

the **FOUR**shades  
*concept*

By Terratinta Ceramiche®

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**COMING  
TOGETHER**  
is a beginning.



**KEEPING TOGETHER**  
is progress.

Working  
together  
**IS SUCCESS.**

Henry Ford



# the **FOUR**shades *concept*

The Four Shades Concept is a project designed starting from four colors 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 mosaics and glass listels, where a re-interpretation of graphic decoration meets the latest ceramic technologies. The Four Shades Concept: a sophisticated and polyhedric project.

Starting from  
**BETONTECH**



White



Grey



Clay



Mud

**BETONEPOQUE**

6



**BETONBRICK**

24

**BETONSQUARE**

48



# BETONepoque

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



White-Grey  
8



Clay-Mud  
14

# WHITE-GREY

20x20cm



Amelie 01



Claire 02



Olivia 07



Sarah 08



Emma 03



Inés 04



Vivienne 09



Louise 05



Michelle 06



Betontech White  
20x20



Betontech Grey  
20x20

Not just patterns. Betonepoque 20x20cm tiles come also with plain colour: Betontech White and Betontech Grey. Once again, we love to mix and match the minimalist and the old fashion-refined style. Simplicity and design, everywhere, anytime.

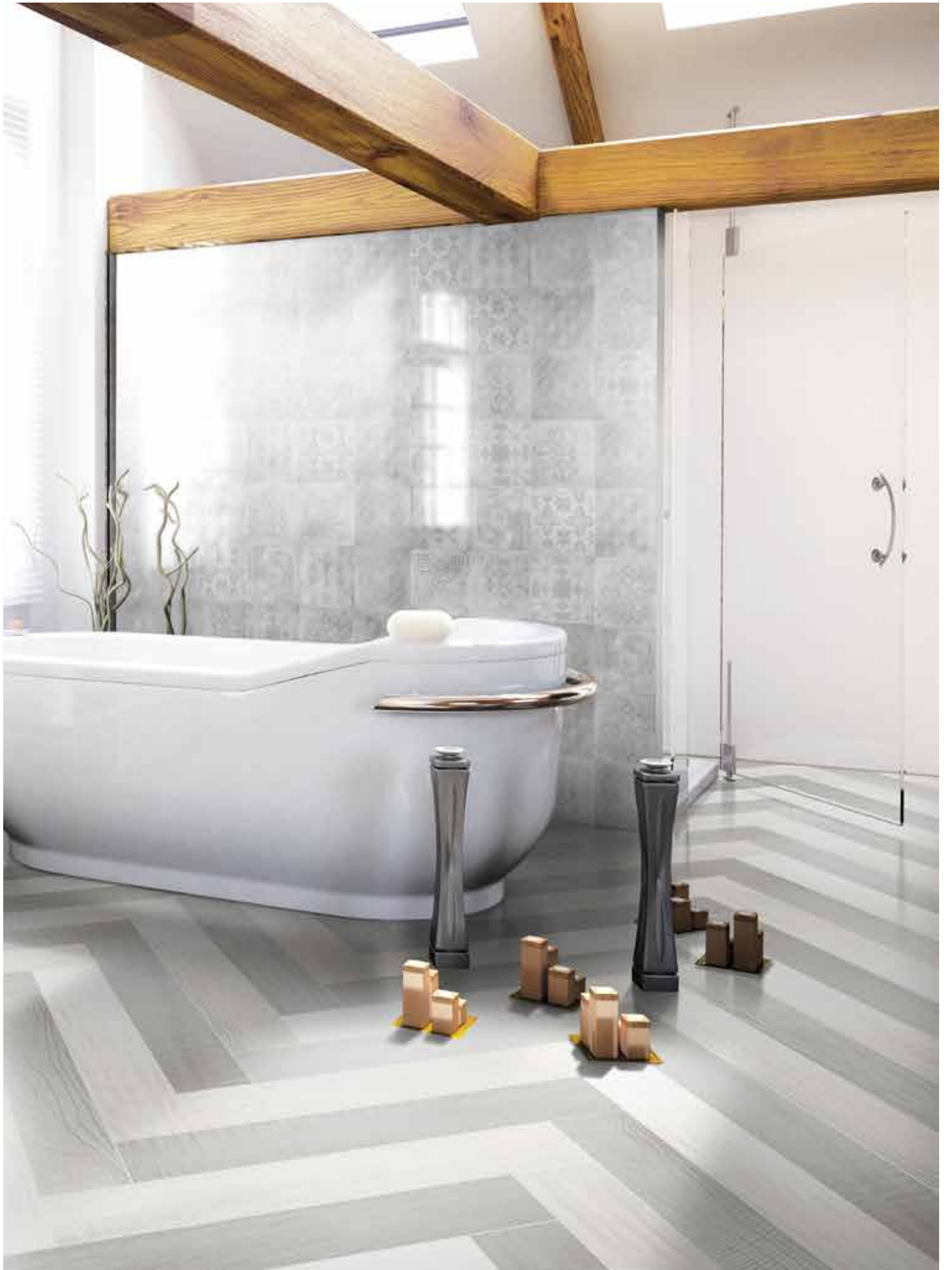


White-Grey  
patterns mix 20x20cm



Betonepoque White-Grey  
patterns mix 20x20cm\_wall

Betonwood White/ Grey  
15x90cm\_floor





# CLAY-MUD

20x20cm



Amelie 01



Claire 02



Olivia 07



Sarah 08



Emma 03



Inés 04

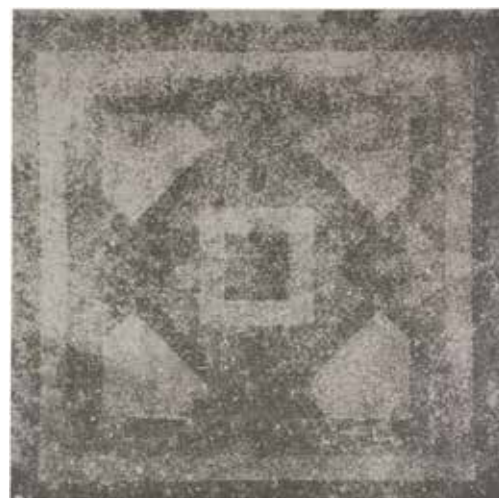


Vivienne 09

Not just patterns. Betonepoque 20x20cm tiles come also with plain colour: Betontech Clay and Betontech Mud. Once again, we love to mix and match the minimalist and the old fashion-refined style. Simplicity and design, everywhere, anytime.



Louise 05



Michelle 06



Betontech Clay  
20x20



Betontech Mud  
20x20





Betonbrick Wall Clay  
matt 7,5x15cm\_wall

Betonepoque Clay-Mud  
patterns mix 20x20cm\_floor





Betonepoque Clay-Mud  
patterns mix 20x20cm\_wall  
Betonwood Clay  
22,5x90cm/ 15x90cm\_floor

## BETONEPOQUE

**9 different patterns** on two shades (White-Grey and Clay-Mud)  
plus **4 plain-colours** (White, Grey, Clay and Mud),  
all on **20x20cm** size. Betonepoque. A new era.

*You can choose:*

### ONE

-One of the nine different patterns available in the two shades White-Grey/ Clay-Mud (included Betontech 20x20cm White, Grey, Clay or Mud).

(Minimum order for single pattern or single-plain colour: 1 box.  
Number of pieces contained in a single box: 12, for the patterns / 25, for plain colours)

### MIX

-A personal mix: you can choose from two to nine different patterns to include in your "own mix".

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

**AVAILABLE PATTERNS/ COLORS 20X20cm**

all rectified ± 10,5

**WHITE-GREY**



Amelie 01



Claire 02



Emma 03



Inés 04



Louise 05



Michelle 06



Olivia 07



Sarah 08



Vivienne 09



Betontech White  
20x20cm matt



Betontech Grey  
20x20cm matt

**CLAY-MUD**



Amelie 01



Claire 02



Emma 03



Inés 04



Louise 05



Michelle 06



Olivia 07



Sarah 08



Vivienne 09

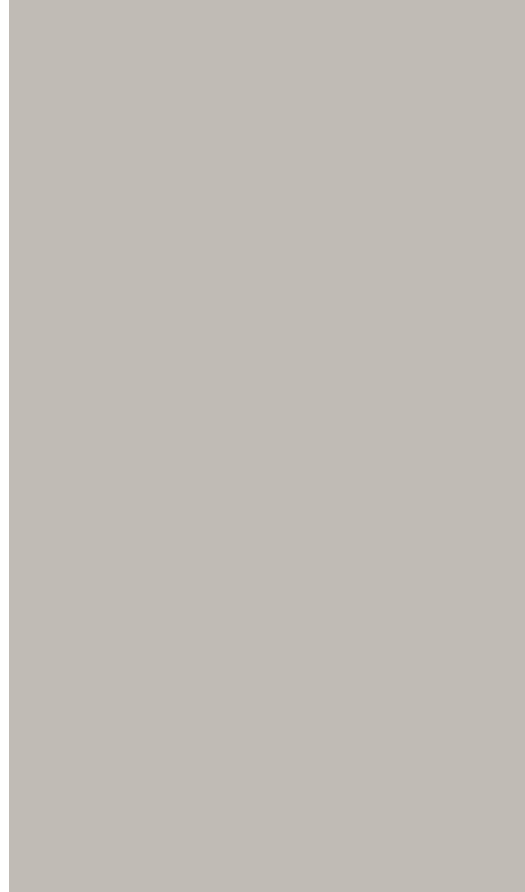
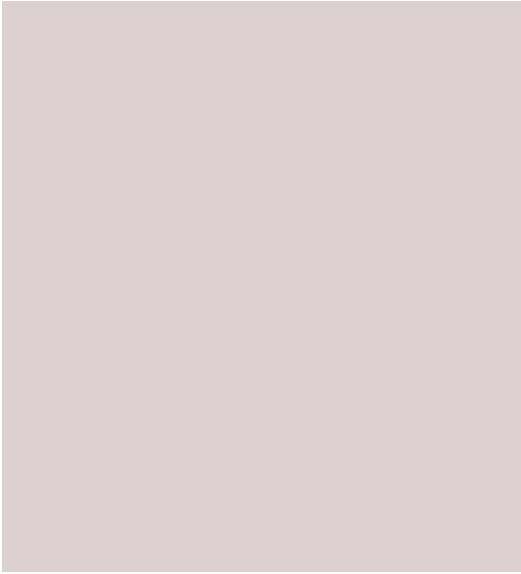
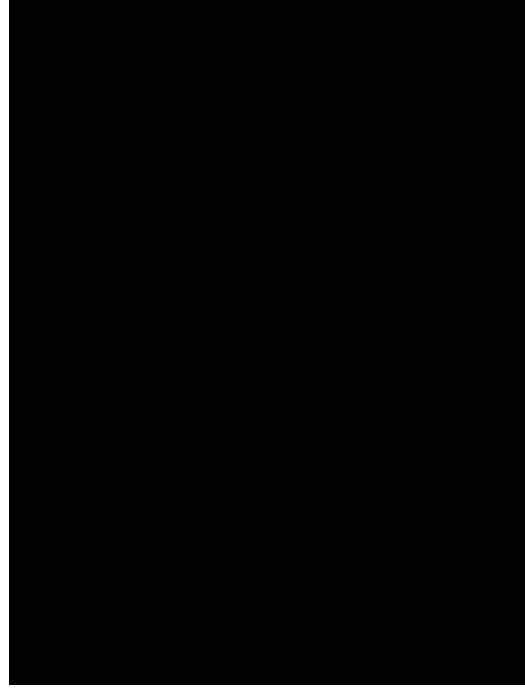


Betontech Clay  
20x20cm matt



Betontech Mud  
20x20cm matt





**You can't use up  
creativity.  
The more you use,  
the more you have.**

Maya Angelou

# betonbrick *wall*

Handcrafted white body wall tiles with a vintage taste melted with contemporary colours and essential finishes. A contrast between tradition and modern design which results in a new and unique mood.



White  
glossy

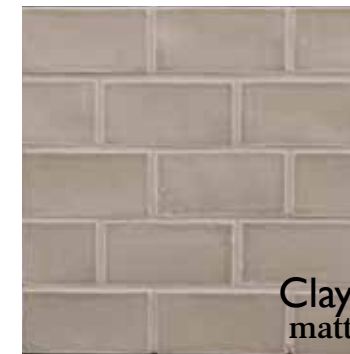


White  
matt



Grey  
matt

7,5x15  
26



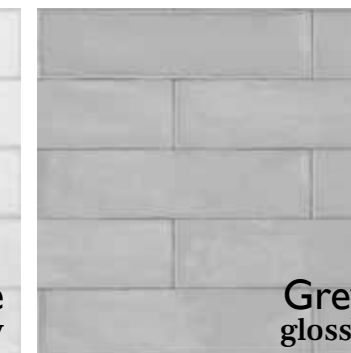
Clay  
matt



Mud  
matt



White  
glossy



Grey  
glossy

7,5x30  
34



Clay  
glossy



Mud  
glossy



White  
glossy



Black  
glossy

7,5x15  
Diamond  
42

# 7,5x15

± 8



White glossy  
7,5x15cm



White matt  
7,5x15cm

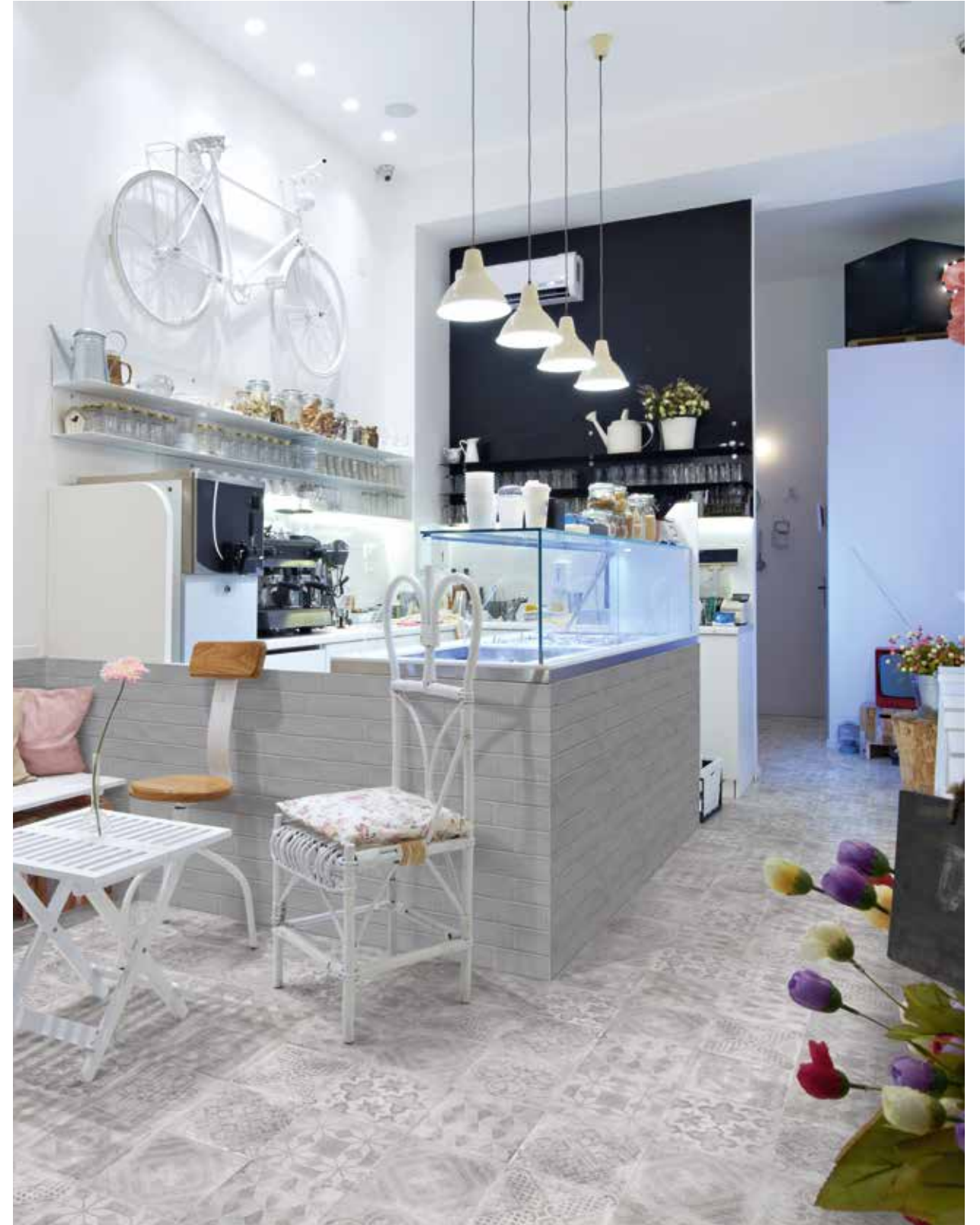


Betonbrick Wall White  
7,5x15cm glossy\_wall  
Betonepoque White-Grey  
patterns mix 20x20cm\_floor





Grey matt  
7,5x15cm



Betonbrick Wall Grey  
7,5x15cm matt\_wall

Betonepoque White-Grey  
patterns mix 20x20cm\_floor









Clay matt  
7,5x15cm



Mud matt  
7,5x15cm



Mud matt  
7,5x15cm



# 7,5x30

± 8



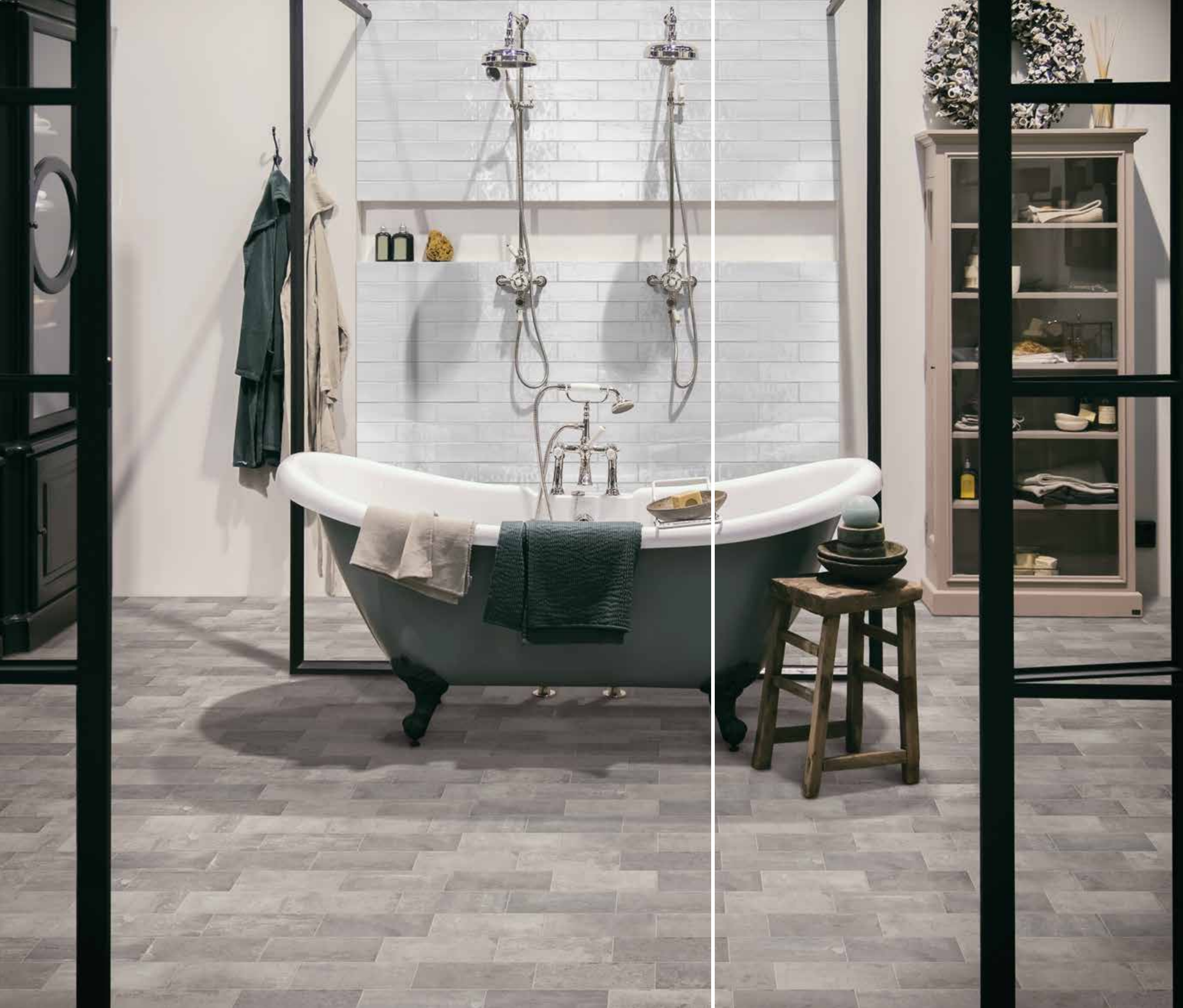
White glossy  
7,5x30cm



Grey glossy  
7,5x30cm



Grey glossy  
7,5x30cm



Betonbrick Wall White  
7,5x30cm glossy\_wall

Betonbrick Floor White-Grey  
10x20cm\_floor





Clay glossy  
7,5x30cm



Mud glossy  
7,5x30cm



Mud glossy  
7,5x30cm





Betonbrick Wall Clay  
7,5x30cm glossy\_wall

Betontech Clay  
60x60cm matt\_floor



# 7,5x15 DIAMOND

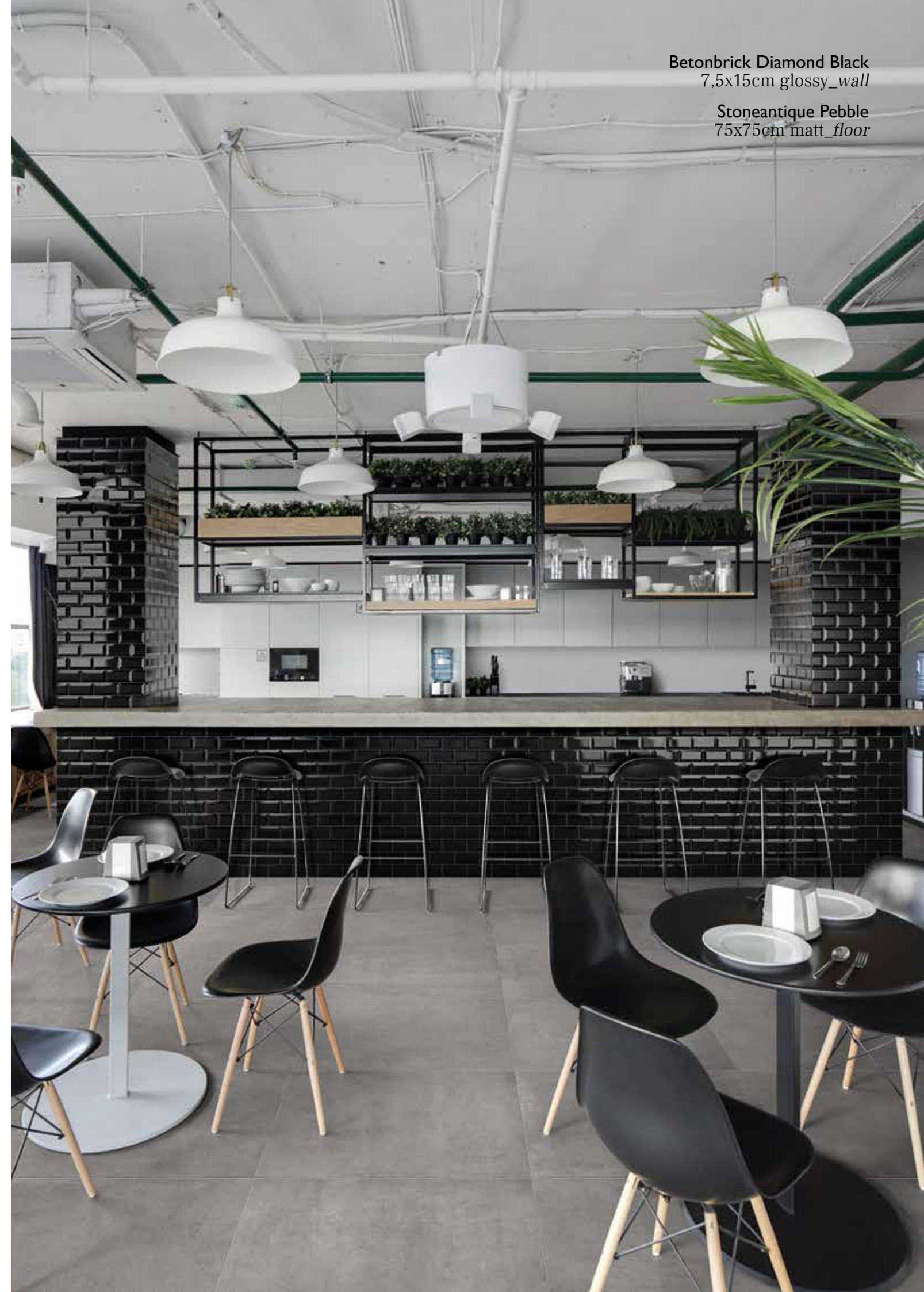
± 8,5



White glossy  
7,5x15cm



Black glossy  
7,5x15cm



Betonbrick Diamond Black  
7,5x15cm glossy\_wall

Stoneantique Pebble  
75x75cm matt\_floor





Betonbrick Diamond White  
7,5x15cm glossy\_wall

Betongreys Cold Sei  
60x60cm\_floor



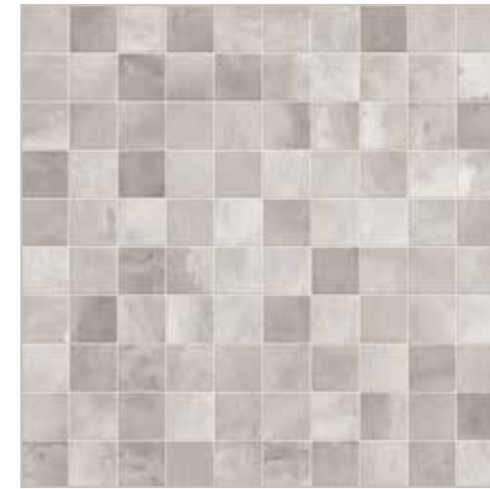
**WE'RE GAMBLING ON OUR VISION, AND WE WOULD  
RATHER DO THAT THAN MAKE "ME TOO" PRODUCTS.  
LET SOME OTHER COMPANIES DO THAT. FOR US, IT'S  
ALWAYS THE NEXT DREAM.**

Steve Jobs

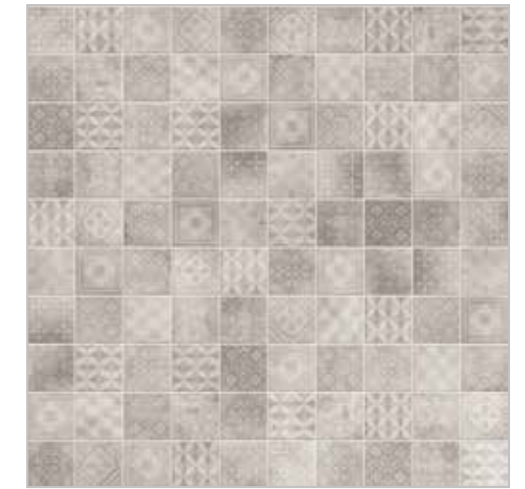


# BETONSQUARE

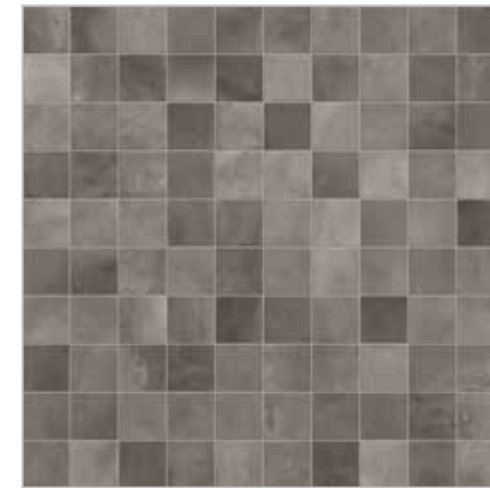
They told us that the 10x10 size was old: we didn't believe it. A fresh and contemporary porcelain tiles project, which gives a brand new life to a traditional size. With the four colours of The Four Shades Concept and with Betonepoque patterns brought in a smaller size, this is a project suitable for any residential or commercial area, Terratinta style at its fullest. Together with Mosaics 1,7x1,7 cm full body stoneware, a series that introduces itself into an even more technical and innovative look. Simple, innovative, clean. Square.



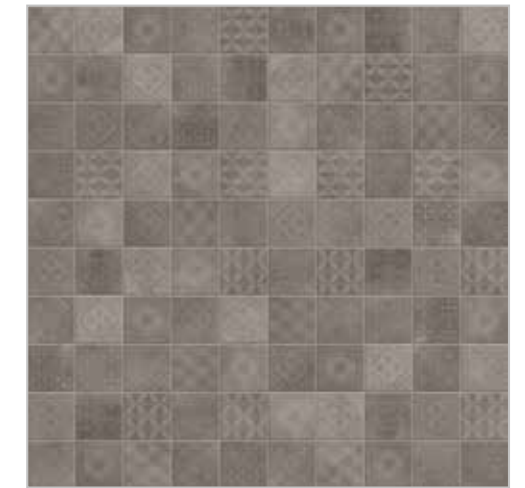
White-Grey  
50



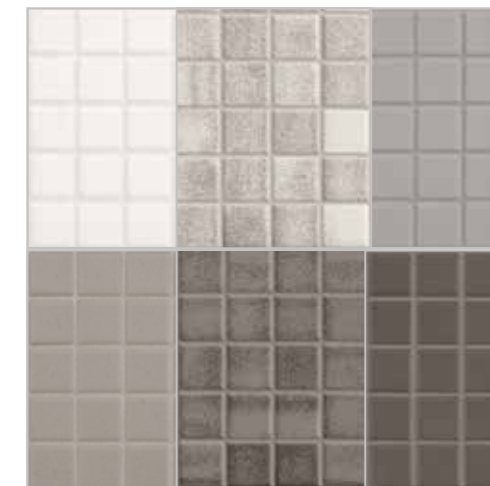
White-Grey Decor  
50



Clay-Mud  
54



Clay-Mud Decor  
54



Mosaics  
58

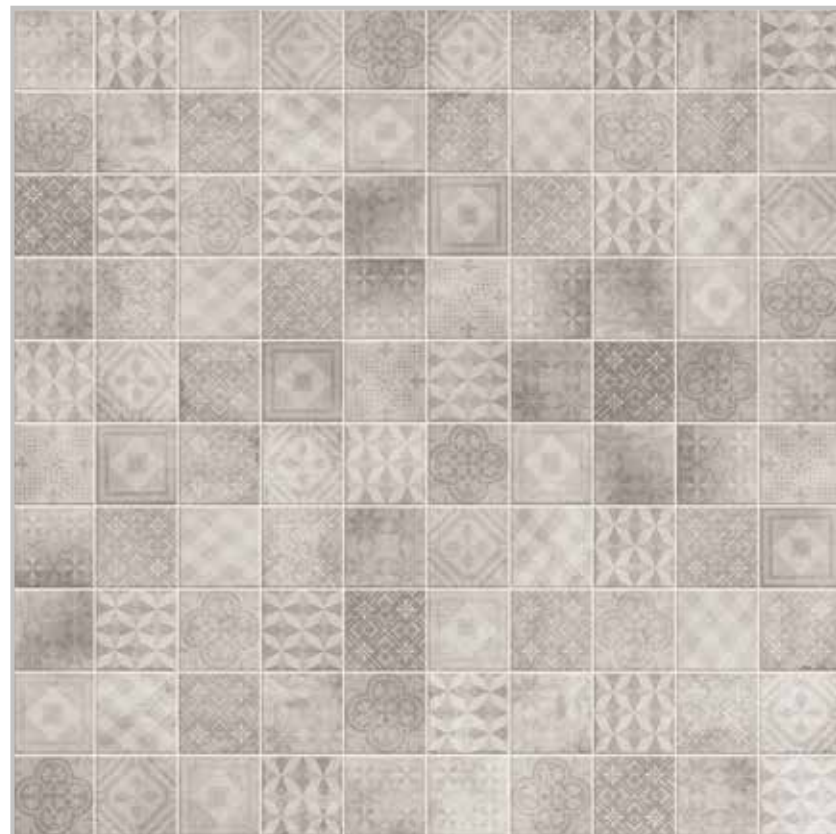


# 10X10cm WHITE-GREY

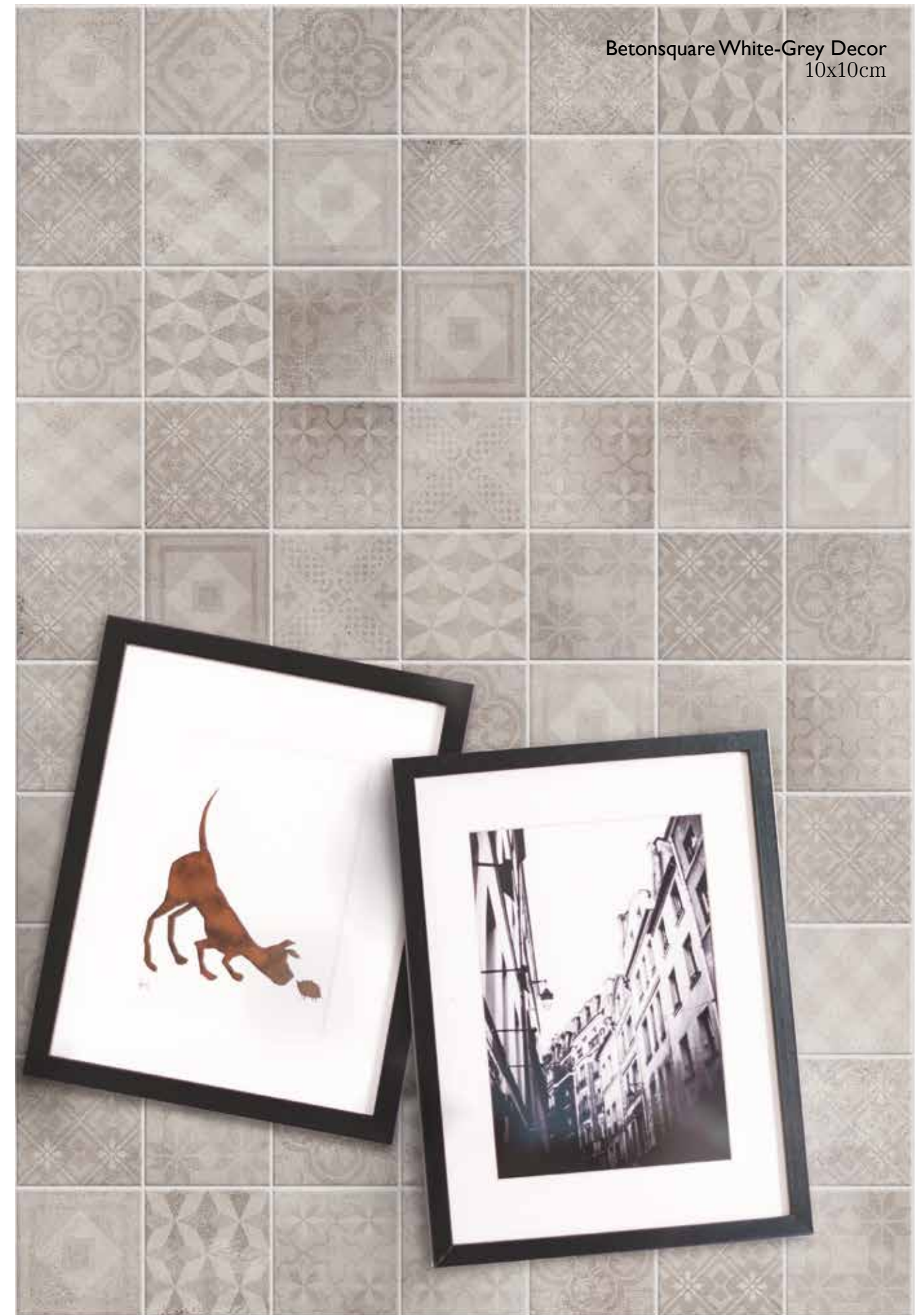
± 8



White-Grey  
10x10cm



White-Grey Decor  
10x10cm

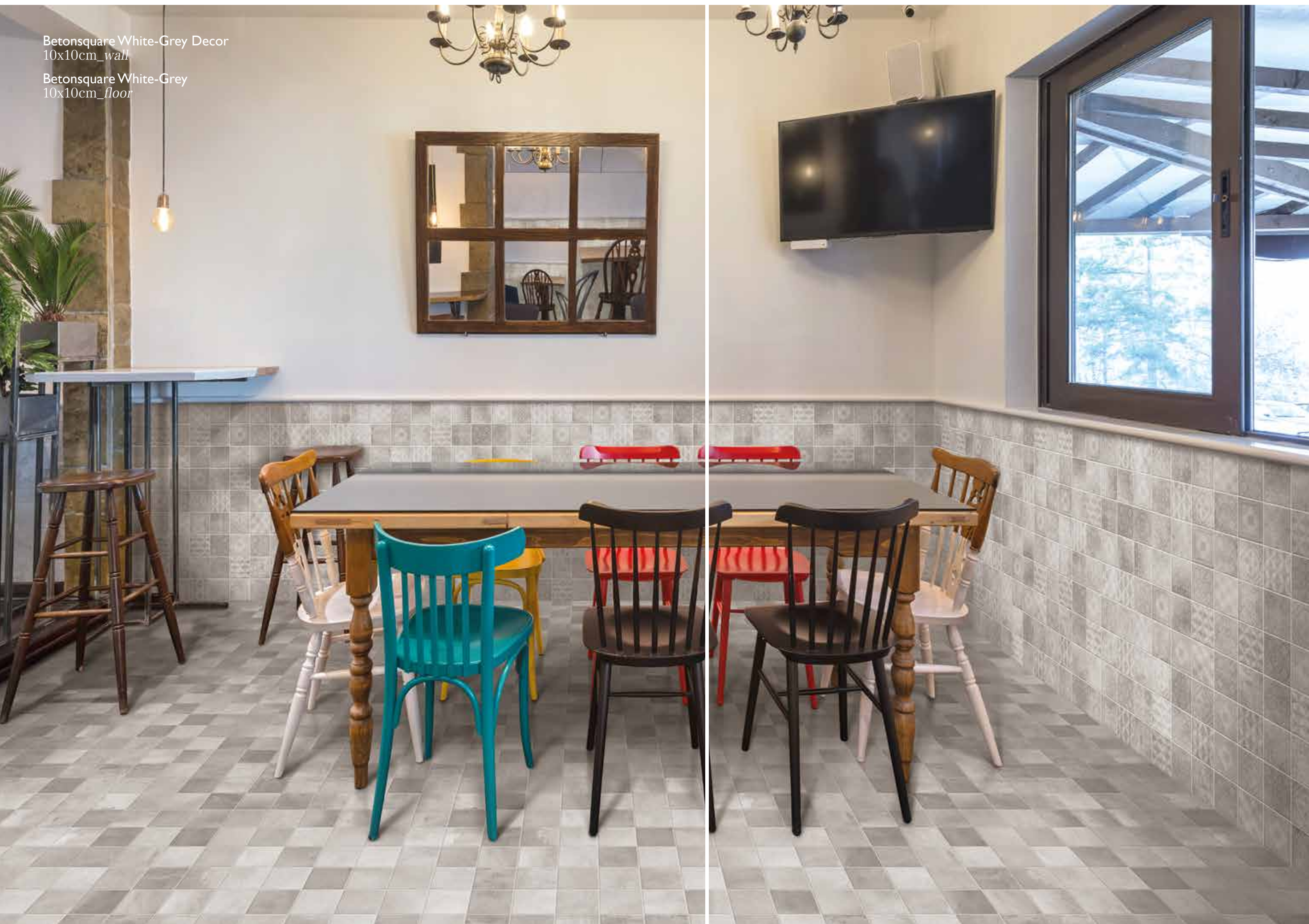


Betonsquare White-Grey Decor  
10x10cm



Betonsquare White-Grey Decor  
10x10cm\_wall

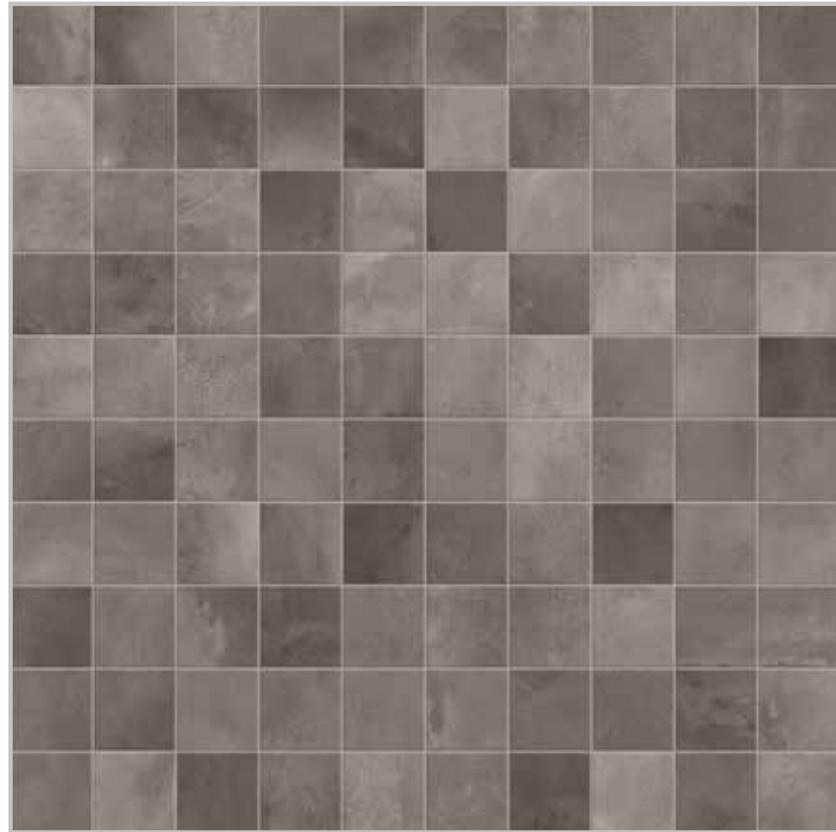
Betonsquare White-Grey  
10x10cm\_floor



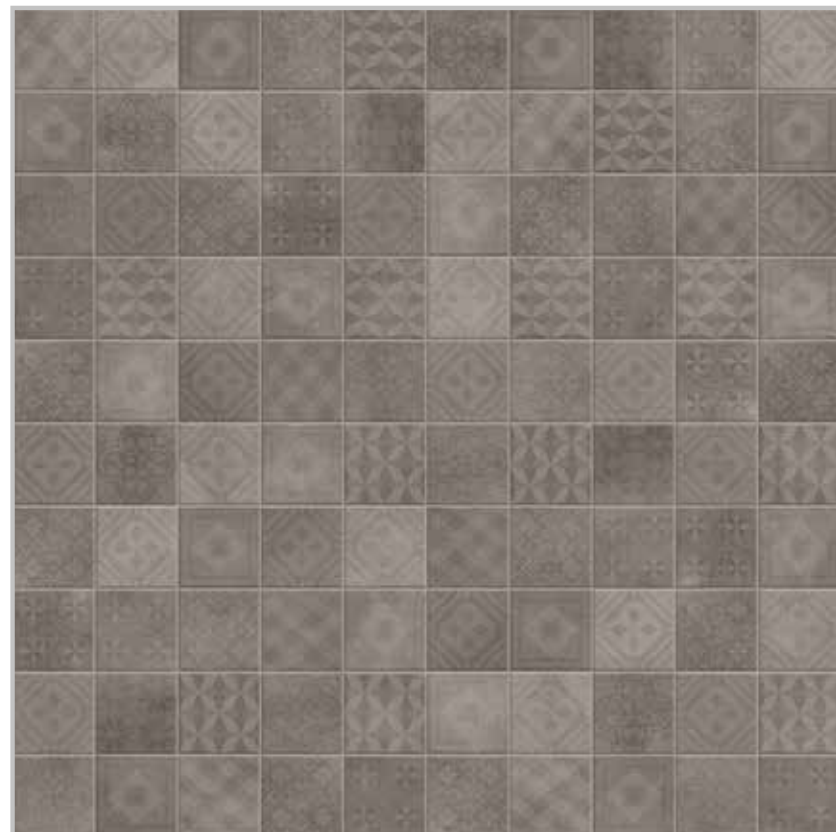


# 10X10cm CLAY-MUD

± 8



Clay-Mud  
10x10cm



Clay-Mud Decor  
10x10cm



Betonsquare Clay-Mud 10x10cm | Betonsquare Clay-Mud Decor 10x10cm |  
Betonbrick Wall Mud glossy 7,5x30cm\_wall | Betonsquare Clay-Mud10x10cm\_floor





Betonsquare Clay-Mud mosaic mix 31,6x31,6cm | Betonbrick Wall Mud 7,5x15cm matt |  
Betonepoque Clay-Mud patternsn mix 20x20cm\_wall | Betontech Clay 90x90cm matt\_floor



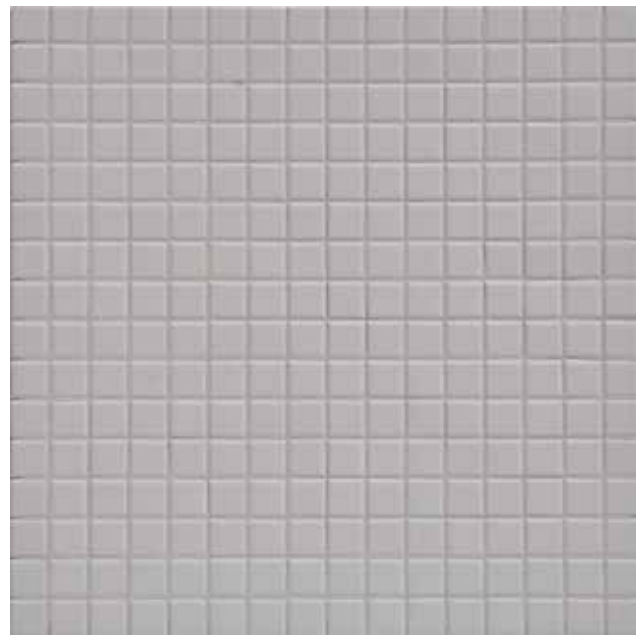
# 31,6X31,6cm MOSAICS

chip 1,7X1,7cm

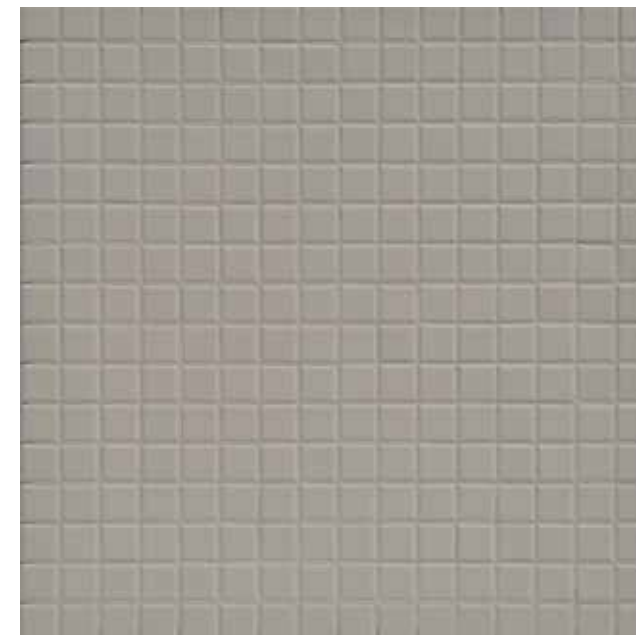
± 4



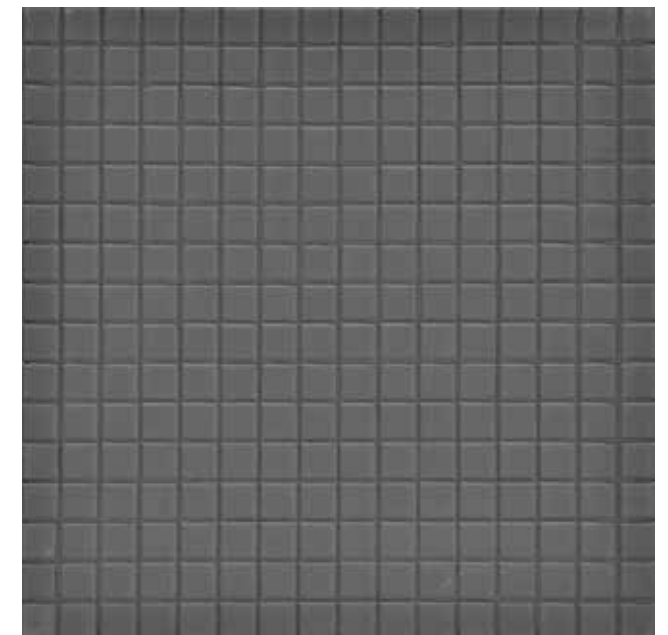
White  
mosaic



Grey  
mosaic



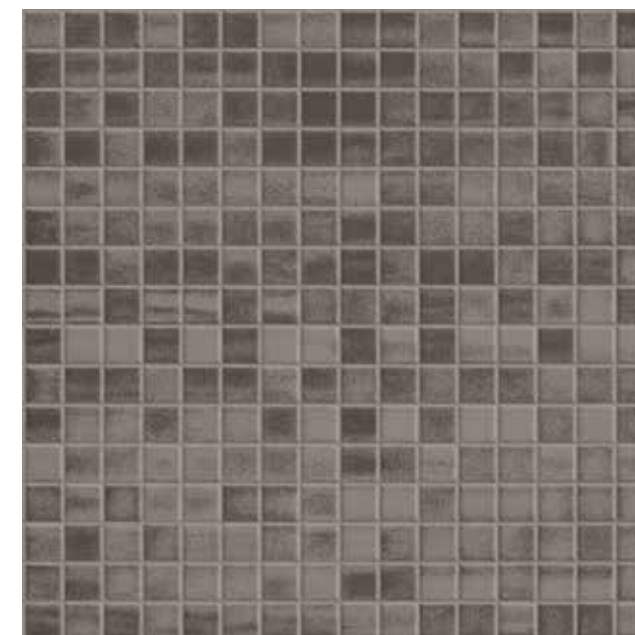
Clay  
mosaic



Mud  
mosaic



White-Grey  
mosaic mix



Clay-Mud  
mosaic mix

## Betonsquare MOSAICS

### *advantages*

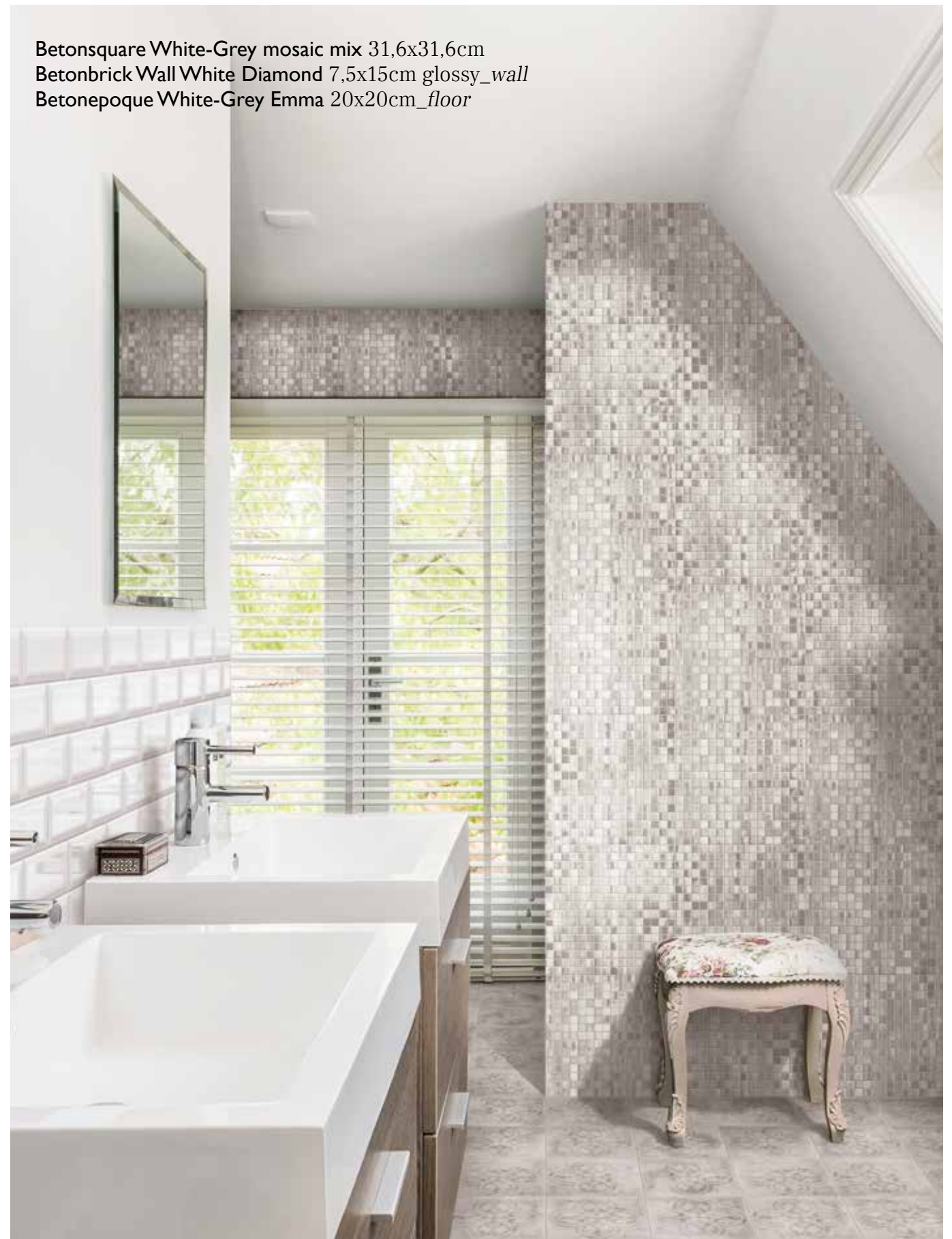
A **porcelain stoneware fullbody Mosaic** of only **4 mm thickness**: high technical performances and refined aesthetic research in the four colours of The Four Shades Concept!

- wear resistant
- breakage resistant
- frost resistant
- suitable for both floors and walls, even high traffic ones

Chips combined together in 31,6x31,6 cm sheets through the application of "glue dot":

- practical
- easy to handle
- resistant
- suitable for wet areas
- easy to lay down, even onto curved surfaces

Terratinta Betonsquare Mosaics guarantee high standards in safeguarding and respecting the environment. The production system and management choices adopted allow us to keep consumption of natural resources and pollution down to a minimum. The manufacturing of the atomized paste (base) and powdered enamels (colour), is done by dry pressing without the use of water, creating a more durable quality product and avoiding the production of waste water discharge. The firing is done using a modern electric oven, powered by green energy produced from renewable sources (wind turbines and solar power), avoiding the use of fossil fuels and atmospheric emissions. All scrap and waste are collected separately and sent for recycling.



Betonsquare White-Grey mosaic mix 31,6x31,6cm  
Betonbrick Wall White Diamond 7,5x15cm glossy\_wall  
Betonepoque White-Grey Emma 20x20cm\_floor





Betonsquare Clay  
mosaic 31,6x31,6cm



Betonsquare White-Grey  
10x10cm\_wall  
Betonsquare Mosaic White  
31,6x31,6cm\_floor





**YOU CAN TAKE MY  
FACTORIES, BURN MY  
BUILDINGS, BUT GIVE ME  
MY PEOPLE, AND I WILL  
BUILD AGAIN THE SAME  
COMPANIES.**

Henry Ford



## BETONEPOQUE



PACKAGING						
	PCS	SQ.MT.	KG	BOXES	SQ.MT.	KG
<input type="checkbox"/> 20x20cm White-Grey One pattern (to be chosen)	12	0,48	11,16	87	41,76	991
<input type="checkbox"/> 20x20cm Clay-Mud One pattern (to be chosen)	16	0,64	14,20	72	46,08	1042
<input type="checkbox"/> 20x20cm Personal Mix (from 2 to 9 different patterns)	25	1	22,95	54	54	1.259
<input type="checkbox"/> Betontech 20x20cm (White/Grey/Clay/Mud)	25	1	22,95	54	54	1.259
Betontech skirting 7x60cm	14	8,40ml	14,00	-	-	-

## BETONEPOQUE

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



## BETONBRICK WALL 7,5X15



PACKAGING/CODES						
	PCS	SQ.MT.	KG	BOXES	SQ.MT.	KG
<input type="checkbox"/> 7,5x15cm White glossy TTBB71WGW	44	0,50	8,11	96	48	799
<input type="checkbox"/> 7,5x15cm White matt TTBB71WMW						
<input type="checkbox"/> 7,5x15cm Grey matt TTBB71GMW						
<input type="checkbox"/> 7,5x15cm Clay matt TTBB71CMW						
<input type="checkbox"/> 7,5x15cm Mud matt TTBB71MMW						

## BETONBRICK WALL 7,5X15 DIAMOND



PACKAGING/CODES						
	PCS	SQ.MT.	KG	BOXES	SQ.MT.	KG
<input type="checkbox"/> 7,5x15cm Diamond White glossy TTBB71WDGW	44	0,50	8	120	60	980
<input type="checkbox"/> 7,5x15cm Diamond Black glossy TTBB71BDGW						

## BETONBRICK WALL 7,5X30



PACKAGING/CODES						
	PCS	SQ.MT.	KG	BOXES	SQ.MT.	KG
<input type="checkbox"/> 7,5x30cm White glossy TTBB73WGW	22	0,50	8,11	96	48	799
<input type="checkbox"/> 7,5x30cm Grey glossy TTBB73GGW						
<input type="checkbox"/> 7,5x30cm Clay glossy TTBB73CGW						
<input type="checkbox"/> 7,5x30cm Mud glossy TTBB73MGW						

## BETONSQUARE



PACKAGING/CODES	UNIFORM / MOSAICS			MODERATE / MOSAICS MIX		
	PCS	SQ.MT.	KG	BOXES	SQ.MT.	KG
<input type="checkbox"/> 10x10cm White-Grey loose TTBSQWGIINS	88	0,88	14,80	84	73,92	1.263
<input type="checkbox"/> 10x10cm White-Grey Decor Mix loose TTBSQWGMIX						
<input type="checkbox"/> 10x10cm Clay-Mud loose TTBSQCMIIINS						
<input type="checkbox"/> 10x10cm Clay-Mud Decor Mix loose TTBSQCMIMIX	84	0,875	14,20	84	73,50	1.213
<input type="checkbox"/> 10x10cm White-Grey *glue-dot TTBSQWGIINPC						
<input type="checkbox"/> 10x10cm Clay-Mud *glue-dot TTBSQCMIIINPC						

\*1 sheet is 30x40cm and contains 12 pieces

## BETONSQUARE MOSAICS



PACKAGING/CODES	UNIFORM / MOSAICS			MODERATE / MOSAICS MIX		
	PCS	SQ.MT.	KG	BOXES	SQ.MT.	KG
<input type="checkbox"/> Mosaic 31,6x31,6cm (chip 1,7x1,7cm) White TTBSQ01MIN	10	1	10	54	54	560
<input type="checkbox"/> Mosaic 31,6x31,6cm (chip 1,7x1,7cm) Grey TTBSQ05MIN						
<input type="checkbox"/> Mosaic 31,6x31,6cm (chip 1,7x1,7cm) Clay TTBSQ03MIN						
<input type="checkbox"/> Mosaic 31,6x31,6cm (chip 1,7x1,7cm) Mud TTBSQ04MIN						
<input type="checkbox"/> Mosaic 31,6x31,6cm (chip 1,7x1,7cm) White-Grey Mix TTBSQWGMIN	10	1	10	54	54	560
<input type="checkbox"/> Mosaic 31,6x31,6cm (chip 1,7x1,7cm) Clay-Mud Mix TTBSQCMMIN						

## TECHNICAL FEATURES UNGLAZED PORCELAIN STONEWARE

CONFORMING TO EUROPEAN STANDARDS EN 14411 ISO 13006 APPENDIX G (GROUP BIA UGL Eb ≤ 0,5%)

CARATTERISTICHE TECNICHE GRÉS PORCELANATO TUTTA MASSA Conformi a Norme Europee EN 14411 ISO 13006 Appendice G (Gruppo Bia UGL Eb ≤ 0,5%)

TECHNISCHE EIGENSCHAFTEN FEINSTEINZEUG DURCHGEFÄRBT Gemäß den Europäischen Normen EN 14411 ISO 13006 Appendix G (Gruppe Bia UGL Eb ≤ 0,5%)

CARACTERISTIQUES TECHNIQUES GRÉS CÉRAMÉ PLEIN MASSE Conformes aux Normes Européennes EN 14411 ISO 13006 Appendice G (Groupe Bia UGL Eb ≤ 0,5%)

	TECHNICAL FEATURES CARATTERISTICHE TECNICHE TECHNISCHE DATEN CARACTERISTIQUE TECHNIQUE	TESTING METHOD METODICA DI PROVA PRÜFVERFAHREN NORME D'ESSAIS	REFERENCE STANDARD RIFERIMENTO NORMA STANDARDWERT REFERENCE NORME	TEST RESULTS VALORE PRODOTTO PRODUKT WERTE VALEUR PRODUIT
	Sizes Dimensioni Abmessungen Dimensions	EN ISO 10545-2	N ≥ 15 cm • Length and width - Lunghezza e larghezza - Länge und Breite - Longueur et largeur ±0,6% (mm) ±2,0mm • Thickness - Spessore - Stärke - Epaisseur ±5,0 ±0,5 • Linearity - Rettilinearità spigoli - Kantengeradheit - Rectitude des arêtes ±0,5 ±1,5 • Wedging - Ortogonalità - Rechtwinkligkeit Orthogonalité ±0,5 ±2,0 • Warpage - Planarità - Ebenföchigkeit - Planité ±0,5 ±2,0 • Appearance: percentage of acceptable tiles, per lot Aspetto: percentuale di piastrelle accettabili nel lotto Oberflächenbeschaffenheit: Prozentsatz der Fliesen, die den geforderten Eigenschaften entsprechen Aspect: pourcentage de carreaux acceptables sur la fourniture totale	Compliant Conforme Erfüllt Conforme
	Water absorption Assorbimento d'acqua Wasseraufnahme Absorption d'eau	EN ISO 10545-3	E <sub>p</sub> ≤ 0,5%	Compliant Conforme Erfüllt Conforme
	Modulus of rupture Resistenza alla flessione Biegefestigkeit Résistance à la flexion	EN ISO 10545-4	Medium value 35 N/mm <sup>2</sup> min.	Compliant Conforme Erfüllt Conforme
	Breaking strength Carico di rottura Bruchlast Charge de rupture	EN ISO 10545-4	sp. > = 7,5 mm: min 1300 N	Compliant Conforme Erfüllt Conforme
	Abrasion resistance Resistenza all'abrasione Abriebbeständigkeit Résistance à l'abrasion	EN ISO 10545-6	175 mm <sup>3</sup> max	Average Medio - Mittelwert - Moyenne < 150 mm <sup>3</sup>
	Thermal expansion coefficient Coefficiente di dilatazione termica lineare Wärmeausdehnung Coefficient de dilatation thermique linéaire	EN ISO 10545-8	*Declared value Valore dichiarato Angegebener Wert Valeur déclarée	≤9 MK-1
	Thermal shock resistance Resistenza agli sbalzi termici Temperaturwechselbeständigkeit Résistance aux écarts de température	EN ISO 10545-9	*Pass according to iso 10545-1 Test superato in accordo con iso 10545-1 Test ueberstanden nach ISO 10545-1 Pv en accord avec norme en 10545-1	Resistant Resistente Widerstandsfähig Résistant
	Frost resistance Resistenza al gelo Frostbeständigkeit Résistance au gel	EN ISO 10545-12	*Pass according to iso 10545-1 Test superato in accordo con iso 10545-1 Test ueberstanden nach ISO 10545-1 Pv en accord avec norme en 10545-1	Resistant Resistente Widerstandsfähig Résistant
	Resistance to low concentrations of acids and alkali Resistenza a basse concentrazioni di acidi e alcali Beständigkeit gegen schwach konzentrierten Säuren und Laugen Résistance à des basses concentrations d'acides et bases	EN ISO 10545-13	*Declared value Valore dichiarato Angegebener Wert Valeur déclarée	From ULA to ULB Da ULA a ULB Von ULA bis ULB De ULA jusqu'à ULB
Resistance to high concentrations of acids and alkali Resistenza ad alte concentrazioni di acidi e alcali Beständigkeit gegen stark konzentrierten Säuren und Laugen Résistance à des hautes concentrations d'acides et bases	*Declared value Valore dichiarato Angegebener Wert Valeur déclarée		From UHA to UHB Da UHA a UHB Von UHA bis UHB De UHA jusqu'à UHB	
Resistance to domestic chemicals and additives for swimming pools Resistenza ai prodotti chimici di uso domestico e agli additivi per piscina Beständigkeit gegen chemischen Haushaltsreiniger und Zusatzstoffe für Schwimmbäder Résistance aux prod. chimiques d'usage domestique et additifs pour piscines	UB min.		UA	
	Stain resistance of unglazed porcelain Resistenza alle macchie di piastrelle non smaltate Fleckenbeständigkeit von unglasierten Fliesen Résistance aux taches des carreaux non émaillés	EN ISO 10545-14	*Declared value Valore dichiarato Angegebener Wert Valeur déclarée	CLASSE 5
	Colors resistance to light Resistenza dei colori alla luce Lichtbeständigkeit Résistance des couleurs à la lumière	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 relevée
	Friction coefficient (Slipperiness) Coefficiente di attrito (Scivolosità) Reibungskoeffizient (Schlupfrigkeit) Coefficient de friction (Glissement)	DIN 51130 ANSI A137.1 (DCOF)	*Declared value Valore dichiarato Angegebener Wert Valeur déclarée	R10 matt >0,42 matt

Valid for **BETONTECH**

















TECHNICAL FEATURES GLAZED PORCELAIN STONEWARE

CONFORMING TO EUROPEAN STANDARDS EN 14411 ISO 13006 ANNEX G (GROUP BIA GL Eb ≤ 0,5%)

CARATTERISTICHE TECNICHE GRÈS PORCELLANATO SMALTATO Conformi a Norme Europee EN 14411 ISO 13006 Appendice G (Gruppo Bia GL Eb ≤ 0,5%)

TECHNISCHE EIGENSCHAFTEN GLASIERTES FEINSTEINZEUG Gemäß den Europäischen Normen EN 14411 ISO 13006 Appendix G (Gruppe Bia GL Eb ≤ 0,5%)

CARACTERISTIQUES TECHNIQUES GRÈS CERAME EMAILLE Conformes aux Normes Européennes EN 14411 ISO 13006 Appendice G (Groupe Bia GL Eb ≤ 0,5%)

	TECHNICAL FEATURES CARATTERISTICHE TECNICHE TECHNISCHE DATEN CARACTERISTIQUE TECHNIQUE	TESTING METHOD METODICA DI PROVA PRÜFVERFAHREN NORME D'ESSAIS	REFERENCE STANDARD RIFERIMENTO NORMA STANDARDWERT RÉFÉRENCE NORME	TEST RESULTS VALORE PRODOTTO PRODUKT WERTE VALEUR PRODUIT
	Sizes Dimensioni Abmessungen Dimensions	EN ISO 10545-2	<p>70msN&lt;15cm</p> <p>Length and width - Lunghezza e larghezza - Länge und Breite - Longueur et largeur ±0,9mm</p> <p>Thickness - Spessore - Stärke - Epaisseur ±0,5mm</p> <p>Linearity - Rettilinearità spigoli - Kantengeradheit - Rectitude des arêtes ±0,75mm</p> <p>Wedging - Ortogonalità - Rechtwinkligkeit - Orthogonalité ±0,75mm</p> <p>Warpage - Planarità - Ebenföchigkeit - Planéité ±0,75mm</p> <p>Appearance: percentage of acceptable tiles, per lot 95% min. Aspetto: percentuale di piastrelle accettabili nel lotto Oberflächenbeschaffenheit: Prozentsatz der Fliesen, die den geforderten Eigenschaften entsprechen/Aspect: pourcentage de carreaux acceptables sur la fourniture totale</p>	<p>Compliant Conforme Erfüllt Conforme</p>
	Water absorption Assorbimento d'acqua Wasseraufnahme Absorption d'eau	EN ISO 10545-3	Eb ≤ 0,5%	<p>Compliant Conforme Erfüllt Conforme</p>
	Modulus of rupture Resistenza alla flessione Biegefestigkeit Résistance à la flexion	EN ISO 10545-4	Min 35 N/mm <sup>2</sup>	<p>Compliant Conforme Erfüllt Conforme</p>
	Breaking strength Carico di rottura Bruchlast Charge de rupture	EN ISO 10545-4	sp. > = 7,5 mm: min 1300 N	<p>Compliant Conforme Erfüllt Conforme</p>
	Abrasion resistance Resistenza all'abrasione Abriebbeständigkeit Résistance à l'abrasion	EN ISO 10545-7	CLASSI 0-5	<p>From 4 to 5 Da 4 a 5 Von 4 bis 5 De 4 jusqu'à 5</p>
	Thermal expansion coefficient Coefficiente di dilatazione termica lineare Wärmeausdehnung Coefficient de dilatation thermique linéaire	EN ISO 10545-8	*Declared value Valore dichiarato Angegebener Wert Valeur déclarée	<p>≤9MK-1</p>
	Thermal shock resistance Resistenza agli sbalzi termici Temperaturwechselbeständigkeit Résistance aux écarts de température	EN ISO 10545-9	*Pass according to iso 10545-1 Test superato in accordo con iso 10545-1 Test ueberstanden nach ISO 10545-1 Pv en accord avec norme en 10545-1	<p>Resistant Resistente Widerstandsfähig Résistant</p>
	Frost resistance Resistenza al gelo Frostbeständigkeit Résistance au gel	EN ISO 10545-12	*Pass according to iso 10545-1 Test superato in accordo con iso 10545-1 Test ueberstanden nach ISO 10545-1 Pv en accord avec norme en 10545-1	<p>Resistant Resistentw Widerstandsfähig Résistant</p>
	Resistance to low concentrations of acids and alkali Resistenza a basse concentrazioni di acidi e alcali Beständigkeit gegen schwach konzentrierten Säuren und Laugen Résistance à des basses concentrations d'acides et bases	EN ISO 10545-13	*Declared value Valore dichiarato Angegebener Wert Valeur déclarée	<p>From GLA to GLB Da GLA a GLB Von GLA bis GLB De GLA jusqu'à GLB</p>
	Resistance to high concentrations of acids and alkali Resistenza ad alte concentrazioni di acidi e alcali Beständigkeit gegen stark konzentrierten Säuren und Laugen Résistance à des hautes concentrations d'acides et bases	EN ISO 10545-13	*Declared value Valore dichiarato Angegebener Wert Valeur déclarée	<p>From GHA to GHB Da GHA a GHB Von GHA bis GHB De GHA jusqu'à GHB</p>
	Resistance to domestic chemicals and additives for swimming pools Resistenza ai prodotti chimici di uso domestico e agli additivi per piscina Beständigkeit gegen chemischen Haushaltsreiniger und Zusatzstoffe für Schwimmbäder Résistance aux prod. chimiques d'usage domestique et additifs pour piscines	EN ISO 10545-13	GB min.	<p>GA</p>
	Stain resistance of glazed porcelain Resistenza alle macchie di piastrelle smaltate Fleckenbeständigkeit von glasierten Fliesen Résistance aux taches des carreaux émaillés	EN ISO 10545-14	*Classe 3 min Gruppe 3 min. Classe 3 min	<p>CLASSE 5</p>
	Glaze crazing resistance Determinazione della resistenza al cavillo Glasurhaarrißbeständigkeit Résistance aux taches	EN ISO 10545-11	Required Richiesta Gefordert Requise	<p>Resistant Resistente Widerstandsfähig Résistant</p>
	Friction coefficient (Slipperiness) Coefficiente di attrito (Scivolosità) Reibungskoeffizient (Schlupfrigkeit) Coefficient de friction (Glissement)	DIN 51130 ANSI A137.1 (DCOF)	*Declared value Valore dichiarato Angegebener Wert Valeur déclarée	<p>R10 matt  &gt;0,42</p>

Valid for **BETONEPOQUE, BETONSQUARE**












TECHNICAL FEATURES UNGLAZED PORCELAIN STONEWARE MOSAICS

CONFORMING TO EUROPEAN STANDARDS EN 14411 ISO 13006 ANNEX G (GROUP BIA UGL Eb ≤ 0,5%)

CARATTERISTICHE TECNICHE GRÈS PORCELLANATO TUTTA MASSA Conformi a Norme Europee EN 14411 ISO 13006 Appendice G (Gruppo Bia UGL Eb ≤ 0,5%)

TECHNISCHE EIGENSCHAFTEN FEINSTEINZEUG DURCHGEFÄRBT Gemäß den Europäischen Normen EN 14411 ISO 13006 Appendix G (Gruppe Bia UGL Eb ≤ 0,5%)

CARACTERISTIQUES TECHNIQUES GRÈS CERAME PLEIN MASSE Conformes aux Normes Européennes EN 14411 ISO 13006 Appendice G (Groupe Bia UGL Eb ≤ 0,5%)

	TECHNICAL FEATURES CARATTERISTICHE TECNICHE TECHNISCHE DATEN CARACTERISTIQUE TECHNIQUE	TESTING METHOD METODICA DI PROVA PRÜFVERFAHREN NORME D'ESSAIS	REFERENCE STANDARD RIFERIMENTO NORMA STANDARDWERT RÉFÉRENCE NORME	TEST RESULTS VALORE PRODOTTO PRODUKT WERTE VALEUR PRODUIT
	Water absorption Assorbimento d'acqua Wasseraufnahme Absorption d'eau	EN ISO 10545-3	Eb ≤ 0,5%	<p>Compliant Conforme Erfüllt Conforme</p>
	Abrasion resistance Resistenza all'abrasione Abriebbeständigkeit Résistance à l'abrasion	EN ISO 10545-6	175 mm <sup>3</sup> max	<p>Compliant Conforme Erfüllt Conforme</p>
	Thermal expansion coefficient Coefficiente di dilatazione termica lineare Wärmeausdehnung Coefficient de dilatation thermique linéaire	EN ISO 10545-8	*Declared value Valore dichiarato Angegebener Wert Valeur déclarée	<p>≤9 MK-1</p>
	Thermal shock resistance Resistenza agli sbalzi termici Temperaturwechselbeständigkeit Résistance aux écarts de température	EN ISO 10545-9	*Pass according to iso 10545-1 Test superato in accordo con iso 10545-1 Test ueberstanden nach ISO 10545-1 Pv en accord avec norme en 10545-1	<p>Resistant Resistente Widerstandsfähig Résistant</p>
	Frost resistance Resistenza al gelo Frostbeständigkeit Résistance au gel	EN ISO 10545-12	*Pass according to iso 10545-1 Test superato in accordo con iso 10545-1 Test ueberstanden nach ISO 10545-1 Pv en accord avec norme en 10545-1	<p>Resistant Resistente Widerstandsfähig Résistant</p>
	Resistance to low concentrations of acids and alkali Resistenza a basse concentrazioni di acidi e alcali Beständigkeit gegen schwach konzentrierten Säuren und Laugen Résistance à des basses concentrations d'acides et bases	EN ISO 10545-13	*Declared value Valore dichiarato Angegebener Wert Valeur déclarée	<p>From ULA to ULB Da ULA a ULB Von ULA bis ULB De ULA jusqu'à ULB</p>
	Resistance to high concentrations of acids and alkali Resistenza ad alte concentrazioni di acidi e alcali Beständigkeit gegen stark konzentrierten Säuren und Laugen Résistance à des hautes concentrations d'acides et bases	EN ISO 10545-13	*Declared value Valore dichiarato Angegebener Wert Valeur déclarée	<p>From UHA to UHB Da UHA a UHB Von UHA bis UHB De UHA jusqu'à UHB</p>
	Resistance to domestic chemicals and additives for swimming pools Resistenza ai prodotti chimici di uso domestico e agli additivi per piscina Beständigkeit gegen chemischen Haushaltsreiniger und Zusatzstoffe für Schwimmbäder Résistance aux prod. chimiques d'usage domestique et additifs pour piscines	EN ISO 10545-13	UB min.	<p>UA</p>
	Stain resistance of unglazed porcelain Resistenza alle macchie di piastrelle non smaltate Fleckenbeständigkeit von unglasierten Fliesen Résistance aux taches des carreaux non émaillés	EN ISO 10545-14	*Declared value Valore dichiarato Angegebener Wert Valeur déclarée	<p>CLASSE 5</p>
	Colors resistance to light Resistenza dei colori alla luce Lichtbeständigkeit Résistance des couleurs à la lumière	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.	<p>No alteration after testing Materiale inalterato dopo il test. Keine Veränderung nach dem Test. Aucune alteration relevée</p>
	Friction coefficient (Slipperiness) Coefficiente di attrito (Scivolosità) Reibungskoeffizient (Schlupfrigkeit) Coefficient de friction (Glissement)	DIN 51130 ANSI A137.1 (DCOF)	*Declared value Valore dichiarato Angegebener Wert Valeur déclarée	<p>R10  &gt;0,42</p>

Valid for **BETONSQUARE MOSAICS**





TECHNICAL SPECIFICATIONS OF WHITE-BODY WALL TILES

CONFORMING TO EN 14411 ISO 13006 STANDARDS ANNEX L GROUP BIII GL EB > 10%

CARATTERISTICHE TECNICHE RIVESTIMENTI IN PASTA BIANCA Conformi a norme en 14411 iso 13006 Appendice L Gruppo BIII gl eb > 10%

TECHNISCHE EIGENSCHAFTEN FÜR WANDFLIESEN AUS WEISSER MASSE NACH en 14411 iso 13006 Appendix L Gruppe BIII gl eb > 10%

CARACTÉRISTIQUES TECHNIQUES DES REVÊTEMENTS EN PÂTE BLANCHE Conformes aux normes en 14411 iso 13006 Appendice L Groupe BIII gl eb > 10%

	TECHNICAL FEATURES CARATTERISTICHE TECNICHE TECHNISCHE DATEN CARACTÉRISTIQUE TECHNIQUE	TESTING METHOD METODICA DI PROVA PRÜFVERFAHREN NORME D'ESSAIS	TEST RESULTS VALORE PRODOTTO PRODUKT WERTE VALEUR PRODUIT
	Water absorption Assorbimento d'acqua Wasseraufnahme Absorption d'eau	UNI EN ISO 10545-3	AA>10% GRUPPO BIII
	Modulus of rupture Resistenza alla flessione Biegefestigkeit Résistance à la flexion	UNI EN ISO 10545-4	RM>150Kg/cm <sup>2</sup>
	Glaze crazing resistance Determinazione della resistenza al cavillo Glasurhaarrißbeständigkeit Résistance aux taches	UNI EN ISO 10545-11	Resistant Resiste Widerstandsfähig Résistant
	Chemical resistance Resistenza ai prodotti chimici Chemikalienbeständigkeit Résistance aux produits chimiques	UNI EN ISO 10545-14 UNI EN ISO 10545-13	Conforming Conforme Erfüllt Conforme

Valid for **BETONBRICK Wall**

# 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)





"Stay hungry, stay foolish."

S. Jobs 1955-2011

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