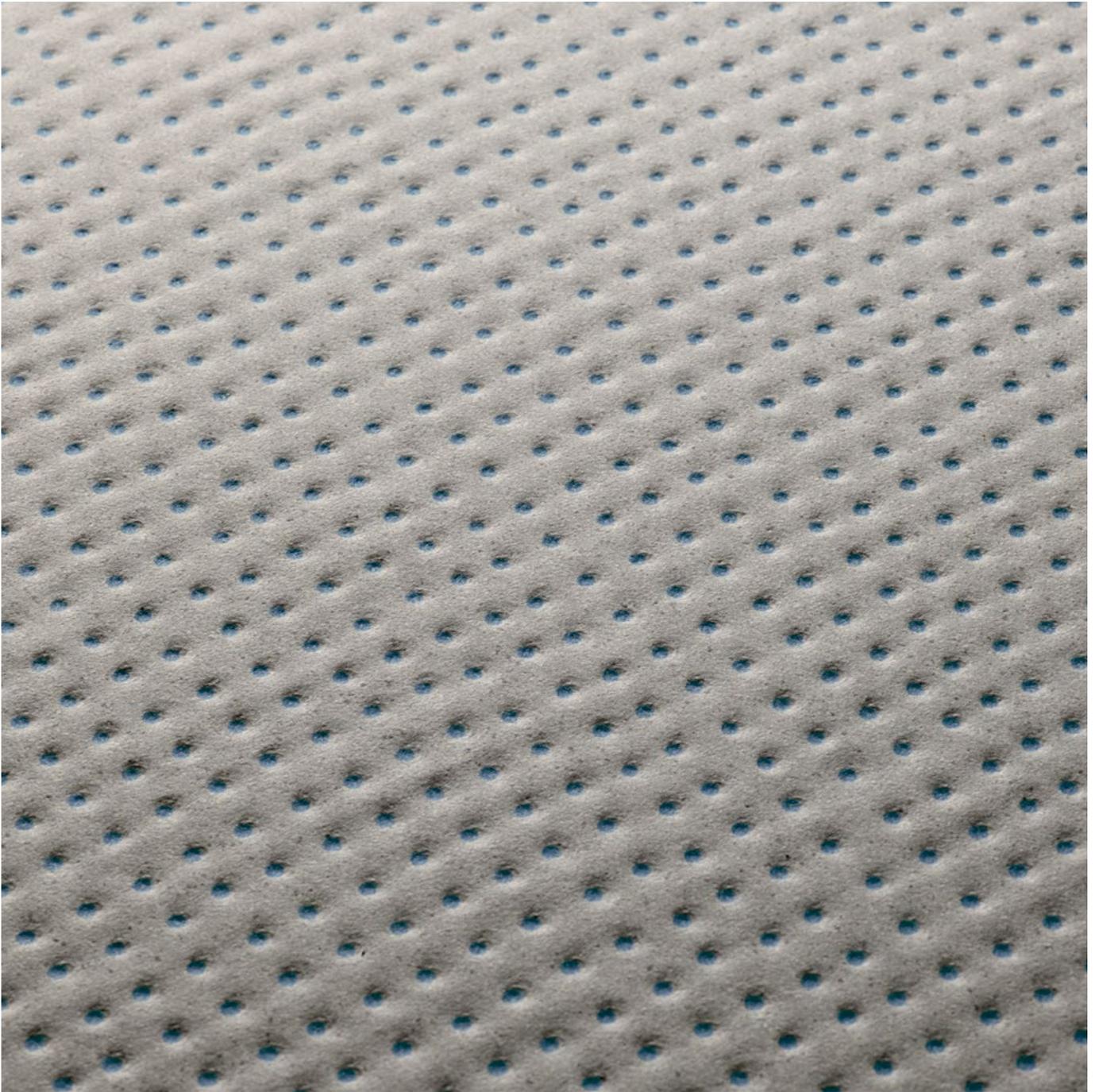


Mutina

Pico

by Ronan & Erwan Bouroullec



EN

General information
Laying and maintenance tips
Colors
Technical features
Packing

General information

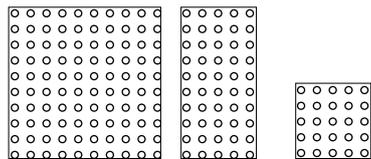
collection	Pico
design	Ronan & Erwan Bouroullec, 2011 – 2015
production	Industrial
material	Unglazed homogeneous porcelain stoneware
features	Squared and rectified slabs each one exactly the same as the others
thickness	12 mm
nominal sizes	120·120 cm (47"· 47") 60·120 cm (24"· 47") 60·60 cm (24"· 24")
specification	<ul style="list-style-type: none"> – 2 base colors: Blanc, Gris – 2 relief and bas-relief 1,5 mm dotted textures (UP and DOWN) – Mixed color tones clay to achieve a matric and natural feeling – Silk-screen decoration (no digital printing) with perfectly centered color 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

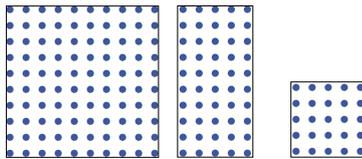


120·120 cm
47"· 47"

60·120 cm
24"· 47"

60·60 cm
24"· 24"

blue dots

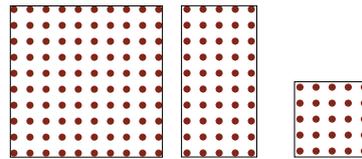


120·120 cm
47"· 47"

60·120 cm
24"· 47"

60·60 cm
24"· 24"

red dots

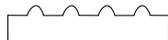


120·120 cm
47"· 47"

60·120 cm
24"· 47"

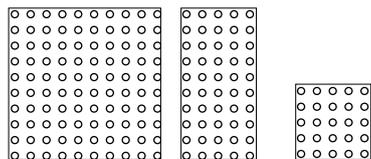
60·60 cm
24"· 24"

PICO UP



section

up natural

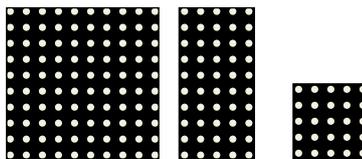


120·120 cm
47"· 47"

60·120 cm
24"· 47"

60·60 cm
24"· 24"

up



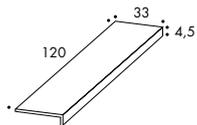
120·120 cm
47"· 47"

60·120 cm
24"· 47"

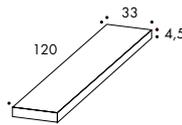
60·60 cm
24"· 24"

complementary pieces

step
33·120·4,5 cm
13"· 47"· 17/8"

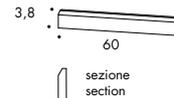


corner tile
33·120·4,5 cm
13"· 47"· 17/8"



skirting
3,8·60 cm
2"· 24"

available only
in down natural



sezione
section

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.
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 (real size)	60 cm x 60 cm -> 594 mm x 594 mm 120 cm x 120 cm -> 594 mm x 1190 mm 120 cm x 120 cm -> 1190 mm x 1190 mm

Colors

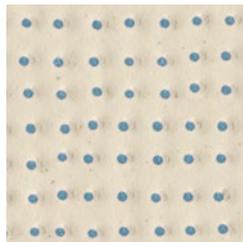
BLANC



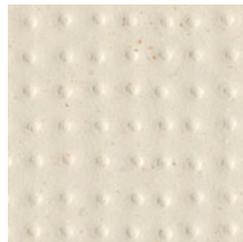
Down natural blanc



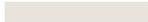
Red dots blanc



Blue dots blanc



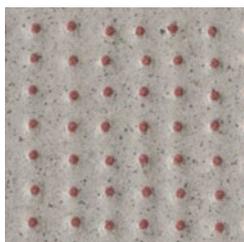
Up natural blanc


grout: bianco 50

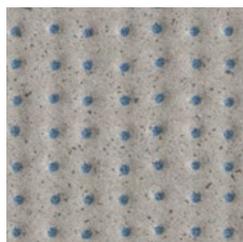
GRIS



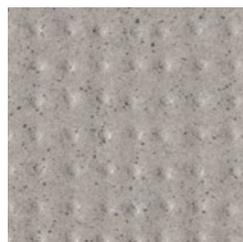
Down natural gris



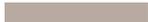
Red dots gris



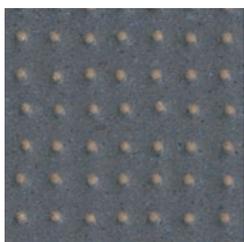
Blue dots gris



Up natural gris


grout: Kerakoll ferro 04

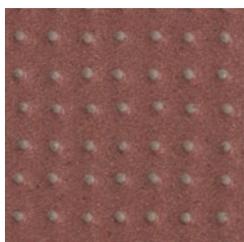
BLUE



Up blue


grout: Kerakoll ferro 04

RED



Up red


grout: ecrù 52

Technical features

STANDARD	FEATURES	VALUE REQUIRED	PICO
ISO 10545/2	SIZES		
	length and width	± 0,6%	in conformity with standard
	thickness	± 5%	
	straightness 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/mm ²
ISO 10545/6	resistance to deep abrasion	<175 mm ³	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
DIN 51097			A DOWN B UP
DCOF		> 0,42	UP 0,59 DOWN 0,70
Pendulum BS7976-2			UP 53 dry - 38 wet DOWN 49 dry - 31 wet
LEED CERTIFICATION 4.1			20% recycled material
ENVIROMENTAL MANAGEMENT SYSTEM ISO 14000 E ISO 9001			
			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	PCS-SQM	SQM-PCS	PCS-PAL	KG-PCS	KG-PAL	SQM-PAL
120-120 cm	0,69	1,44	36	38,30	1379	51,84

SIZE	PCS-SQM	PCS-BOX	SQM-BOX	BOX-PAL	KG-BOX	KG-PAL	SQM-PAL
60-120 cm	1,38	2	1,44	24	38,65	928,00	34,56
60-60 cm	2,77	3	1,08	32	29,00	928,00	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 ml	–	5,00	–	–