

the **FOUR**shades  
*concept*

By Terratinta Ceramiche®

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We almost always have choices,  
and the better the choice, the  
more we will be in control of our  
lives.

William Glasser

# the **FOUR** shades *concept*

The FOUR SHADES Concept is a project designed starting from four colours of Betontech collection: White, Grey, Clay and Mud. We worked on these four shades and created a unique, fresh and unusual concept, where the porcelain tiles meet glass mosaics and listels, where a re-interpretation of graphic decoration meets the latest ceramic technologies. The FOUR SHADES Concept: a sophisticated and polyhedric project.

*everything  
starts from...*



White



Grey



Clay



Mud



**BETONTECH**



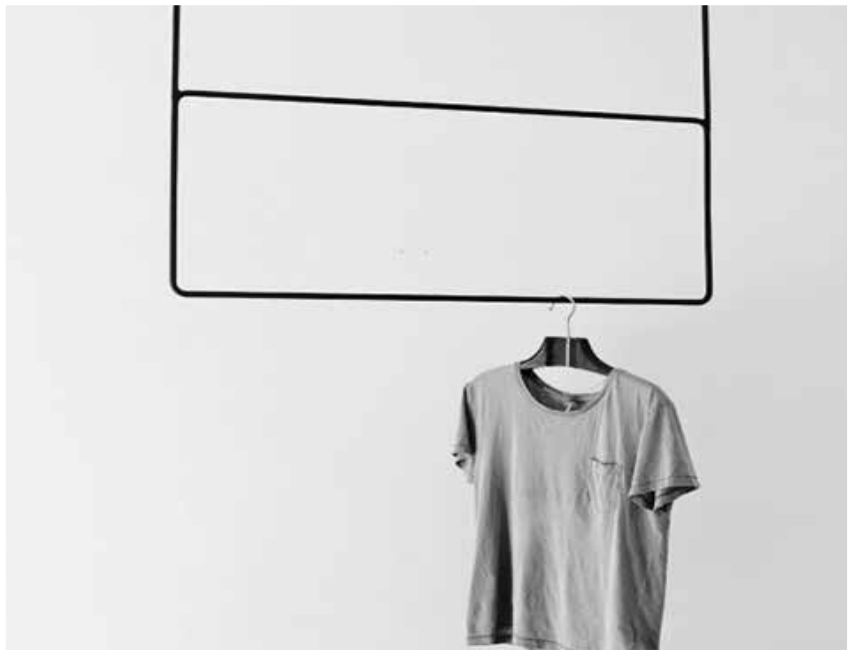
WHITE

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GREY










CLAY

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MUD





White, Grey, Clay and Mud:  
four main shades where  
different styles and products  
are melted, in order to create  
this new, big concept.

BETON  
wood

15

**BETON** epoque

55

**\_vetri5\_**

93

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Betonwood is the first collection who gives to gres porcelain tiles a unique and demanding effect: more than the warmth of natural wood, more than the simple perfection of modern Beton look. Six surprising structures mixed together with a refined personality and an extraordinary effect. Finally, something new.



BETON  
wood

---

A light gray wood grain background with a subtle, horizontal grain pattern. The numbers are positioned on the left side of the panel.

18

A medium gray wood grain background with a slightly more pronounced horizontal grain pattern. The numbers are positioned on the left side of the panel.

26

A dark gray wood grain background with a more pronounced horizontal grain pattern. The numbers are positioned on the left side of the panel.

34

A very dark gray wood grain background with a pronounced horizontal grain pattern. The numbers are positioned on the left side of the panel.

42



white



grey



clay



mud

WHITE





WHITE 22,5x90 - 15x90







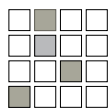
WE'RE GAMBLING ON OUR VISION, AND WE WOULD  
RATHER DO THAT THAN MAKE "ME TOO" PRODUCTS.  
LET SOME OTHER COMPANIES DO THAT.  
FOR US, IT'S ALWAYS THE NEXT DREAM.

*Steve Jobs*

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# 6 different structures mixed together

- 1\_ROUGH
- 2\_RETRO
- 3\_AGED
- 4\_SCRATCHED
- 5\_WAVY
- 6\_DELICATE



V2

Product with slight  
chromatic variation

1

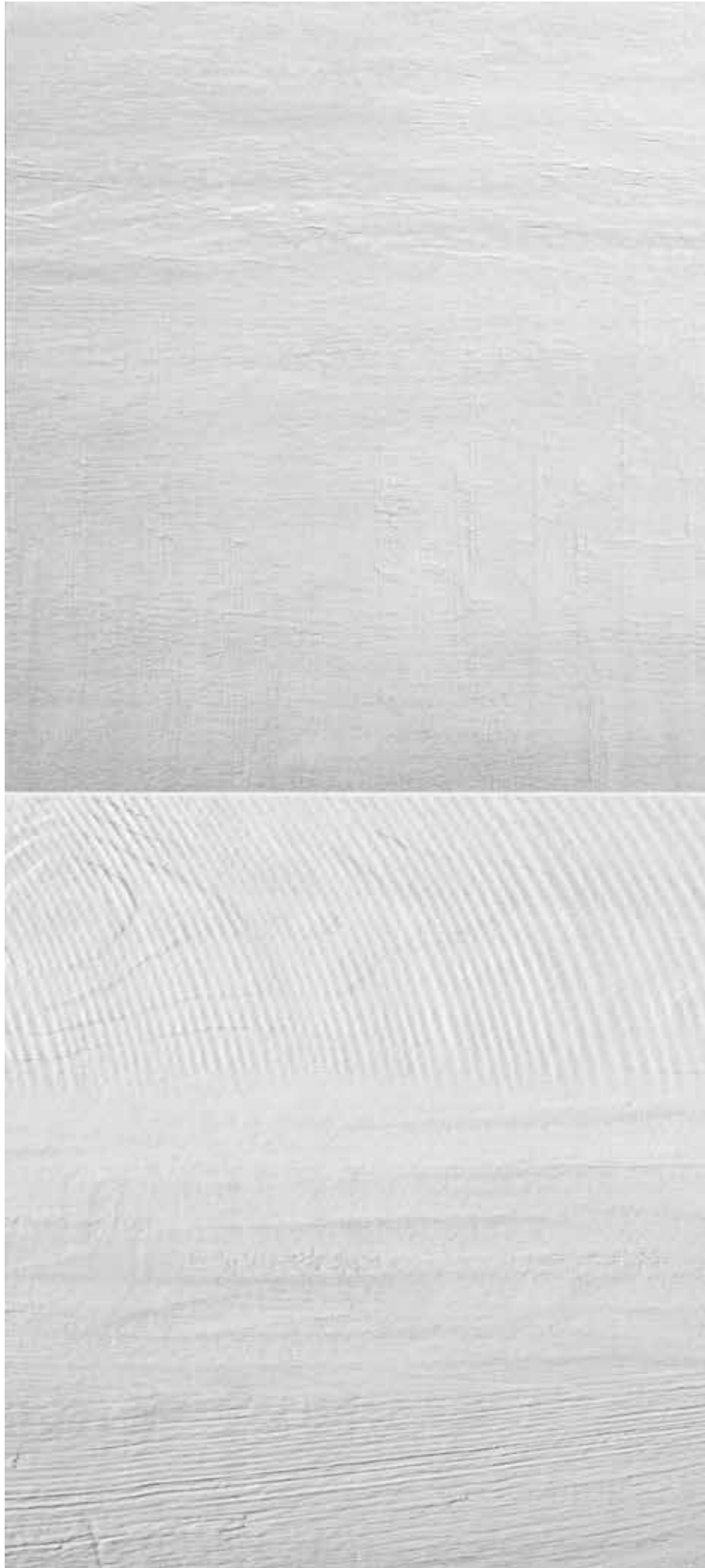
2

3

4

5

6





**GREY**

















1

2

3

4

5

6

## 6 different structures mixed together

1\_ROUGH

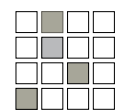
2\_RETRO

3\_AGED

4\_SCRATCHED

5\_WAVY

6\_DELICATE



# V2

Product with slight  
chromatic variation

**CLAY**





CLAY 22,5x90 - 15x90





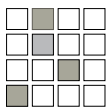
*laugh often.*





# 6 different structures mixed together

- 1\_ROUGH
- 2\_RETRO
- 3\_AGED
- 4\_SCRATCHED
- 5\_WAVY
- 6\_DELICATE



V2

Product with slight  
chromatic variation

1

2

3

4

5

6





**WUD**





MUD 22,5x90 - 15x90







THE HARDER I WORK,  
THE LUCKIER I GET.

SAMUEL GOLDWYN





1

2

3

4

5

6

## 6 different structures mixed together

1\_ROUGH

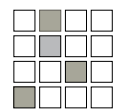
2\_RETRO

3\_AGED

4\_SCRATCHED

5\_WAVY

6\_DELICATE



# V2

Product with slight  
chromatic variation





WHITE



GREY



CLAY



MUD





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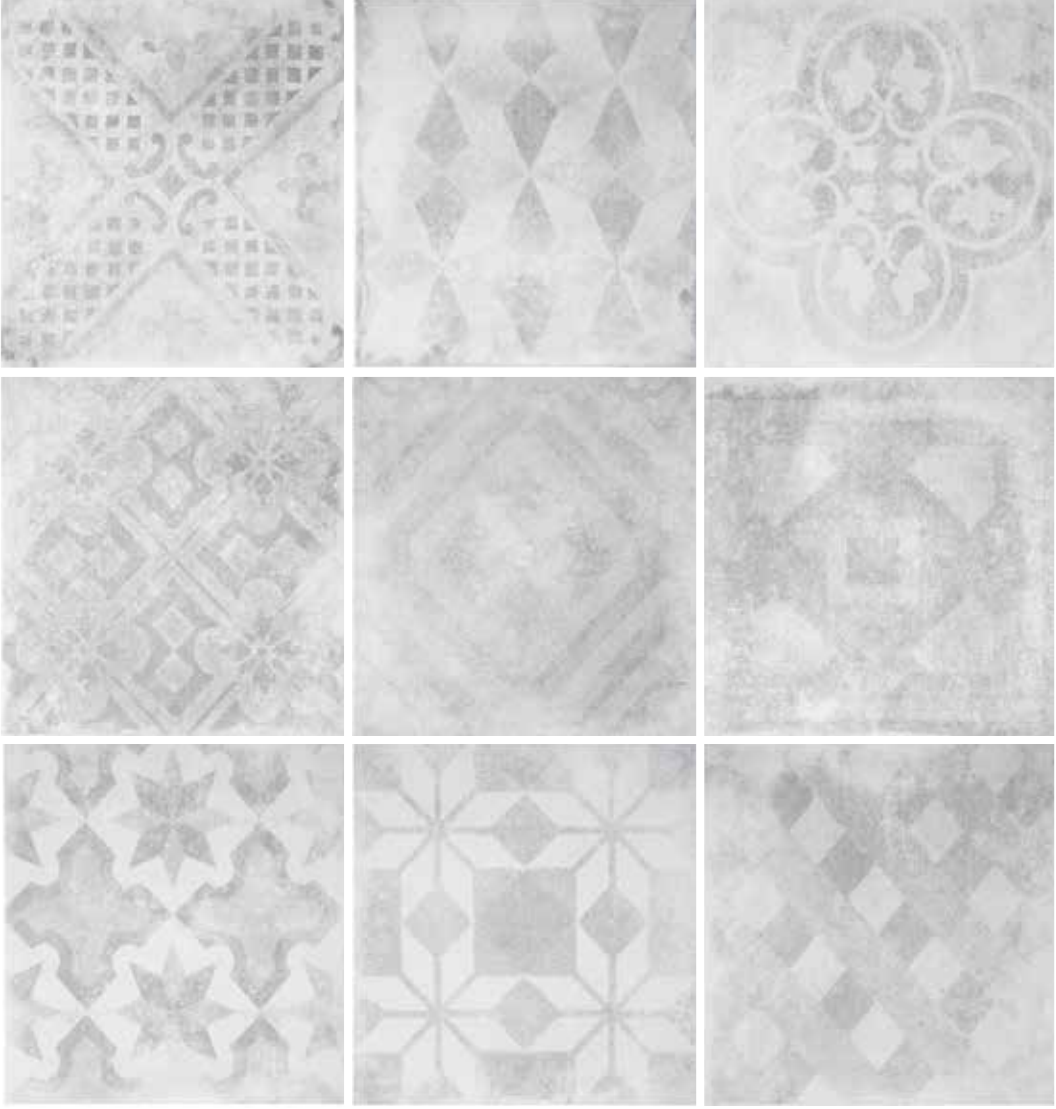
Betonepoque is not just a collection. Starting from four colours from Betontech collection, we designed something with a vintage aura and a modern and versatile soul. Something perfect for both walls and floors.

Betonepoque is a new era.



# BETON *époque*

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# White - Grey



# Clay - Mud

White - Grey





Amelie 01



Claire 02



Inés 04



Louise 05



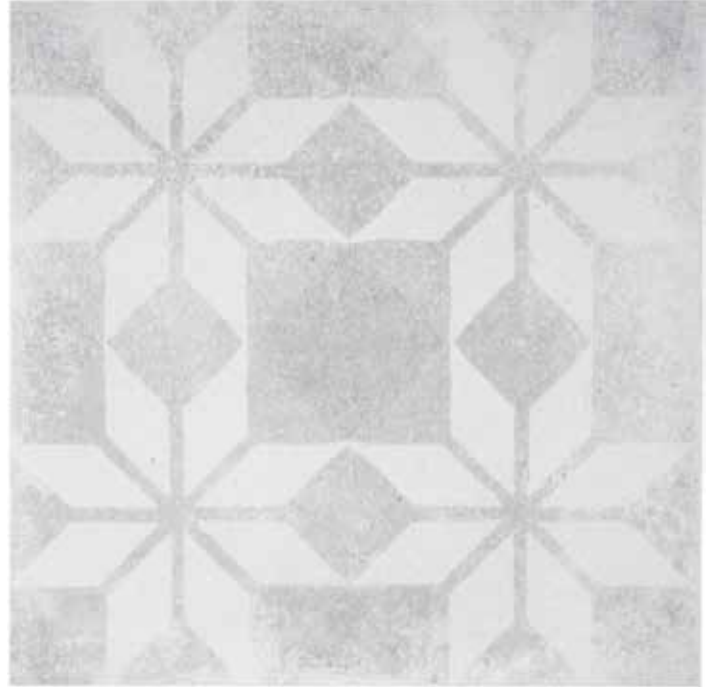
Emma 03



Michelle 06



Olivia 07



Sarah 08





Vivienne 09

"In character,  
in manner,  
in style, in all the things,  
the supreme  
excellence is simplicity"

*Henry Wadsworth Longfellow*

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WHITE-GREY PATTERNS MIX





DO

— *what* —

YOU

— *love* —

Betontech White 20x20

TTBT0120N

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Not just patterns.  
Betonepoque 20x20 tiles come also on plain colour shade. Once again, we love to mix and match the minimalist and the old fashion-refined style. Simplicity and design, for every space, on every time.



WHITE-GREY PATTERNS MIX (wall)

BETONWOOD WHITE and GREY 15x90 (floor)





*Life should not only be lived,  
it should be celebrated.*

*Osho*





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Betontech Grey 20x20  
TTBT0520N

Betonepoque: 9 different patterns on two shades (White-Grey and Clay-Mud) plus 4 plain-colours (White, Grey, Clay and Mud), all on 20x20 size.

Betonepoque. A new era.

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## You can choose:

One -One of the nine different patterns available (possible mix with 20x20 plain White or 20x20 plain Grey).

(Minimum order for single pattern: 1 box. Number of pieces contained in a single box: 12)

Mix -A personal mix: you can choose from two to nine different patterns to include in your "own mix". (20x20 plain White and/or 20x20 plain Grey can also be included in your mix).

(Minimum order for mix: 1 box. Number of pieces contained in a single box: 25)



Amelie 01  
TTBEWG01N



Claire 02  
TTBEWG02N



Emma 03  
TTBEWG03N



Inés 04  
TTBEWG04N



Louise 05  
TTBEWG05N



Michelle 06  
TTBEWG06N



Olivia 07  
TTBEWG07N



Sarah 08  
TTBEWG08N



Vivienne 09  
TTBEWG09N



White  
TTBT0120N



Grey  
TTBT0520N

Clay

-

Mud





Amelie 01



Inés 04



Claire 02



Emma 03



Louise 05



Michelle 06



Olivia 07

OPPORTUNITY IS MISSED BY  
PEOPLE BECAUSE IT IS  
DRESSED IN OVERALLS  
AND LOOKS LIKE WORK.

THOMAS EDISON





Sarah 08



Vivienne 09







always look  
on the  
bright side

Betontech Clay 20x20

TTBT0320N

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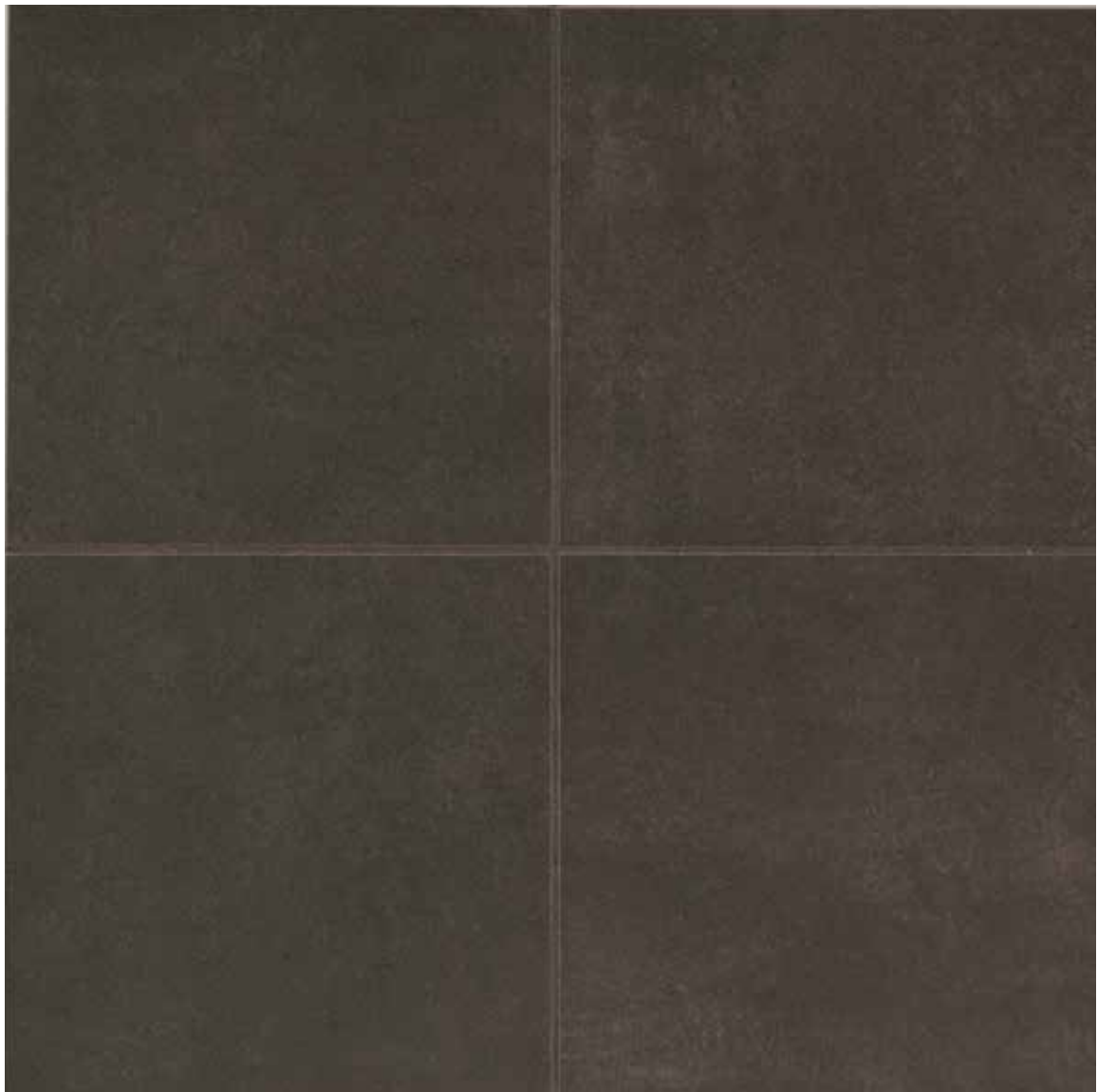
CLAY-MUD PATTERNSw MIX (wall)

BETONWOOD CLAY 22,5x90-15x90 (floor)









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Betontech Mud 20x20  
TTBT0420N

Betonepoque: 9 different patterns on two shades (White-Grey and Clay-Mud) plus 4 plain-colours (White, Grey, Clay and Mud), all on 20x20 size.

Betonepoque. A new era.

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## You can choose:

One -One of the nine different patterns available (possible mix with 20x20 plain Clay or 20x20 plain Mud).

(Minimum order for single pattern: 1 box. Number of pieces contained in a single box: 12)

Mix -A personal mix: you can choose from two to nine different patterns to include in your "own mix". (20x20 plain Clay and/or 20x20 plain Mud can also be included in your mix).

(Minimum order for mix: 1 box. Number of pieces contained in a single box: 25)

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Amelie 01  
TTBECM01N



Claire 02  
TTBECM02N



Emma 03  
TTBECM03N



Inés 04  
TTBECM04N



Louise 05  
TTBECM05N



Michelle 06  
TTBECM06N



Olivia 07  
TTBECM07N



Sarah 08  
TTBECM08N



Vivienne 09  
TTBECM09N



Clay  
TTBT0320N



Mud  
TTBT0420N





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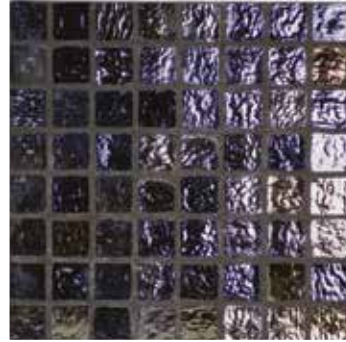
Vetri5 is the glass soul of this 4SHADES Concept. We have glass mosaics and glass listels in the four main shades of this project, plus the evergreen black colour, that perfectly matches with the white shade.

Shine on!

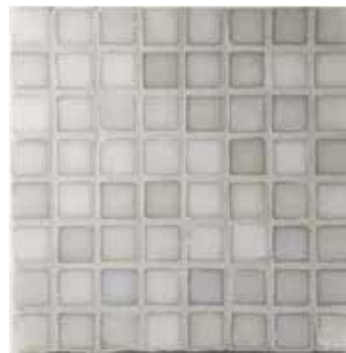
**\_vetri5\_**

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*white*  
+ 96  
*black*



*grey*  
104





*clay*  
108



*mud*  
114



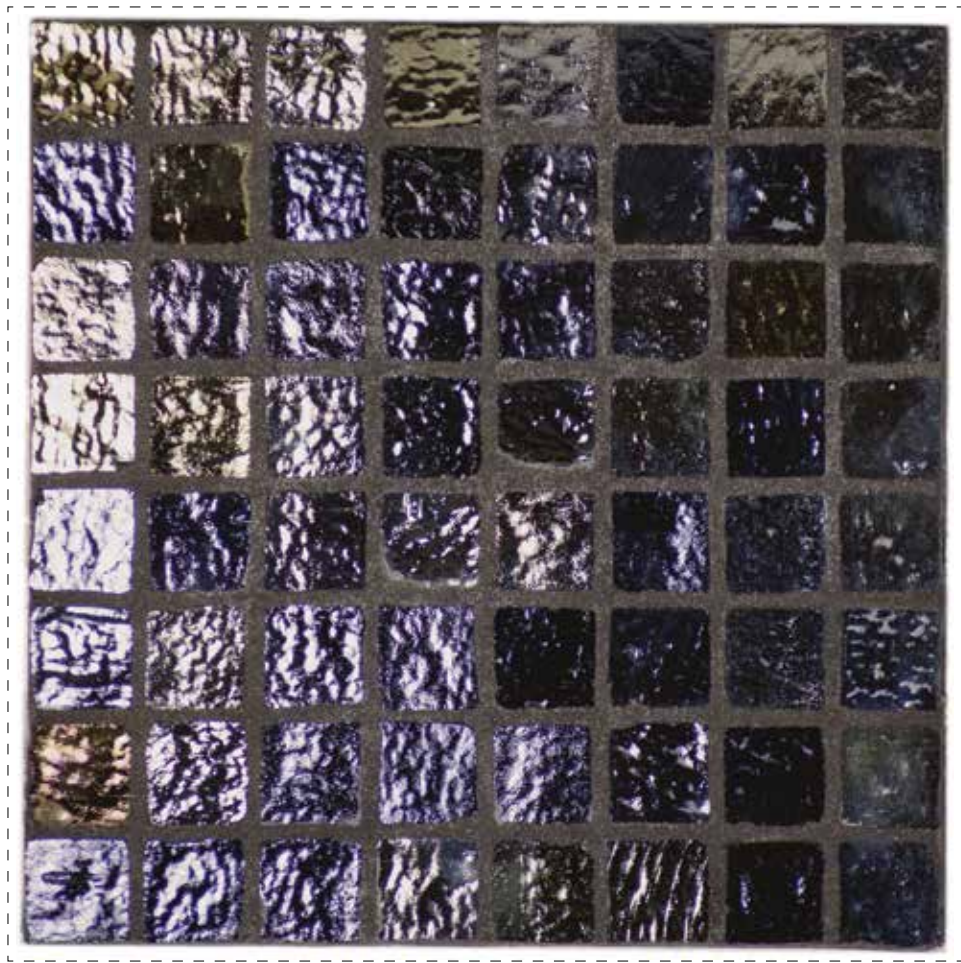
white

+

black



*One.Five.Plus* BWMN405



*One.Five Plus* BWMN400

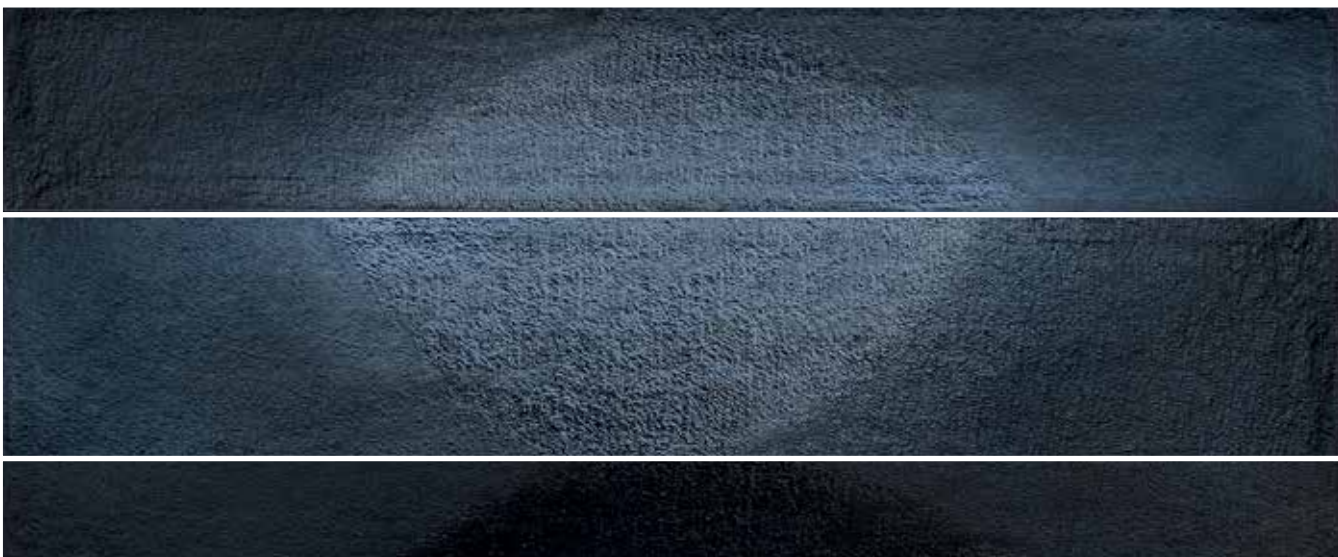
"YOU CAN'T USE  
UP CREATIVITY.  
THE MORE YOU  
USE, THE MORE  
YOU HAVE."

MAYA ANGELOU.



*Vetris* WHITE

LISTELS 3,25X24,5 - 4,5X24,5 - 2X24,5



*Vetris* BLACK

LISTELS 3,25X24,5 - 4,5X24,5 - 2X24,5





VETRI5 WHITE, Module 6 (wall)

BETONEPOQUE WHITE-GREY Amelie 01-Emma 03-Vivienne 09 with

BETONTECH WHITE 60x60 (floor)





agency



*One.Five.Plus* BBMN404

You can take my factories,  
burn my buildings,  
but give me my people,  
and I will build again  
the same companies.

*Henry Ford*



*Vetri 5* GREY

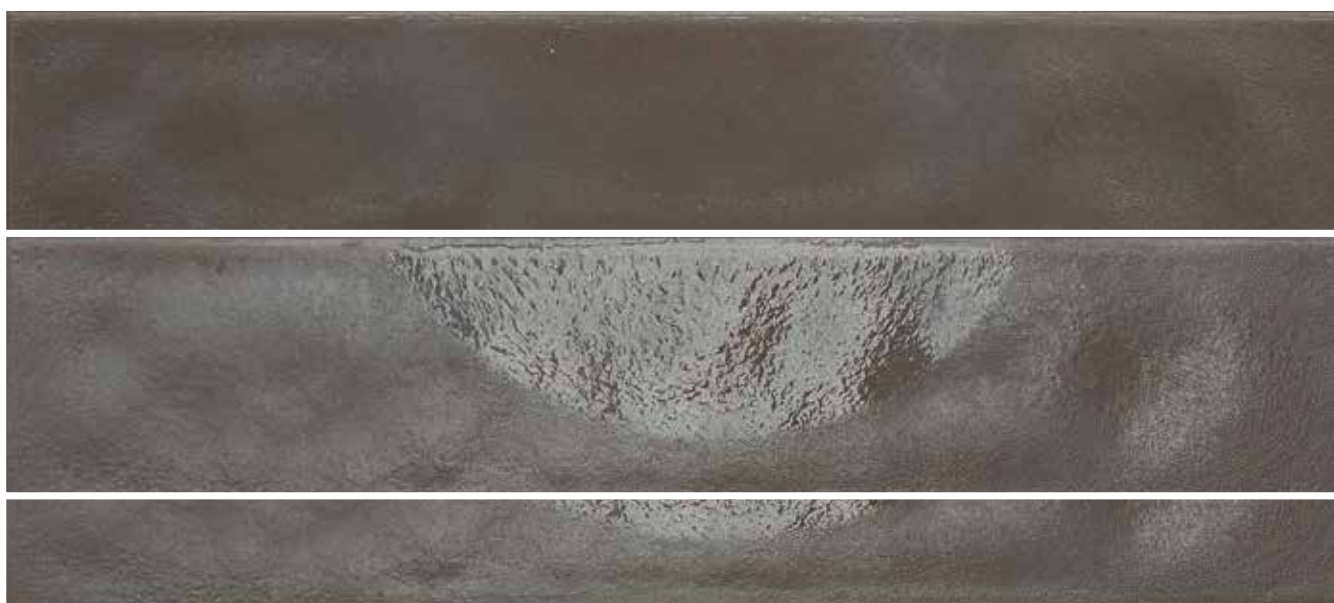
LISTELS 3,25X24,5 - 4,5X24,5 - 2X24,5



clay



*One.Five.Plus* BBMN407



*Vetris* CLAY

LISTELS 3,25X24,5 - 4,5X24,5 - 2X24,5







VETRI5 GREY, Module 1 / One.Five Plus BBM404 (wall)  
BETONTECH GREY 60x60 (floor)



*mud*



*One.Five Plus*    BBMN408

INSPIRATION  
EXISTS, BUT  
IT HAS TO FIND  
US WORKING.

PABLO PICASSO

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*Vetris* MUD

LISTELS 3,25X24,5 - 4,5X24,5 - 2X24,5







# LAYING SCHEMES AND PREFERENCES

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MODULE 1: Listel 4,5x24,5 straight laying

	1
	2
	3
	4
	5

## Notes

1 sheet is 25x25cm and contains 5 listels

16 sheets = 1 sqmt = 80 listels

The vertical joint is 5 mm

The horizontal joint is 5 mm

CHOOSE THE COLOURS YOU WANT IN THE MODULE AMONG THE FIVE AVAILABLE:

*Vetris White, Vetris Black, Vetris Grey, Vetris Clay, Vetris Mud*

1 .....

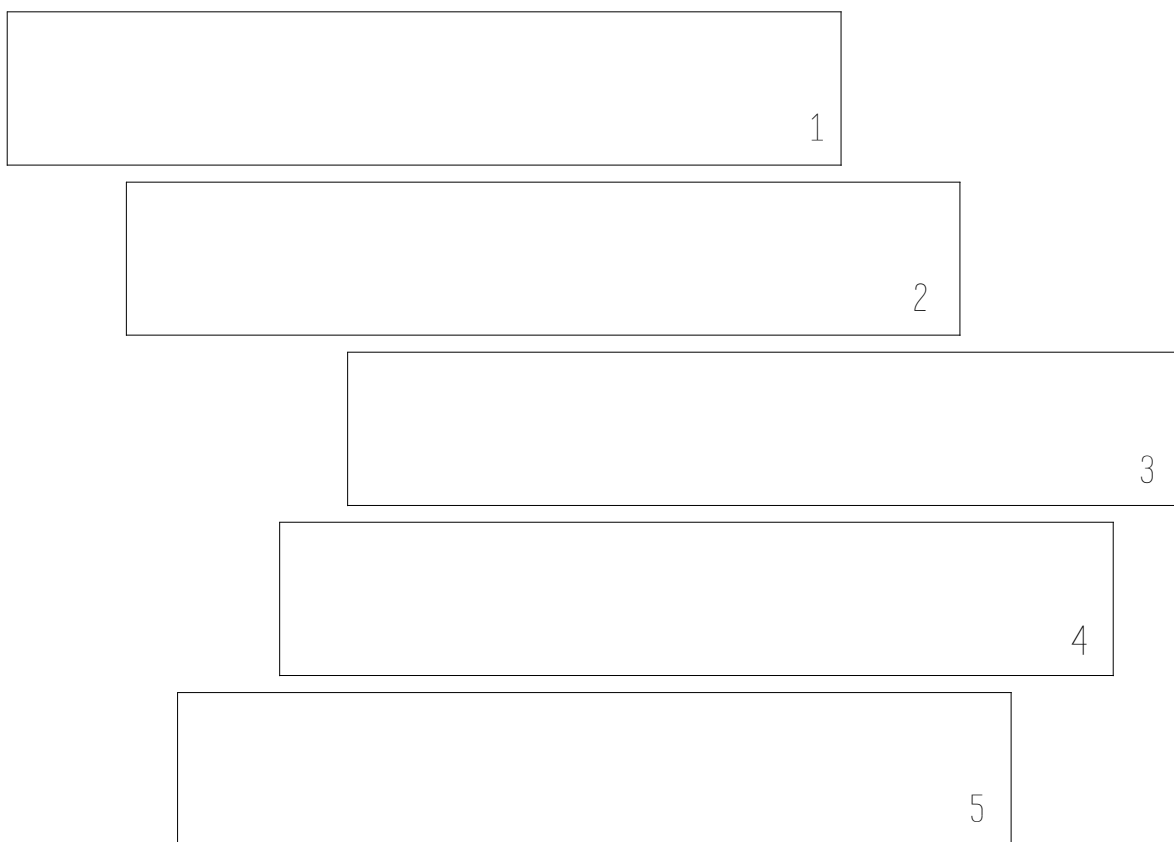
2 .....

3 .....

4 .....

5 .....

MODULE 2: Listel 4,5x24,5 brickbond laying



Notes

1 sheet is 25x25cm and contains 5 listels

16 sheets = 1 sqmt = 80 listels

The vertical joint is 5 mm

The horizontal joint is 5 mm

The sheet size (and not the area) is 25x35cm

CHOOSE THE COLOURS YOU WANT IN THE MODULE AMONG THE FIVE AVAILABLE:

*Vetris White, Vetris Black, Vetris Grey, Vetris Clay, Vetris Mud*

- 1 .....
- 2 .....
- 3 .....
- 4 .....
- 5 .....

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MODULE 3: Listel 3,25x24,5 straight laying

	1
	2
	3
	4
	5
	6
	7

Notes

1 sheet is 25x25cm and contains 7 listels

16 sheets = 1 sqmt = 112 listels

The vertical joint is 5 mm

The horizontal joint is 3,21 mm

CHOOSE THE COLOURS YOU WANT IN THE MODULE AMONG THE FIVE AVAILABLE:

*Vetris White, Vetris Black, Vetris Grey, Vetris Clay, Vetris Mud*

1 .....

2 .....

3 .....

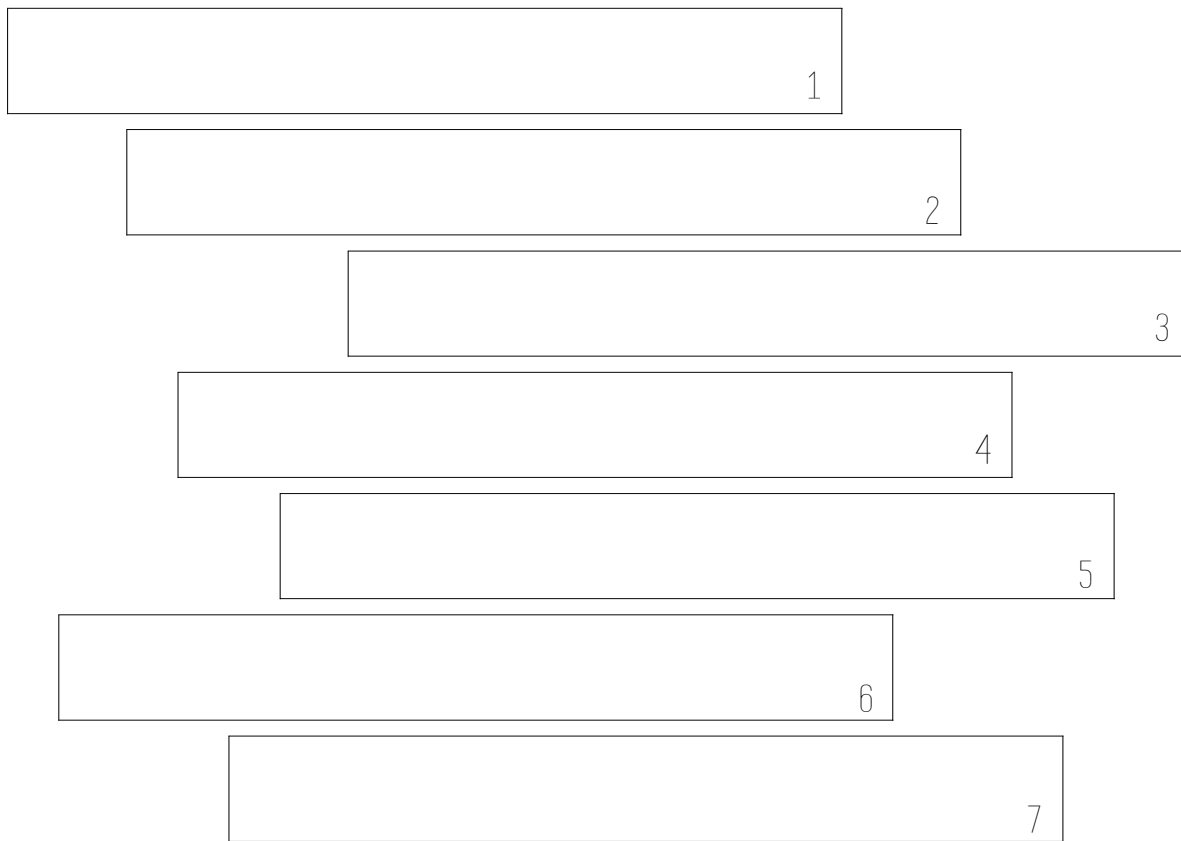
4 .....

5 .....

6 .....

7 .....

MODULE 4: Listel 3,25x24,5 brickbond laying



Notes

1 sheet is 26,25x25cm and contains 7 listels

15,1 sheets = 1 sqmt = 106 listels

The vertical joint is 5mm

The horizontal joint is 5mm

The sheet size (and not the area) is 26,25x35cm

CHOOSE THE COLOURS YOU WANT IN THE MODULE AMONG THE FIVE AVAILABLE:

*Vetris White, Vetris Black, Vetris Grey, Vetris Clay, Vetris Mud*

- 1 .....
- 2 .....
- 3 .....
- 4 .....
- 5 .....
- 6 .....
- 7 .....

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MODULE 5: Listel 2x24,5 straight laying

	1
	2
	3
	4
	5
	6
	7
	8
	9
	10
	11

Notes

1 sheet is 25x25cm and contains 11 listels

16 sheets = 1 sqmt = 176 listels

The vertical joint is 5mm

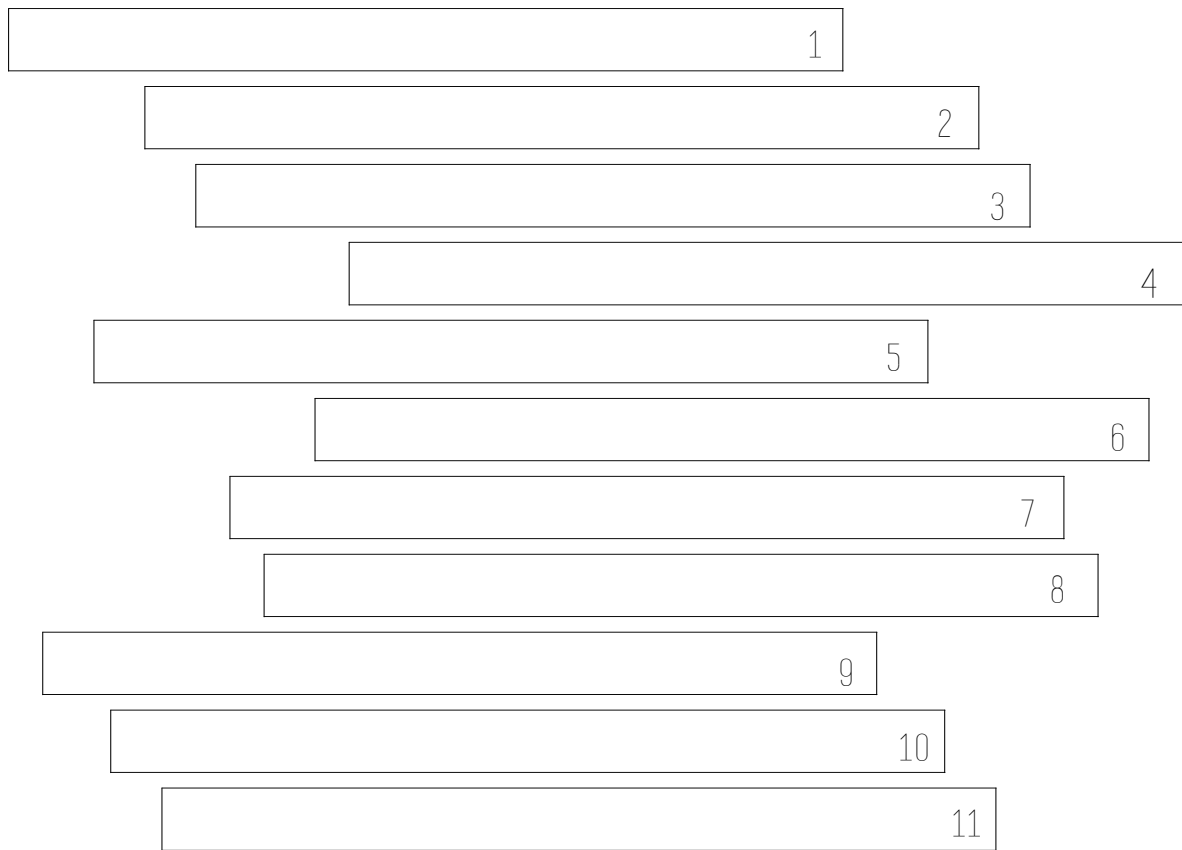
The horizontal joint is 2,73mm

CHOOSE THE COLOURS YOU WANT IN THE MODULE AMONG THE FIVE AVAILABLE:

*Vetris White, Vetris Black, Vetris Grey, Vetris Clay, Vetris Mud*

1 .....	7 .....
2 .....	8 .....
3 .....	9 .....
4 .....	10 .....
5 .....	11 .....
6 .....	

MODULE 6: Listel 2x24,5 brickbond laying



Notes

1 sheet is 27,5x25cm and contains 11 listels  
14,55 sheets = 1 sqmt = 161 listels

The vertical joint is 5mm  
The horizontal joint is 5mm  
The sheet size (and not the area) is 27,5x35cm

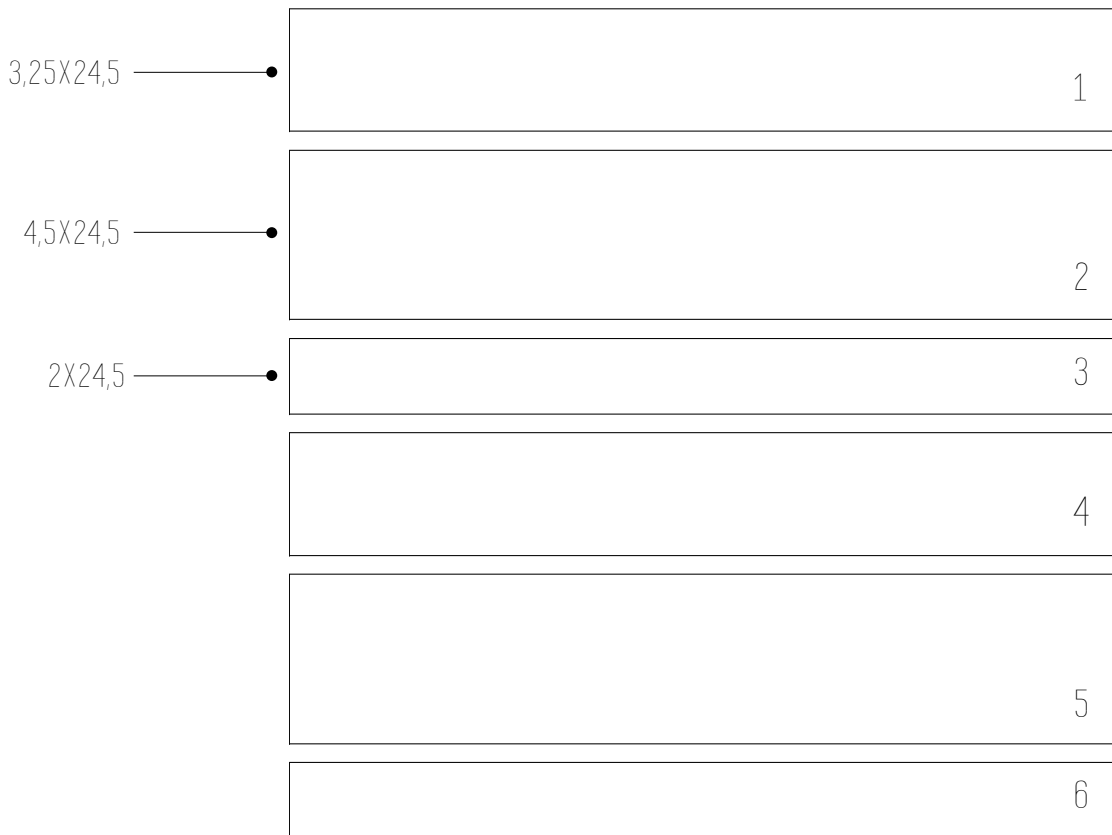
CHOOSE THE COLOURS YOU WANT IN THE MODULE AMONG THE FIVE AVAILABLE:

*Vetris White, Vetris Black, Vetris Grey, Vetris Clay, Vetris Mud*

- 1 .....
- 2 .....
- 3 .....
- 4 .....
- 5 .....
- 6 .....

- 7 .....
- 8 .....
- 9 .....
- 10 .....
- 11 .....

MODULE 7: Listels 2/3,25/4,5x24,5 mixed straight laying



Notes

1 sheet is 21,5x25cm and contains 6 listels: 2 of 4,5cm, 2 of 3,25cm , 2 of 2cm  
18,6 sheets = 1 sqmt = 111 listels (37 of 4,5cm , 37 of 3,25cm , 37 of 2cm)

The vertical joint is 5mm  
The horizontal joint is 5mm

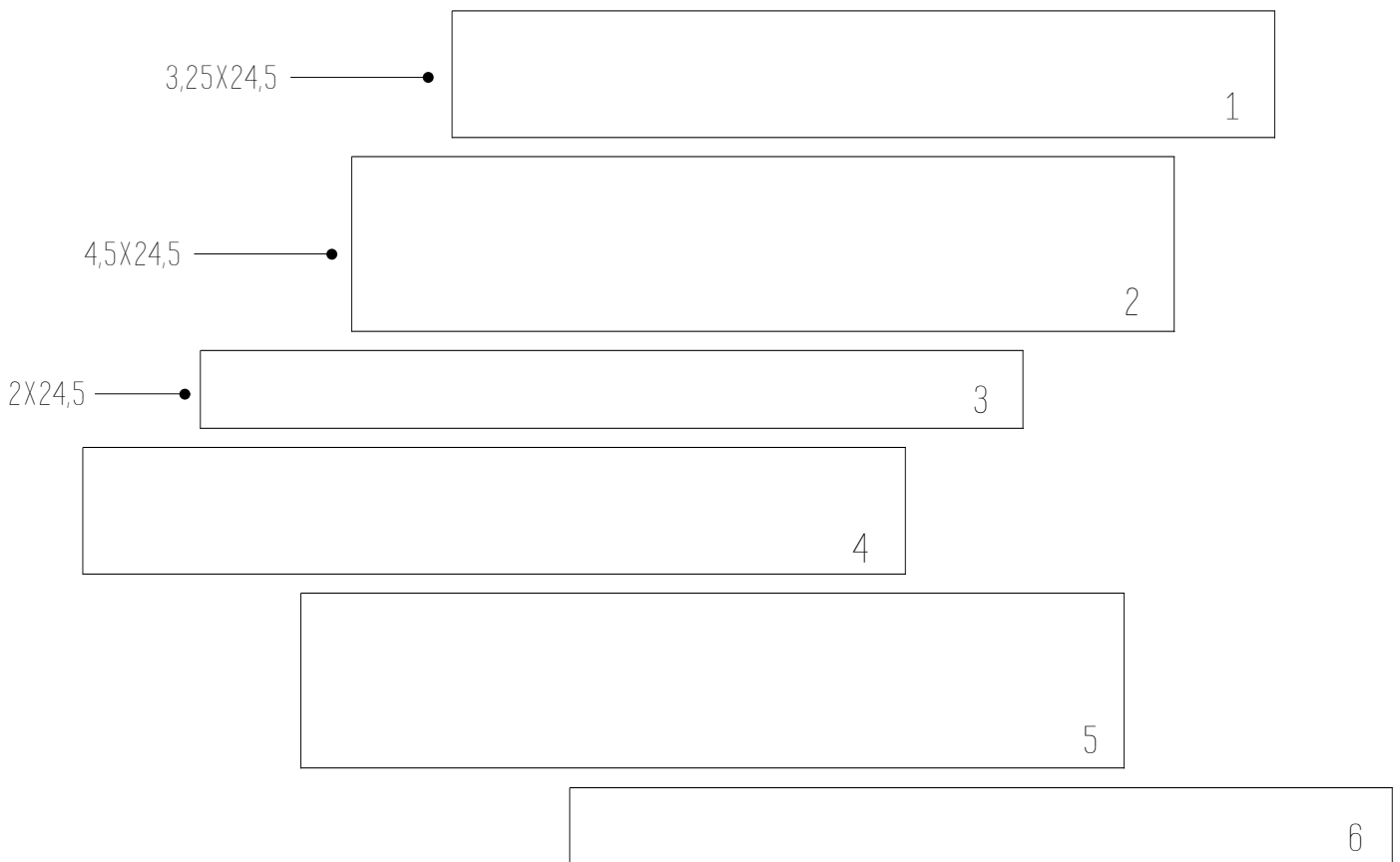
CHOOSE THE COLOURS YOU WANT IN THE MODULE AMONG THE FIVE AVAILABLE:

*Vetris White, Vetris Black, Vetris Grey, Vetris Clay, Vetris Mud*

- 1 .....
- 2 .....
- 3 .....
- 4 .....
- 5 .....
- 6 .....



MODULE 8: Listels 2/3,25/4,5x24,5 mixed brickbond laying



Notes

1 sheet is 21,5x25cm and contains 6 listels: 2 of 4,5cm, 2 of 3,25cm , 2 of 2cm

18,6 sheets = 1 sqmt = 111 listels (37 of 4,5cm , 37 of 3,25cm , 37 of 2cm)

The vertical joint is 5mm

The horizontal joint is 5mm

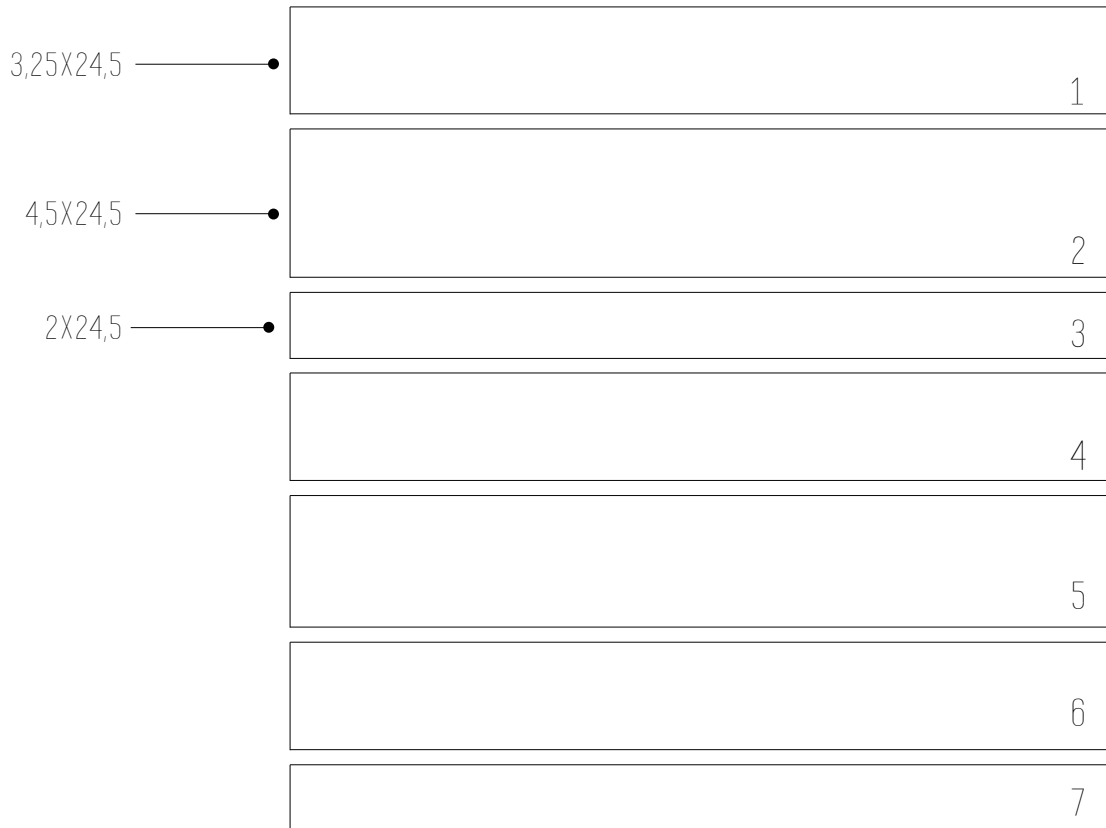
The sheet size (and not the area) is 21,5x39,5cm

CHOOSE THE COLOURS YOU WANT IN THE MODULE AMONG THE FIVE AVAILABLE:

*Vetris White, Vetris Black, Vetris Grey, Vetris Clay, Vetris Mud*

- 1 .....
- 2 .....
- 3 .....
- 4 .....
- 5 .....
- 6 .....

MODULE 9: Listels 2/3,25/4,5x24,5 mixed straight laying, version 2



Notes

1 sheet is 25x25cm and contains 7 listels: 2 of 4,5cm, 3 of 3,25cm, 2 of 2cm

16 fogli = 1 sqmt = 112 listels (32 of 4,5cm, 48 of 3,25 cm, 32 of 2cm)

The vertical joint is 5mm

The horizontal joint is 4,64mm

*Choose the colours you want*

- 1 .....
- 2 .....
- 3 .....
- 4 .....
- 5 .....
- 6 .....
- 7 .....

# FACSIMILE ORDER FORM

Client Name -----

Date Of Order -----

Email Address -----

## MODULES:



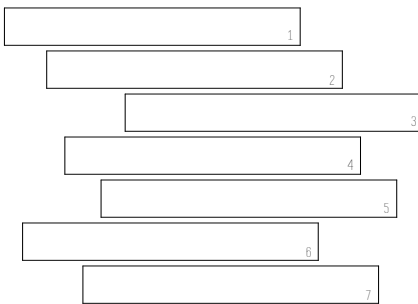
Module 1



Module 2



Module 3



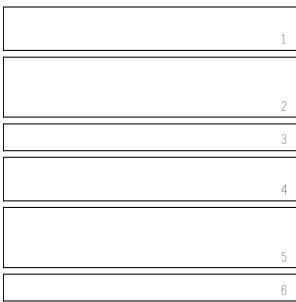
Module 4



Module 5



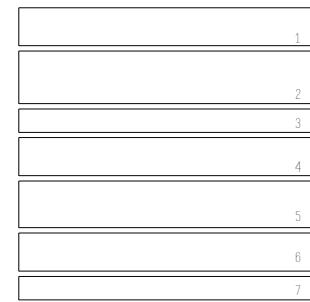
Module 6



Module 7



Module 8



Module 9

## COLOURS YOU WANT:

1 .....

2 .....

3 .....

4 .....

5 .....

6 .....

7 .....

8 .....

9 .....

10 .....

11 .....

ON NET

ON PAPER

QUANTITY: .....(PIECES)



# AVAILABLE SIZES, CODES AND PACKAGING

# BETON wood

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GREY



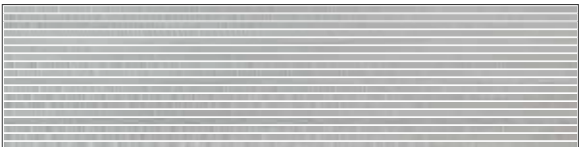
45X90



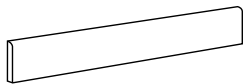
22,5X90



15X90



MOSAIC 22,5X90



SKIRTING 7,5X90



STEP TREAD 34X90





STEP CORNER 34X90

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FULL RANGE AVAILABLE IN ALL COLOURS

CODES	WHITE	GREY	CLAY	MUD
<b>45x90</b>	TTBW0145N	TTBW0545N	TTBW0345N	TTBW0445N
<b>22, 5x90</b>	TTBW0122N	TTBW0522N	TTBW0322N	TTBW0422N
<b>15x90</b>	TTBW0115N	TTBW0515N	TTBW0315N	TTBW0415N
<b>Mosaic 22, 5x90</b>	TTBW01M29N	TTBW05M29N	TTBW03M29N	TTBW04M29N
<b>Skirting 7, 5x90</b>	TTBW01BN	TTBW05BN	TTBW03BN	TTBW04BN
<b>Step Tread 34x90</b>	TTBW01GT	TTBW05GT	TTBW03GT	TTBW04GT
<b>Step Corner 34x90</b>	TTBW01GCR(right) TTBW01GCL(left)	TTBW05GCR(right) TTBW05GCL(left)	TTBW03GCR(right) TTBW03GCL(left)	TTBW04GCR(right) TTBW04GCL(left)

PACKAGING						
	PIECES	SQMT	KG	BOXES	SQMT	KG
<b>45x90</b>	3	1, 215	26, 50	32	38, 88	848
<b>22, 5x90</b>	4	0, 81	17, 90	48	38, 88	859
<b>15x90</b>	6	0, 81	17, 50	54	43, 74	945
<b>Mosaic 22, 5x90</b>	6	1, 215	27, 5	16	19, 44	440
<b>Skirting 7, 5x90</b>	6	5, 4m1	8, 70			
<b>Step Tread 34x90</b>	2		7, 7			
<b>Step Corner 34x90</b>	2		8, 1			

# BETONepoque

## 20X20 PATTERNS

### WHITE-GREY



### CLAY-MUD



## BETONTECH 20X20



WHITE



GREY



CLAY





MUD



SKIRTING 7X60



CODES	WHITE - GREY	CLAY - MUD	WHITE	GREY	CLAY	MUD
<b>Amelie 01</b>	TTBEWG01N	TTBECM01N				
<b>Claire 02</b>	TTBEWG02N	TTBECM02N				
<b>Emma 03</b>	TTBEWG03N	TTBECM03N				
<b>Inés 04</b>	TTBEWG04N	TTBECM04N				
<b>Louise 05</b>	TTBEWG05N	TTBECM05N				
<b>Michelle 06</b>	TTBEWG06N	TTBECM06N				
<b>Olivia 07</b>	TTBEWG07N	TTBECM07N				
<b>Sarah 08</b>	TTBEWG08N	TTBECM08N				
<b>Vivienne 09</b>	TTBEWG09N	TTBECM09N				
<b>Betontech 20x20</b>			TTBT0120N	TTBT0520N	TTBT0320N	TTBT0420N
<b>Skirting 7x60</b>			TTBT01B7N	TTBT05B7N	TTBT03B7N	TTBT04B7N

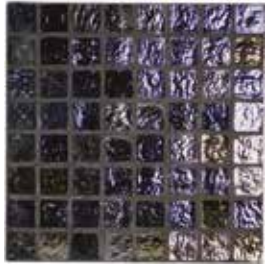
PACKAGING						
	PIECES	SQMT	KG	BOXES	SQMT	KG
<b>20x20 One pattern</b> (to be chosen)	12	0,48	11,28	87	41,76	981
<b>20x20 Personal Mix</b> (from 2 to 9 different patterns)	25	1	23,40	54	54	1.265
<b>Betontech 20x20</b> (White/Grey/ Clay/ Mud)	25	1	23,40	54	54	1.265
<b>Skirting 7x60</b>	14	8,4ml	14,7			

# \_vetri5\_

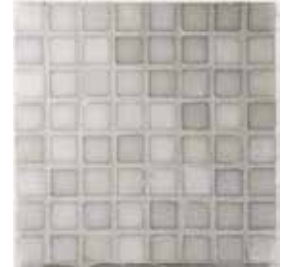
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*One.Five Plus* BWMN405



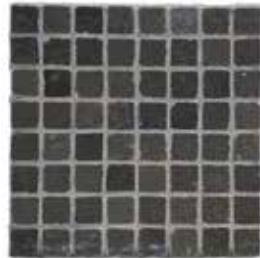
*One.Five Plus* BWMN400



*One.Five Plus* BBMN404



*One.Five Plus* BBMN407



*One.Five Plus* BBMN408



*Vetri 5* WHITE



*Vetri 5* BLACK



*Vetri 5* GREY





*Vetri 5* CLAY



*Vetri 5* MUD

CODES	WHITE	BLACK	GREY	CLAY	MUD
<b>Vetri 5</b>	Vetri5White	Vetri5Black	Vetri5Grey	Vetri5Clay	Vetri5Mud
<b>One.Five Plus</b>	BWMN405	BWMN400	BBMN404	BBMN407	BBMN408

PACKAGING ONE.FIVE PLUS	THICKNESS	SHEET SIZE	CHIP SIZE				
				PIECES	SQMT	KG	BOXES
<b>One.Five Plus</b>	6	310x310mm	16x16mm	12	1,21	12,4	81

PACKAGING VETRI5	NUMBER AND SIZE OF EACH LISTEL CONTAINED	NUMBER OF LISTELS FOR ONE SQMT	WEIGHT OF EACH LISTEL
<b>Module 1 (25x25cm)</b>	5 listels 4,5x24,5	80	0,18
<b>Module 2 (25x25cm)</b>	5 listels 4,5x24,5	80	0,18
<b>Module 3 (25x25cm)</b>	7 listels 3,25x24,5	112	0,12
<b>Module 4 (26,25x25cm)</b>	7 listels 3,25x24,5	106	0,12
<b>Module 5 (25x25cm)</b>	11 listels 2x24,5	176	0,075
<b>Module 6 (27,5x25cm)</b>	11 listels 2x24,5	161	0,075
<b>Module 7 (21,5x25cm)</b>	6 listels: 2 listels 2x24,5 2 listels 3,25x24,5 2 listels 4,5x24,5	111 (37 of each size)	0,075 (2x24,5 listel) 0,12 (3,25x24,5 listel) 0,18 (4,5x24,5 listel)
<b>Module 8 (21,5x25cm)</b>	6 listels: 2 listels 2x24,5 2 listels 3,25x24,5 2 listels 4,5x24,5	111 (37 of each size)	0,075 (2x24,5 listel) 0,12 (3,25x24,5 listel) 0,18 (4,5x24,5 listel)
<b>Module 9 (25x25cm)</b>	7 listels: 2 listels 2x24,5 3 listels 3,25x24,5 2 listels 4,5x24,5	112 (32 of 2x24,5/ 48 of 3,25x24,5/ 32 of 4,5x24,5)	0,075 (2x24,5 listel) 0,12 (3,25x24,5 listel) 0,18 (4,5x24,5 listel)









# TECHNICAL FEATURES

FULL BODY PORCELAIN STONEWARE  
FLOOR AND WALL\_HEAVY COMMERCIAL\_IN & OUT

	TECHNICAL FEATURES	TEST ACCORDING TO STANDARD	STANDARD REQUIREMENTS	TEST RESULTS
	Water absorption Assorbimento d'acqua Wasserhaufnahme Absorption d'eau	UNI EN ISO 10545/3	$E_b \leq 0,5\%$	Average/Medio/Mittelwert/ Moyenne $E_b \leq 0,1\%$
	Sizes Dimensioni Abmessungen Dimensions	UNI EN ISO 10545/2	$N \geq 15$ cm Length and width-Lunghezza e larghezza-Länge und Breite-Longueur et largeur Thickness-Spessore-Stärke-Epaisseur $\pm 0.6\%$ 2.0 mm $\pm 5.0\%$ 0.5 mm Linearity-Rettilinearità spigoli-Kantengeradheit-Rectitude des arêtes $\pm 0.5\%$ 1.5 mm Wedging-Ortogonalità-Rechtwinkligkeit-Orthogonalité $\pm 0.5\%$ 2.0 mm Flatness-Planarità-Ebenflächigkeit-Planéité $\pm 0.5\%$ 2.0 mm	Conforming Conforme Erfüllt Conforme
	Surface Resistance Resistenza A Flessione Biegungsfestigkeit Résistance A La Flexion	UNI EN ISO 10545/4	Medium value 35 N/mm <sup>2</sup> min.	Conforming Conforme Erfüllt Conforme
	Breakage Resistance Storzo Di Rottura Bruchlast Resistance A La Rupture		$sp. \geq 7,5$ mm: min 1300 N $sp. < 7,5$ mm: min 700 N	Conforming Conforme Erfüllt Conforme
	Scratch resistance Resistenza all'abrasione profonda Bestimmung des Widerstandes gegen tiefen Verschleib Résistance l'abrasion	UNI EN ISO 10545/6	175mm <sup>3</sup> max.	Average/Medio/Mittelwert/ Moyenne <150mm <sup>3</sup>
	Coefficient Of Linear Thermal-Expansion Coefficiente Di Dilatazione Termica Lineare Lineare Wärmeausdehnung Coefficient Linéaire De Dilatation Thermique	UNI EN ISO 10545/8	Testing method available Metodica di prova disponibile Prüfverfahren greifbar Norme d'essais	6,2 MK <sup>-1</sup>
	Thermal shock resistance Resistenza agli sbalzi termici Temperaturwechselbeständigkeit Résistance aux écarts de température	UNI EN ISO 10545/9	Testing method available Metodica di prova disponibile Prüfverfahren greifbar Norme d'essais	Resistant Resistente Widerstandsfähig Résistants











CONFORMING TO STANDARDS\_CONFORME A NORME\_GEMASS DEN NORMEN  
CONFORMES AUX NORMES\_EN14411 ISO 13006 APPENDICE G GRUPPO BLA UGL

	TECHNICAL FEATURES	TEST ACCORDING TO STANDARD	STANDARD REQUIREMENTS	TEST RESULTS
	Frost resistance Resistenza al gelo Frostwiderstandsfähigkeit Résistance au gel	UNI EN ISO 10545/12	Required Richiesta Gefordert Requise	Resistant Resistente Widerstandsfähig Résistants
	Chemical resistance Resistenza ai prodotti chimici Chemikalienfestigkeit Résistance aux produits chimiques	UNI EN ISO 10545/13	Test method available Metodo di prova disponibile Verfügbare prüfmethode Methode d'essai disponible	Resistant Resistente Widerstandsfähig Résistants
	Stain resistance of unglazed matt porcelain Resistenza alle macchie di piastrelle non smaltate naturali Fleckenbeständigkeit von unglasierten natur Fliesen Résistance aux taches des carreaux non émaillés naturel	UNI EN ISO 10545/14	Test method available Metodo di prova disponibile Verfügbare prüfmethode Methode d'essai disponible	Resistant Resistente Widerstandsfähig Résistants
	Brilliance Brillantezza Glanz Brillant			More or equal to that of marble and granite. Maggiore o uguale a quella dei marmi e graniti. Mindestens so dauerhaft wie der von Marmor und Granit. Supérieur ou égal à celui des marbres et des granits.
	Colours stability to light Stabilità dei colori alla luce Stabilité des couleurs a la lumiere Lichtechtheit der farben	DIN 51094	No noticeable color change. Non devono presentare apprezzabili variazioni di colore. Die Muster dürfen keine sichtbaren Farbveränderungen aufweisen. Ne doivent pas présenter de variations importantes des couleurs.	No alteration after testing Materiale inalterato dopo il test Keine Veränderung nach dem Test Aucune altération relevee
	Slip resistance Resistenza allo scivolamento Rutschfestigkeit Résistance à la glissance	DIN 51130 DIN 51097 D.M. 236/89 B.C.R. ASTM c1028	If needed Dove richiesto Nach anforderung Si demande	Matt finish: R10 Matt finish: A+B Test available Prova disponibile Verfügbare Prüfungen Essai disponible


 V2  
 SLIGHT VARIATION  
 LIEVE VARIAZIONE






# BETONepoque

## FINE PORCELAIN STONEWARE

	TECHNICAL FEATURES	TEST ACCORDING TO STANDARD	STANDARD REQUIREMENTS	TEST RESULTS
	Water absorption Assorbimento d'acqua Wasserhaufnahme Absorption d'eau	UNI EN ISO 10545/3	$E \leq 0,5\%$	$E \leq 0,05\%$
	Sizes Dimensioni Abmessungen Dimensions	UNI EN ISO 10545/2	Prospect G.1 Prospetto G.1 Prospekt G.1 Feuille G.1	Compliant Conforme Erfüllt Conforme
	Flexural resistance Resistenza alla flessione Biegezugfestigkeit Résistance la flexion	UNI EN ISO 10545/4	$Min \geq 35 \text{ N/mm}^2$	$R > 50 \text{ N/mm}^2$
	Modulus of rupture Sforzo di rottura Bruchlast Charge de rupture		Thickness - Spessore - Stärke - Epaisseur $< 7,5 \text{ mm}$ $S \geq 700 \text{ N}$ Thickness - Spessore - Stärke - Epaisseur $\geq 7,5 \text{ mm}$ $S \geq 1300 \text{ N}$	
	Resistance to surface abrasion Resistenza all'abrasione superficiale Beständigkeit gegen oberflächenverschleiss Résistance l'abrasion superficielle	UNI EN ISO 10545/7	Classi 0-5	4
	Thermal shock resistance Resistenza agli sbalzi termici Temperaturwechselbeständigkeit Résistance aux écarts de température	UNI EN ISO 10545/9	Available method Metodo disponibile Verfügbares Verfahren Méthode disponible	Resistant Resiste Bestanfig Résistant
	Frost resistance Resistenza al gelo Frostwiderstandsfähigkeit Résistance au gel	UNI EN ISO 10545/12	Upon request Richiesta Notwendig Exigée	Resistant Resiste Bestanfig Résistant
	Chemical resistance Resistenza ai prodotti chimici Chemikalienfestigkeit Résistance aux produits chimiques	UNI EN ISO 10545/13	Must not produce noticeable signs of chemical attack /Non devono presentare apprezzabili segni d'attacco chimico/ Sie dürfen keine sichtlichen Zeichen einer chemischen Zersetzung vor weisen/ Ne doivent pas présenter des signes trop évidents l'attaque chimique	Unaffected Non attaccati Keine Einwirkung Non attaqués
	Stain resistance Resistenza alle macchie Fleckenbeständigkeit Résistance aux taches	UNI EN ISO 10545/14	Class 3 min. Classe 3 min. Gruppe 3 min. Classe 3 min.	5
	Colours stability to light Stabilità dei colori alla luce Lichtechtheit der Farben Stabilité des couleurs a la lumiere	DIN 51094	Must not produce noticeable colour variation Non devono presentare apprezzabili variazioni di colore Keine sichtbare Farbänderung ist erlaubt Ne doivent pas présenter des variations remarquables de la couleur	Compliant Conforme Erfüllt Conforme
	Slip resistance Resistenza allo scivolamento Bestimmung der Rutschemmenden Eigenschaft Résistance au glissement	DIN 51130 ZH1 1/571	$R10 = 10^\circ + 19^\circ$	R10 matt finish



# \_vetri5\_

	TECHNICAL FEATURES	TEST ACCORDING TO STANDARD	TEST RESULTS
	Water absorption Assorbimento d'acqua Wasserhaufnahme Absorption d'eau	ISO 10545-3 UNI EN 99	None
	Thermal shock resistance Resistenza agli sbalzi termici Temperaturwechselbeständigkeit Résistance aux écarts de température	ISO 10545-9 UNI EN 104	Resistant Resiste Bestanfig Résistant
	Chemical resistance Resistenza ai prodotti chimici Résistance aux produits chimiques Chemikalienfestigkeit	ISO 10545-13 8 UNI EN 122	Resistant Resiste Bestanfig Résistant
	Frost resistance Resistenza al gelo Frostwiderstandsfähigkeit Résistance au gel	ISO 10545-12 UNI EN 202	Resistant Resiste Bestanfig Résistant
	Colours resistance to fading Stabilità dei colori alla luce Farbbeständigkeit Résistance couleurs à la lumière	DIN 51094	Resistant Resiste Bestanfig Résistant

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# LEED

## LEADERSHIP IN ENERGY AND ENVIRONMENTAL DESIGN

The U.S. Green Building Council (**USGBC**) is the most important American association of industries in the building sector aimed at promoting methods of design and construction that lead to a significant reduction or elimination of the negative impact that buildings have on the environment.

To enable concrete quantification and correct monitoring of the degree of sustainability achieved by a building project, in 1999 the USGBC established a certification procedure called **LEED (Leadership in Energy and Environmental Design)**.

The LEED credits certify the eco-sustainable requisites of projects which can "function" in a sustainable and autonomous way in terms of energy and which have a **low-environmental impact** throughout their life-cycle.

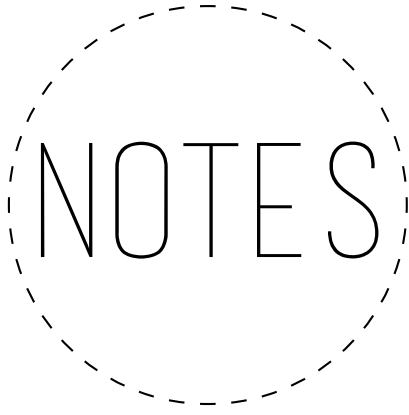
The LEED system is based on the award of points for every single eco-sustainable requisite of a project, divided into several major areas:

- sustainable construction sites
- protection of water resources
- energy efficiency and use of renewable sources
- storage, composition, and origin of construction materials and raw materials
- indoor environmental quality
- innovation in design.

Totalling up all the awarded points, the building obtains a certain eco-sustainable level. **Terratinta Ceramiche**, with **Betonwood** project, has achieved 6 LEED points.

MR Credit 5.1 Regional Materials 10%	(1 LEED point)
MR Credit 5.2 Regional Materials 20%	(1 LEED point)
SS Credit 7.1 Heat Island Effect - Nonroof	(1 LEED point)
SS Credit 7.2 Heat Island Effect - Roof	(1 LEED point)
EA Credit 1 Optimize Energy Performance	(1 LEED point)
EQ Credit 4.2 Low Emitting Materials - Flooring Systems	(1 LEED point)





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CERAMICHE MADE IN ITALY

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Showroom and Offices: 20, via Panaro 41042 Fiorano Modenese (Mo) ITALY  
Tel. +39 0536911408 Fax. +39 05361940223

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