

# MIDLAKE



## Our values/

### **Made in Italy**

Selezioniamo le migliori materie prime e, secondo canoni estetici e funzionali, le trasformiamo in prodotti che interpretano con creatività il gusto italiano. Utilizziamo in uguale misura passione e tecnologia, cura del dettaglio e precisione, chimica e cultura, estetica e attenzione all'ambiente. Per noi Made in Italy è racchiudere tutto questo in ogni singolo prodotto.

### **Made in Italy**

*We pick the very best raw materials and we follow aesthetics and functional criteria to turn them into products embodying Italian taste and excellence. We sharply combine passion and technology, creativity and accuracy, science and culture, and environmental friendliness. To all of us, Made in Italy means gathering these features into every single product.*

### **Greenthinking**

Recuperiamo il 100% dell'acqua, autoproduciamo il 65% dell'energia, differenziamo il 98% dei rifiuti. Siamo stati i primi del settore ceramico a ottenere la certificazione PEF e tra i primi a guadagnarci l'EPD, la FDES e la HPDC. La maggior parte dei nostri prodotti è compatibile con lo standard LEED - Leadership in Energy and Environmental Design. Questo per noi è Greenthinking: un promessa molto seria, un impegno quotidiano.

### **Greenthinking**

*We recycle 100% of our water, produce 65% of our energy, separate 98% of our waste. We were the first company in the ceramic industry to obtain PEF certification and were among the first to earn the EPD, the FDES, and the HPDC certifications. The majority of our products comply with the LEED - Leadership in Energy and Environmental Design - standard. Greenthinking implies a solemn promise, an everyday commitment.*

GRES PORCELLANATO  
PORCELAIN STONEWARE

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**Effetto pietra**  
*Stone effect*

# MIDLAKE



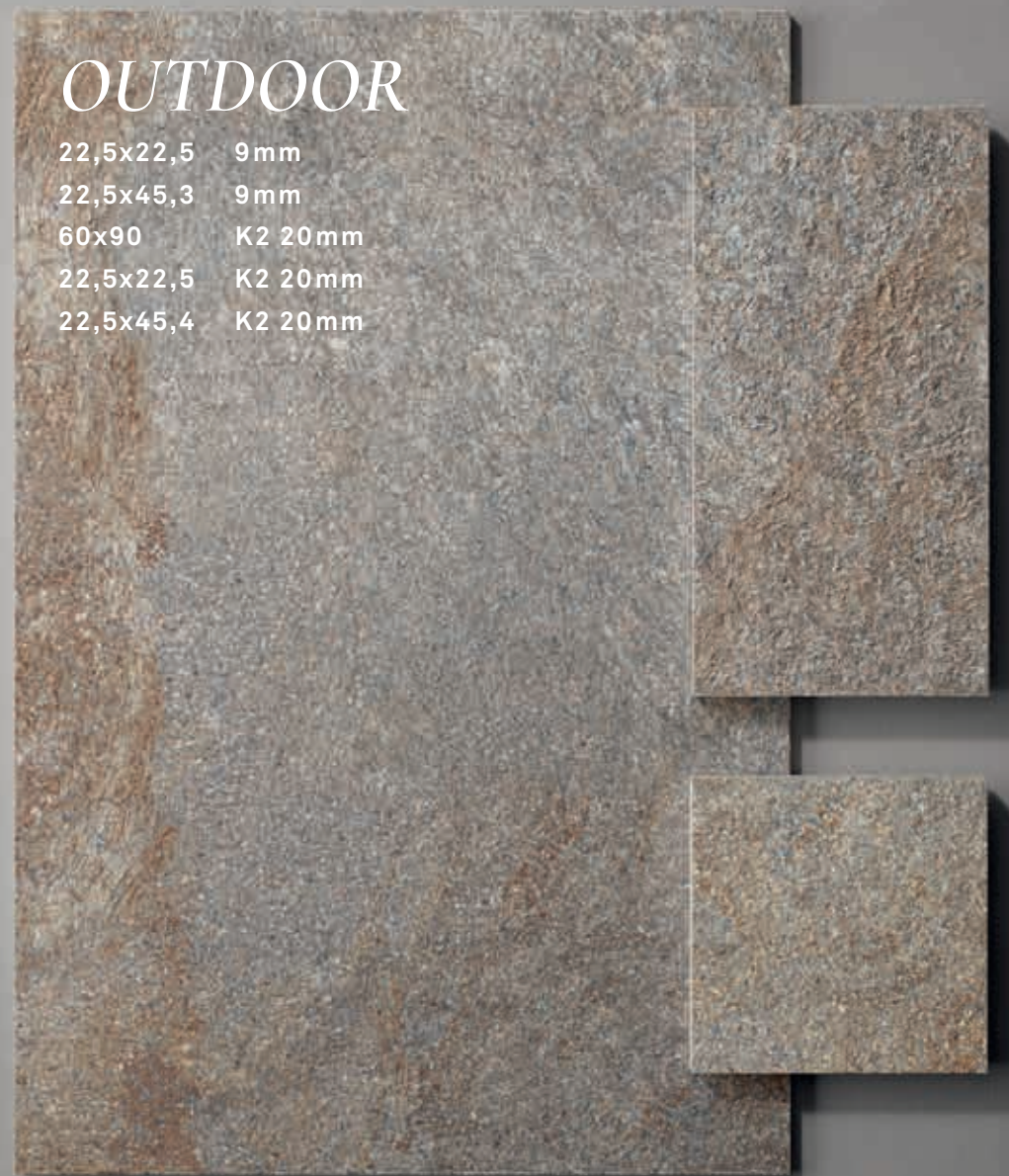
## ISPIRAZIONE/ INSPIRATION

### **Alchimia geologica**

Midlake ha tre anime minerali, quella della quarzite, quella del porfido e dell'ardesia. A seconda della pietra riprodotta, le trame cambiano espressione e direzione. La traccia spontanea della natura riempie di energia creativa l'ambiente, genera movimenti che marcano gli spazi con audacia e grazia allo stesso tempo.

### **Geological alchemy**

*Quartzite, porphyry, and slate those are Midlake's mineral souls. The textures of each stone vary depending on the natural look from which they're derived. The designs harness nature's creative energy and flow, marking out graceful and elegant spaces with a look that can be both audacious and graceful at the same time.*



## 5 FORMATI/ SIZES

## 2 SPESSORI/ THICKNESSES

### **Formati e spessori**

La collezione Midlake regala la praticità dei formati quadrati o rettangolari non rettificati, e la modernità del 60x90 cm rettificato in 20mm. Con tre formati in versione K2 20 mm, è perfetta per gli esterni. Le possibilità progettuali si aprono ad ambienti che richiedono resistenza massima, soggetti a calpestio e a variazioni climatiche.

### **Sizes and thicknesses**

*Midlake offers a range of sizes. It comes in square or rectangular shapes, with the non-rectified side of 22.5cm, and the rectified 60x90cm, in 20mm thickness. Midlake is ideal for the outdoors with three formats produced in the K2 version. The tiles are hard wearing and durable, suitable for areas of high foot traffic and resistant to sudden climatic changes.*



## 4 COLORI/ COLORS

## 1 SUPERFICIE/ SURFACE

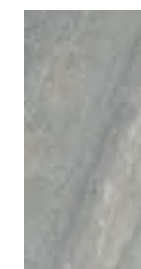
### Colori e superfici

I colori di Midlake sono intensi e i pigmenti si dispongono con variazioni eleganti, secondo la composizione delle rocce. Le variazioni Quartzbeige, Quartzgrey, Porfido e Ardesia estendono le possibilità di giocare con superfici diverse e complementari. Tutte finite in R11 strutturato, acquisiscono proprietà antiscivolo: al valore estetico della pietra ceramica si abbinano prestazioni eccellenti.

### Colors and surfaces

Midlake's colors are intense: Quartzbeige, Quartzgrey, Porfido and Ardesia. Providing ample opportunities to play with different and complementary design effects. All pigments are blended into refined variations, according to the composition of the rocks. The R11 structured finish also has anti-slip properties. Midlake is a collection whose performance is combined with the aesthetic power and quality of ceramic stoneware.

Quartzgrey



Porfido



Quartzbeige



Ardesia



# quartzgrey





22,5x45,3 (8<sup>7/8</sup>"x17<sup>13/16</sup>"

midlake quartzgrey

# porfido



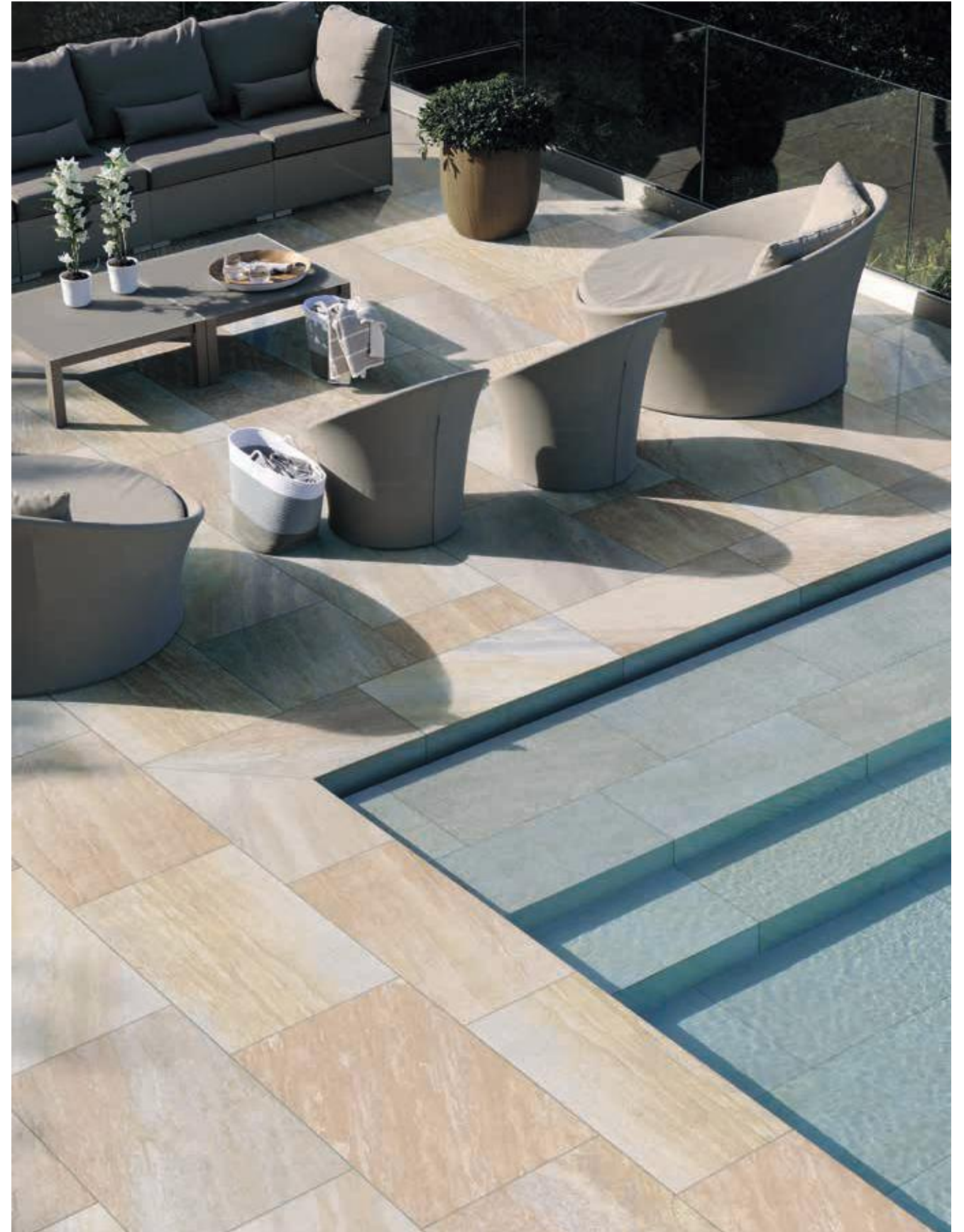
midlake porfido



60x90 (24"x36") **K2** 20mm  
ELEMENTO L 45x90x15 (18"x36"x6") **K2** 20mm  
TOP BORDO TORO 45x90 (18"x36") **K2** 20mm  
ANG. INT. BORDO TORO 45x90 (18"x36") **K2** 20mm  
GRIGLIA 15x60 (6"x24") **K2** 20mm  
ANG. GRIGLIA 15x60 (6"x24") **K2** 20mm



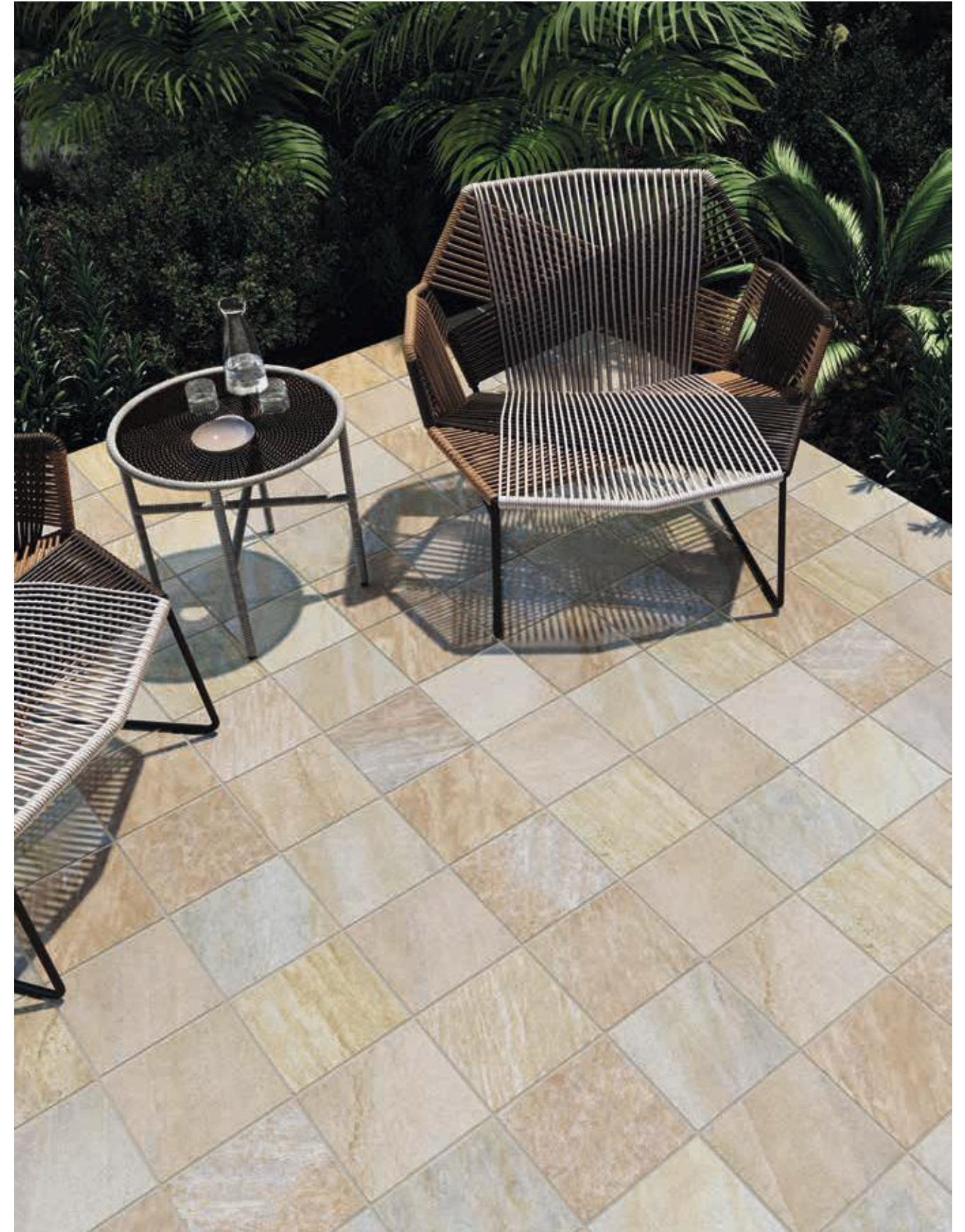
# quartzbeige



midlake quartzbeige



22,5x22,5 (8<sup>7/8</sup>"x8<sup>7/8</sup>")



22,5x22,5 (8<sup>7/8</sup>"x8<sup>7/8</sup>")

# ardesia





60x90 (24"x36") K2 20mm

midlake ardesia

# MIDLAKE

## SPECIFICHE TECNICHE/ TECHNICAL FEATURES

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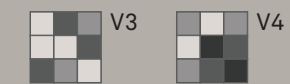
**GRES PORCELLANATO TUTTA MASSA UGL**  
*FULL-BODY PORCELAIN UGL*

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**SPESSORI**  
*THICKNESSES*  
**9 mm** (22,5x45,3 - 22,5x22,5)  
**20 mm** (60x90 - 22,5x45,4 - 22,5x22,5)

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**STONALIZZAZIONE**  
*SHADING*



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**CLASSIFICAZIONE ANTISDRUCCIOLO**  
*ASSESSMENT OF SLIP RESISTANCE*

**DIN 51130 R11**  
**DIN 51097 A+B+C**  
**COF** Conforme/ *Compliant*  
**DCOF** Conforme/ *Compliant*

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## GRES PORCELLANATO / PORCELAIN STONEWARE



**INATTACCABILE DA ACIDI /**  
*NOT ATTACKED BY ACIDS*



**FACILMENTE PULIBILE /**  
*EASY TO CLEAN*



**ANTIDRUCCIOLO /**  
*ANTI-SLIP*

*per ambienti bagnati e outdoor /  
for outdoor and wet environments*



**NON REAGISCE AL FUOCO /**  
*DOES NOT REACT TO FIRE*

*non emette fumi in caso di incendio /  
does not release fumes in case of fire*



**RESISTENTE A GELO E SHOCK TERMICI /**  
*RESISTANT TO FROST AND SUDDEN THERMAL CHANGES*



**RESISTENTE A SFORZI ED ABRASIONI /**  
*RESISTANT TO STRESSES AND ABRASION*

*500 Kg/cm<sup>2</sup> di pressatura meccanica e cottura a 1.250°C /  
500 kg/cm<sup>2</sup> of mechanical pressing and firing at 1250°C*



**STABILE CROMATICAMENTE /**  
*CHROMATICALLY FAST*

*inalterabile da agenti atmosferici e smog /  
unchanged by weather agents and smog*



**ASSORBIMENTO H<sub>2</sub>O NULLO /**  
*NULL H<sub>2</sub>O ABSORPTION*

## GREENTHINKING / GREENTHINKING



**100% ACQUE REFLUE RECUPERATE /**  
*100% RECOVERED WASTE WATER*



**98% RIFIUTI AVVIATI A  
RACCOLTA DIFFERENZIATA /**  
*98% WASTE SENT TO SEPARATE COLLECTION*



**100% PALLET FAO /**  
*100% FAO PALLETS*



**100% SCARTI CRUDI RECUPERATI /**  
*100% RECOVERED RAW SCRAPS*




**ENERGIA AUTO-PRODOTTA DA  
FOTOVOLTAICO /**  
*ENERGY SELF-PRODUCED BY PV PLANT*



**\* + 5.000.000 L = 3.000.000** 

**ACQUE DI PROCESSO DA ALTRI  
STABILIMENTI /**  
*PROCESS WATER FROM OTHER FACTORIES*



**\* 18.408 t = 570** 

**MATERIE PRIME NON ESTRATTE  
GRAZIE AL RECUPERO DI SCARTI /**  
*NON-EXTRACTED RAW MATERIALS THANKS TO THE  
RECOVERY OF SCRAPS*



**\* + 24.000 MWh/year = 185.000** 

**84% ENERGIA AUTO PRODOTTA DA IMPIANTI  
DI COGENERAZIONE /**  
*84% ENERGY SELF-PRODUCED BY COGENERATION PLANTS*

QUARTZGREY



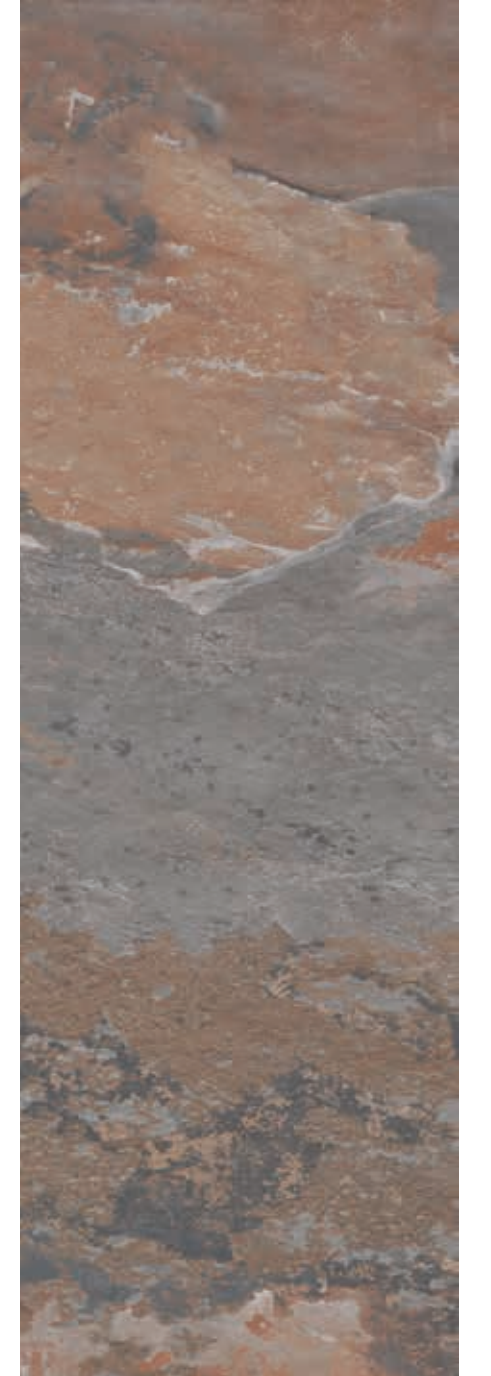
PORFIDO



QUARTZBEIGE



ARDESIA





# V3 V4

STONALIZZAZIONE/  
SHADING

QUARTZGREY V4



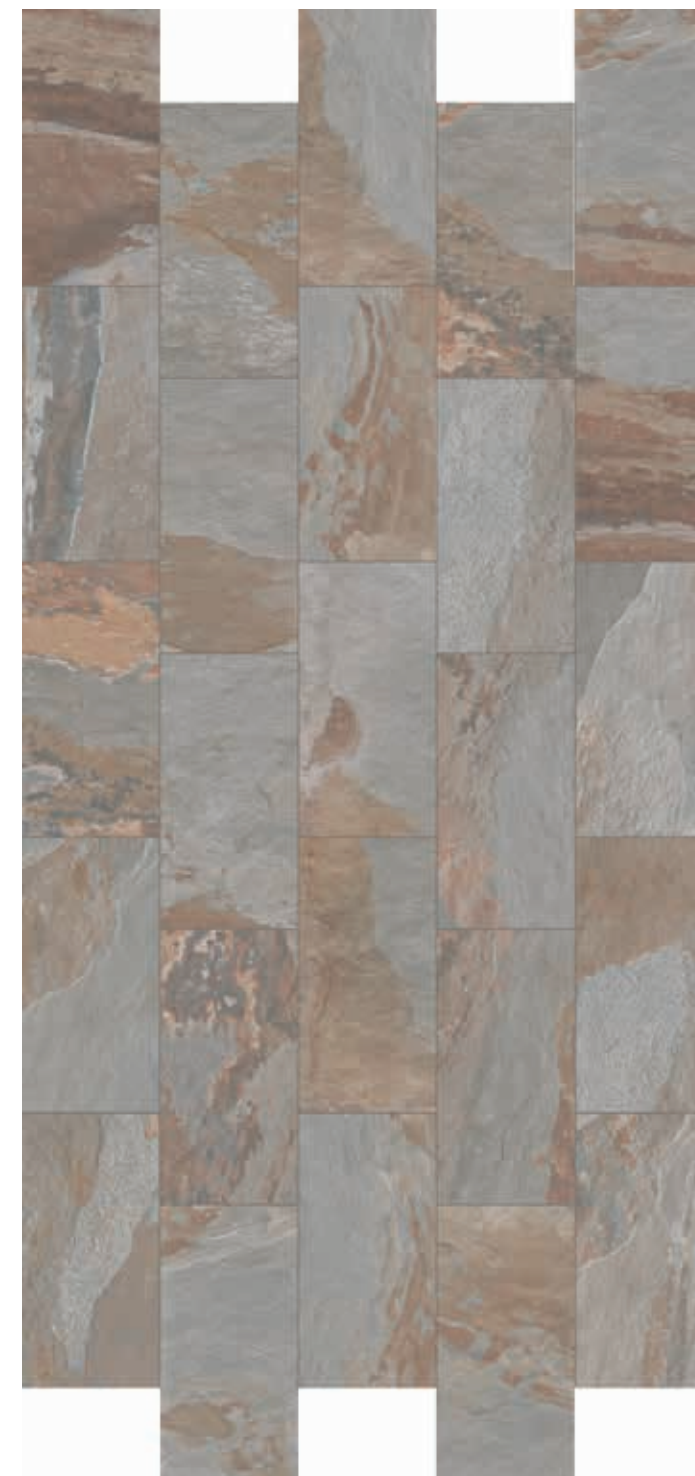
PORFIDO V4



QUARTZBEIGE V3



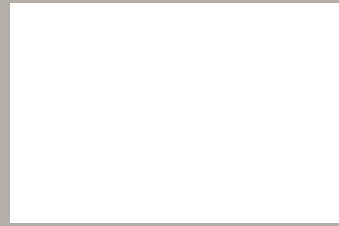
ARDESIA V4



specs & tech

# 5

FORMATI/  
SIZES



▲ 60x90 (24"x36") RT ➔ **K2** 20 mm



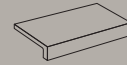
▲ 22,5x45,3 (8<sup>7/8</sup>"x17<sup>13/16</sup>") Not RT 9 mm  
▲ 22,5x45,4 (8<sup>7/8</sup>"x17<sup>7/8</sup>") Not RT ➔ **K2** 20 mm



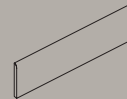
▲ 22,5x22,5 (8<sup>7/8</sup>"x8<sup>7/8</sup>") Not RT 9 mm  
▲ 22,5x22,5 (8<sup>7/8</sup>"x8<sup>7/8</sup>") Not RT ➔ **K2** 20 mm

# 2

PEZZI SPECIALI/  
TRIMS



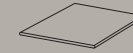
**TERMINALE "L"**  
▲ 30x15x4 (12"x6"x1<sup>9/16</sup>") Not RT 9 mm



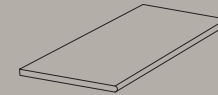
**BATTISCOPA**  
▲ 7,2x45,3 (28"x17<sup>13/16</sup>") Not RT 9 mm

# 14

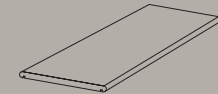
PEZZI SPECIALI **K<sub>2</sub>**/  
TRIMS **K<sub>2</sub>** / PIECES SPECIALES **K<sub>2</sub>** / FORMTEILE **K<sub>2</sub>** /  
PIEZAS ESPECIALES **K<sub>2</sub>**



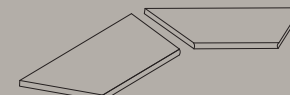
**ANGOLARE BORDO CON TORO**  
CORNER STEP TREAD / NEZ DE MARCHE ANGULAIRE /  
STUFENPLATTE ECKSTÜCK / ANGULAR CANTO ROMO  
▲ 30x30 (12"x12") RT 20 mm



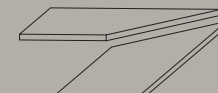
**GRADINO BORDO CON TORO**  
ROUNDED STEP TREAD / NEZ DE MARCHE ARRONDI /  
GERUNDET STUFENPLATTE / PELDAÑO CANTO ROMO  
▲ 45x90 (18"x36") RT 20 mm  
▲ 30x60 (12"x24") RT 20 mm



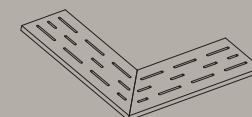
**TOP**  
TOP STEP TREAD / NEZ DE MARCHE HAUT /  
STUFENPLATTE TOP / TOP CANTO ROMO  
▲ 30x60 (12"x24") RT 20 mm



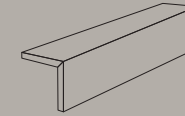
**GRADINO ANGOLO INTERNO BORDO CON TORO**  
INT. CORNER STEP TREAD / ANGLE INT. NEZ DE MARCHE /  
INNENECKTRITTSTUFE / ANG. INT. CANTO ROMO  
▲ 45x90 (18"x36") RT 20 mm  
▲ 30x60 (12"x24") RT 20 mm



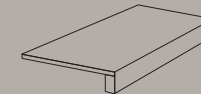
**GRADINO ANGOLO ESTERNO BORDO CON TORO**  
EXT. CORNER STEP TREAD / ANGLE ÉXT. NEZ DE MARCHE /  
AUSSENECKTRITTSTUFE / ANG. EXT. CANTO ROMO  
▲ 45x90 (18"x36") RT 20 mm  
▲ 30x60 (12"x24") RT 20 mm



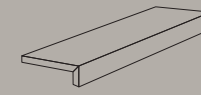
**ANGOLARE GRIGLIA**  
GRID / GRIL / GRILL / ANGULAR REJILLA  
▲ 15x60 (6"x24") RT 20 mm



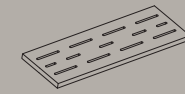
**CORDOLO L**  
GLUED "L" TERMINAL / TERMINAL "L" COLLÉ /  
"L" STÜCK FLIESE GEKLEBT / TERMINAL "L" (PEGADO)  
▲ 60x20x15 (24"x8"x6") RT 20 mm



**SCALINO INCOLLATO**  
STEP TREAD / NEZ DE MARCHE / STUFENPLATTE /  
PELDAÑO (PEGADO)  
▲ 33x60x5 (13"x24"x2") RT 20 mm



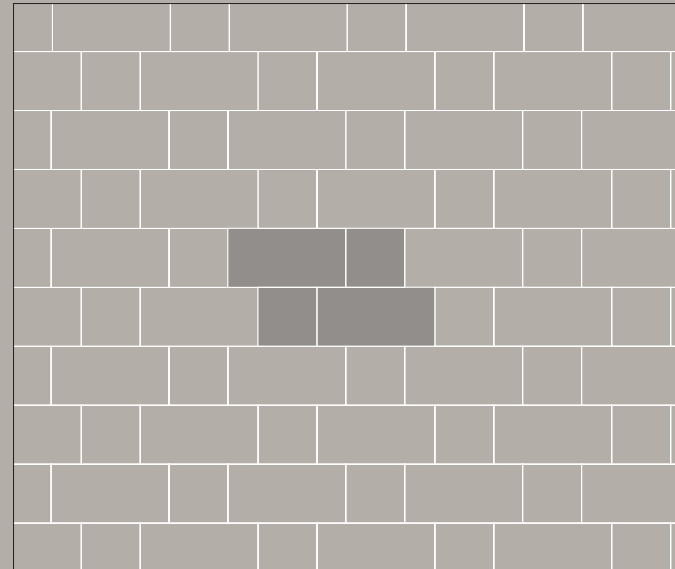
**TERMINALE L**  
GLUED "L" TERMINAL / TERMINAL "L" COLLÉ /  
"L" STÜCK FLIESE GEKLEBT / TERMINAL "L" (PEGADO)  
▲ 90x45x15 (36"x18"x6") RT 20 mm  
▲ 60x20x5 (24"x8"x2") RT 20 mm



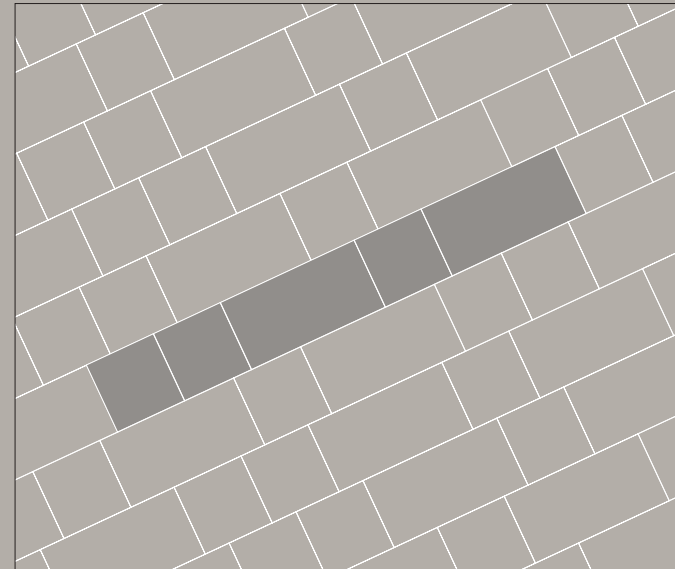
**GRIGLIA**  
GRID / GRIL / GRILL / REJILLA  
▲ 15x60 (6"x24") RT 20 mm

▲ Structured R11

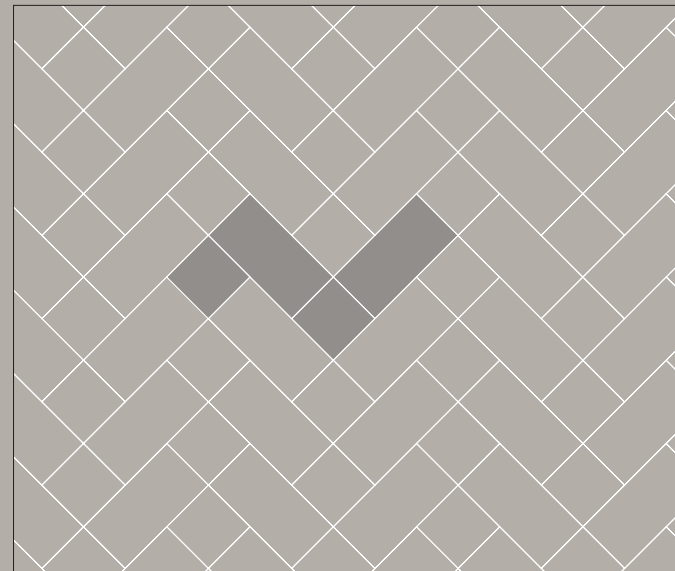
SCHEMI DI POSA/  
LAYING SYSTEM



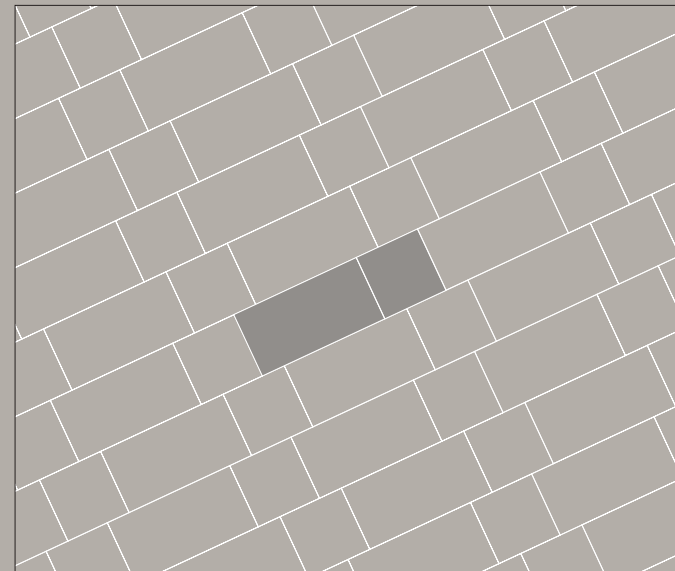
22,5x45,3 (8<sup>7/8</sup>"x17<sup>13/16</sup>") Not RT - 66,66%  
22,5x22,5 (8<sup>7/8</sup>"x8<sup>7/8</sup>") Not RT - 33,33%



22,5x45,3 (8<sup>7/8</sup>"x17<sup>13/16</sup>") Not RT - 57,1%  
22,5x22,5 (8<sup>7/8</sup>"x8<sup>7/8</sup>") Not RT - 42,9%

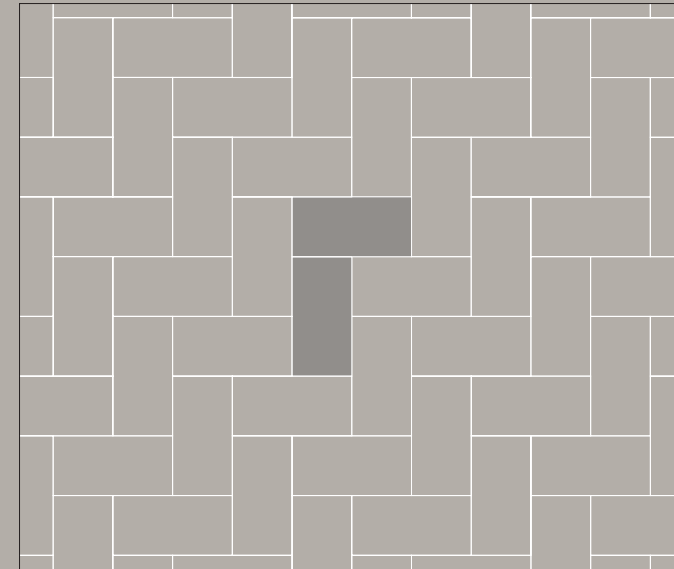


22,5x45,3 (8<sup>7/8</sup>"x17<sup>13/16</sup>") Not RT - 66,66%  
22,5x22,5 (8<sup>7/8</sup>"x8<sup>7/8</sup>") Not RT - 33,33%

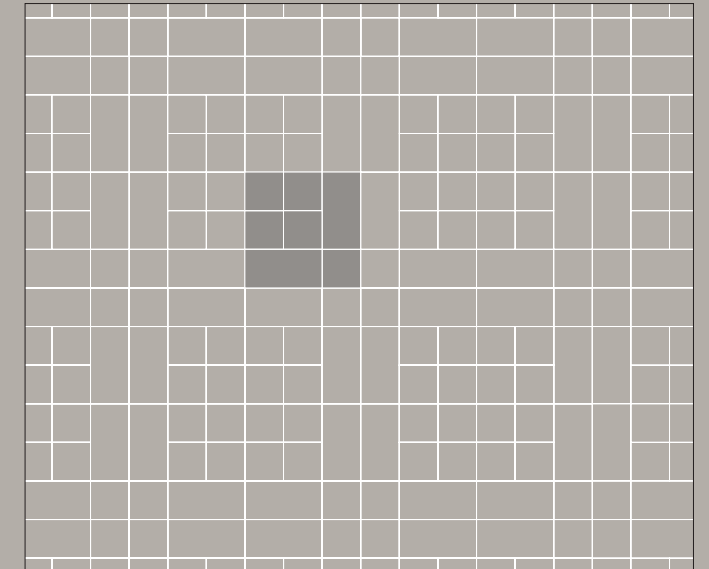


22,5x45,3 (8<sup>7/8</sup>"x17<sup>13/16</sup>") Not RT - 66,66%  
22,5x22,5 (8<sup>7/8</sup>"x8<sup>7/8</sup>") Not RT - 33,33%

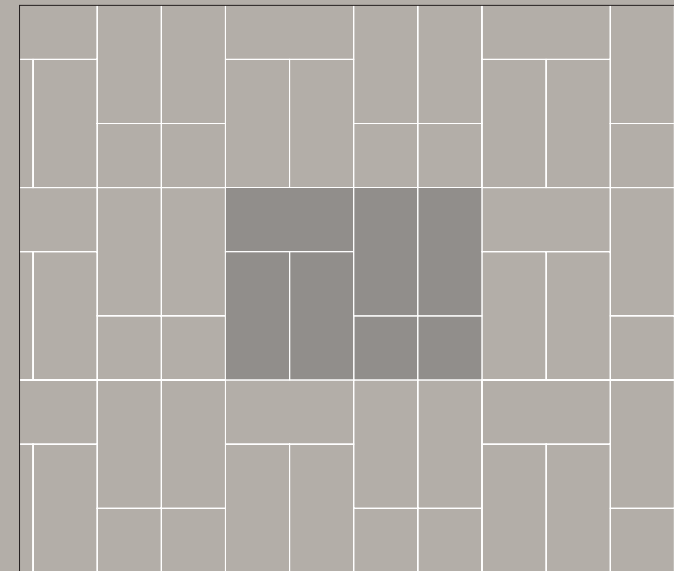
SCHEMI DI POSA/  
LAYING SYSTEM



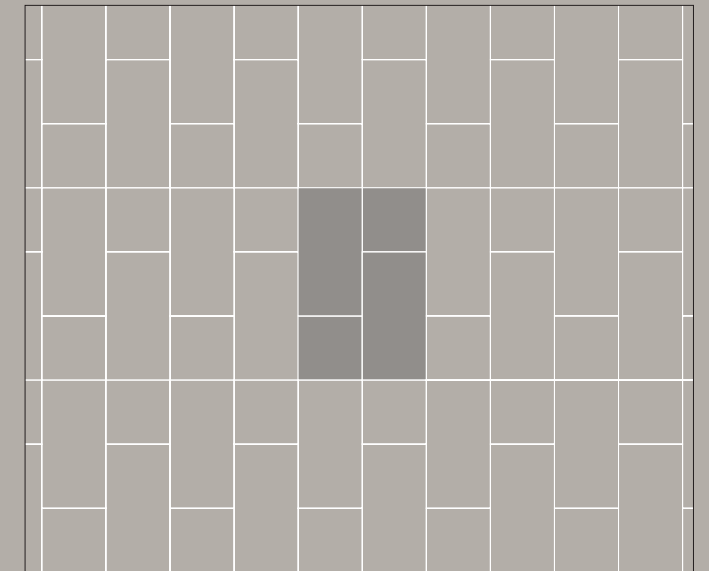
22,5x45,3 (8<sup>7/8</sup>"x17<sup>13/16</sup>") Not RT - 100%



22,5x45,3 (8<sup>7/8</sup>"x17<sup>13/16</sup>") Not RT - 44,44%  
22,5x22,5 (8"x48") Not RT - 55,55%



22,5x45,3 (8<sup>7/8</sup>"x17<sup>13/16</sup>") Not RT - 83,33%  
22,5x22,5 (8<sup>7/8</sup>"x8<sup>7/8</sup>") Not RT - 16,66%



22,5x45,3 (8<sup>7/8</sup>"x17<sup>13/16</sup>") Not RT - 66,66%  
22,5x22,5 (8"x48") Not RT - 33,33%

Qualora si vogliono realizzare gli schemi di posa modulari, prevedere una fuga di 3 mm per lo spessore 9 mm e fuga di 4 mm per lo spessore 20 mm.  
For modular laying, you have to consider a 3 mm joint for the 9 mm thickness and 4 mm joint for the 20 mm thickness.

Consigli di posa, pulizia e manutenzione al link [keope.com](http://keope.com)

Advice on laying, cleaning and maintenance at the link [keope.com](http://keope.com)

**1**  
FINITURA/  
FINISHING



FORMATI / SIZES

	22,5x45,3 8 <sup>7/8</sup> "x17 <sup>13/16</sup> "	22,5x22,5 8 <sup>7/8</sup> "x8 <sup>7/8</sup> "	60x90 24"x36"	22,5x45,4 8 <sup>7/8</sup> "x17 <sup>7/8</sup> "	22,5x22,5 8 <sup>7/8</sup> "x8 <sup>7/8</sup> "
working size			596x897		
	Not RT	Not RT	RT	Not RT	Not RT
	9 mm	9 mm	K2 20 mm	K2 20 mm	K2 20 mm
<b>MIDLAKE QUARTZGREY</b>	▲	▲	▲	▲	▲
<b>MIDLAKE PORFIDO</b>	▲	▲	▲	▲	▲
<b>MIDLAKE QUARTZBEIGE</b>	▲	▲	▲	▲	▲
<b>MIDLAKE ARDESIA</b>	▲	▲	▲	▲	▲

▲ Structured R11

MISURE, PESI ED IMBALLI / SIZE, WEIGHT AND PACKAGING

FORMATO SIZE	SPESSORE THICKNESS	PZ/SCATOLA PIECES/BOX	MQ/SCATOLA SQM/BOX	KG/SCATOLA KG/BOX	MQ/PALLET SQM/PALLET	KG/PALLET KG/PALLET	SCATOLA/PALLET BOX/PALLET
<b>22,5x45,3 Not RT</b>	9 mm	12	1,22	24,50	41,48	846,00	34
<b>22,5x22,5 Not RT</b>	9mm	20	1,01	20,25	42,53	863,50	42
<b>60x90 K2</b>	20 mm	2	1,08	48,50	19,44	886,56	18
<b>22,5x45,4 K2 Not RT</b>	20 mm	5	0,51	22,47	20,40	911,80	40
<b>22,5x22,5 K2 Not RT</b>	20 mm	11	0,56	24,50	22,24	993	40

INFORMAZIONI TECNICHE / TECHNICAL FEATURES

INFORMAZIONI TECNICHE TECHNICAL FEATURES	NORMA NORM EN 14411 - ISO 13006	REQUISITI PRESCRITTI REQUIRED VALUES	VALORI VALUES
 <b>DIMENSIONI RETTIFICATO</b> SIZES RECTIFIED	UNI EN ISO 10545-2	lunghezza-larghezza / lenght-width ±0,3% (±1,0 mm max) spessore / thickness ±5,0% (±0,5 mm max) ortogonalità / rectangularity ±0,3% (±1,5 mm max) rettilinearità / straightness ±0,3% (±0,8 mm max) planarità / flatness ±0,4% (±1,8 mm max) qualità superficie / surface quality ≥95%	<b>CONFORME</b> COMPLIANT
 <b>DIMENSIONI NON RETTIFICATO</b> SIZES NOT RECTIFIED	UNI EN ISO 10545-2	lunghezza-larghezza / lenght-width ±0,6% (±2,0 mm max) spessore / thickness ±5,0% (±0,5 mm max) ortogonalità / rectangularity ±0,5% (±2,0 mm max) rettilinearità / straightness ±0,5% (±1,5 mm max) planarità / flatness ±0,5% (±2,0 mm max) qualità superficie / surface quality ≥95%	<b>CONFORME</b> COMPLIANT
 <b>ASSORBIMENTO ACQUA</b> WATER ABSORPTION	UNI EN ISO 10545-3	≤0,5%	≤0,1%
 <b>RESISTENZA A ROTTURA</b> BREAKING STRENGTH	UNI EN ISO 10545-4	R≥35 N/mm <sup>2</sup> S≥700 N (<7,5 mm) S≥1300 N (≥7,5 mm)	<b>9 mm</b> <b>20 mm</b> <b>CONFORME</b> COMPLIANT R≥45 N/mm <sup>2</sup> S≥10000 N
 <b>RESISTENZA ABRASIONE PROFONDA (UGL - Matt)</b> DEEP ABRASION RESISTANCE (UGL - Matt)	UNI EN ISO 10545-6	≤175 mm <sup>3</sup>	≤150 mm <sup>3</sup>
 <b>RESISTENZA SHOCK TERMICI</b> THERMAL SHOCK RESISTANCE	UNI EN ISO 10545-9	resistenza / resistant	<b>CONFORME</b> COMPLIANT
 <b>RESISTENZA AL GELO</b> FROST RESISTANCE	UNI EN ISO 10545-12	resistenza / resistant	<b>CONFORME</b> COMPLIANT
 <b>RESISTENZA CHIMICA</b> CHEMICAL RESISTANCE	UNI EN ISO 10545-13	resistenza / resistant	<b>CONFORME</b> COMPLIANT
 <b>RESISTENZA ALLE MACCHIE</b> RESISTANCE TO STAINS	UNI EN ISO 10545-14	pulibile / cleanable	<b>CONFORME</b> COMPLIANT
	DIN 51130	R	prodotto / product R A+B+C >0,40 >0,42
 <b>CLASSIFICAZIONE ALTISDRUCCIOLIO</b> ASSESSMENT OF SLIP RESISTANCE	DIN 51097 B.C.R.A. (COF) ANSI A137.1 2012 (DCOF)	<b>A+B+C</b> >0,40 bagnato / wet >0,42 bagnato / wet	22,5x45,3 - 22,5x22,5 - 60x90 K2 - 22,5x45,4 K2 - 22,5x22,5 K2 R11 A+B+C <b>CONFORME</b> COMPLIANT

Piastrelle pressate a secco - Conforme alla norma EN 14411 e ISO 13006 appendice G gruppo B1-a con E ≤0,5%  
Dry pressed tiles - Compliant with standards EN 14411 and ISO 13006 annex G group B1-a with E ≤0,5%



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**IT\_**

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**EN\_**

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