

THE ROCK

FROM NATURE
TO MATTER



LEA
CERAMICHE



Embodies the
beauty of stone.
The new collection
"The Rock", an
expression of
contemporary
texture.

**TAUPE
ROCK**

Floor
18"x36"



**TAUPE
ROCK**

Floor
18"x36"





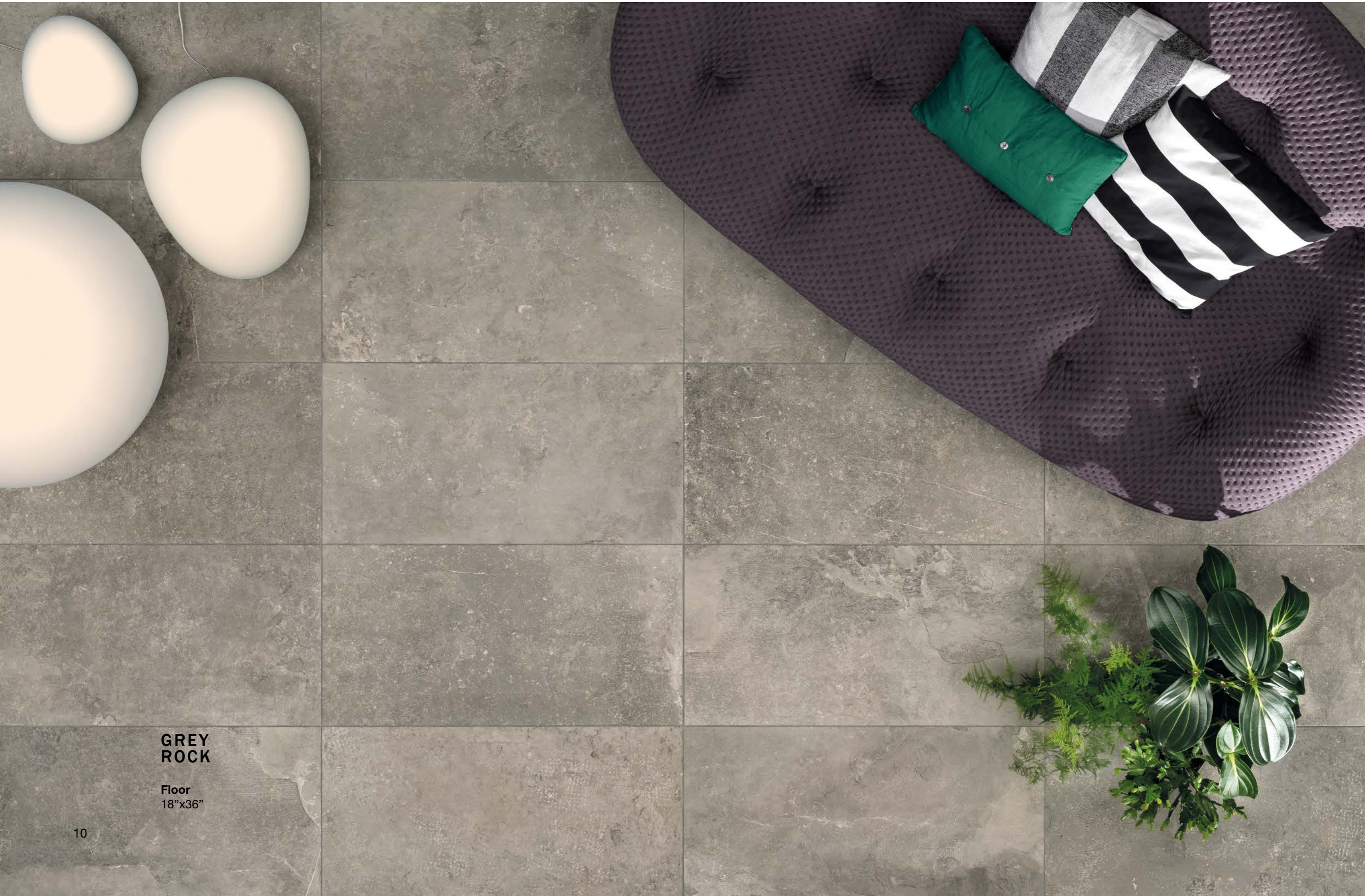
**TAUPE
ROCK**

Floor
24"x24"



GREY ROCK

Floor
24"x24"
Wall
12"x24" - muretto 12"x12"



**GREY
ROCK**

Floor
18"x36"



**GREY
ROCK**

Floor
18"x36"





**GREY
ROCK**

Floor
18"x36"

IVORY ROCK

Floor
18"x36"

Different graphics, a different one for each module in four color hues, offer a modern interpretation of natural textures.



**IVORY
ROCK**

Floor
18"x36"





**IVORY
ROCK**

Floor
18"x36"

BLACK ROCK

Increasingly refined digital prints give a textural depth to the surface for a natural and worn effect. The combination of graphics is well-balanced and aesthetically pleasing, and the interposition of chromatic nuances give an important character to any space.



Floor
18"x36"

**BLACK
ROCK**

Floor
18"x36"





**BLACK
ROCK**

Floor
18"x36"

**BLACK
ROCK**

Floor
18"x36"



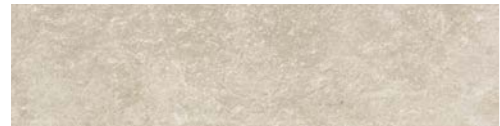
**BLACK
ROCK**

Floor
18"x36"

IVORY ROCK



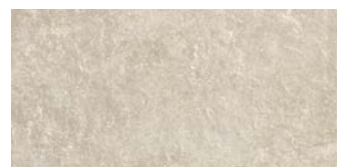
18"x36" rtt LGGR120



9"x36" rtt LG3R120



24"x24" rtt LGWR120



12"x24" rtt LGVR120

TAUPE ROCK



18"x36" rtt LGGR130



9"x36" rtt LG3R130



24"x24" rtt LGWR130



12"x24" rtt LGVR130

GREY ROCK



18"x36" rtt LGGR110



9"x36" rtt LG3R110



24"x24" rtt LGWR110



12"x24" rtt LGVR110

BLACK ROCK



18"x36" rtt LGGR100



9"x36" rtt LG3R100

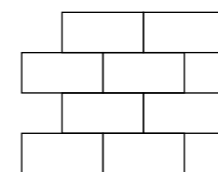


24"x24" rtt LGWR100

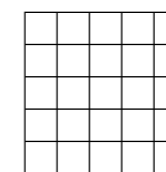


12"x24" rtt LGVR100

DECORS

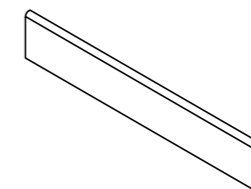


MURETTO
12"x12"
ivory rock LG9R120
taupe rock LG9R130
grey rock LG9R110
black rock LG9R100



MOSAIC 25
12"x12"
ivory rock LG9RIM2
taupe rock LG9RIM3
grey rock LG9RIM1
black rock LG9RIM0

TRIMS

















BULLNOSE
4"x24"
ivory rock LGBR120
taupe rock LGBR130
grey rock LGBR110
black rock LGBR100

THE ROCK

full body porcelain UGL









ACCORDING TO:
ANSI A137.1 - UNGLAZED PORCELAIN TILES CLASS P1

thickness 10mm

TECHNICAL FEATURES	test method	required values	average values
 water absorption	ASTM C373	≤ 0.5%	0.1%
 breaking strength	ASTM C648	≥ 250 lbf	600 lbf
 modulus of rupture	ASTM C1505	-	6000 PSI
 deep abrasion resistance	ASTM C1243	≤ 175 mm ³	145 mm ³
 linear thermal expansion	ASTM C372	no provision	$\alpha \leq 8 \times 10^{-6} \text{ } ^\circ\text{C}^{-1}$ $\alpha \leq 4.4 \times 10^{-6} \text{ } ^\circ\text{F}^{-1}$
 stain resistance	ASTM C1378	as indicated by manufacturer	A RESISTANT
 chemical resistance*	ASTM C650	as indicated by manufacturer	A RESISTANT
 frost resistance	ASTM C1026	as indicated by manufacturer	RESISTANT
 slip resistance	ANSI A137.1	DCOF ≥ 0.42	DCOF ≥ 0.42
 flame spread	ASTM E84	-	Class A
 robinson floor tester	ASTM C627	as indicated by manufacturer	≥ 14 cycles Extra Heavy Commercial (over concrete)
 thermal conductivity	EN 12524	-	$\lambda = 1,3 \text{ W/m}^\circ\text{K} - 0.7 \text{ Btu/ft h}^\circ\text{F}$
 recommended minimum joint	RECT (indoor)	-	2mm
 shade variation	ANSI A137.1	-	V4

*excluding hydrofluoric acid and derivatives

USES

 hotels	 public spaces
 housing	 airports
 bar - restaurants	 malls
 shops	 train stations

PACKING

article	carton			pallet		
	pcs.	sf	kg	cts.	sf	kg
field tile 18"x36"	3	1.22	27.5	28	34.2	770.0
field tile 9"x36"	6	1.23	27.5	48	59.0	1320.0
field tiles 24"x24"	4	1.45	32.5	32	46.4	1040.0
field tiles 12"x24"	7	1.27	28.5	32	40.6	912.0
muretto 12"x12"	5	0.45	10.4	48	21.6	499.2
mosaic 25 12"x12"	4	0.36	8.3	90	32.4	750.6
bullnose 4"x24"	12	7.20	15.5	60	43.2	928.8

The photographs and descriptions of Lea Ceramiche products given in the brochures, catalogues and other corporate advertising materials aim merely to represent the specific products. After the publication of the corporate advertising materials, the products may be slightly modified as a result of technological improvements. Such technological modifications may lead to slight differences in appearance and/or colour of the products, which may therefore differ from the representations, illustrations or descriptions given in the Lea Ceramiche advertising materials. Such differences shall in no way be deemed to be faults and/or defects in the ceramic materials, but rather intrinsic features of the specific products. All ceramic materials that imitate natural stone differ in color and nuances, and this cannot in any way be considered as a product defect, but rather a characteristic of these types of products.



leed*



made in usa

LEA CERAMICHE

40%



RECYCLED CERAMIC CONTENT
(PRECONSUMER MATERIALS)
LEED COMPLIANT CREDIT MIN 4

Product Certification
BUREAU VERITAS
Certification



leed**



dcof ≥ 0.42



greenguard



Certified by UL Environment

green squared

* LEED
Through Panariagroup Industrie Ceramiche S.p.A., Lea Ceramiche is an ordinary member of the U.S. Green Building Council.

** LEED
The Rock is produced with 40% of pre-consumer materials, as certified by a qualified external company (certificate available on the website www.ceramichelea.com).

100% REUSE OF UNFIRED TILES

Crude waste generated by the process is reintegrated in the production cycle with no costs for the environment. This contributes to the safeguard of natural resources.

100% REUSE/RECYCLING OF THE INDUSTRIAL WASTE - FIRED TILES

The waste-fired tiles are fully reused in the production cycle. In addition, at the end of life, Lea tiles can be recycled as materials for substrates for roads and buildings, thus reducing the use of gravel and natural aggregates commonly used in building.

100% OF NON CERAMIC WASTE

Is differentiated and recycled in other production cycles.

100% WATER RECYCLING

The water used in the production process is 100% recycled. The water demand is reduced by about 60% by this mean. No industrial water is discharged in the ecosystem.

LEA PACKING MATERIAL IS 100% RECYCLABLE

(carton boxes, plastic packaging materials, wooden pallets, straps, etc.).

METHANE CONSUMPTION IS HIGHLY REDUCED

By the use of up to date technologies and customized installations.

LOW EMISSIONS IN THE ATMOSPHERE

Lea production plant strictly complies to US Standards with a very small amount of gas emissions in the atmosphere.

SAFETY REQUIREMENTS: NO FIRE REACTION

All of Lea's ceramic tile products are Class A building materials as described in ASTM E84 - Standard Test Method for Surface Burning Characteristics of Building Materials. This is due to the flame spread rating of (O) and smoke developed rating of (O) falling within the ranges of a Class A material. Other building codes refer to this as a Type I material in accordance with NFPA 255.

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TO MATTER

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