

TIERRAS

design Patricia Urquiola



MU
TIN
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TIERRAS INDUSTRIAL / sizes

design Patricia Urquiola 2014

production industrial

material gres porcellanato non smaltato ad impasto omogeneo

unglazed homogeneous porcelain stoneware

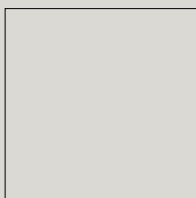
features lastre squadrate e rettificate ognuna esattamente

uguale all'altra - squared and rectified slabs each one exactly the same as the others

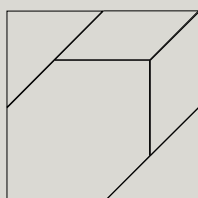
thickness 12mm

*misure nominali - nominal sizes

sizes



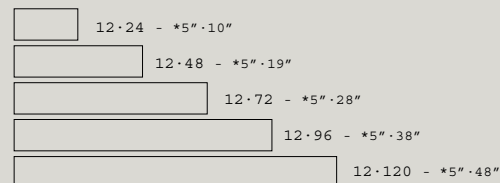
120·120
*48"·48"



trio 120·120
*48"·48"



30·120
*12"·48"



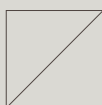
line



frame
20·30 - * 8"·12"



60·60
*24"·24"



half square
60·60 - *24"·24"



20·30
*8"·12"



15·20
*6"·8"

complementary pieces

gradone 30·120·4,5 - step * 12"·48"·1 7/8"

angolare 30·120·4,5 - corner tile * 12"·48"·1 7/8"

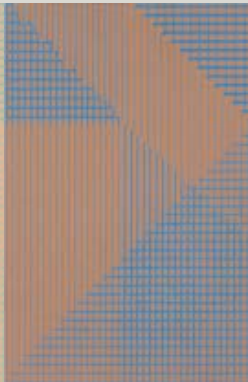
battiscopa 3,8·60 - skirting * 2"·24"

TIERRAS INDUSTRIAL / colours

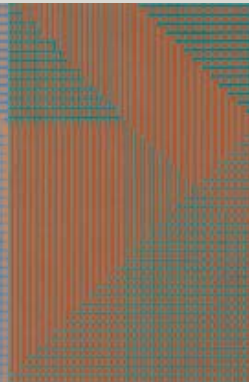
frame blush



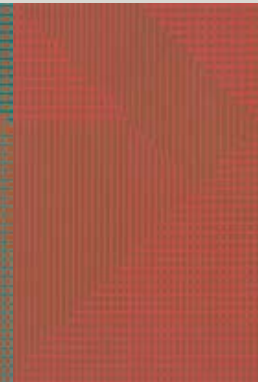
frame sand



frame rust



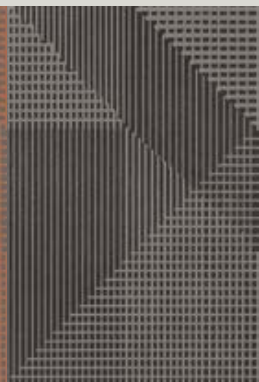
frame brick



frame ash



frame humus



blush



sand



rust



brick



ash



humus



TIERRAS INDUSTRIAL / triomix

120x120 - * 48"x48"

Ogni set è composto da 3 moduli non vendibili separatamente.
Each set is composed by 3 patterns not singularly sold.



triomix 1 sand/rust/brick



triomix 2 blush/sand/brick

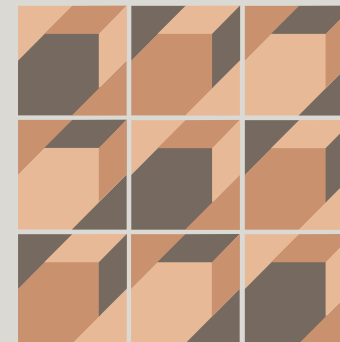
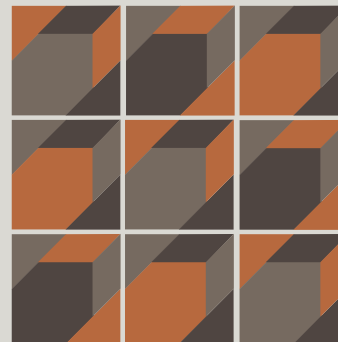
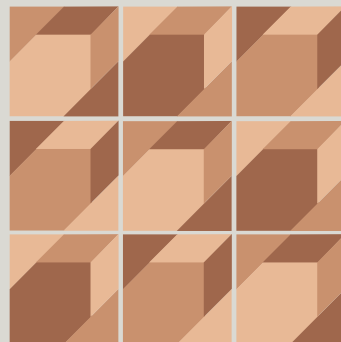
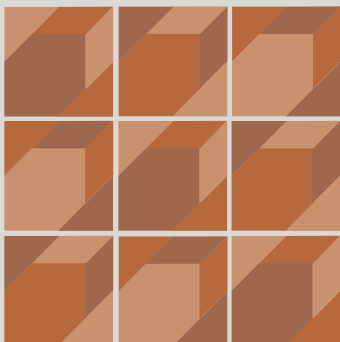


triomix 3 ash/humus/rust

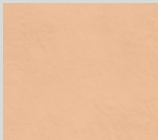
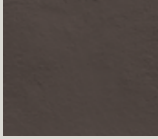


triomix 4 blush/sand/ash

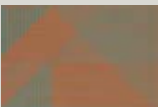
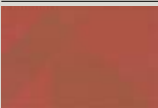
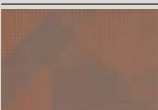
Posa consigliata - Posa consigliata



TIERRAS INDUSTRIAL / stucchi - grouts

tierras colours	stucco in tono matching grout	*stucco a contrasto *recommended contrast grout
		
blush	blush 35	*Kerakoll 41 Colors Eucalipto
		
sand	sand 80	*Kerakoll 47 Colors Mediterraneo
		
rust	rust 20	*Mapei Ultracolor Plus 171 Turchese
		
brick	brick 70	*Kerakoll 21 Colors Rosso
		
ash	ash 10	brick 70
		
humus	humus 15	ash 10

FRAME / stucchi - grouts

frame colours	*stucco a contrasto *recommended contrast grout
	
blush	*Kerakoll 41 Colors Eucalipto
	
sand	*Kerakoll 47 Colors Mediterraneo
	
rust	*Mapei Ultracolor Plus 171 Turchese
	
brick	*Kerakoll 21 Colors Rosso
	
ash	brick 70
	
humus	ash 10

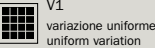
* stucchi
reperibili
sul mercato
grouts
available
on the market

TIERRAS INDUSTRIAL / technical features

norma standard	caratteristiche features	valore prescritto value required	tierras
ISO 10545/2	DIMENSIONI - SIZES lunghezza e larghezza - length and width spessore - thickness rettilinearità degli spigoli - straightness of edges ortogonalità - wedging planarità - flatness	± 0,6% ± 5% ± 0,5% ± 0,6% ± 0,5%	conforme in conformity with standard
ISO 10545/3	assorbimento d'acqua water absorption	<0,5%	0,06%
ASTM C373		<0,5%	0,06%
EN 101	durezza superficiale (scala mohs) surface hardness (scala mohs)	> 5	8
ISO 10545/9	resistenza agli sbalzi termici resistance to thermal shock	nessuna alterazione visibile no visible alteration	resiste resistant
ASTM C484		no samples must show visible defects	unaffected
ISO 10545/12	resistenza al gelo frost resistance	nessuna alterazione visibile no visible alteration	resiste resistant
ASTM C1026		unaffected	unaffected
ISO 10545/13	resistenza agli attacchi chimici resistance to chemical attacks	nessuna alterazione visibile no visible alteration	resiste resistant
ASTM C650			unaffected
ISO 10545/4	resistenza alla flessione breaking strength	≥35 N/mm2	58,7 N/mm2
DIN 51130 - 04		valori medi 6° ÷ 10° 10° ÷ 19° 19° ÷ 27° 27° ÷ 35° > 35°	R9 R10 R11 R12 R13
			R10
ASTM C1028		> 0,60	dry 0,85 wet 0,78
ISO 10545/14	resistenza alle macchie stains resistance	≥ classe 3	5

TIERRAS INDUSTRIAL / packing

formato size	pz-mq pcs-sqm	mq-pz sqm-pcs	pz-pal. pcs-pal	kg-pz kg-pcs	kg-pal. kg-pal.	mq-pal sqms-pal	
120-120	0,69	1,44	36	38,50	1386	51,84	
	set-mq set-sqm	pz-scat. pcs-box	mq-set. sqm-set	set-pal. set-pal.	kg-set. kg-set	kg-pal. kg-pal.	mq-pal sqms-pal
trio 120-120	0,69	1set=5pz	1,44	18	39,00	702	25,92
triomix 120-120	0,23	1set=15pz	4,32	6	117,00	702	25,92
	pz-mq pcs-sqm	pz-scat. pcs-box	mq-scat. sqm-box	scat-pal. box-pal.	kg-scat. kg-box	kg-pal. kg-pal.	mq-pal sqms-pal
30-120	2,78	2	0,72	48	19,50	936	34,56
60-60	2,77	3	1,08	32	29,20	935	34,56
20-30	16,67	8	0,48	64	13,00	832	30,72
15-20	33,33	20	0,60	45	15,00	675	27,00
half square	5,55	4	0,72	36	19,50	702	25,92
line	2,32	1set=5pz	0,43	65	11,70	761	27,95
gradone 33-120-4,5	-	2	2,4 ml	-	-	-	-
angolare 33-120-4,5	-	2	2,4 ml	-	-	-	-
battiscopa 3,8-60	-	10	6 ml	-	5,00	-	-
frame 20-30	16,67	8	0,48	51	13,00	663	24,48



TIERRAS

ARTISANAL

little L

base

big roman

little roman

bis-cotto

Tierras è **tradizione artigianale**. Mutina e Patricia Urquiola hanno voluto riproporre tecniche di lavorazione artigianali proprie della **terracotta**. Il desiderio di uscire dalla bidimensionalità propria del rivestimento murario, si traduce nella sperimentazione della tridimensionalità del laterizio, dando forma a nuovi elementi di design ad alto contenuto estetico-funzionale con infinite soluzioni applicative per **indoor e outdoor**. Tierras è design artigianale, 5 nuove superfici tridimensionali in terracotta naturale prodotta per trafilatura: **Little Roman, Big Roman, Bis-cotto, Little L e Base**. Elementi che emergono dalla terra, imperfetti e materici, segnati dalla mano dell'uomo e dal passare del tempo. Tegole, mattoni, mattoni forati e gelosie vengono smontati, destrutturati e reinterpretati in una chiave nuova, conservando un'anima tradizionale.

Tierras is **handmade tradition**. Mutina and Patricia Urquiola wanted to reprise the traditional artisanal production process typical of **terracotta**. The wish to exit from two-dimensional spaces typical of standard wall covering, is translated into the experimentation of three-dimensional bricks, which gives shape to new design elements, whose high aesthetic-functional content enables limitless solutions for **indoor and outdoor spaces**. Tierras is handmade design, 5 three-dimensional surfaces made by extruded natural terracotta: **Little Roman, Big Roman, Bis-cotto, Little L and Base**. Elements which come out from earth, imperfect and solid, marked by the hand of man and by time passing. Roof tiles, bricks, hollow bricks and partition walls are undone, unstructured and re-interpreted in a new way, keeping a traditional touch.

LITTLE L

Little L conserva la memoria del mattone posato sia di testa che di taglio, qui concepito in un unico elemento. Una semplice forma, allo stesso tempo molto versatile. Ideale per rivestire le pareti, permette innumerevoli soluzioni di posa creando superfici tridimensionali caratterizzate da giochi di luci e di ombre, risultati enfatizzati dalla presenza della versione lucida smaltata che aggiunge calore e colore agli ambienti, rendendo l'atmosfera più luminosa.

Little L maintains the memory of the brick laid either frontally or edgewise, here conceived as a single element: a simple shape, very versatile at the same time, it is ideal to cover walls. It enables countless laying solutions, to create three-dimensional surfaces, characterized by plays of light and shadow, effects which are enhanced by the glossy glazed version, which adds warmth and colour to the spaces, making the atmosphere lighter.

TIERRAS ARTISANAL / little L

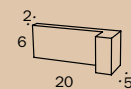
design Patricia Urquiola 2014

production artisanal

material terracotta trafilata smaltata - glazed extruded terracotta

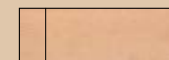
*misure nominali - nominal sizes

little L

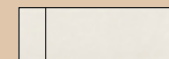


6 · 20 · 5 · 2
* 2" · 8" · 1 31/32" · 0,78"

little L colours



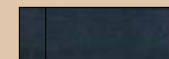
sand



white



orange



dark blue

norma standard

UNI EN ISO 10545-3

caratteristiche features

assorbimento d'acqua
water absorption

little L sand

9,86

Prodotto già trattato con protettivo idrorepellente / Product already treated with water repellent

BASE

Base, concepita in terracotta naturale e nelle varianti lucide smaltate, rievoca il mattone posato di taglio. È un elemento molto versatile, in abbinamento a Little L per arricchire gli effetti volumetrici in parete. Proposto come pavimento rappresenta invece un'alternativa più artigianale e 'romantica'. Una collezione nella collezione.

Base, conceived in natural terracotta and in the glossy glazed versions, evokes the brick installed sideways. It is a very versatile element, which combined with Little L enhances the volume effects on the wall. If proposed as a floor covering tile, it represents a more artisanal and "romantic" alternative: a collection within the collection.

TIERRAS ARTISANAL / base

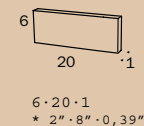
design Patricia Urquiola 2014

production artisanal

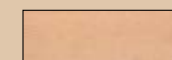
material terracotta trafilata smaltata - glazed extruded terracotta

*misure nominali - nominal sizes

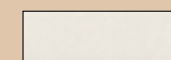
base



base colours



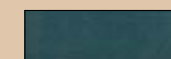
sand



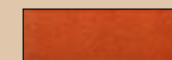
white



orange



blue green



red



dark blue

norma standard	caratteristiche features	base sand
UNI EN ISO 10545-3	assorbimento d'acqua water absorption	8,17

Prodotto già trattato con protettivo idrorepellente / Product already treated with water repellant

BIG ROMAN LITTLE ROMAN

Le gelosie Little Roman e Big Roman, per la loro forma, rievocano il sistema di numerazione romano. La sequenza con cui vengono posati, singolarmente o miscelati, crea filtri dinamici e unici.

Because of their shape, the partition elements Big Roman and Little Roman evoke the Roman numbering system. The structure followed for their separate or mixed installation creates dynamic and unique partitions.

TIERRAS ARTISANAL / big roman - little roman

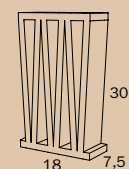
design Patricia Urquiola 2014

production artisanal

material terracotta trafilata - extruded terracotta

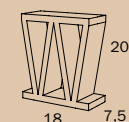
*misure nominali - nominal sizes

big roman

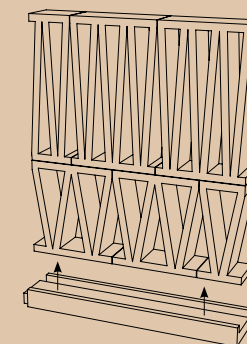


18·30·7,5
* 7"·12"·3"

little roman



18·20·7,5
* 7"·8"·3"



Per facilitare il montaggio di questi elementi è disponibile Mutina sigillante, un sigillante organico eco-compatibile acquistabile separatamente.

To make the installation of these items easier, a Mutina sealant is now available: an organic and eco-friendly sealing material, which is sold separately.

Elementi non strutturali divisori di spessore inferiore a 10 cm. Gli elementi devono in ogni caso rispettare le norme tecniche in materia di costruzioni vigenti nel paese di utilizzo. Per il territorio nazionale italiano, in particolare, i paragrafi 7.2.3 e 3.1.4.1 della norma NTC 2008 (Dm Infrastrutture 14.01.08 e circolare 02.02.09 n.617/C.S.LLPP) - Non-structural partition elements, less than 10 cm thick. The elements must in any case comply with the technical standards of construction regulation, applicable in the country where they are installed. For the Italian national territory, in particular, they should comply with the paragraphs 7.2.3 and 3.1.4.1 of the standard NTC 2008 (Dm Infrastructure 14:01:08 and 02:02:09 circular 617 / C.S.LLPP)

norma standard	caratteristiche features	big roman / little roman
UNI EN ISO 10545-3	assorbimento d'acqua water absorption	9,80

Prodotto non trattato - Not treated product

BIS-COTTO

Bis-cotto rappresenta l'evoluzione sofisticata della gelosia tradizionale. La tegola entra in casa andando a sostituire il mattone. Da involucro diventa setto, assumendo il ruolo di elemento decorativo. Bis-cotto nasce da questo concetto: un modulo dal design innovativo, caratterizzato da forme morbide che incastrandosi genera un disegno dinamico, dato dall'alternarsi di pieni e di vuoti. Ne derivano composizioni 'gentili' che superano le classiche gelosie tradizionali. Rappresenta un'alternativa ideale per realizzare elementi di separazione, conferendo all'ambiente un'elevata valenza estetica.

Bis-cotto represents the sophisticated evolution of the traditional parting wall. The roof tile enters the house to replace the bricks: from building wrapping to septum, adopting the role of a decorative element. Bis-cotto comes from this idea: a unit with an innovative design, characterized by soft shapes which stuck in one another to generate a dynamic pattern, created by the alternating of solid and voids. "Gentle" compositions are shaped, which overcome the traditional wall partitions. Bis-cotto represents the ideal alternative to realize separating elements, giving the space a very high aesthetic value.

TIERRAS ARTISANAL / bis-cotto

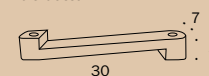
design Patricia Urquiola 2014

production artisanal

material terracotta trafilata - extruded terracotta

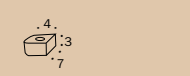
*misure nominali - nominal sizes

bis-cotto

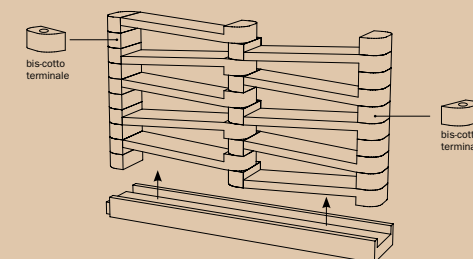


3 · 30 · 7
* 1 1/2" · 12" · 3"

bis-cotto terminale



3 · 4 · 7
* 1 1/2" · 1 1/2" · 3"



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norma standard	caratteristiche features	bis-cotto
UNI EN ISO 10545-3	assorbimento d'acqua water absorption	9,80

Prodotto non trattato - Not treated product

TIERRAS ARTISANAL / complementary pieces

PROFILO IN ABETE TRATTATO - PROFILE IN TREATED FIR WOOD

per Big roman, Little roman e Bis-cotto / for Big roman, Little roman e Bis-cotto

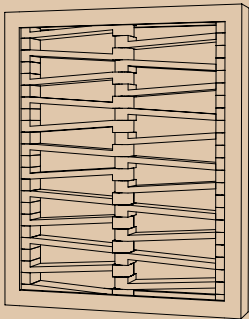
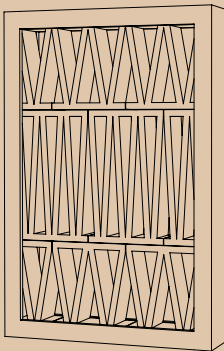
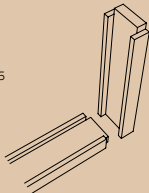
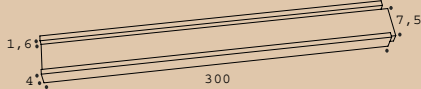
material Profilo di abete trattato (adatte anche per uso esterno) con una estremità sagomata per facilitarne il montaggio ad incastro. Fir wood profile (also suitable for outdoor use) with one shaped end to make the clamping easier.

use Big roman, Little roman e Bis-cotto sono prodotti artigianali non trattati. Per ottenere un risultato estetico e funzionale ottimale, si consiglia di montare questi elementi impiegando il profilo in legno di abete trattato almeno per il posizionamento a terra. Big roman, Little roman and Bis-cotto are handmade untreated products. To obtain the best aesthetic and functional results, we recommend you to mount these elements using this profile in treated fir wood at least for the placing on the ground.

sizes

10·300·4
* 4"·118"·2"

sezione
section



MUTINA SIGILLANTE / MUTINA SEALANT

per Big roman, Little roman e Bis-cotto / for Big roman, Little roman e Bis-cotto

material sigillante organico eco-compatibile esente da solventi prodotto da Kerakoll in esclusiva per Mutina - eco-friendly neutral silane sealant with reduced solvent content product from Kerakoll exclusively for Mutina.

features Mutina sigillante sviluppa un'elevata adesione su tutti i materiali senza l'utilizzo di primer ed un'elasticità permanente su superfici assorbenti e inassorbenti. Mutina sealant develops a high level of adhesion on all materials without the use of primers and permanent elasticity on absorbent and non-absorbent surfaces.

use In interno, esterno e per sigillature di elementi costruttivi - suitable for indoor and outdoor use, it gives waterproof sealing of construction elements.



TIERRAS ARTISANAL / packing

articolo item	pz-mq pcs-sqm	pz-scat. pcs-box	mq-scat. sqm-box	scat.-pal. box-pal.	kg-scat. kg-box	kg-pal. kg-pal.	mq-pal sqms-pal
big-roman	18,52	5	0,27	48	20,00	960	12,96
little roman	27,78	5	0,18	72	11,00	792	12,96
bis-cotto	70	30	0,43	48	22,90	1100	20,64
bis-cotto terminale	17	20	-	-	3,20	-	-
little L	83,33	32	0,38	56	19	1064	21,28
base	83,33	56	0,67	64	14,30	915	42,88

