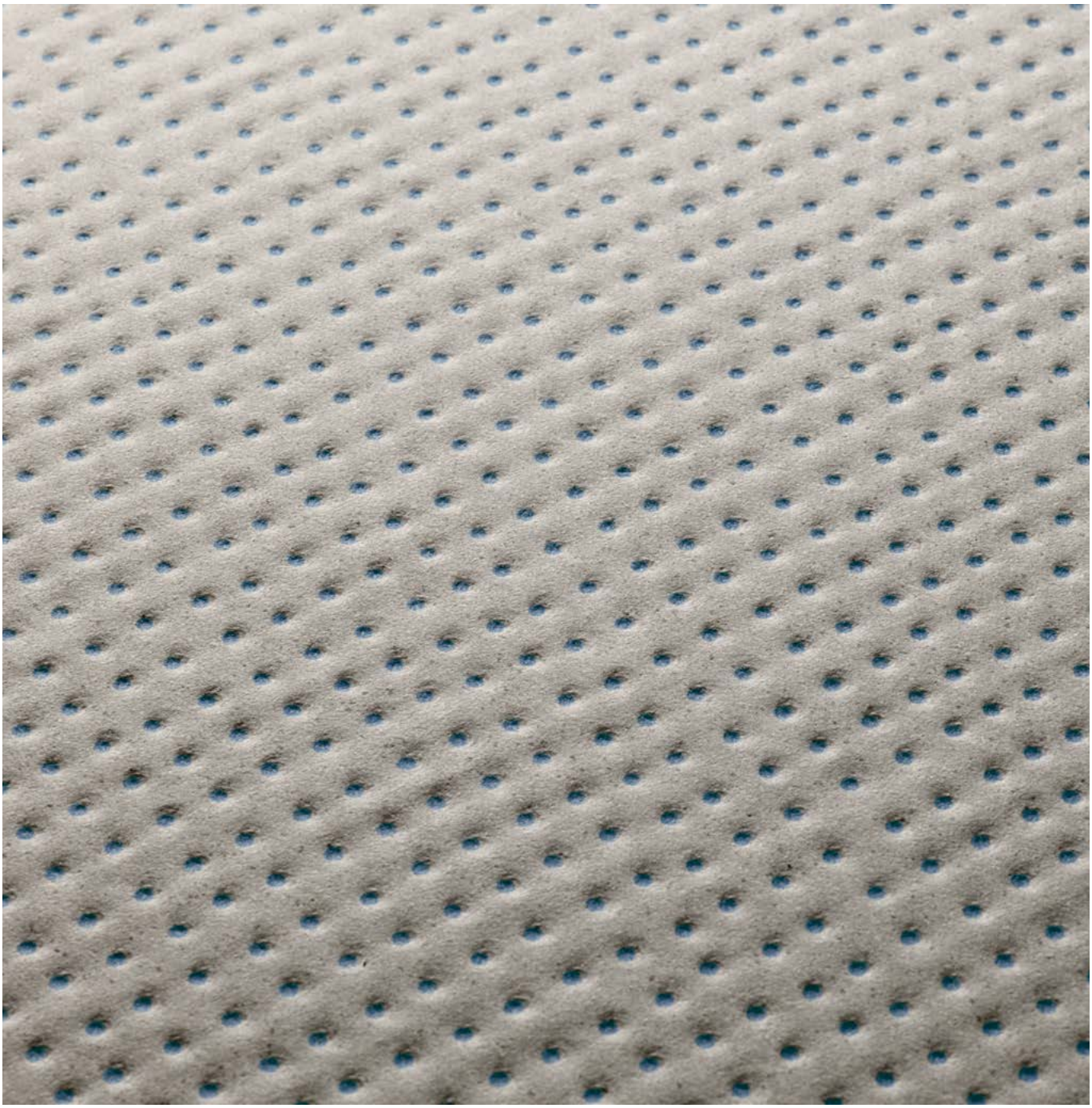
MUTINA

Pico
by Ronan & Erwan Bouroullec



IT

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Imballo

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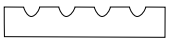
Divisione Contract
arch@mutina.it



Informazioni generali

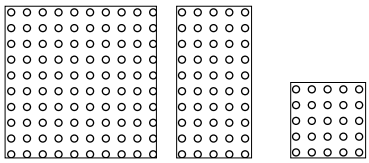
collezione	Pico
design	Ronan & Erwan Bouroullec, 2011 – 2015 – 2021
produzione	Industriale
materiale	Gres porcellanato non smaltato ad impasto omogeneo
caratteristiche	Lastre squadrate e rettificate ognuna esattamente uguale all'altra
spessore	12 mm 10,5 mm
formato nominale	120·120 cm (47"· 47") 60·120 cm (24"· 47") 60·60 cm (24"· 24")
specifiche	– 4 colori di base: Blanc, Gris, Argile, Satin – 2 texture con puntini in rilievo e basso rilievo di 1,5 mm (UP e DOWN) – Mix di argille colorate per raggiungere un effetto materico e naturale – Decorazione per serigrafia (senza stampa digitale) con puntini colorati perfettamente centrati – Processo di pressatura con tecnologia Continua dopo la decorazione
pezzi speciali	Gradone, Angolare, Battiscopa
premi	Red Dot Design Award 2012, Selected for Adi Design Index 2012
brevetti	Modello depositato n° 001912999-0011 – data di deposito: 06/09/2011
categoria	UNI EN 14411 App G (BIA group) UGL

PICO DOWN



sezione

down natural

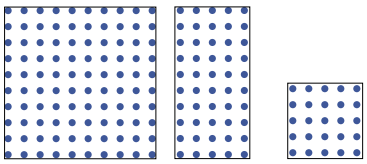


120·120 cm
47"· 47"

60·120 cm
24"· 47"

60·60 cm
24"· 24"

blue dots

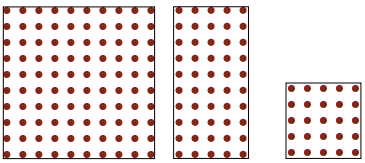


120·120 cm
47"· 47"

60·120 cm
24"· 47"

60·60 cm
24"· 24"

red dots



120·120 cm
47"· 47"

60·120 cm
24"· 47"

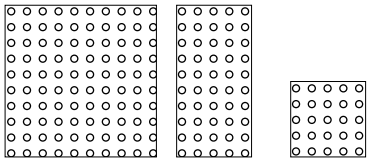
60·60 cm
24"· 24"

PICO UP



sezione

up natural

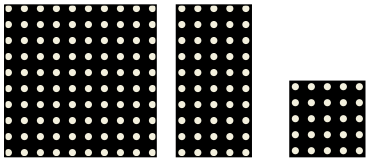


120·120 cm
47"· 47"

60·120 cm
24"· 47"

60·60 cm
24"· 24"

up



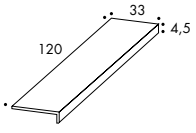
120·120 cm
47"· 47"

60·120 cm
24"· 47"

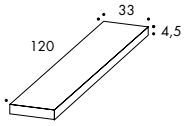
60·60 cm
24"· 24"

pezzi speciali

gradone
33·120·4,5 cm
13"· 47"·1 7/8"

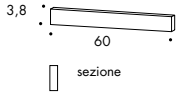


angolare
33·120·4,5 cm
13"· 47"·1 7/8"



battiscopa
3,8·60 cm
2"·24"

disponibile solo
nella finitura down natural



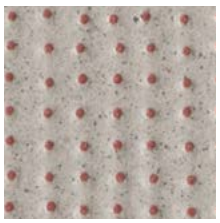
Consigli di posa e manutenzione

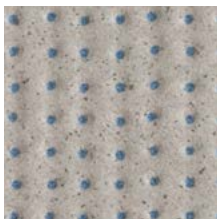
destinazione d'uso	Pavimento, rivestimento – interno, esterno.
consigli di posa	Per realizzare una buona armonia dei toni della posa in opera, si consiglia di prelevare il materiale alternativamente da più scatole. Nel formato 120x120 si consiglia la tecnica della doppia spalmatura.
collante consigliato	Colla per gres porcellanato.
fuga consigliata	2 mm. Utilizzare i cunei distanziatori per correggere le differenze di calibro tra le piastrelle.
stucco consigliato	Stucco cementizio /stucco epossidico. Rimuovere bene i residui di stucco prima che essicchi completamente. Scarica la tabella stucchi.
consigli di pulizia fine cantiere	STUCCO CEMENTIZIO: Acido tamponato (es. DETERDEK PRO di FILA, o similari). Bagnare il pavimento con acqua, diluire il prodotto 1:5 con acqua e versare sul pavimento. Aspettare 2 o 3 minuti poi utilizzare scotch Brite bianco e risciacquare bene con acqua pulita. STUCCO EPOSSIDICO: Detergente alcalino (es. FILA CR10 o similari). FILA CR10: da applicare puro, lasciare agire circa 30 minuti e utilizzare lo scotch Brite verde. SILICONE: Solvente per silicone (es. FILA ZERO SIL) da versare puro direttamente sulla macchia, attendere 20 minuti e sempre con l'utilizzo di scotch Brite rimuovere l'alone. PITTURA: Di solito si toglie con acqua, ma se sono state utilizzate delle pitture in resina o smalti particolari, meglio chiedere alla ditta produttrice del colore quale sia il solvente più adatto. RUGGINE: Smacchiatore rimuovi ruggine (es. FILA NO RUST.) Applicare il prodotto sulla macchia, lasciare agire 15 minuti circa, asportare il residuo e sciacquare accuratamente.
pulizia generale (piastrelle posate)	Consigliamo l'utilizzo di un detergente neutro diluito in acqua. Evitare l'uso di prodotti acidi o alcalini, cere e/o impregnanti. Durante la pulizia ordinaria si consiglia di utilizzare il meno possibile quanto di più abrasivo (come pagliette e spugne di ferro o acciaio). Questa raccomandazione deve essere rispettata rigorosamente nel caso di piastrelle con una finitura superficiale lucida poiché sono più suscettibili al rischio di graffi, perdita di lucentezza, ecc. In caso di sporco pesante o superfici particolarmente ruvide, utilizzare un detergente alcalino e risciacquare dopo il lavaggio. Per grandi superfici si consiglia l'uso di una macchina lavapavimenti. Durante le procedure di pulizia quotidiane, è necessario ricordare che alcuni tipi di sporco (polvere, sabbia) aumentano l'effetto abrasivo del traffico pedonale. Pertanto si consiglia di posizionare un tappetino all'ingresso.
calibro 09 (misura reale) spessore 12mm	120cm x120cm -> 1190mm x 1190mm 60cm x 60cm -> 594mm x 594mm 60cm x 120cm -> 594mm x 1190mm
calibro I (misura reale) spessore 10,5mm	120cm x120cm -> 1196mm x 1196mm 60cm x 60cm -> 597mm x 597mm 60cm x 120cm -> 597mm x 1196mm

Colori

GRIS


Down Natural

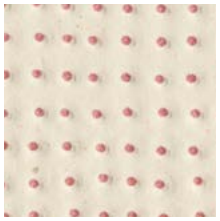

Red Dots

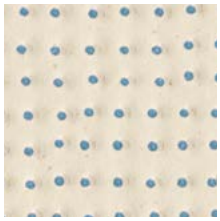

Blue Dots


Up Natural

BLANC


Down Natural


Red Dots


Blue Dots


Up Natural

SATIN

Down Natural


Red Dots

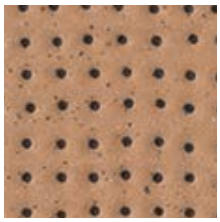

Blue Dots

Up Natural

ARGILE

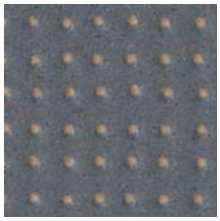

Down Natural


Red Dots


Blue Dots


Up Natural

BLUE


Up Blue

Per informazioni sulle fughe disponibili, contattare l'ufficio commerciale

Specifiche tecniche

NORMA	CARATTERISTICHE	VALORE PRESCRITTO	PICO
ISO 10545/2	DIMENSIONI		
	lunghezza e larghezza spessore rettilineità degli spigoli ortogonalità planarità	± 0,6% ± 5% ± 0,5% ± 0,6% ± 0,5%	conforme
ISO 10545/3	assorbimento d'acqua	< 0,5%	0,06%
ASTM C373		< 0,5%	0,06%
ISO 10545/4	resistenza a flessione e forza di rottura	≥ 35 N/mm	61,2 N/mm^2
ISO 10545/6	resistenza all'abrasione profonda	<175 mm3	conforme
EN 101	durezza superficiale (scala mohs)	> 5	8
ISO 10545/9	resistenza agli sbalzi termici	nessuna alterazione visibile	resiste
ASTM C484		nessun campione deve mostrare difetti visibili	invariato
ISO 10545/12	resistenza al gelo	nessuna alterazione visibile	resiste
ASTM C1026		invariato	invariato
ISO 10545/13	resistenza agli attacchi chimici	nessuna alterazione visibile	resiste
ASTM C650			invariato
ISO 10545/14	resistenza alle macchie	classe 3 min	5
DIN 51130-04	resistenza allo scivolamento	valori medi 6÷10° R9 10÷19° R10 19÷27° R11 27÷35° R12 > 35° R13	UP R11 DOWN R11 SATIN UP R10 SATIN DOWN R9
DIN 51097			UP B DOWN A SATIN UP B SATIN DOWN A
DCOF		> 0,42	UP 0,59 DOWN 0,70 SATIN UP 0,47 SATIN DOWN 0,55
Pendulum BS7976-2			UP 53 dry - 38 wet DOWN 49 dry - 31 wet SATIN UP 58 dry - 29 wet SATIN DOWN 57 dry - 28 wet
LEED CERTIFICATION 4.1			20% materiale riciclato
ENVIROMENTAL MANAGEMENT SYSTEM ISO 14000 E ISO 9001			
QB UPEC			disponibile su richiesta
VOC Emission			disponibile su richiesta
Declaration of Contents			disponibile su richiesta
EPD			disponibile su richiesta
SDS			disponibile su richiesta
BPD3			disponibile su richiesta
HPD			disponibile su richiesta

Imballo

FORMATO	SPESSORE	PZ·MQ	MQ·PZ	PZ·PAL	KG·PZ	KG·PAL	MQ·PAL
120·120 cm	12	0,69	1,44	36	38,30	1379	51,84
	10,50	0,69	1,44	36	35,10	1263,60	51,84

FORMATO	SPESSORE	PZ·MQ	PZ·SCAT	MQ·SCAT	SCAT·PAL	KG·SCAT	KG·PAL	MQ·PAL
60·120 cm	12	1,38	2	1,44	24	38,65	928	34,56
	10,50	1,38	2	1,44	24	34,30	823,20	34,56
60·60 cm	12	2,77	3	1,08	32	29,00	928	34,56
	10,50	2,77	3	1,08	32	26,10	835,20	34,56
gradone 33·120·4,5 cm		–	2	2,40 ml	–	26,00	–	–
angolare 33·120·4,5 cm		–	1	1,20 ml	–	13,50	–	–
battiscopa 3,8·60 cm		–	10	6,00 ml	–	5,00	–	–

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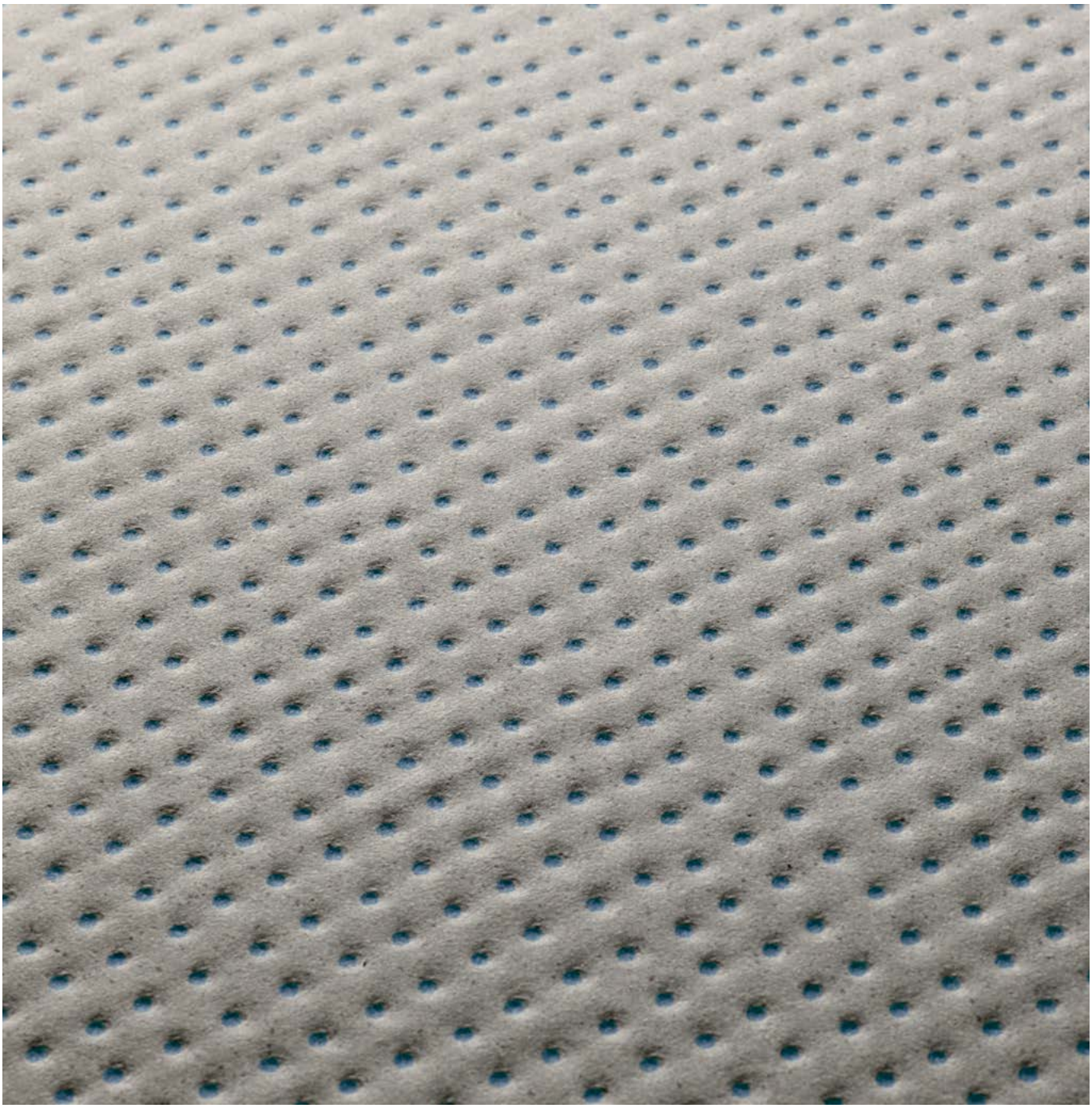

EN

General information
Laying and maintenance tips
Colors
Technical features
Packing

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General information

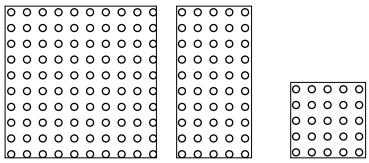
collection	Pico
design	Ronan & Erwan Bouroullec, 2011 – 2015 – 2021
production	Industrial
material	Unglazed homogeneous porcelain stoneware
features	Squared and rectified slabs each one exactly the same as the others
thickness	12 mm 10,5 mm
nominal sizes	120·120 cm (47″· 47″) 60·120 cm (24″· 47″) 60·60 cm (24″· 24″)
specification	– 4 base colours: Blanc, Gris, Argile, Satin – 2 relief and bas-relief 1,5 mm dotted textures (UP and DOWN) – Mixed colour tones clay to achieve a materic and natural feeling – Silk-screen decoration (no digital printing) with perfectly centered colour dots – Continua technology pressing process after decoration
complementary pieces	Step, Corner tile, Skirting
awards	Red Dot Design Award 2012, Selected for Adi Design Index 2012
patents	Registered design n° 001912999-0011 – date of registration: 06/09/2011
category	UNI EN 14411 App G (BIA group) UGL

PICO DOWN



section

down natural

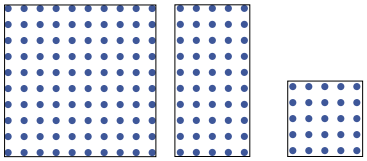


120·120 cm
47″· 47″

60·120 cm
24″· 47″

60·60 cm
24″· 24″

blue dots

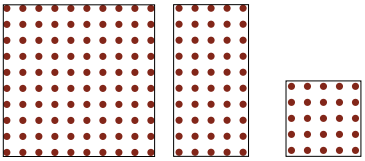


120·120 cm
47″· 47″

60·120 cm
24″· 47″

60·60 cm
24″· 24″

red dots



120·120 cm
47″· 47″

60·120 cm
24″· 47″

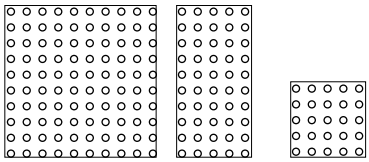
60·60 cm
24″· 24″

PICO UP



section

up natural

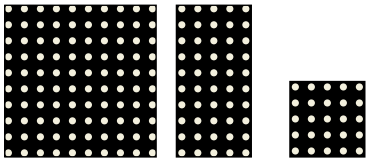


120·120 cm
47″· 47″

60·120 cm
24″· 47″

60·60 cm
24″· 24″

up



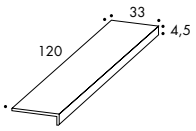
120·120 cm
47″· 47″

60·120 cm
24″· 47″

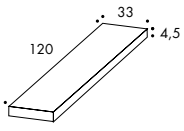
60·60 cm
24″· 24″

complementary pieces

step
33·120·4,5 cm
13″· 47″·1 7/8″

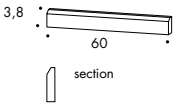


corner tile
33·120·4,5 cm
13″· 47″·1 7/8″



skirting
3,8·60 cm
2″·24″

available only
in down natural



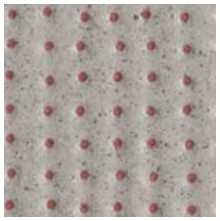
Laying and maintenance tips

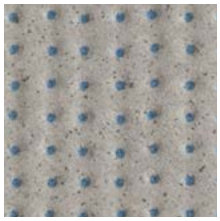
use	Floor, wall – indoor, outdoor.
installation	For an even, smooth shading effect when laying, alternate material from several different boxes. The double spreading technique is recommended for the 120x120 size.
recommended adhesive	Adhesive for porcelain stoneware.
recommended joints	2mm joints. Use wedges to fix the caliber differences in work size between tiles.
recommended fillers	Cement-based grout / epoxy grout. Remove all traces of grout carefully before it dries completely. Download the Grout Tables.
cleaning at the end of installation	CEMENT-BASED GROUT: Buffered acid (e.g. DETERDEK PRO by FILA, or similar). Wet the floor with water, dilute the product 1:5 with water and pour it on the floor. Wait for 2 or 3 minutes then use a white scotch Brite pad and rinse well with clean water. EPOXY GROUT: Alkaline detergent (e.g. FILA CR10 by FILA). FILA CR10: apply pure, wait for 30 minutes then use a green scotch Brite pad. SILICONE: Solvent for silicone (e.g. FILA ZERO SIL.). Pour it straight onto the stain, wait for 20 minutes and remove the mark using scotch Brite. PAINT: Can usually be removed using water, but if resin-based paints or particular enamels have been used, it is best to ask the manufacturer which solvent is most suitable. RUST: stain remover es. FILA NO RUST. Apply the product onto the stain, leave for 15 minutes, remove the residue and rinse thoroughly.
general cleaning (installed tiles)	You are recommended to use ordinary neutral detergent diluted in water. Avoid using acid or alkaline products, waxes and/or impregnants. During ordinary cleaning it is recommended to use extremely abrasive items (such as scourers and iron or steel sponges) as little as possible. This recommendation must be adhered to rigorously in the case of tiles with a glossy surface finishing as they are more susceptible to the risk of scuffs, scratches and loss of shine, etc. In the event of heavy dirt or particularly textured surfaces, use an alkaline detergent and rinse after washing. For large surfaces, the use of a floor washing machine is recommended. During every-day cleaning procedures, it is necessary to remember that certain types of dirt (dust, sand) increase the abrasive effect of foot-traffic. Therefore we recommend that you avoid bringing in this type of dirt, which comes in from the outside, by placing a door-mat at the entrance.
calibers 09 (real size) thickness 12mm	120cm x120cm -> 1190mm x 1190mm 60cm x 60cm -> 594mm x 594mm 60cm x 120cm -> 594mm x 1190mm
calibers I (real size) thickness 10,5mm	120cm x120cm -> 1196mm x 1196mm 60cm x 60cm -> 597mm x 597mm 60cm x 120cm -> 597mm x 1196mm

Colours

GRIS


Down Natural

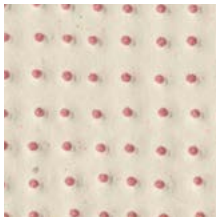

Red Dots

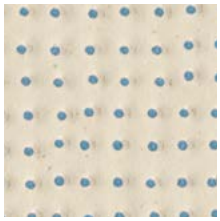

Blue Dots


Up Natural

BLANC


Down Natural


Red Dots


Blue Dots


Up Natural

SATIN


Down Natural


Red Dots

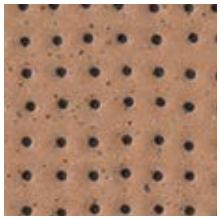

Blue Dots

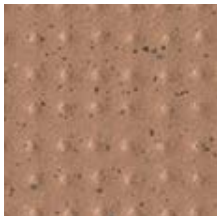
Up Natural

ARGILE

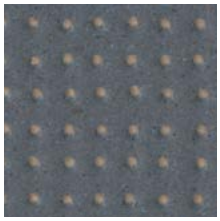

Down Natural


Red Dots


Blue Dots


Up Natural

BLUE


Up Blue

For information about the available grouts, please contact the sales department.

Technical features

STANDARD	FEATURES	VALUE REQUIRED	PICO
ISO 10545/2	SIZES		
	length and width thickness straigthness of edges wedging flatness	± 0,6% ± 5% ± 0,5% ± 0,6% ± 0,5%	in conformity with standard
ISO 10545/3	water absorption	< 0,5%	0,06%
ASTM C373		< 0,5%	0,06%
ISO 10545/4	breaking strength	≥ 35 N/mm	61,2 N/mm^2
ISO 10545/6	resistance to deep abrasion	<175 mm3	in conformity
EN 101	surface hardness (scala mohs)	> 5	8
ISO 10545/9	resistance to thermal shock	no visible alteration	resistant
ASTM C484		no samples must show visible defects	unaffected
ISO 10545/12	frost resistance	no visible alteration	resistant
ASTM C1026		unaffected	unaffected
ISO 10545/13	resistance to chemical attacks	no visible alteration	resistant
ASTM C650			unaffected
ISO 10545/14	stains resistance	minimum 3	5
DIN 51130-04	slip resistance	medium values 6÷10° R9 10÷19° R10 19÷27° R11 27÷35° R12 > 35° R13	UP R11 DOWN R11 SATIN UP R10 SATIN DOWN R9
DIN 51097			UP B DOWN A SATIN UP B SATIN DOWN A
DCOF		> 0,42	UP 0,59 DOWN 0,70 SATIN UP 0,47 SATIN DOWN 0,55
Pendulum BS7976-2			UP 53 dry - 38 wet DOWN 49 dry - 31 wet SATIN UP 58 dry - 29 wet SATIN DOWN 57 dry - 28 wet
LEED CERTIFICATION 4.1			20% recycled material
ENVIROMENTAL MANAGEMENT SYSTEM ISO 14000 E ISO 9001			
QB UPEC			available upon request
VOC Emission			available upon request
Declaration of Contents			available upon request
EPD			available upon request
SDS			available upon request
BPD3			available upon request
HPD			available upon request

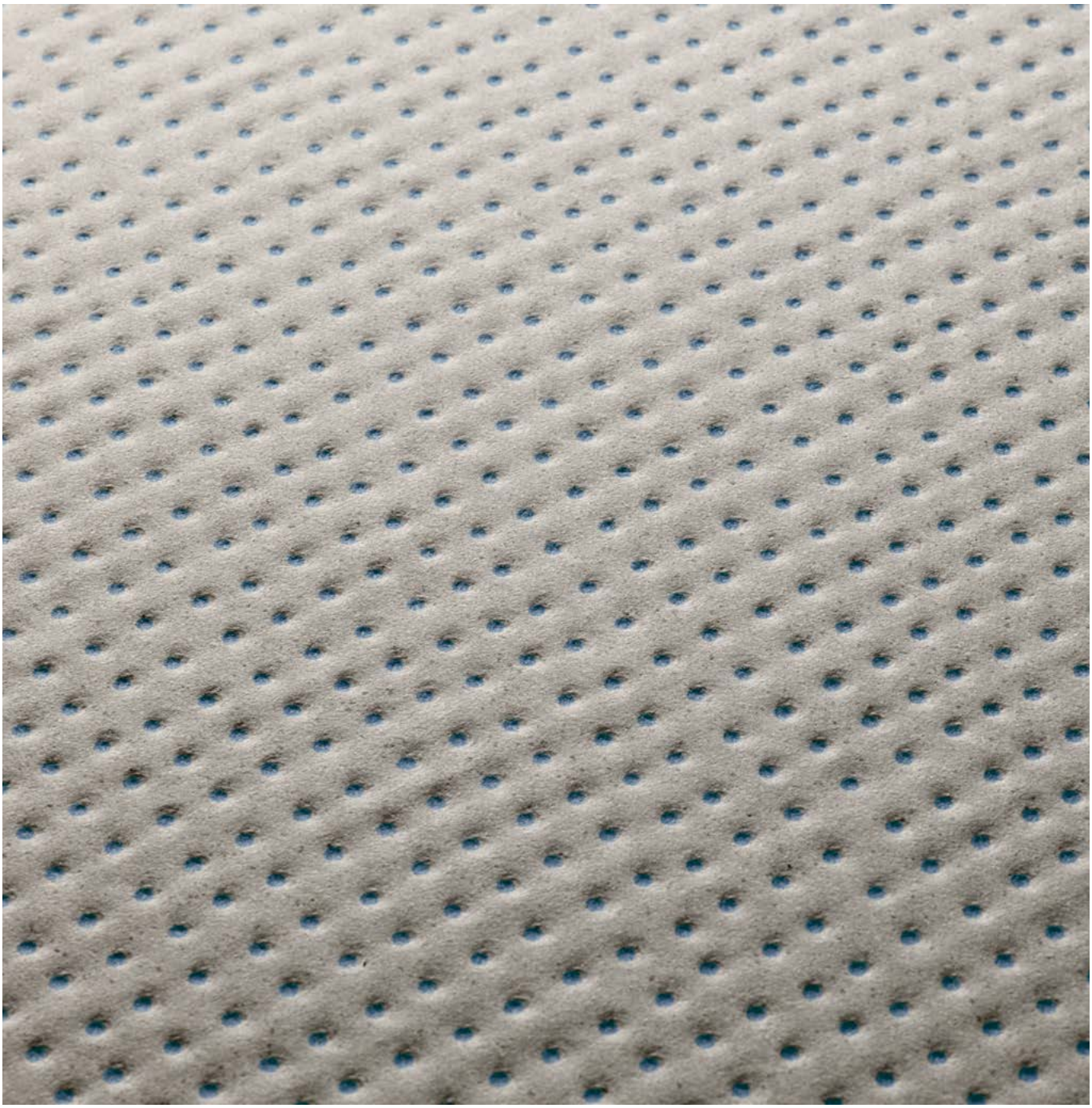
Packing

SIZE	THICKNESS	PCS·SQM	SQM·PCS	PCS·PAL	KG·PCS	KG·PAL	SQM·PAL
120·120 cm	12	0,69	1,44	36	38,30	1379	51,84
	10,50	0,69	1,44	36	35,10	1263,60	51,84

SIZE	THICKNESS	PCS·SQM	PCS·BOX	SQM·BOX	BOX·PAL	KG·BOX	KG·PAL	SQM·PAL
60·120 cm	12	1,38	2	1,44	24	38,65	928	34,56
	10,50	1,38	2	1,44	24	34,30	823,20	34,56
60·60 cm	12	2,77	3	1,08	32	29,00	928	34,56
	10,50	2,77	3	1,08	32	26,10	835,20	34,56
step 33·120·4,5 cm		–	2	2,40 ml	–	26,00	–	–
corner tile 33·120·4,5 cm		–	1	1,20 ml	–	13,50	–	–
skirting 3,8·60 cm		–	10	6,00 ml	–	5,00	–	–

MUTINA

Pico
by Ronan & Erwan Bouroullec



ES

Información general
Consejos de colocación y mantenimiento
Colores
Especificación técnica
Embalaje

Ceramiche Mutina Spa

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T +39 0536812800 F +39 0536812808
info@mutina.it – www.mutina.it

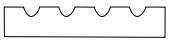
División Contract
arch@mutina.it



Información general

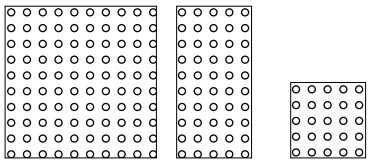
colección	Pico
diseño	Ronan & Erwan Bouroullec, 2011 – 2015 – 2021
producción	Industrial
material	Gres porcelánico no esmaltado
características	Losas escuadradas y rectificadas, cada una exactamente igual que las demás
espesor	12 mm 10,5 mm
tamaño nominal	120·120 cm (47″· 47″) 60·120 cm (24″· 47″) 60·60 cm (24″· 24″)
especificaciones	– 4 colores base: Blanc, Gris, Argile, Satin – 2 texturas punteadas en relieve y bajo relieve de 1,5 mm (Up y Down) – Tonos de colores mezclados de arcilla para lograr una sensación matérica y natural. – Decoración con serigrafía (sin impresión digital) con puntos de color perfectamente centrados – Proceso de prensado de tecnología continua después de la decoración
piezas complementarias	Peldaño, Pieza esquina, Zócalo
premios	Red Dot Design Award 2012, Selected for Adi Design Index 2012
patentes	Registered design n° 001912999-0011 – date of registration: 06/09/2011
normativa	UNI EN 14411 App G (BIA group) UGL

PICO DOWN



sección

down natural

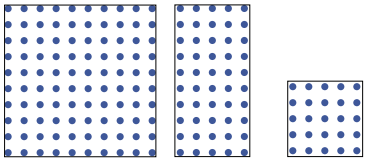


120·120 cm
47″· 47″

60·120 cm
24″· 47″

60·60 cm
24″· 24″

blue dots

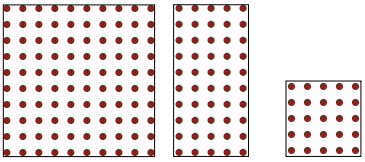


120·120 cm
47″· 47″

60·120 cm
24″· 47″

60·60 cm
24″· 24″

red dots



120·120 cm
47″· 47″

60·120 cm
24″· 47″

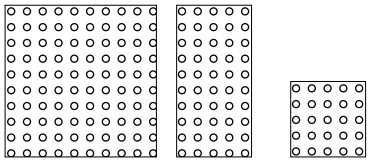
60·60 cm
24″· 24″

PICO UP



sección

up natural

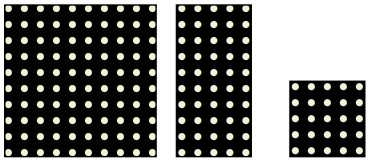


120·120 cm
47″· 47″

60·120 cm
24″· 47″

60·60 cm
24″· 24″

up



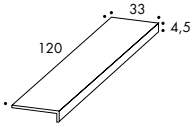
120·120 cm
47″· 47″

60·120 cm
24″· 47″

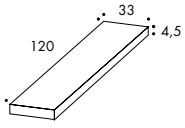
60·60 cm
24″· 24″

piezas complementarias

peldaño
33·120·4,5 cm
13″· 47″·1 7/8″

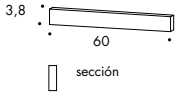


pieza esquina
33·120·4,5 cm
13″· 47″·1 7/8″



zócalo
3,8·60 cm
2″·24″

Disponible solo en
down natural



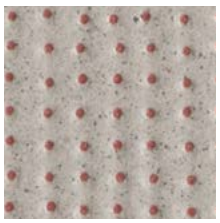
Consejos de colocación y mantenimiento

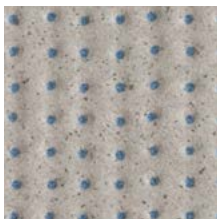
uso	Pavimento, revestimiento – Interior, exterior.
consejos de colocación	Para garantizar una buena armonía de los tonos en la colocación en obra, se recomienda sacar el material simultáneamente de varias cajas. Para el formato 120x120, se aconseja la técnica del doble encolado.
adhesivo recomendado	Cola para gres porcelánico.
junta recomendada	2 milímetros. Utilice cuñas para compensar las posibles diferencias de calibre.
material de rejuntado recomendado	Lechada de cemento / Lechada epoxi. Quitar correctamente los restos de lechada antes de que se seque por completo. **Descargar la información de la lechada.**
consejos para la limpieza de fin de obra	LECHADA DE CEMENTO: Ácido tamponado (p. ej. DETERDEK PRO de FILA o similares). Mojar el pavimento con agua, diluir el producto 1:5 con agua y distribuirlo sobre el suelo. Esperar 2-3 minutos y, a continuación, utilizar scotch Brite blanco y aclarar bien con agua limpia. LECHADA EPOXI: Detergente alcalino (p. ej. FILA CR10 o similares). FILA CR10: aplicarlo puro, esperar 30 minutos y utilizar scotch Brite verde. SILICONAS: Disolvente para siliconas p. ej. FILA ZERO SIL, aplicar el producto puro directamente sobre la mancha, dejar actuar unos 20 minutos y, utilizando scotch Brite, eliminar la marca. PINTURA: Por lo general, se elimina con agua. Sin embargo, si se utilizan pinturas de resina o esmaltes especiales, consultar con el fabricante de la pintura cuál es el disolvente más adecuado. HERRUMBRE: Utilizar un producto como por ejemplo, FILA NO RUST. Aplicar el producto sobre la mancha, dejarlo actuar durante 15 minutos, eliminar los residuos y aclarar bien.
limpieza general (instalación)	Se recomienda usar detergente neutro diluido en agua. Evite el uso de productos ácidos o alcalinos, ceras y / o impregnantes. Durante la limpieza ordinaria, se recomienda usar artículos extremadamente abrasivos (como estropajos y esponjas de hierro o acero) lo menos posible. Esta recomendación debe cumplirse rigurosamente en el caso de baldosas con un acabado de superficie brillante, ya que son más susceptibles al riesgo de rayones, arañazos y pérdida de brillo, etc. En caso de suciedad intensa o superficies especialmente texturizadas, utilice un producto alcalino detergente y enjuague después del lavado. Para superficies grandes, se recomienda el uso de una máquina fregasuelos. Durante los procedimientos de limpieza diarios, es necesario recordar que ciertos tipos de suciedad (polvo, arena) aumentan el efecto abrasivo del tráfico peatonal. Por lo tanto, le recomendamos que evite este tipo de suciedad, que entra desde el exterior, colocando un felpudo en la entrada.
calibre 09 (medidas reales) espesor 12mm	120cm x120cm -> 1190mm x 1190mm 60cm x 60cm -> 594mm x 594mm 60cm x 120cm -> 594mm x 1190mm
calibre I (medidas reales) espesor 10,5mm	120cm x120cm -> 1196mm x 1196mm 60cm x 60cm -> 597mm x 597mm 60cm x 120cm -> 597mm x 1196mm

Colores

GRIS


Down Natural

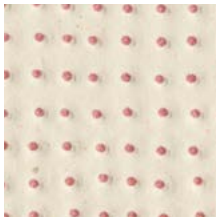

Red Dots

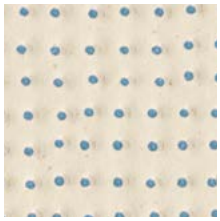

Blue Dots


Up Natural

BLANC


Down Natural


Red Dots


Blue Dots


Up Natural

SATIN

Down Natural


Red Dots

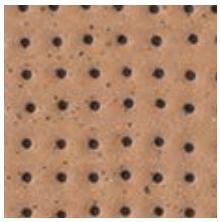

Blue Dots

Up Natural

ARGILE

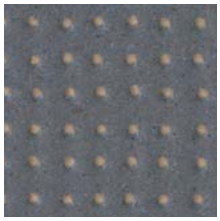

Down Natural


Red Dots


Blue Dots


Up Natural

BLUE


Up Blue

Para obtener información sobre las juntas disponibles, comuníquese con la oficina de ventas.

Especificación técnica

STANDARD	FEATURES	VALUE REQUIRED	PICO
ISO 10545/2	SIZES		
	length and width	± 0,6%	in conformity with standard
	thickness	± 5%	
	straigthness of edges	± 0,5%	
	wedging	± 0,6%	
	flatness	± 0,5%	
ISO 10545/3	water absorption	< 0,5%	0,06%
ASTM C373		< 0,5%	0,06%
ISO 10545/4	breaking strength	≥ 35 N/mm	61,2 N/mm²
ISO 10545/6	resistance to deep abrasion	<175 mm3	in conformity
EN 101	surface hardness (scala mohs)	> 5	8
ISO 10545/9	resistance to thermal shock	no visible alteration	resistant
ASTM C484		no samples must show visible defects	unaffected
ISO 10545/12	frost resistance	no visible alteration	resistant
ASTM C1026		unaffected	unaffected
ISO 10545/13	resistance to chemical attacks	no visible alteration	resistant
ASTM C650			unaffected
ISO 10545/14	stains resistance	minimum 3	5
DIN 51130-04	slip resistance	medium values	
		6÷10° R9	
		10÷19° R10	UP R11
		19÷27° R11	DOWN R11
		27÷35° R12	SATIN UP R10
		> 35° R13	SATIN DOWN R9
DIN 51097			UP B
			DOWN A
			SATIN UP B
			SATIN DOWN A
DCOF		> 0,42	UP 0,59
			DOWN 0,70
			SATIN UP 0,47
			SATIN DOWN 0,55
Pendulum BS7976-2			UP 53 dry - 38 wet
			DOWN 49 dry - 31 wet
			SATIN UP 58 dry - 29 wet
			SATIN DOWN 57 dry - 28 wet
LEED CERTIFICATION 4.1			20% recycled material
ENVIROMENTAL MANAGEMENT SYSTEM ISO 14000 E ISO 9001			
QB UPEC			available upon request
VOC Emission			available upon request
Declaration of Contents			available upon request
EPD			available upon request
SDS			available upon request
BPD3			available upon request
HPD			available upon request

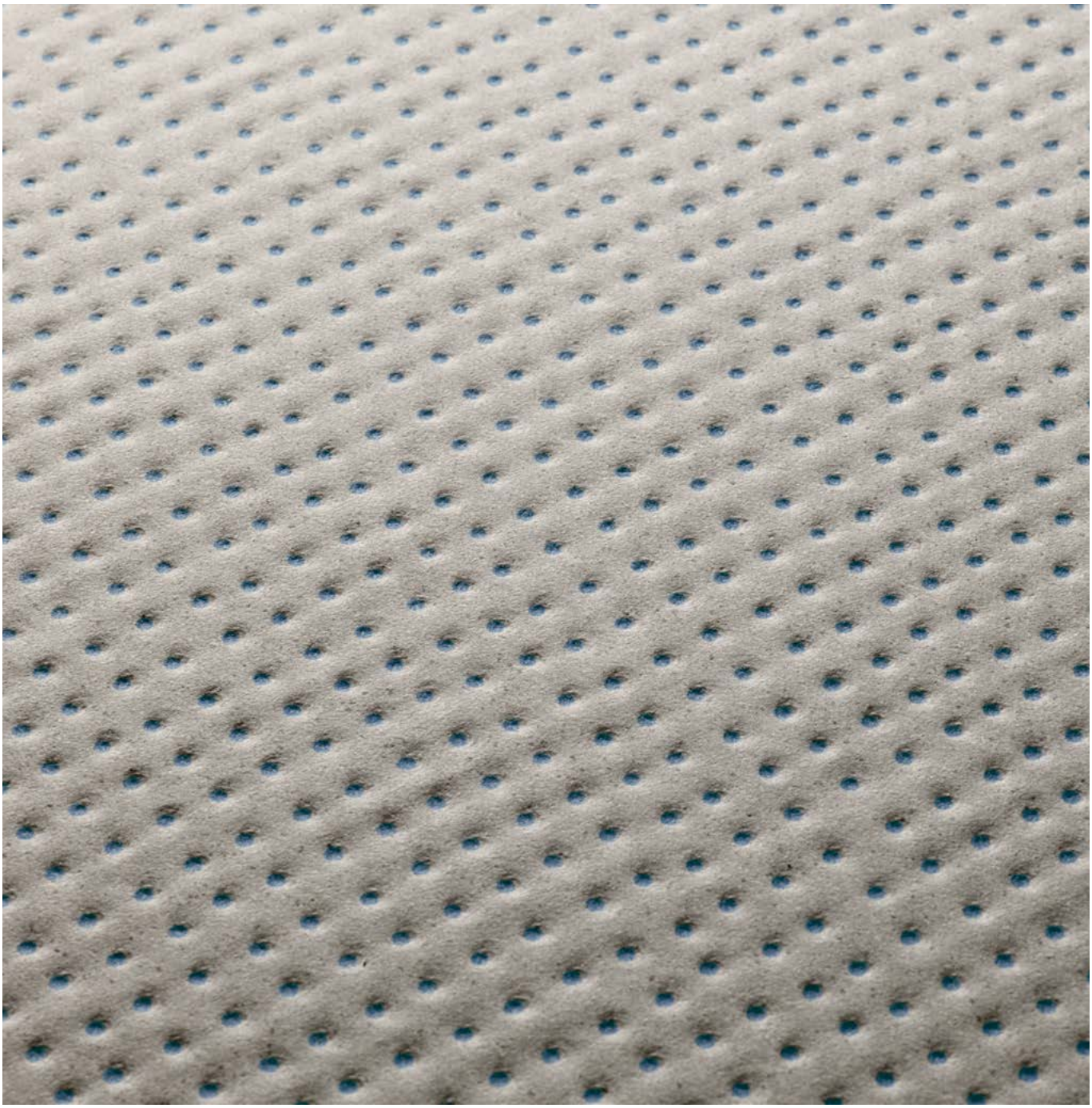
Embalaje

SIZE	THICKNESS	PCS·SQM	SQM·PCS	PCS·PAL	KG·PCS	KG·PAL	SQM·PAL
120·120 cm	12	0,69	1,44	36	38,30	1379	51,84
	10,50	0,69	1,44	36	35,10	1263,60	51,84

SIZE	THICKNESS	PCS·SQM	PCS·BOX	SQM·BOX	BOX·PAL	KG·BOX	KG·PAL	SQM·PAL
60·120 cm	12	1,38	2	1,44	24	38,65	928	34,56
	10,50	1,38	2	1,44	24	34,30	823,20	34,56
60·60 cm	12	2,77	3	1,08	32	29,00	928	34,56
	10,50	2,77	3	1,08	32	26,10	835,20	34,56
peldaño 33·120·4,5 cm		–	2	2,40 ml	–	26,00	–	–
pieza esquina 33·120·4,5 cm		–	1	1,20 ml	–	13,50	–	–
pieza esquina 3,8·60 cm		–	10	6,00 ml	–	5,00	–	–

MUTINA

Pico
by Ronan & Erwan Bouroullec



FR

Informations générales
Conseils de pose et d'entretien
Couleurs
Caractéristiques techniques
Emballage

Ceramiche Mutina Spa

Via del Crociale 25 41042 Fiorano Modenese, Italia
T +39 0536812800 F +39 0536812808
info@mutina.it – www.mutina.it

Département Contract
arch@mutina.it



Informations générales

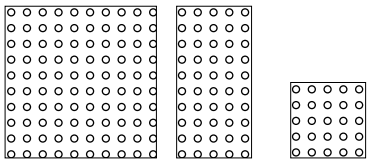
collection	Pico
design	Ronan & Erwan Bouroullec, 2011 – 2015 – 2021
production	Industrielle
matériel	Grès cérame homogène non émaillé
caractéristiques	Carreaux rectifiés aux bords équarris, tous rigoureusement identiques
épaisseur	12 mm 10,5 mm
dimensions nominales	120·120 cm (47″· 47″) 60·120 cm (24″· 47″) 60·60 cm (24″· 24″)
spécifications	– 4 couleurs de base : Blanc, Gris, Argile, Satin – 2 textures en pointillés en relief et bas-relief de 1,5 mm (UP and DOWN) – Argile aux tons de couleur mélangés pour obtenir une impression matérique et naturelle – Décoration par sérigraphie (pas d'impression numérique) avec des points de couleur parfaitement centrés – Procédé de pressage par la technologie Continua après décoration
pièces de finition	Marche, Carreau d'angle, Plinthe
primes	Red Dot Design Award 2012, Selected for Adi Design Index 2012
brevets	Registered design n° 001912999-0011 – date of registration: 06/09/2011
classification	UNI EN 14411 App G (BIA group) UGL

PICO DOWN



section

down natural

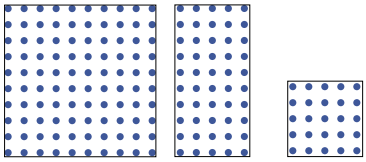


120·120 cm
47″· 47″

60·120 cm
24″· 47″

60·60 cm
24″· 24″

blue dots

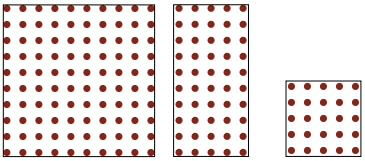


120·120 cm
47″· 47″

60·120 cm
24″· 47″

60·60 cm
24″· 24″

red dots



120·120 cm
47″· 47″

60·120 cm
24″· 47″

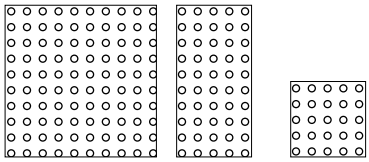
60·60 cm
24″· 24″

PICO UP



section

up natural

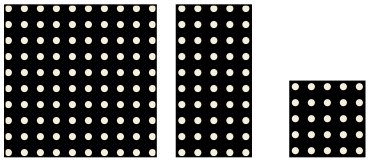


120·120 cm
47″· 47″

60·120 cm
24″· 47″

60·60 cm
24″· 24″

up



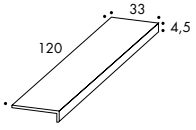
120·120 cm
47″· 47″

60·120 cm
24″· 47″

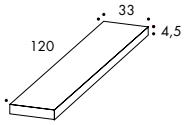
60·60 cm
24″· 24″

pièces de finition

marche
33·120·4,5 cm
13″· 47″·1 7/8″

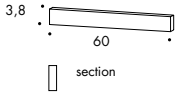


carreau d'angle
33·120·4,5 cm
13″· 47″·1 7/8″



plinthe
3,8·60 cm
2″·24″

disponible uniquement
en down natural



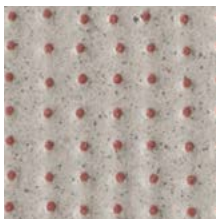
Conseils de pose et d'entretien

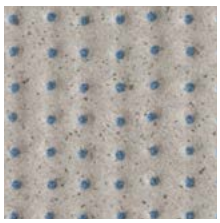
destination d'utilisation	Sol & Revêtement mural – Intérieur & Extérieur
conseils pour la pose	Merci de mélanger les différents carreaux en les prenant dans différentes boites afin d'obtenir un résultat plus harmonieux. Pour la pose du format 120x120 nous recommandons de faire un double encollage.
colle recommandée	Colle pour grès cérame.
dimension recommandée du joint	Largeur joint conseillée : 2mm. Utilisez des cales pour corriger les différences de calibre entre les carreaux.
type de joint recommandée	Joint ciment ou résine époxy. Merci de procéder à l'élimination du joint excédentaire avant qu'il ne sèche complètement. **Télécharger les informations sur les joints.**
conseils pour le nettoyage de fin chantier	JOINT DE CIMENT : acide à action tamponnée (es. DETERDEK PRO de FILA ou similaires). Tremper le sol avec de l'eau, diluer le produit 1 : 5 avec de l'eau et verser sur le sol. Attendre 2-3 minutes, puis utiliser une éponge type scotch Brite blanc et bien rincer à l'eau claire. RESINE EPOXY : détergent alcalin (es. FILA CR10 de FILA)FILA CR10 : Appliquer à l'état pur, attendre 30 minutes, puis utiliser une éponge type scotch Brite vert. SILICONE: solvant pour silicone (es. FILA ZERO SIL). Verser directement sur la tâche, attendre 20 minutes et supprimer le voile toujours avec le scotch Brite. PEINTURE : elle peut être éliminée habituellement avec l'eau. En cas d'utilisation de peintures avec des résines ou émaux spécifiques il vaut mieux demander à l'entreprise productrice de la couleur quel est le solvant le plus approprié. ROUILLE : détachant pour supprime les rouilles, par exemple. FILA NO RUST. Appliquer le produit sur la tâche, laisser agir pendant 15 minutes, enlever le résidu et rincer abondamment.
entretien courant (produit posé)	Nous recommandons d'utiliser un détergent neutre dilué dans l'eau. Évitez d'utiliser des produits acides ou alcalins, des cires et / ou imprégnants. Lors du nettoyage ordinaire, nous recommandons d'utiliser le moins possible d'abrasifs (éponges abrasives ou métalliques) Cette recommandation doit être strictement suivie dans le cas de carreaux avec une finition de surface brillante car ils sont plus sensibles au risque de rayures, perte de brillance, etc. En cas de saleté importante ou de surfaces particulièrement rugueuses, utiliser un détergent alcalin et rincer après lavage. Pour les grandes surfaces, l'utilisation d'une machine professionnelle pour le lavage des sols est conseillée. Pendant les procédures de nettoyage quotidiennes, il faut tenir compte que certains types de saleté (poussière, sable) augmentent l'effet abrasif du piétinement. Il est donc recommandé de placer un tapis à l'entrée.
calibres 09 (dimensions réelles) épaisseur 12mm	120cm x120cm -> 1190mm x 1190mm 60cm x 60cm -> 594mm x 594mm 60cm x 120cm -> 594mm x 1190mm
calibres I (dimensions réelles) épaisseur 10,5mm	120cm x120cm -> 1196mm x 1196mm 60cm x 60cm -> 597mm x 597mm 60cm x 120cm -> 597mm x 1196mm

Couleurs

GRIS


Down Natural

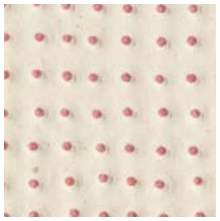

Red Dots

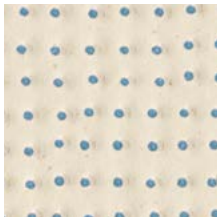

Blue Dots


Up Natural

BLANC


Down Natural


Red Dots


Blue Dots


Up Natural

SATIN

Down Natural


Red Dots

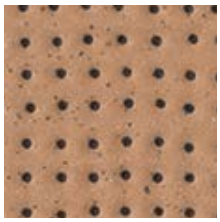

Blue Dots

Up Natural

ARGILE

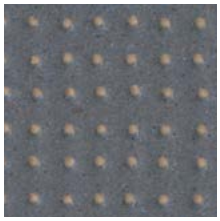

Down Natural


Red Dots


Blue Dots


Up Natural

BLUE


Up Blue

Pour avoir plus d'informations sur les joints disponibles, contactez le service commercial.

Caractéristiques techniques

STANDARD	FEATURES	VALUE REQUIRED	PICO
ISO 10545/2	SIZES		
	length and width	± 0,6%	in conformity with standard
	thickness	± 5%	
	straigthness of edges	± 0,5%	
	wedging	± 0,6%	
	flatness	± 0,5%	
ISO 10545/3	water absorption	< 0,5%	0,06%
ASTM C373		< 0,5%	0,06%
ISO 10545/4	breaking strength	≥ 35 N/mm	61,2 N/mm²
ISO 10545/6	resistance to deep abrasion	<175 mm3	in conformity
EN 101	surface hardness (scala mohs)	> 5	8
ISO 10545/9	resistance to thermal shock	no visible alteration	resistant
ASTM C484		no samples must show visible defects	unaffected
ISO 10545/12	frost resistance	no visible alteration	resistant
ASTM C1026		unaffected	unaffected
ISO 10545/13	resistance to chemical attacks	no visible alteration	resistant
ASTM C650			unaffected
ISO 10545/14	stains resistance	minimum 3	5
DIN 51130-04	slip resistance	medium values	
		6÷10° R9	
		10÷19° R10	UP R11
		19÷27° R11	DOWN R11
		27÷35° R12	SATIN UP R10
		> 35° R13	SATIN DOWN R9
DIN 51097			UP B
			DOWN A
			SATIN UP B
			SATIN DOWN A
DCOF		> 0,42	UP 0,59
			DOWN 0,70
			SATIN UP 0,47
			SATIN DOWN 0,55
Pendulum BS7976-2			UP 53 dry - 38 wet
			DOWN 49 dry - 31 wet
			SATIN UP 58 dry - 29 wet
			SATIN DOWN 57 dry - 28 wet
LEED CERTIFICATION 4.1			20% recycled material
ENVIROMENTAL MANAGEMENT SYSTEM ISO 14000 E ISO 9001			
QB UPEC			available upon request
VOC Emission			available upon request
Declaration of Contents			available upon request
EPD			available upon request
SDS			available upon request
BPD3			available upon request
HPD			available upon request

Emballage

SIZE	THICKNESS	PCS·SQM	SQM·PCS	PCS·PAL	KG·PCS	KG·PAL	SQM·PAL
120·120 cm	12	0,69	1,44	36	38,30	1379	51,84
	10,50	0,69	1,44	36	35,10	1263,60	51,84

SIZE	THICKNESS	PCS·SQM	PCS·BOX	SQM·BOX	BOX·PAL	KG·BOX	KG·PAL	SQM·PAL
60·120 cm	12	1,38	2	1,44	24	38,65	928	34,56
	10,50	1,38	2	1,44	24	34,30	823,20	34,56
60·60 cm	12	2,77	3	1,08	32	29,00	928	34,56
	10,50	2,77	3	1,08	32	26,10	835,20	34,56
marche 33·120·4,5 cm		–	2	2,40 ml	–	26,00	–	–
angle 33·120·4,5 cm		–	1	1,20 ml	–	13,50	–	–
plinthe 3,8·60 cm		–	10	6,00 ml	–	5,00	–	–