

phenomenon

mutina + tokujin yoshioka

rain A bianco



rain A grigio



rain A moka



rain B bianco



rain B grigio



rain B moka



rain C bianco



rain C grigio

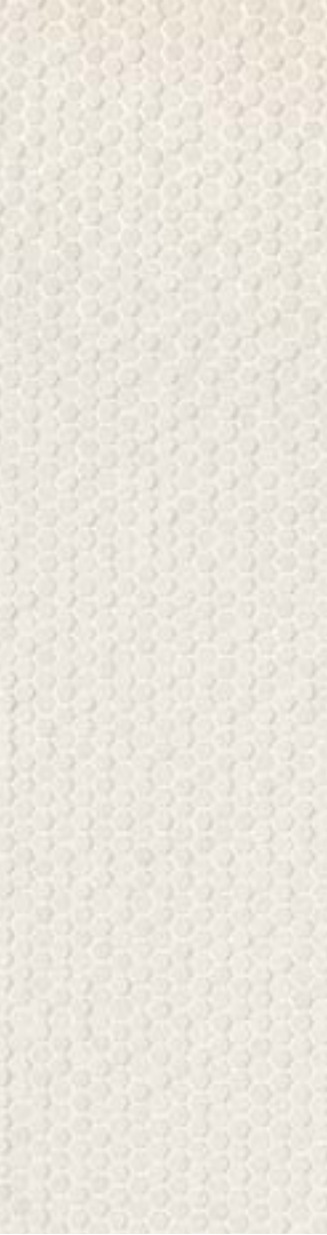


rain C moka

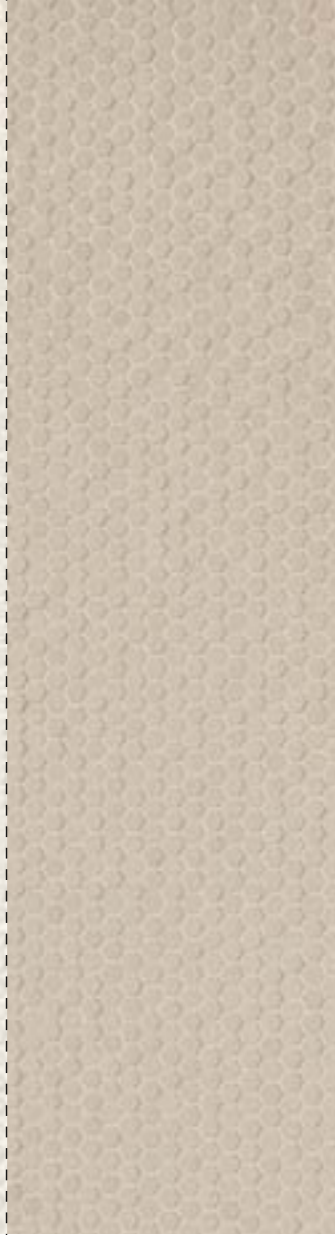


phenomenon materials and colours - honeycomb/rock mosaics

honeycomb A bianco



honeycomb A grigio



honeycomb A moka



honeycomb B bianco



honeycomb B grigio



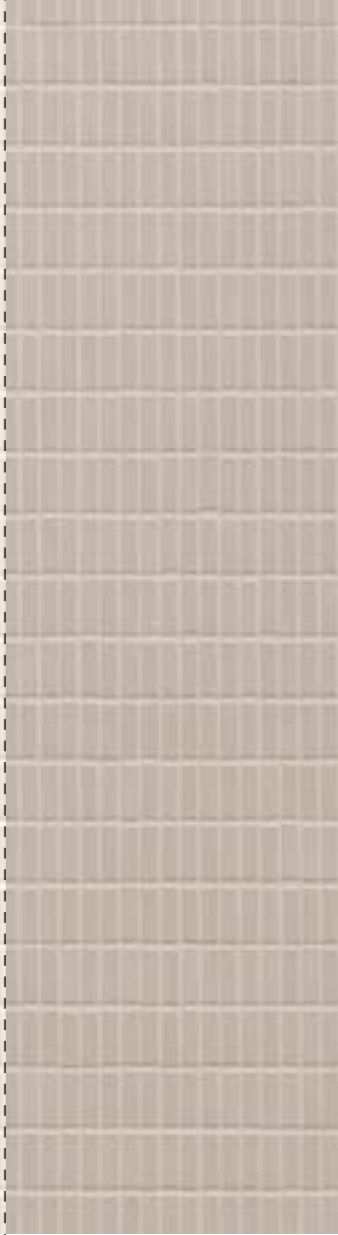
honeycomb B moka



rock bianco



rock grigio



rock moka



snow bianco



snow grigio



snow moka



phenomenon sizes - rain mosaics

Brevetto depositato n° MO2010A000247 - data di deposito: 02/09/2010
Patent Pending n° MO2010A000247 - date of patent: 2nd of sept. 2010

design Tokujin Yoshioka 2010

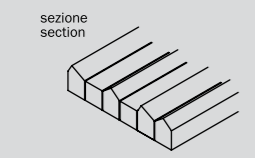
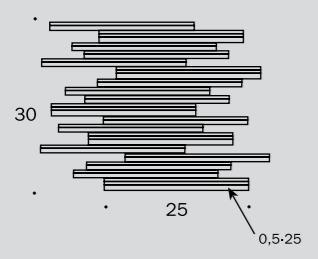
production artisanal

material bacchette di gres porcellanato non smaltate ad impasto omogeneo, pressate singolarmente e montate su rete - homogeneous porcelain stoneware straws, obtained by pressing and fixed on net

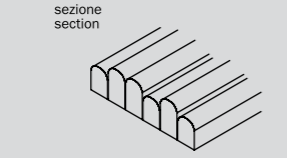
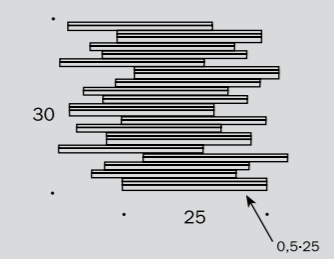
thickness rain A min 5mm-max 7mm; rain B min 5mm-max 7mm; rain C 5mm

*misure nominali - nominal sizes

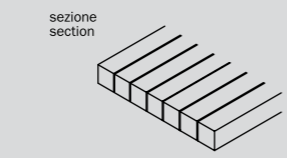
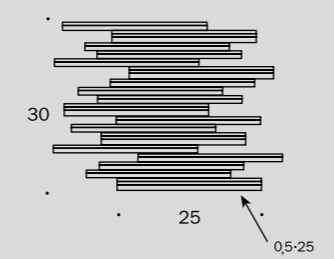
rain A



rain B



rain C



phenomenon sizes - honeycomb/rock mosaics

Modello registrato - Registered design

design Tokujin Yoshioka 2010

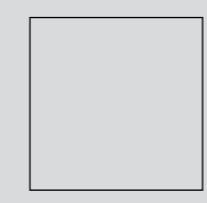
production artisanal

material tessere di gres porcellanato non smaltate ad impasto omogeneo, pressate singolarmente e montate su rete - homogeneous porcelain stoneware tesserae, obtained by pressing and fixed on net

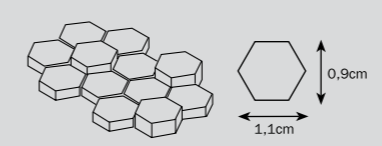
thickness honeycomb A min 5mm-max 6mm; honeycomb B min 6mm-max 8mm; rock 5mm

*misure nominali - nominal sizes

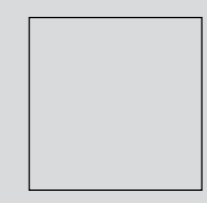
honeycomb A



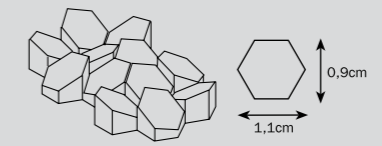
rete 30-30
net 30-30 - *12" · 12"



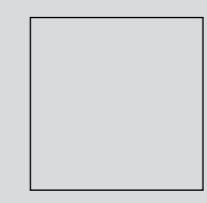
honeycomb B



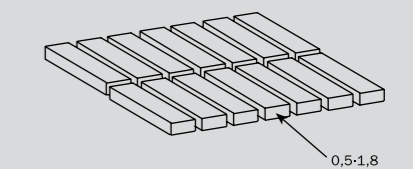
rete 30-30
net 30-30 - *12" · 12"



rock



rete 30-30
net 30-30 - *12" · 12"



phenomenon sizes - snow

design Tokujin Yoshioka 2010

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 10 mm

misure nominali - nominal sizes

snow



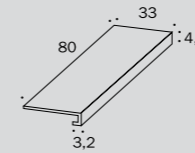
80·80

*31 1/2"·31 1/2"

40·80

* 15 3/4"·31 1/2"

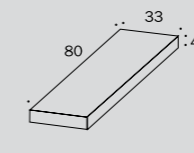
complementary pieces



33·80·4,5·3,2

* 13"·31 1/2"·1 7/8"·1 2/10"

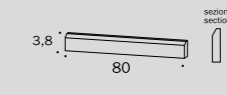
gradone - step



33·80·4,5·3,2

* 13"·31 1/2"·1 7/8"·1 2/10" an-

golare - corner tile



3,8·80

* 1 2/1"·31 1/2"

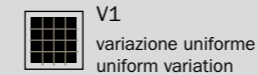
battiscopa - skirting

phenomenon technical features

phenomenon packing

norma standard	caratteristiche features	valore prescritto value required	phenomenon
ISO 10545/2	DIMENSIONI - SIZES		
	lunghezza e larghezza - length and width	± 0,6%	± 0,15%
	spessore - thickness	± 5%	± 5%
	rettilinearità degli spigoli - straightness of edges	± 0,5%	± 0,10%
	ortogonalità - wedging	± 0,6%	± 0,2%
	planarità - flatness	± 0,5%	± 0,35%
ISO 10545/3	assorbimento d'acqua water absorption	<0,5%	0,50%
ASTM C373		<0,5%	0,50%
EN 101	durezza superficiale (scala mohs) surface hardness (scala mohs)	> 5	7
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	>40 N/mm2
	forza di rottura N breaking strenght N	>1300N	>1700 N
BCRA	scivolosità anti-slip	> 0,40	cuoio asciutto 0,34 dry leather gomma bagnata 0,51 wet rub
DIN 51130 - 04		valori medi	
		6° ÷ 10°	R9
		10° ÷ 19°	R10
		19° ÷ 27°	R11
		27° ÷ 35°	R12
	> 35°	R13	R10
ASTM C1028		> 0,60	dry 0,87 wet 0,60

formato sizes	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
80-80	1,56	2	1,28	40	30,20	1220	51,20
40-80	3,13	3	0,96	56	22,66	1280	53,76
rain A rete/net 25-30	13,34	5	0,375	40	5,00	200	15,00
rain B rete/net 25-30	13,34	5	0,375	40	5,00	200	15,00
rain C rete/net 25-30	13,34	5	0,375	40	5,00	200	15,00
honeycomb A rete/net 30-30	11	8	0,72	60	6,40	384	43,20
honeycomb B rete/net 30-30	11	8	0,72	60	6,00	384	43,20
rock rete/net 30-30	11	11	1,00	60	5,00	300	60,00
gradone 33-80-4,5-3,2	-	2	1,6 ml	-	-	-	-
angolare 33-80-4,5-3,2	-	2	1,6 ml	-	-	-	-
battiscopa 3,8-80	-	10	8 ml	-	9,00	-	-



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