

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

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.

OUTDOOR

22,5x22,5	9mm
22,5x45,3	9mm
60x90	K2 20mm
22,5x22,5	K2 20mm
22,5x45,4	K2 20mm

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



midlake quartzgrey



22,5x45,3 (8^{7/8}"x17^{13/16}"

midlake quartzgrey

porfido



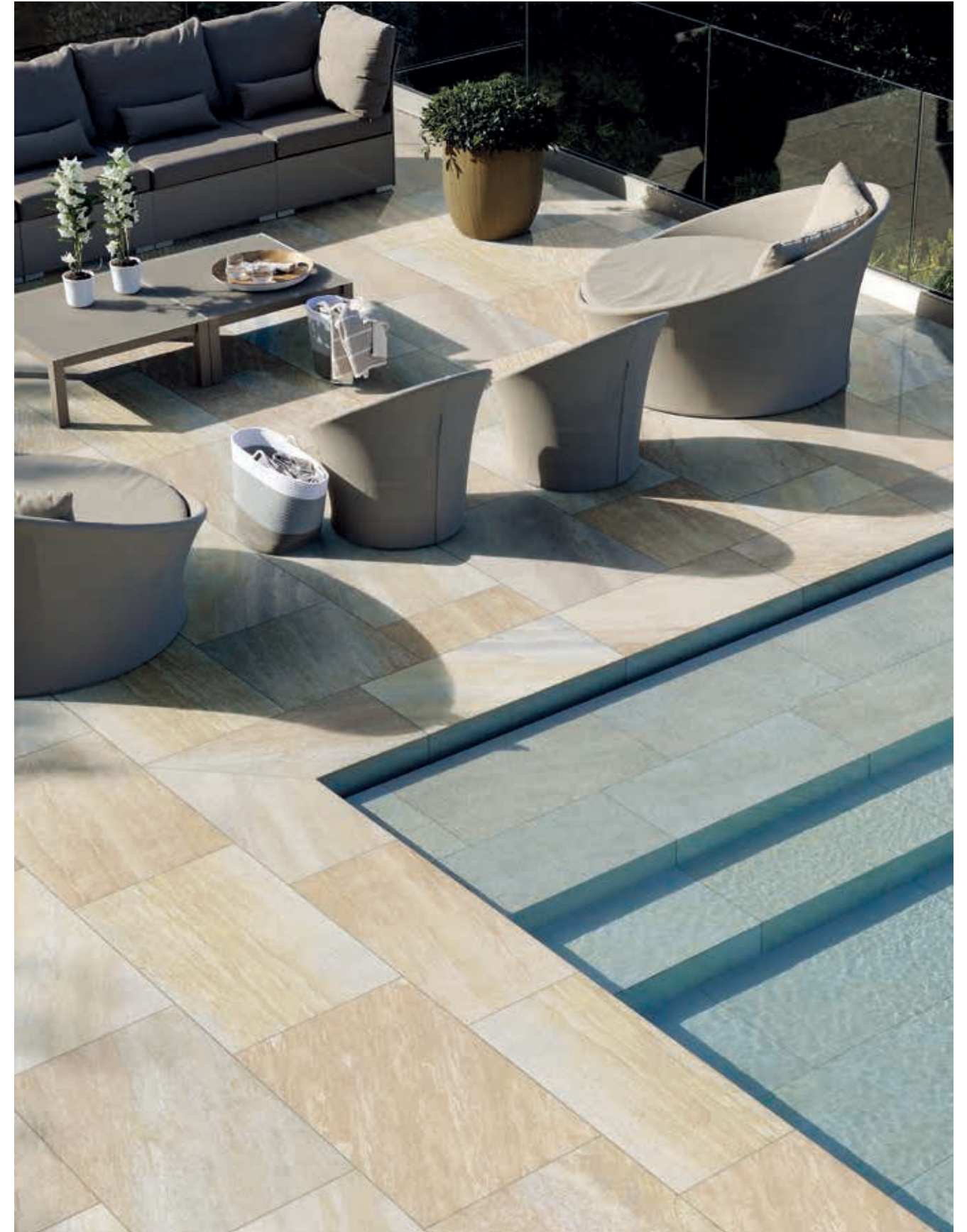
midlake porfido

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



midlake porfido

quartzbeige



midlake quartzbeige



22,5x22,5 (8^{7/8}"x8^{7/8}")



22,5x22,5 (8^{7/8}"x8^{7/8}")

midlake quartzbeige

ardesia





60x90 (24"x36") **K2** 20mm

midlake ardesia

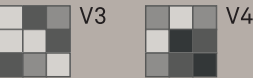
MIDLAKE

SPECIFICHE TECNICHE/ TECHNICAL FEATURES

GRES PORCELLANATO TUTTA MASSA UGL
FULL-BODY PORCELAIN UGL

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

STONALIZZAZIONE
SHADING



CLASSIFICAZIONE ANTISDRUCCIOLO
ASSESSMENT OF SLIP RESISTANCE

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

GRES PORCELLANATO /
PORCELAIN STONEWARE



INATTACCABILE DA ACIDI /
NOT ATTACKED BY ACIDS



FACILMENTE PULIBILE /
EASY TO CLEAN



ANTISDRUCCIOLO /
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/cm² di pressatura meccanica e cottura a 1.250°C /
500 kg/cm² 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 H₂O Nullo /
NULL H₂O 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



specs & tech

QUARTZGREY



PORFIDO



QUARTZBEIGE



ARDESIA



V3 V4

STONALIZZAZIONE/
SHADING

QUARTZGREY **V4**



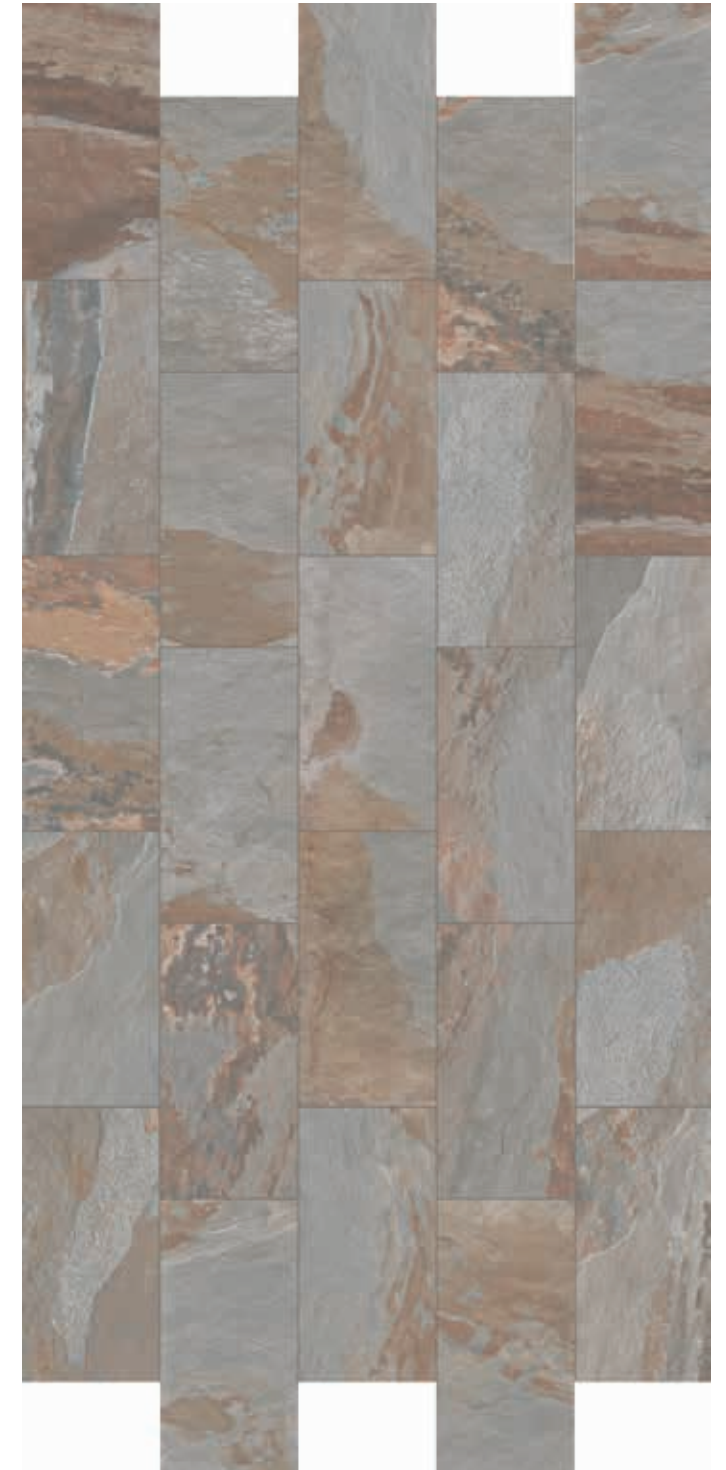
PORFIDO **V4**



QUARTZBEIGE **V3**

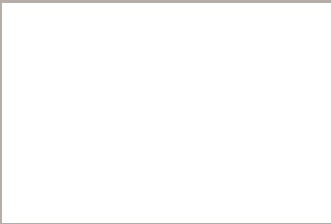


ARDESIA **V4**



specs & tech

5
FORMATI/
SIZES



▲ 60x90 (24"x36") RT ➡ **K2** 20 mm



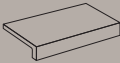
▲ 22,5x45,3 (8^{7/8}"x17^{13/16}") Not RT 9 mm
▲ 22,5x45,4 (8^{7/8}"x17^{7/8}") Not RT ➡ **K2** 20 mm



▲ 22,5x22,5 (8^{7/8}"x8^{7/8}") Not RT 9 mm
▲ 22,5x22,5 (8^{7/8}"x8^{7/8}") Not RT ➡ **K2** 20 mm

▲ Structured R11

2
PEZZI SPECIALI/
TRIMS

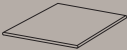


TERMINALE "L"
▲ 30x15x4 (12"x6"x1^{9/16}") Not RT 9 mm

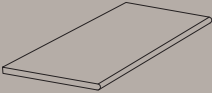


BATTISCOPA
▲ 7,2x45,3 (28"x17^{13/16}") Not RT 9 mm

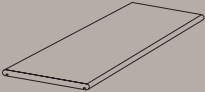
14
PEZZI SPECIALI K₂/
TRIMS K₂ / PIECES SPECIALES K₂ / FORMTEILE K₂ /
PIEZAS ESPECIALES K₂



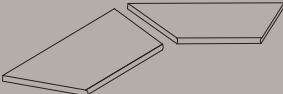
ANGOLARE BORDO CON TORO
CORNER STEP TREAD / NEZ DE MARCHE ANGULAIRE /
STUFENPLATTE ECKSTÜCK / ANGULAR CANTO ROMO
▲ 30x30 (12"x12") RT 20 mm



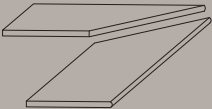
GRADINO BORDO CON TORO
ROUNDED STEP TREAD / NEZ DE MARCHE ARRONDI /
GERUNDET STUFENPLATTE / PELDAÑO CANTO ROMO
▲ 45x90 (18"x36") RT 20 mm
▲ 30x60 (12"x24") RT 20 mm



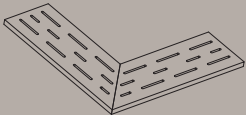
TOP
TOP STEP TREAD / NEZ DE MARCHE HAUT /
STUFENPLATTE TOP / TOP CANTO ROMO
▲ 30x60 (12"x24") RT 20 mm



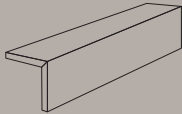
GRADINO ANGOLO INTERNO BORDO CON TORO
INT. CORNER STEP TREAD / ANGLE INT. NEZ DE MARCHE /
INNENECKTRITTSTUFE / ANG. INT. CANTO ROMO
▲ 45x90 (18"x36") RT 20 mm
▲ 30x60 (12"x24") RT 20 mm



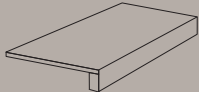
GRADINO ANGOLO ESTERNO BORDO CON TORO
EXT. CORNER STEP TREAD / ANGLE ÉXT. NEZ DE MARCHE /
AUSSENECKTRITTSTUFE / ANG. EXT. CANTO ROMO
▲ 45x90 (18"x36") RT 20 mm
▲ 30x60 (12"x24") RT 20 mm



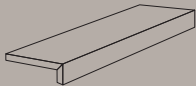
ANGOLARE GRIGLIA
GRID / GRIL / GRILL / ANGULAR REJILLA
▲ 15x60 (6"x24") RT 20 mm



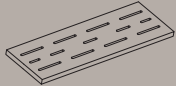
CORDOLO L
GLUED "L" TERMINAL / TERMINAL "L" COLLÉ /
"L" STÜCK FLIESE GEKLEBT / TERMINAL "L" (PEGADO)
▲ 60x20x15 (24"x8"x6") RT 20 mm



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

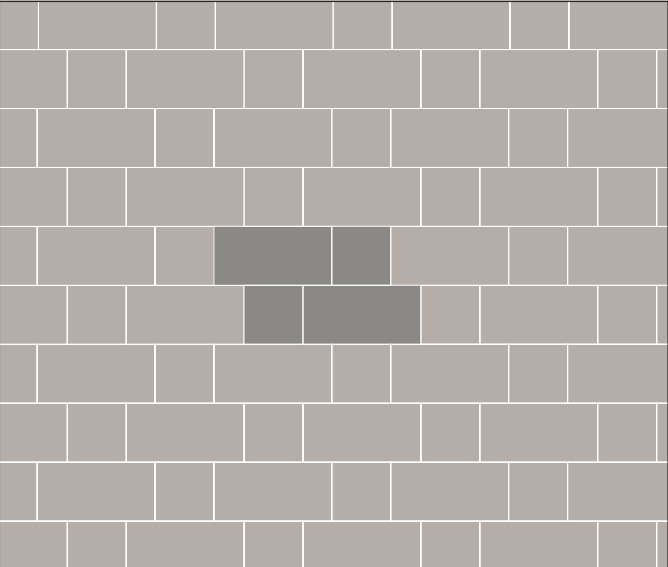


TERMINALE L
GLUED "L" TERMINAL / TERMINAL "L" COLLÉ /
"L" STÜCK FLIESE GEKLEBT / TERMINAL "L" (PEGADO)
▲ 90x45x15 (36"x18"x6") RT 20 mm
▲ 60x20x5 (24"x8"x2") RT 20 mm

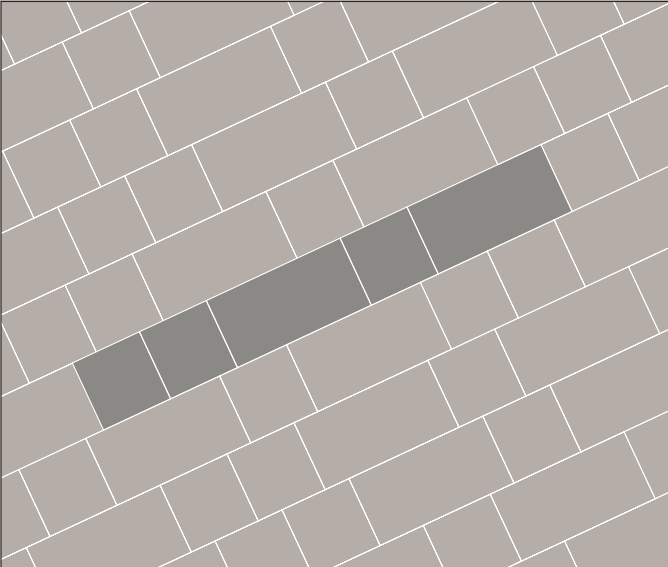


GRIGLIA
GRID / GRIL / GRILL / REJILLA
▲ 15x60 (6"x24") RT 20 mm

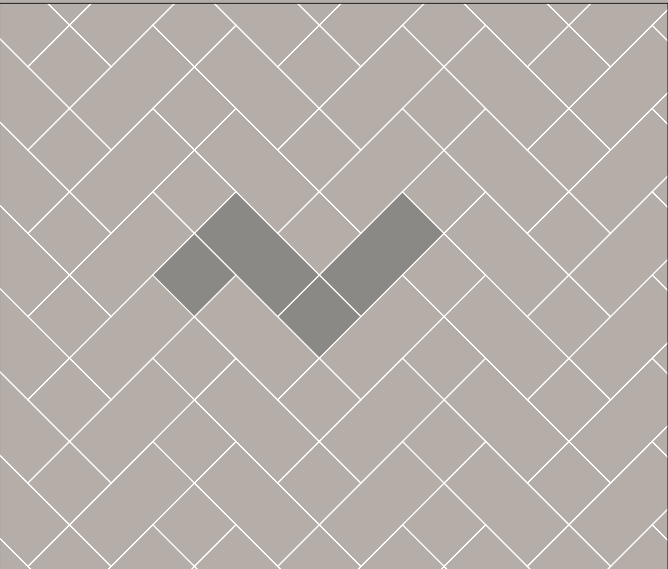
SCHEMI DI POSA/
LAYING SYSTEM



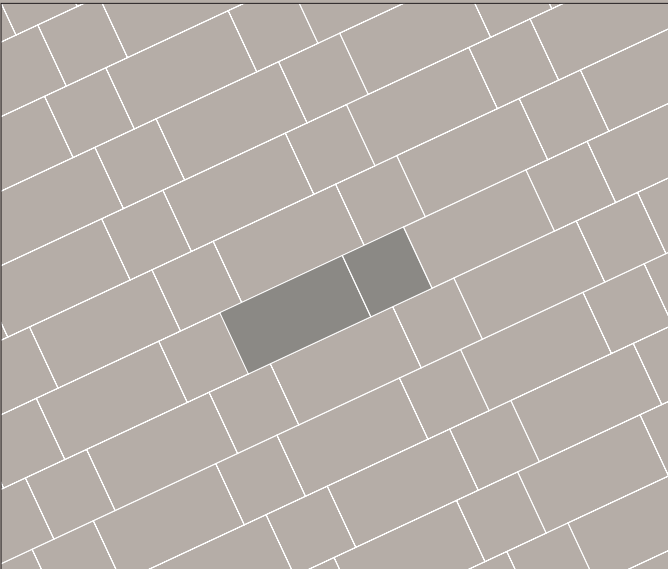
22,5x45,3 (8^{7/8"}x17^{13/16"}) Not RT - 66,66%
22,5x22,5 (8^{7/8"}x8^{7/8"}) Not RT - 33,33%



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



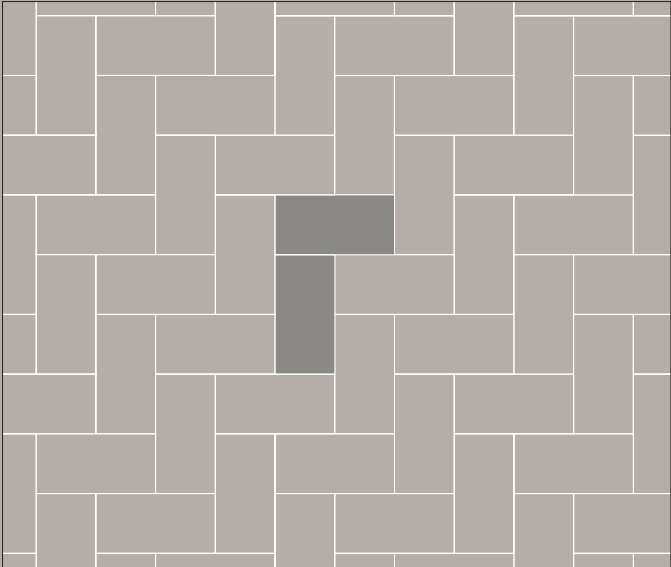
22,5x45,3 (8^{7/8"}x17^{13/16"}) Not RT - 66,66%
22,5x22,5 (8^{7/8"}x8^{7/8"}) Not RT - 33,33%



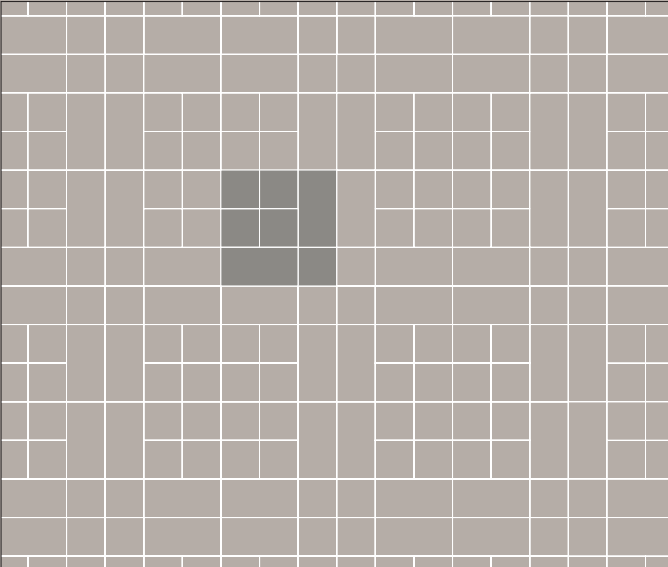
22,5x45,3 (8^{7/8"}x17^{13/16"}) Not RT - 66,66%
22,5x22,5 (8^{7/8"}x8^{7/8"}) Not RT - 33,33%



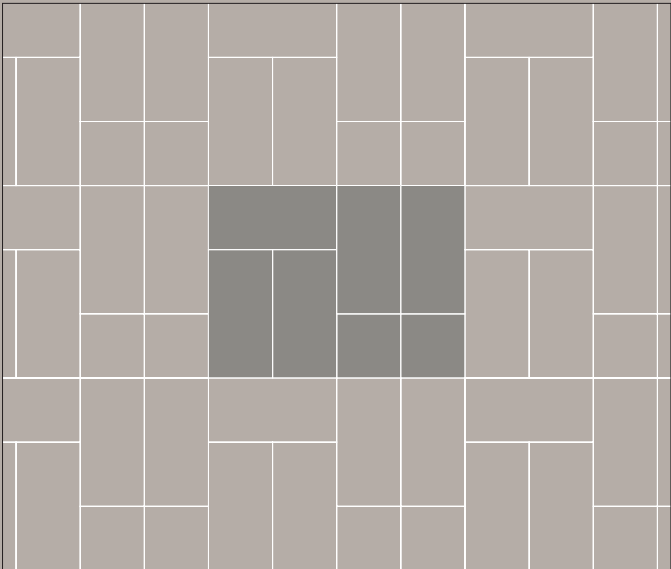
SCHEMI DI POSA/
LAYING SYSTEM



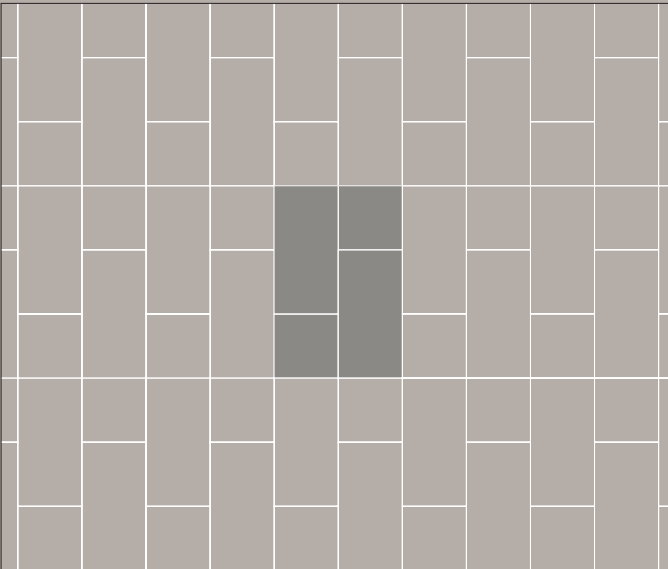
22,5x45,3 (8^{7/8"}x17^{13/16"}) Not RT - 100%



22,5x45,3 (8^{7/8"}x17^{13/16"}) Not RT - 44,44%
22,5x22,5 (8"x48") Not RT - 55,55%



22,5x45,3 (8^{7/8"}x17^{13/16"}) Not RT - 83,33%
22,5x22,5 (8^{7/8"}x8^{7/8"}) Not RT - 16,66%



22,5x45,3 (8^{7/8"}x17^{13/16"}) Not RT - 66,66%
22,5x22,5 (8"x48") Not RT - 33,33%

Qualora si vogliano 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 9mm thickness and 4 mm joint for the 20mm thickness.
Consigli di posa, pulizia e manutenzione al link [keope.com](https://www.keope.com)
Advice on laying, cleaning and maintenance at the link [keope.com](https://www.keope.com)

specs & tech

1

FINITURA/
FINISHING

Structured R₁₁



FORMATI / SIZES

working size	22,5x45,3 <i>8^{7/8}"x17^{13/16}"</i>	22,5x22,5 <i>8^{7/8}"x8^{7/8}"</i>	60x90 <i>24"x36"</i>	22,5x45,4 <i>8^{7/8}"x17^{7/8}"</i>	22,5x22,5 <i>8^{7/8}"x8^{7/8}"</i>
			596x897		
	Not RT	Not RT	RT	Not RT	Not RT
	9 mm	9 mm	K2 20 mm	K2 20 mm	K2 20 mm
MIDLAKE QUARTZGREY	▲	▲	▲	▲	▲
MIDLAKE PORFIDO	▲	▲	▲	▲	▲
MIDLAKE QUARTZBEIGE	▲	▲	▲	▲	▲
MIDLAKE ARDESIA	▲	▲	▲	▲	▲
▲ 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
22,5x45,3 Not RT	9 mm	12	1,22	24,50	41,48	846,00	34
22,5x22,5 Not RT	9mm	20	1,01	20,25	42,53	863,50	42
60x90 K2	20 mm	2	1,08	48,50	19,44	886,56	18
22,5x45,4 K2 Not RT	20 mm	5	0,51	22,47	20,40	911,80	40
22,5x22,5 K2 Not RT	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	
	DIMENSIONI RETTIFICATO <i>SIZES RECTIFIED</i>	UNI EN ISO 10545-2	lunghezza-larghezza / <i>lenght-width</i> ±0,3% (±1,0 mm max) spessore / <i>thickness</i> ±5,0% (±0,5 mm max) ortogonalità / <i>rectangularity</i> ±0,3% (±1,5 mm max) rettilinearità / <i>straightness</i> ±0,3% (±0,8 mm max) planarità / <i>flatness</i> ±0,4% (±1,8 mm max) qualità superficie / <i>surface quality</i> ≥95%		CONFORME <i>COMPLIANT</i>	
	DIMENSIONI NON RETTIFICATO <i>SIZES NOT RECTIFIED</i>	UNI EN ISO 10545-2	lunghezza-larghezza / <i>lenght-width</i> ±0,6% (±2,0 mm max) spessore / <i>thickness</i> ±5,0% (±0,5 mm max) ortogonalità / <i>rectangularity</i> ±0,5% (±2,0 mm max) rettilinearità / <i>straightness</i> ±0,5% (±1,5 mm max) planarità / <i>flatness</i> ±0,5% (±2,0 mm max) qualità superficie / <i>surface quality</i> ≥95%		CONFORME <i>COMPLIANT</i>	
	ASSORBIMENTO ACQUA <i>WATER ABSORPTION</i>	UNI EN ISO 10545-3	≤0,5%		≤0,1%	
	RESISTENZA A ROTTURA <i>BREAKING STRENGHT</i>	UNI EN ISO 10545-4	R≥35 N/mm² S≥700 N (<7,5 mm) S≥1300 N (≥7,5 mm)		9 mm	20 mm
					CONFORME <i>COMPLIANT</i>	R≥45 N/mm² S≥10000 N
	RESISTENZA ABRASIONE PROFONDA (UGL - Matt) <i>DEEP ABRASION RESISTANCE (UGL - Matt)</i>	UNI EN ISO 10545-6	≤175 mm³		≤150 mm³	
	RESISTENZA SHOCK TERMICI <i>THERMAL SHOCK RESISTANCE</i>	UNI EN ISO 10545-9	resistenza / <i>resistant</i>		CONFORME <i>COMPLIANT</i>	
	RESISTENZA AL GELO <i>FROST RESISTANCE</i>	UNI EN ISO 10545-12	resistenza / <i>resistant</i>		CONFORME <i>COMPLIANT</i>	
	RESISTENZA CHIMICA <i>CHEMICAL RESISTANCE</i>	UNI EN ISO 10545-13	resistenza / <i>resistant</i>		CONFORME <i>COMPLIANT</i>	
	RESISTENZA ALLE MACCHIE <i>RESISTANCE TO STAINS</i>	UNI EN ISO 10545-14	pulibile / <i>cleanable</i>		CONFORME <i>COMPLIANT</i>	
	CLASSIFICAZIONE ALTISDRUCCIOLO <i>ASSESSMENT OF SLIP RESISTANCE</i>	DIN 51130	R	prodotto / <i>product</i>	R	A+B+C >0,40 >0,42
		DIN 51097	A+B+C			
		B.C.R.A. (COF) ANSI A137.1 2012 (DCOF)	>0,40 bagnato / <i>wet</i> >0,42 bagnato / <i>wet</i>	22,5x45,3 - 22,5x22,5 - 60x90 K2 - 22,5x45,4 K2 - 22,5x22,5 K2	R11 A+B+C	CONFORME <i>COMPLIANT</i>

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%

specs & tech