The Choice of Architects

C-Mine - Genk, Belgium

topCer®

Indústria de Cerâmica, S.A.

ISO 9001 & ISO 14001 Certified

32 YEARS OF EXCELLENCE

Sustainability & Environmental Statement

TopCer has long been committed to environmental friendly operations in the conception, manufacturing and trading of Unglazed Porcelain wall and floor tiles. TopCer ensures sustainability along production processes in accordance with standards and legal requirements, and simultaneously making sure that we meet client's needs and expectations.

Environmental awareness is present throughout all TopCer products lifecycle (please see our Environmental Product Declaration at our website www.topcer.com/general_data.php) namely:

- Best practices adoption of environmental management for continuous improvement and pollution prevention;
- Assuring that all raw materials used in the production process come from environmental conscious suppliers, preferably from suppliers with environmental certification;
- Commiting ourselves to reduce energy consumption in all stages of our product life cycle;
- Ensuring that the sludge from water waste treatment and crushed porcelain pieces generated in our manufacturing process are re-used by a licensed waste operator in the production of structural ceramics as these residues due to the technical characteristics of Unglazed Porcelain Tiles cannot be re-integrated in production process;
- Encouraging the recycling of other types of waste in the main areas where they are produced, by disposal bins with appropriate labeling, in order to support and perform the separation of several types of plastic, cardboard and paper, paper and plastic cups, wood, etc. Assuring that the recycling of each type of waste occurs through licensed organizations specialized in respective fields.

TopCer Environmental Management System is certified by ISO 14001 as well as TopCer Quality Management System by ISO 9001.

TopCer

Founded in 1991, TopCer is an established worldwide brand, well known by the quality of their unique and innovative products.

TopCer is specialised in the manufacturing of Unglazed Porcelain Tiles in small modular sizes (10x10, 7.5x15, 15x15, 10x30 and 30x30) in various textures and shapes, complemented by a considerable line of matching trim pieces (49), all available in 30 colours.

The continuous research of traditional sizes, components and patterns used in the last two centuries, led Topcer to develop the collections "Victorian Designs and Borders" and "Contemporaneous Series", which offer traditional and modern innovative designs, back mesh mounted in modular sheets. These made possible in some markets to develop specific niches for their use in Palaces, Museums, Hotels, Restaurants and Pubs, Cruise Ships, private homes, restoration of old floors, etc.

TopCer tiles, due to their high breaking strengh, resistance to wear frost and non-slipping properties, are mostly used in all type of highly demanding areas.

Merit, Excellence and Leadership
award winner

Carlos R. Miguel
Managing Director, TopCer

PME excelência since 2011

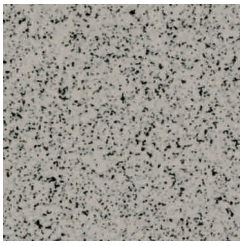
PME excelência'14 · PME excelência'16 · PME excelência'17 · PME excelência'18 · PME excelência'20 · PME excelência'21 · PME excelência'22

PME líder since 2008

PME líder'19 · **PME** líder'20 · **PME** líder'21 · **PME** líder'22 · **PME** líder'23

Colour Program

01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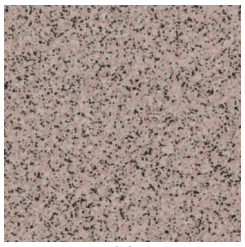
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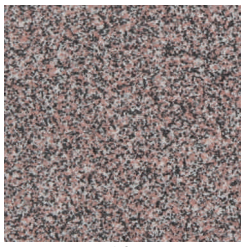
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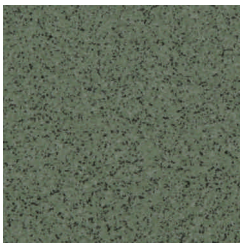
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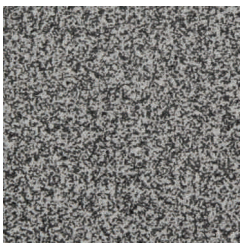
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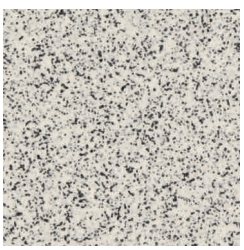
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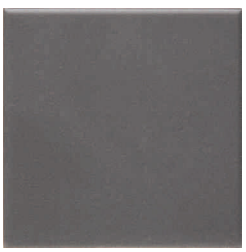
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Colour's accuracy is limited by the print of this catalogue.

Stock Availability

(standard thickness 8 – 8.5 mm)

SERIES	COLOURS			SIZES		RC	DD	RT	SS					RT
					10x10	10x10	10x10	10x10	10x10	10x10	10x10			
														Discontinued
					15x15	15x15	15x15	15x15	15x15	OCT	HEX	7.5x15	10x30	30x30	30x30
Series 1	01		Beige		●	●	●	●	●	●	●	●	●		
	02		Speckled Grey		●	●	●	●	●	○	○	○	○		
	03		Yellow		●	●	●	●	●	●	●	●	●		
	05		Old Rose		●	●	●	●	●	●	●	●	●		
	06		Light Grey (Brown.)		●	●	●	●	●	●	●	●	●		
	08		Granite Rose		●	●	●	●	●	○	○	○	○		
	09		Granite Grey		●	●	●	●	●	○	○	○	○		
	17		Speckled Brown		●	●	●	●	●	○	○	●	●		
Series 2	10		Granite Burgundy		●	●	●	●	●	○	○	○	○		
	24		Speckled Black/White		●	●	●	●	●	○	○	●	●		
Series 3	07		Light Grey (Blue)		●	●	●	●	●	●	●	●	●		
	12		Granite Blue		●	●	●	●	●	○	○	○	○		
	14		Black		●	●	●	●	●	●	●	●	●		
	19		Pink		●	●	●	●	●	●	●	●	●		
	20		Brick-red		●	●	●	●	●	●	●	●	●		
	21		Ochre Yellow		●	●	●	●	●	●	●	●	●		
	22		Granite Green		●	●	●	●	●	○	○	○	○		
	28		Light Green		●	●	●	●	●	●	●	●	●		
	30		Dark Grey		●	●	●	●	●	●	●	●	●		
Series 4	04		Caramel		●	●	●	●	●	●	●	●	●		
	13		Turquoise		●	●	●	●	●	●	●	●	●		
	15		Medium Grey		●	●	●	●	●	●	●	●	●		
	16		White		●	●	●	●	●	●	●	●	●		
	26		Speckled White		●	●	●	●	●	○	○	○	●		
	27		Light Blue		●	●	●	●	●	●	●	●	●		
	29		Coffee Brown		●	●	●	●	●	●	●	●	●		
Series 5	11		Blue (Cobalt)		●	●	●	●	●	●	●	●	●		
	18		Dark Green		●	●	●	●	●	●	●	●	●		
	23		Speckled Yellow		●	●	●	●	●	○	○	○	○		
	25		Yellow (Lemon)		●	●	●	●	●	●	○	○	○		

(●) Means that we carry regular stocks. Orders are accepted for the minimum quantity of 1 carton.

(○) Means that colour is not available in the above sizes/textures/thickness but can become available at request subjected to a minimum order quantity of 500m^2 (Customers must purchase any extra materials obtained in 1st quality for these customised orders, until the maximum of 10% of the ordered quantity).

If there is an enquiry for a small quantity of a specific colour/size/texture/thickness/shape that is not in the above list of regular stocks, please contact us to check if there is any material left from past productions.

# Sizes & Shapes
# Smooth Textures
M(cm) / W(mm)

10 x 10 Loose

96x96x8

10 x 10 on mesh
Sheet 30x30 (4 mm joint)

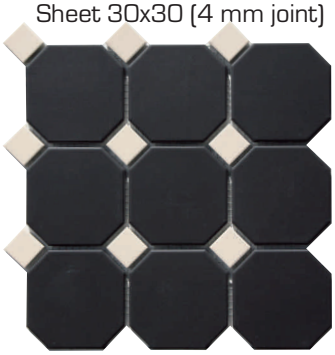
296x296x8

10 x 10 Octagon

29x29

96x96x8

10 x 10 Octagon with Dot 3x3
Sheet 30x30 (4 mm joint)



296x296x8

10 x 10 Hexagon

100x115x8

10 x 30

96x296x8

30 x 30

296x296x8.5

7.5 x 15

71x146x8

15 x 15

146x146x8

# Sizes
# Textured Surfaces
M(cm) / W(mm)

RT

10 x 10

96x96x8.5

15 x 15

146x146x8.5

30 x 30

296x296x8.5

SS

10 x 10

96x96x8.5

15 x 15

146x146x8.5

RC

10 x 10

96x96x8.5

15 x 15

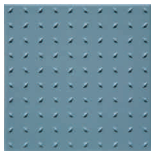
146x146x8.5

DD

10 x 10

96x96x8.5

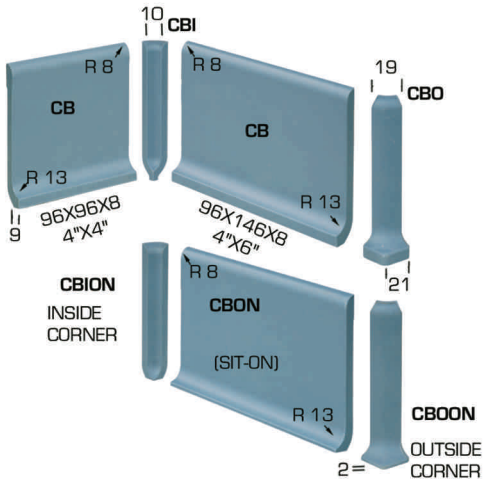
15 x 15



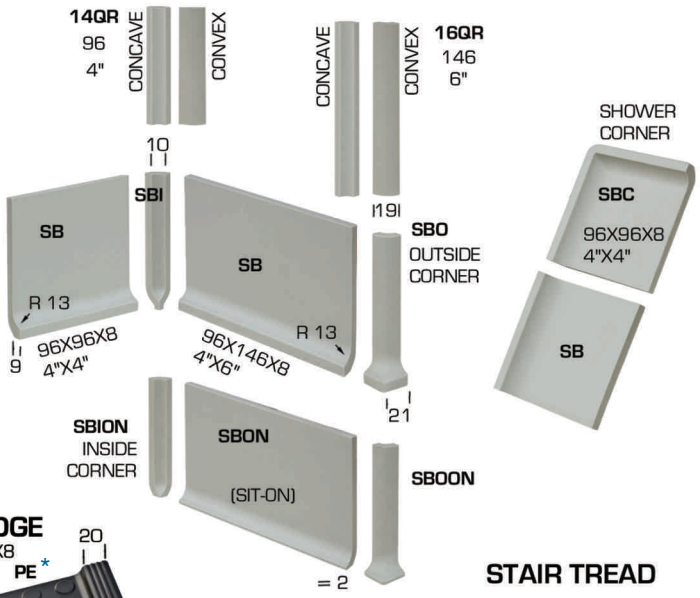
146x146x8.5

Trim Pieces
(mm)

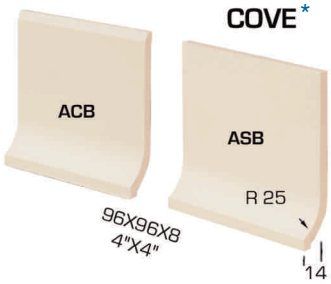
COVE BASE



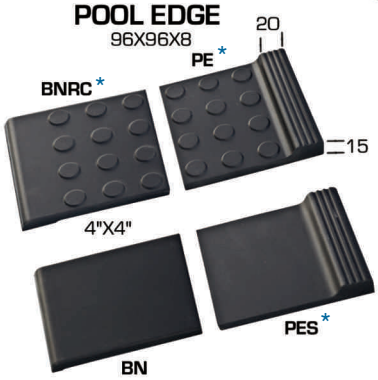
SANITARY COVE BASE
WALL ANGLES
(QUARTER ROUND)
(reversible)



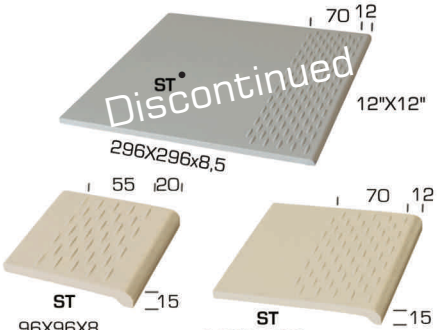
AUSTRALIAN COVE *



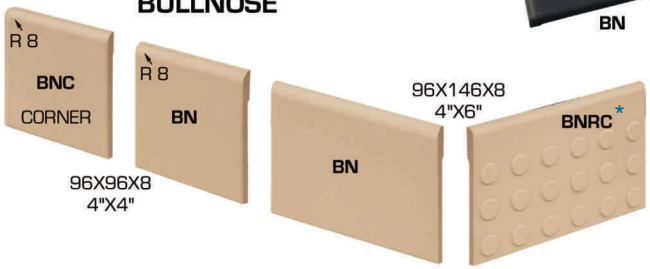
POOL EDGE
96X96X8

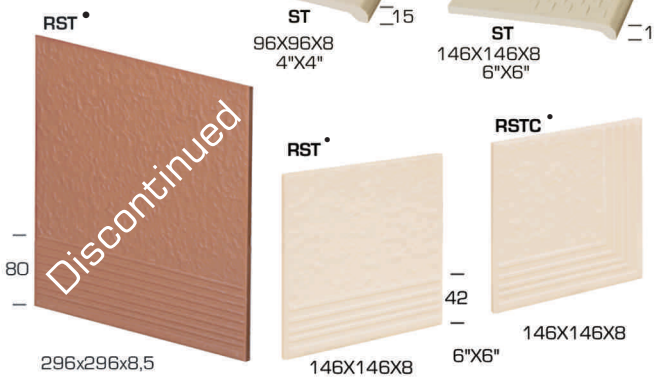


STAIR TREAD

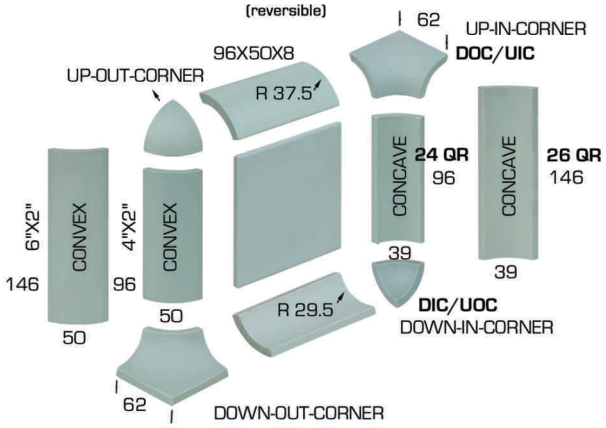


BULLNOSE

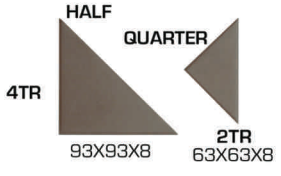




QUARTER ROUND
(reversible)

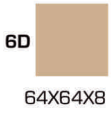


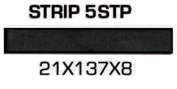
TRIANGLE



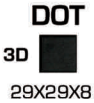
LOZENGE

SQUARE





DOT



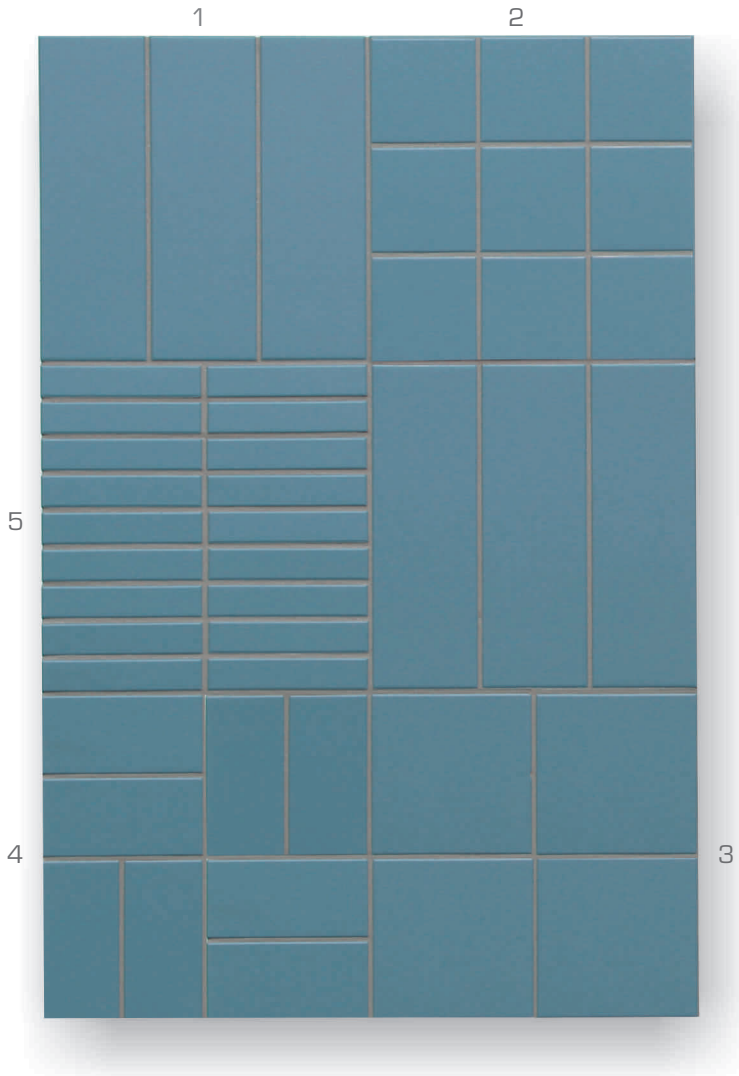
NOTE: Trim Pieces are intended to be used as finishing pieces, matching only with TOPCER field tiles.

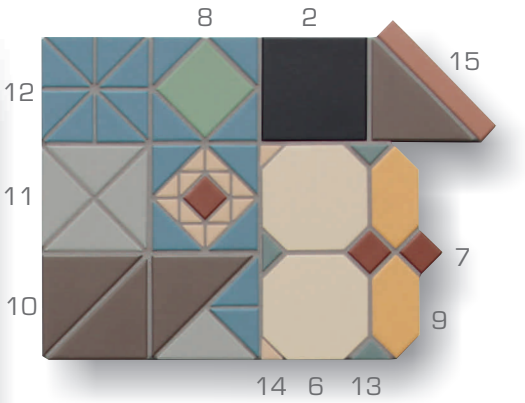
* Australian Coves, BNRC, PE and PES pieces are not stocked in all colours. Orders for colours not in stock are only accepted for minimum of 500 pieces.

• Orders for Stair Treads ST and RST size 30x30 (296x296x8,5mm), RSTand RSTC size 15x15 (146x146x8mm) are only accepted after stock availability confirmation.

Modular Sizes

(4mm standard joints)





1 - 4"x12" — 10x30 (96x296x8mm)

2 - 4"x4" — 10x10 (96x96x8mm)

3 - 6"x6" — 15x15 (146x146x8mm)

4 - 3"x6" — 7,5x15 (71x146x8mm)

5 - 6STP — 29x146x8mm (MIAMI 30x30)

6 - OCT — 10x10 (96x96x8mm)

7 - 3D — 29x29x8mm

8 - 6D — 64x64x8mm

9 - LZ — 96x44x8mm

10 - 4TR — 93x93x8mm

11 - 2TR — 63x63x8mm

12 - 1TR — 45x45x8mm

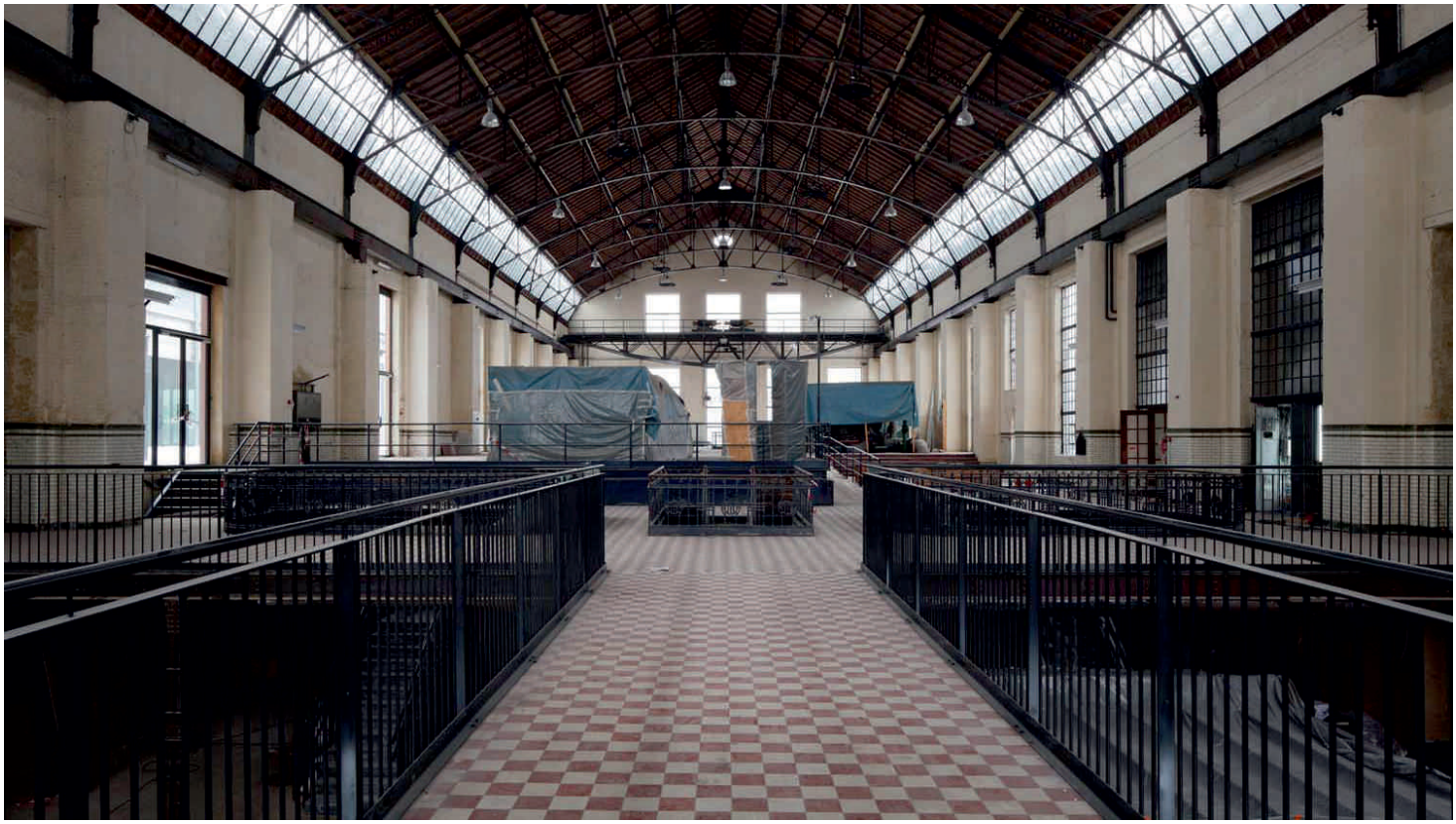
13 - TR1/2D — 25x25x8mm

14 - TR1/4D — 20x20x8mm

15 - 5STP — 21x137x8mm

References

OPZ - Geel, Belgium



C-Mine - Genk, Belgium

WZC Menos - Genk, Belgium

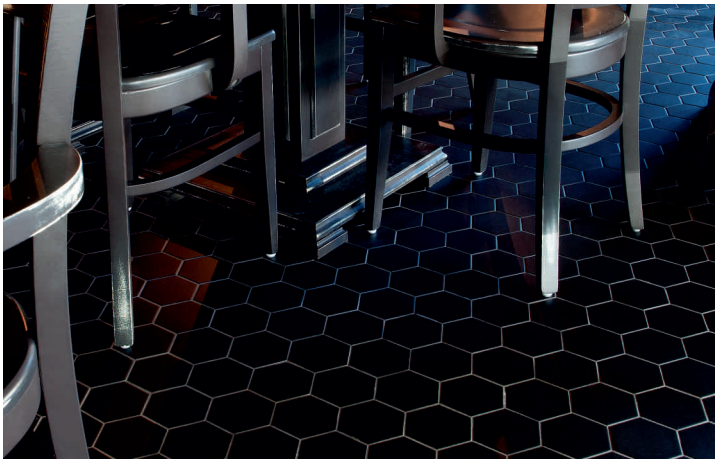
St. Joseph Hospital - Berlin, Germany

Telenet HQ - Mechelen, Belgium

Story Ravintola - Helsinki, Finland

Boulangerie Paul - Orly, France

Restaurant Bar, Sweden



Pivovar - Kaliningrad, Russia

Nando's Restaurant - Colchester, UK

Lido, Latvia

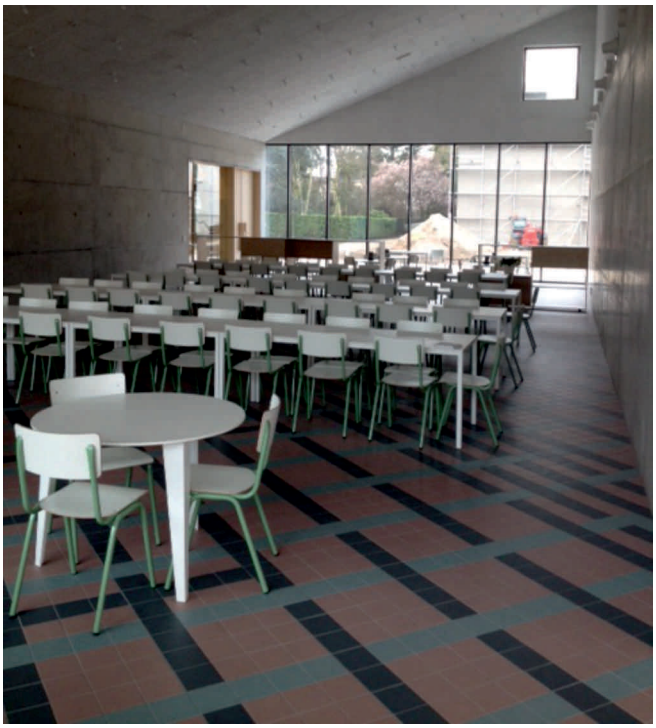
Fruehauf, Germany

Fire brigade premises - Lisse, the Netherlands

Cabrillo Boulevard - Santa Barbara, CA - USA

Headquarters "Gasuni" - Groningen, the Netherlands

Woerden station, the Netherlands



Youth Hostel - Kortrijk, Belgium

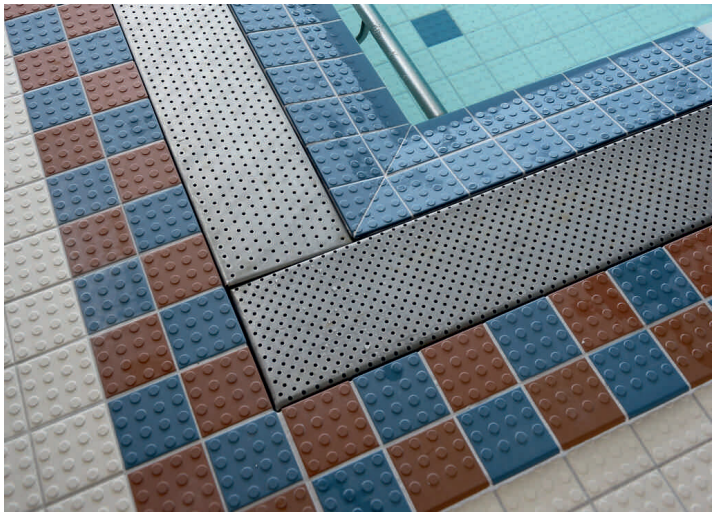
Private residence - Milan, Italy

Restaurant Vertigo - New York, USA

Casa da Música - Oporto, Portugal

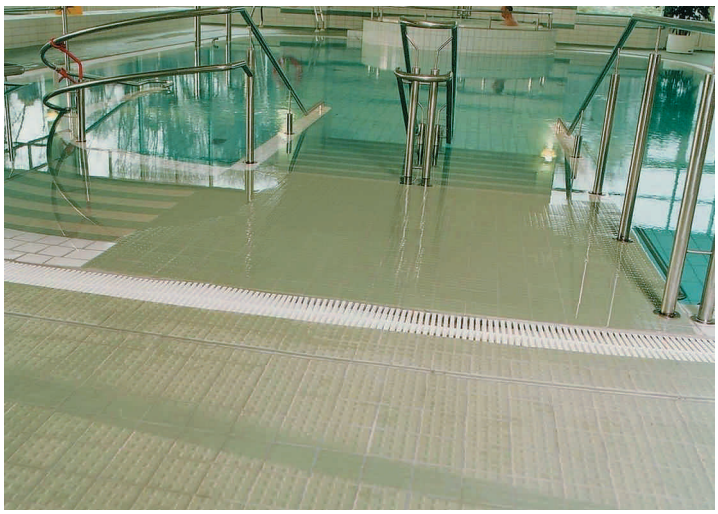
Comprehensive school - Ultrecht, the Netherlands

Gelredome Stadium - Arnhem, the Netherlands



Swimming Pool Complex - Vetelin, Finland

Swimming Pool Complex - Aulanko, Finland



Municipal Swimming Pool - Tammisaari, Finland

Kinsmead Pool, UK

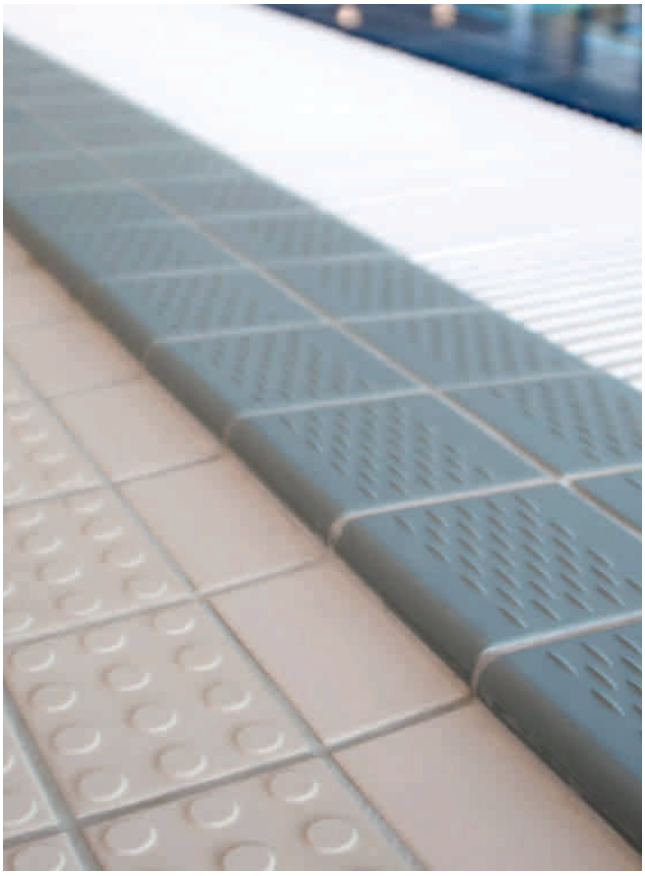
Thermal Spa - Luso, Portugal

Caribia Hotel - Turku, Finland

Thermal Spa - Cabeço de Vide, Portugal

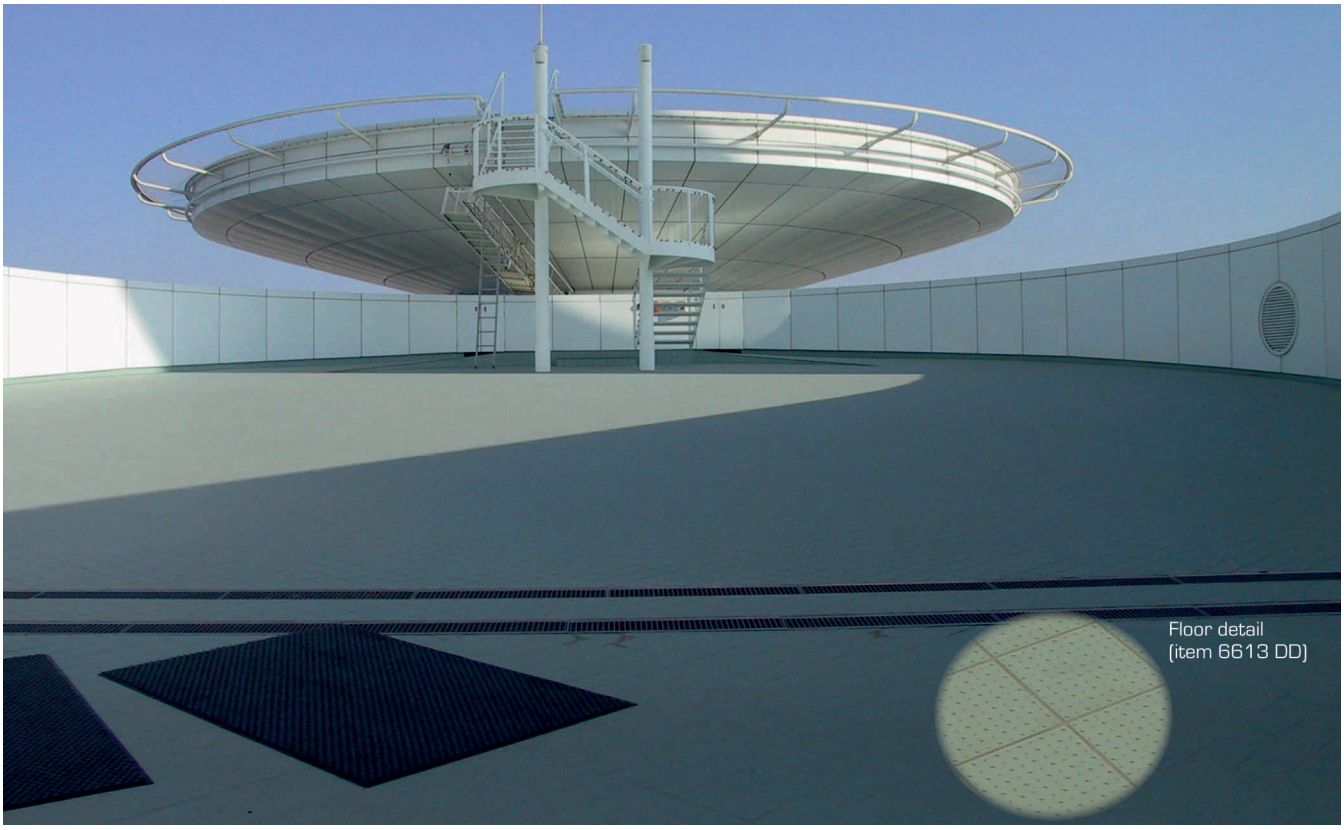
Mariebad Spa & Bad - Alands, Finland

Swimming Pool Complex - Ulvila, Finland



Swimming Pool Complex - Someron, Finland

Swimming Pool Complex - Someron, Finland



Burj Al Arab Helipad - Dubai, UAE

Centro Mariano - Fátima, Portugal

Packing

THICKNESS	CARTON / BOX					PALLET		
	Sizes	Pieces	Sq.mts	Sheets 30x30	Measurements (cm)	Cartons	Sq.mts	Gross Weight (kgs)
8 mm	10x10 4"x4"	Mesh mounted						
		SMOOTH	126	1.26	14	120x100x78 H (B)	60	75.60	1290
		DD	"	"	"	"	"	"	1220
		RC	"	"	"	"	"	"	1260
		RT	"	"	"	"	"	"	1280
		SS	"	"	"	"	"	"	1300
		OCT with DOT	"	"	"	120x100x94 H (B)	54	68.04	1170
		Loose							
		SMOOTH	100	1.00	–	120x80x65 H (A)	60	60	1050
		OCT	"	"	–	"	"	"	940
		DD	"	"	–	120x80x75 H (A)	"	"	990
		RC	"	"	–	"	"	"	1000
		RT	"	"	–	"	"	"	1010
		SS	"	"	–	"	"	"	1020
		HEXAGON	"	0.92	–	120x80x80 H (A)	54	49.68	890
	7.5x15 3"x6"	Loose							
		SMOOTH	100	1.125	–	120x80x80 H (A)	60	67.50	1170
	15x15 6"x6"	Loose							
		SMOOTH	50	1.125	–	120x80x80 H (A)	60	67.50	1180
		DD	"	"	–	120x80x90 H (A)	65	73.125	1270
		RC	"	"	–	"	"	"	1290
		RT	"	"	–	"	"	"	1290
		SS	"	"	–	"	"	"	1340
12 mm		Loose							
		SMOOTH	34	0.765	–	120x80x90 H (A)	75	57.375	1490
		DD	36	0.81	–	"	65	52.65	1360
		RC	"	"	–	"	"	"	1380
		RT	"	"	–	"	"	"	1400
		SS	"	"	–	"	"	"	1410
8 mm	10x30 4"x12"	Loose							
		SMOOTH	34	1.02	–	120x80x75 H (A)	60	61.2	1060
	30x30 12"x12"	Loose							
		SMOOTH	11	0.99	–	120x80x75 H (A)	60	59.40	1150
		RT	"	"	–	"	"	"	1090

			20 FEET CONTAINER				TRUCK / CAMION	
			19 tons		21.5 tons		24 tons	
THICKNESS	Sizes		Pallet	Sq.mts.	Pallet	Sq.mts.	Pallet	Sq.mts.
8 mm	10x10 4"x4"	Mesh mounted						
		SMOOTH, DD, RC, RT, SS	14 (B)	1058.4	16 (B)	1209.6	18 (B)	1360.8
		Loose						
		SMOOTH	18 (A)	1080	21 (A)	1260	23 (A)	1380
		DD, RC, RT, SS	18 (A)	1080	21 (A)	1260	23 (A)	1380
	7.5x15 / 3"x6" 15x15 / 6"x6"	Loose						
		SMOOTH	16 (A)	1080	18 (A)	1215	20 (A)	1350
	15x15 6"x6"	Loose						
		DD, RC, RT, SS	14 (A)	1023.75	16 (A)	1170	18 (A)	1316.25
	10x30 4"x12"	Loose						
		SMOOTH	18 (A)	1101.6	21 (A)	1285.2	22 (A)	1346.4
	30x30 12"x12"	Loose						
		SMOOTH, RT	17 (A)	1009.8	19 (A)	1128.6	21 (A)	1247.4

Detailed packing of all TopCer products is available at
http: www.topcer.com / General Data / Detailed Packing

(A) EURO PALLET - EPAL 1 — size 1200x800mm (aprox 27 Kg)

(B) EURO PALLET - EPAL 2 — size 1200x1000mm (aprox 30 Kg)

Technical Data

Unglazed porcelain tiles — ISO 13006 and EN 14411 - Annex G - Group BIa

SIZES:	M(=N)	10x10	10x30	7.5x15	15x15	30x30	DESIGNING COMPONENTS a)
	W	96x96x8	96x296x8	71x146x8	146x146x8	296x296x8.5	

a) Including 6STP (W29x146x8), 5STP (W21x137x8), 6D (W64x64x8), 3D (W29x29x8), LZ (W96x44x52x8), TR (W93x93x8, W64x64x8, W45x45x8, W25x25x8 y W20x20x8)

PHYSICAL PROPERTIES	TEST STANDARD	REQUIREMENTS			TOPCER VALUE
DIMENSION AND SURFACE QUALITY:		**N< 7 cm**	**7 cm≤N<15 cm**	**N≥15 cm**	
Length and width	ISO 10545-2	± 0,5 mm	± 0,9 mm	± 0,6% / ± 2,0 mm	Conforms
Thickness	ISO 10545-2	± 0,5 mm	± 0,5 mm	± 5,0% / ± 0,5 mm	Conforms
Straightness of sides	ISO 10545-2	No testing	± 0,8 mm	± 0,5% / ± 1,5 mm	Conforms
Rectangularity	ISO 10545-2	No testing	± 0,8 mm	± 0,5% / ± 2,0 mm	Conforms
Surface flatness, (curvature and warpage)	ISO 10545-2	No testing	± 0,8 mm	± 0,5% / ± 2,0 mm	Conforms
Surface quality	ISO 10545-2		≥ 95%		Conforms
PRODUCT QUALITY AND DURABILITY:					
Water absorption	ISO 10545-3		≤ 0,5%		Conforms
Breaking strength	ISO 10545-4		≥ 1300 N		≥ 1800 N
Modulus of rupture	ISO 10545-4		≥ 35 N/mm²		≥ 50 N/mm²
Impact resistance	ISO 10545-5		Declared Value		No visible defects
Resistance to deep abrasion (unglazed tiles)	ISO 10545-6		≤ 175 mm³		123 mm³
Coefficient of linear thermal expansion	ISO 10545-8		Declared Value		5,6 x 10^{-6} °C^{-1}
Thermal shock resistance	ISO 10545-9		No visible defects		Conforms
Moisture expansion	ISO 10545-10		Declared Value		< 0,1 mm/m
Frost resistance	ISO 10545-12		No visible defects		Conforms
Resistance to chemicals	ISO 10545-13		No visible defects		Conforms
Resistance to staining	ISO 10545-14		No permanent staining		Conforms

SLIP RESISTANCE: (For the designing components, the slip resistance is equal or better than size 10x10 smooth)

Dynamic Coefficient of Friction (DCOF)

	VALUES:	
ASTM - ANSI A 137.1-2012 (INTERTEK - CA)	0.62	10x10 / 4"x4 Plain Finish (smooth)
	0.65	10x10 / 4"x4 Riven (RT) finish
AS 4586:2013 Apendix B (ATTAR - AU)	0.65	10x10 / 4"x4 Plain Finish (smooth)

Wet Pendulum Slip Resistance

AS 4586:2013 Apendix A (ATTAR - AU)	47	10x10 / 4"x4 Plain Finish (smooth)

Areas with footwear

	VALUES:		
Pendulum (Slider 96)	DRY	WET	SIZES / SURFACE TEXTURE
CEN/TS 16165 : 2016 (Annex C)	62 - 71	42 - 53	10x10; 7,5x15; 15x15; 10x30; 30x30 Plain finish (smooth)
	65	45	10x10 Octagon with 3x3 dot Plain finish (smooth)
	63	39	10x10 Hexagon Plain finish (smooth)
	81 / 85	73 / 75	10x10 Round studs (RC) finish / 15x15 Round studs (RC) finish
	83 / 85	71 / 74	10x10 Square studs (SS) finish / 15x15 Square studs (SS) finish
	85 / 88	70 / 79	10x10 Diamond studs (DD) finish / 15x15 Diamond studs (DD) finish
	63 / 67	53 / 55	10x10 Riven (RT) finish / 15x15 Riven (RT) finish

Pendulum (Slider 57)	PVT	Class	SIZES / SURFACE TEXTURE
UNE 41901 : 2017 EX (SPAIN)	37 / 39	2	10x10 colour 16 / 10x10 colour 28 Plain finish (smooth)
	29 - 32	1	10x10 other colours; 10x10 Octagon; 10x10 Hexagon Plain finish (smooth)
	26 - 35	1	7,5x15; 15x15; 10x30; 30x30 Plain finish (smooth)
	57 / 53	3	10x10 Round studs (RC) finish / 15x15 Round studs (RC) finish
	64 / 58	3	10x10 Square studs (SS) finish / 15x15 Square studs (SS) finish
	51 / 56	3	10x10 Diamond studs (DD) finish / 15x15 Diamond studs (DD) finish
	47 / 54	3	10x10 Riven (RT) finish / 15x15 Riven (RT) finish

PVT	Class
$R_d \leq 15$	= 0
$15 < R_d \leq 35$	= 1
$35 < R_d \leq 45$	= 2
$R_d > 45$	= 3

	VALUES:	
Ramp Test		
DIN 51130 (HS-KOBLENZ - DE)	6° ≤ R9 ≤ 10°	30x30 Plain finish (smooth)
	10° < R10 ≤ 19°	10x10 (also Hexagon and Octagon) / 10x30 / 15x15 Plain finish (smooth)
	19° < R11 ≤ 27°	10x10 / 15x15 Square studs (SS) and in Round studs (RC) 30x30 Rubber (R), 30x30 Riven (RT)
	27° R12 ≤ 35°	10x10 / 15x15 Riven (RT) and in Diamond studs (DD)

Displacement volume / Expulsion space	DIN 51130/BGR 181 (HS-KOBLENZ - DE)	V5	15x15 Square studs (SS) and Riven (RT)
		V6	10x10 Square studs (SS) and Riven (RT), 15x15 Round studs (RC)
		V7	15x15 Diamond studs (DD)
		V8	10x10 Round studs (RC)

Areas with bare-footed	DIN 51097 (HS-KOBLENZ - DE)	12° ≤ A < 18°	30x30 Plain finish (smooth)
	(HS-KOBLENZ - DE)	18° ≤ B < 24°	10x10 (also Hexagon and Octagon) / 10x30 / 15x15 Plain finish (smooth) 30x30 Rubber (R), 30x30 Riven (RT)
	(CERAM - UK)	18° ≤ B < 24°	10x10 / 15x15 Plain finish (smooth)
	(CERAM - UK)	C ≥ 24°	15x15 Round studs (RC)+Diamond studs (DD)+Riven (RT)+Square studs (SS)
	(HS-KOBLENZ - DE)	C ≥ 24°	10x10 / 15x15 Round studs (RC)+Diamond studs (DD)+Riven (RT)+Square studs (SS)

Indepentent tests available at http://www.topcer.com/independent_tests.php

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