requirements	Vogue results
Colour resistance to light	DIN 51094	not foreseen	guaranteed
Reaction to the fire	without test	decision 96/603/CE	class A1

Determination of cleanability and microbacterial analysis

Ceramica Vogue materials, if properly cleaned with appropriate cleaning products, do not promote the proliferation of bacteria (laboratory tests available).

Conformity to Standards

Ceramica Vogue material (best quality) complies with the provisions of standard UNI EN 14411-2012 – Appendix H. The management system applies the provisions of the Standards in the series ISO 9000, ISO 14000 and the CE761/2001 EMAS Regulation. The whole production cycle is covered by an Integrated Environmental Authorisation, pursuant to Art. 4 of Italian Legislative Decree (D.Lgs) 372/99 (I.P.P.C)



















Appendix P

EN ISO 10545-5: Determination of impact resistance by measurement of the coefficient of restitution: This test is only applied on tiles to be used in areas where the impact resistance is of particular interest. The normal requirement for light uses is a restitution coefficient of 0,55. Higher values would be asked for heavy uses.

EN ISO 10545-14: Determination of resistance to stains: The test is compulsory for glazed tiles. If stains may be a problem for unglazed tiles please refer to the manufacturer. This test is not to be used for the temporary colour variations which may appear in certain types of glazed tiles because of the water absorbtion of the body under the glaze.

Appendix N

Classification of glazed floor tiles based on resistance to abrasion:

This approximate classification is to be intended as a guide (see ISO 10545-7). It should not be used for product prescriptions related to specific requirements.

- **Class 0:** Tiles in this class are not recommended for floor coverings.
- **Class 1:** Floor coverings in barefoot areas or with use of shoes with soft soles without abrasive dirt (for example bathrooms and bedrooms in residential buildings, without directaccess from outside).
- Class 2: Floor coverings in areas where using shoes with soft or normal soles and with eventual small quantities of abrasive dirt (for example the day-rooms in private houses except kitchens, entrances and other rooms with high traffic). This is not valid for not normal footwear, as for example hobnail shoes.
- Class 3: Floor coverings in areas where using normal shoes with frequent presence of small quantities of abrasive dirt (for example kitchens in residential buildings, living rooms, entrances, balconies, verandah and terraces). This is not valid for not normal footwear, as for example hobnail shoes.
- Class 4: Floor coverings in ordinary traffic areas with abrasive dirt, therefore with worst conditions than in Class 3 (for example entrances, commercial kitchens, hotel, shops and selling areas)
- Class 5: Floor coverings in areas with high pedestrian traffic for extended times and with abrasive dirt, so that the conditions are the worst where you can use glazed floor tiles (for example public areas like commercial centers, airport halls, hotel entrances, public pedestrian crossings ad industrial applications).

This classification is valid for applications in standard conditions. Shoes, type of traffic and foreseeable cleaning systems should be taken in consideration and the floors should properly be protected from abrasive dirt at the building entrances through shoes cleaning systems. In extreme situations of very heavy traffic and lot of abrasive dirt, unglazed floor tiles of Group I can be taken in consideration.



















Vogue System Flooring R10 B (A+B)

	test	test methods	requirements	requirements			
_	Determination of the anti-slip characteristics:	DIN 51130 non-skid characteristics	R9 normal adhesion 6° ≤ a tot ≤10°	R10 medium adhesion 10° ≤ a tot ≤19°	R11 high adhesion 19° ≤ α tot ≤27°	α = inclination angle	R10
Z	Determination of the anti-slip characteristics for barefoot wet	DIN 51097 inclination angle (°)	A medium adhesion	B high adhesion	C strong adhesion		B (A+B)
	areas:		≥ 12 <18	≥ 18 < 24	≥ 24		
				I			
	Coefficient of friction: (1) dry (leather) (2) wet (Rubber)	B.C.R.A.	μ ≤ 0,19 dangerous slipperiness	0,20 ≤ µ ≤ 0,39 extreme slipperiness	0,40 ≤ µ ≤ 0,74 satisfactory friction	μ ≥ 0,75 excellent friction	(1) μ>0,48 (2) μ>0,42

Vogue System Grip R11 C (A+B+C)

	test	test methods	requirements	requirements			
1	Determination of the anti-slip characteristics:	DIN 51130 non-skid characteristics	R9 normal adhesion 6° ≤ α tot ≤10°	R10 medium adhesion 10° ≤ a tot ≤19°	R11 high adhesion 19° ≤ α tot ≤27°	α = inclination angle	R11
Z	Determination of the anti-slip characteristics for barefoot wet areas:	DIN 51097 inclination angle (°)	A medium adhesion	B high adhesion	C strong adhesion		C (A+B+C)
			≥ 12 <18	≥ 18 < 24	≥ 24		
	Coefficient of friction: (1) dry (leather) (2) wet (Rubber)	B.C.R.A.	µ ≤ 0,19 dangerous slipperiness	0,20 ≤ µ ≤ 0,39 extreme slipperiness	0,40 ≤ µ ≤ 0,74 satisfactory friction	µ ≥ 0,75 excellent friction	(1) μ>0,70 (2) μ>0,58

Vogue System Flooring40 R10

test		test methods	requirements				Vogue results
Deterr anti-si	nination of the ip characteristics:	DIN 51130 non-skid characteri- stics	R9 normal adhesion 6° ≤ α tot ≤10°	R10 medium adhesion 10° ≤ α tot ≤19°	R11 high adhesion 19° ≤ α tot ≤27°	α = inclination angle	R10

Vogue System Grip40 B (A+B)

	test	test methods	requirements				Vogue results
Z	Determination of the anti-slip characteristics for barefoot wet areas:	DIN 51097 inclination angle (°)	A medium adhesion	B high adhesion	C strong adhesion		B (A+B)
			≥ 12 <18	≥ 18 < 24	≥ 24		

Vogue Pool Bump C (A+B+C) V6

	test	test methods	requirements			Vogue results	
	Determination of the anti- slip characteristics for barefoot wet areas:	DIN 51097 inclination angle (°)	A medium adhesion ≥ 12 <18	B high adhesion ≥ 18 < 24	C strong adhesion ≥ 24		C (A+B+C)
+	assessment of displacement	DIN 51130 Volume of outflow	V4	V6	V8	V10	V6
	space:	cavity (cm³/dm²)	4 cm ³ /dm ²	6 cm³/dm ²	8 cm ³ /dm ²	10 cm ³ / dm ²	



















ASTM Test Results

Test	Test methods	Requirements	Vogue results
Water absorption (%)	C 373	0,5% to 3%	1,5 %
Breaking strenght in N	C 648	≥ 250 lbf	> 265 lbf
Chemical resistance	C 650	No requirement	Pass
Stain resistance	C 1378	Pass	Pass
Crazing resistance	C 424	Pass	Pass
Frost resistance	C 1026:2013	As reported	Pass
■ Bond strength of ceramic tile to	C 482 - 02		1,41 MPa fibre glass mesh mounted
portland cement	(2009)	> 0,34 MPa	1,32 MPa fibre glass not mesh mounted
Thermal shock	C 484	No sample must show visible effects	Pass

Vogue System Flooring R10 B (A+B)

Test	Test methods	Requirements	Vogue results
Dry Coefficient of friction	C 1028	anti slip > 0,60	0,77
Wet Coefficient of friction	C 1028	anti slip > 0,60	0,68

Vogue System Grip R11 C (A+B+C)

Test	Test methods	Requirements	Vogue results
Dry Coefficient of friction	C 1028	anti slip > 0,60	0,71
Wet Coefficient of friction	C 1028	anti slip > 0,60	0,79

C€ mark

European Regulation 305/2011 (CPR) abrogates Directive 89/106/EEC concerning construction products, introducing a number of important changes concerning the mark on construction products effective 01/07/2013.

The Declaration of Conformity for construction products is replaced by the Declaration of Performance (DoP), with a different meaning and different content. Products cannot circulate within the European Union without this declaration.

The presence of the CE mark on all Ceramica Vogue packages demonstrates that the product contained in them conforms to the declarations of the technical information sheets and that the constancy of the product's performance has been tested as a guarantee for the user.



















Maintenance

The quality of a ceramic wall tile depends not only on proper design and laying, but also the care taken of the surface thereafter.

Ceramica Vogue frost resistant white body glazed stoneware tiles are hard-wearing, hygienic and easy to clean. They require no particular maintenance other than the application of a number of simple cleaning rules.

It is important to distinguish between the cleaning to be carried out when the building work is complete and ordinary cleaning.

Cleaning after building work is completed

In addition to keeping surfaces protected during the various phases of the building work, it is of fundamental importance to ensure the tiles are cleaned properly for the first time once the building work is complete.

The purpose of this operation is to remove all traces and residue from the laying process from the surface of the tiles. Before washing the tiles, it is important to vacuum off the worst of the dirt, without scratching the surface of the tiles. Cleaning must be done using products such as Deterdek (www.filachim.com), Keranet (www.mapei. com) or similar.

The indications on the technical specifications of the products used must be followed very carefully, and all cleaning products should be tested on a small portion of a tile before proceeding to clean the whole surface.

Ordinary cleaning

For ordinary cleaning, it is best to use products able to remove any dirty marks without damaging the surface glaze, avoiding particularly aggressive (e.g. acid-based) products.

Use simple products suitable for cleaning ceramics. To improve the efficacy of the cleaning agents, dilute them in hot water.

General rules

Abrasive substances or cleaning instruments such as abrasive sponges or excessively hard brushes should be avoided, because they could scratch the surface or leave marks that will be impossible to remove.

On products with anti-slip characteristics, wash and wax or wax products must not be used.

For areas that lead directly outdoors, mats must be used in order to limit the abrasive agents brought in.











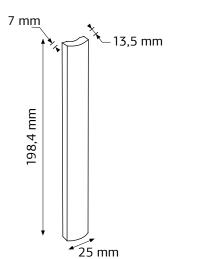




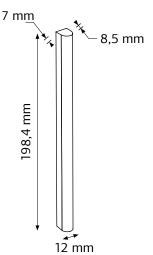


Pezzi Speciali

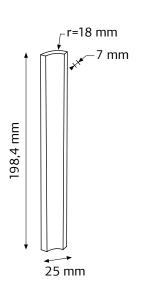
Quadra 2,5x20



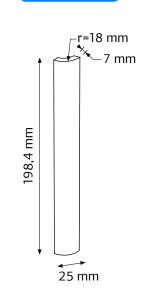
Stick 1,2x20



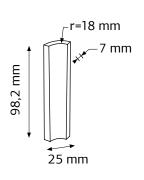
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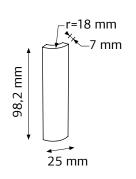
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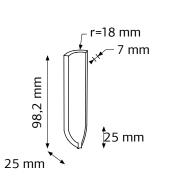
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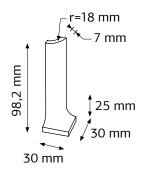
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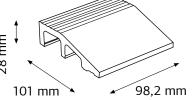
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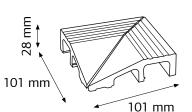
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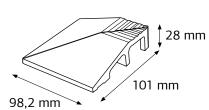
Bordo cod. **B** 10x10



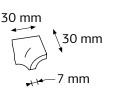
Spigolo cod. **E** 10x10



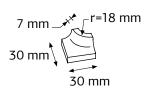
Angolo cod. I 10x10



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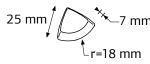


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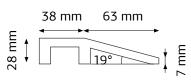


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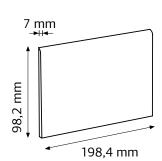




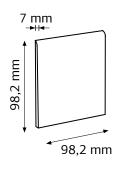
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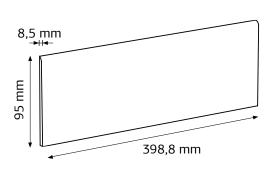
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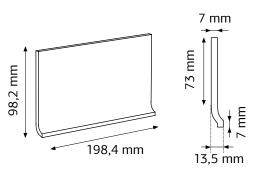
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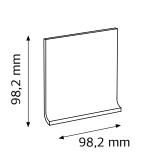
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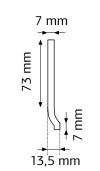


cod. | 10x20



cod. **Z** 10x10

















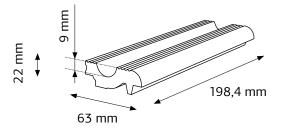




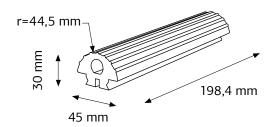


Special Pool

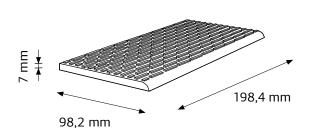
cod. **BR** 6,3x20



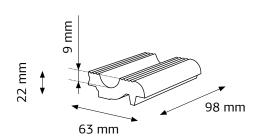
cod. **FU** 4,5x20



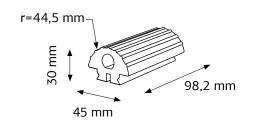
cod. **BC** 10x20



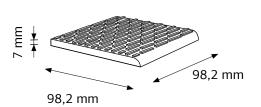
cod. **BR1** 6,3x10



cod. **FU1** 4,5x10



cod. **BC1** 10x10



















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