



100% Guaranteed ~ Built to Last

MORGANA



A new **visual concept** that describes the Leonardo products - 100% Guaranteed.

An **impossible** figure that overcomes the unstable, changing and inadvertent elements of reality to become an **absolute and eternal material**.

A figure which, like Leonardo products, positions itself **beyond time and physical space**.

The Leonardo ceramic surfaces - 100% Guaranteed, are achieved exclusively with **a mix of quality raw materials**, and with no need for the intervention of digital decoration.

This production technology makes the surfaces **truly unique**, creating a perfect harmony between performance and contemporary aesthetic yield.

Furthermore, it offers floors and cladding an exceptional stability and durability no matter where it is used, well **beyond the limits of imagination**.

BUILT TO LAST.



**100% Guaranteed
Built to Last**

Un nuovo **visual concept** che descrive i prodotti Leonardo - 100% Garantito.

Una figura **impossibile**, che supera gli elementi instabili, mutevoli e accidentali della realtà per diventare **materia eterna, assoluta**.

Una figura che, come i prodotti Leonardo, si colloca **oltre il tempo e oltre lo spazio fisico**.

Le superfici ceramiche Leonardo - 100% Garantito sono ottenute esclusivamente con la **miscelazione di materie prime nobili**, senza alcun intervento di decorazione digitale.

Questa tecnologia produttiva rende le superfici **realmente uniche**, in perfetto equilibrio tra prestazione e resa estetica contemporanea.

Inoltre, assicura a pavimenti e rivestimenti una stabilità e una durevolezza straordinarie in qualsiasi contesto d'uso, **oltre i limiti del possibile**.

BUILT TO LAST.

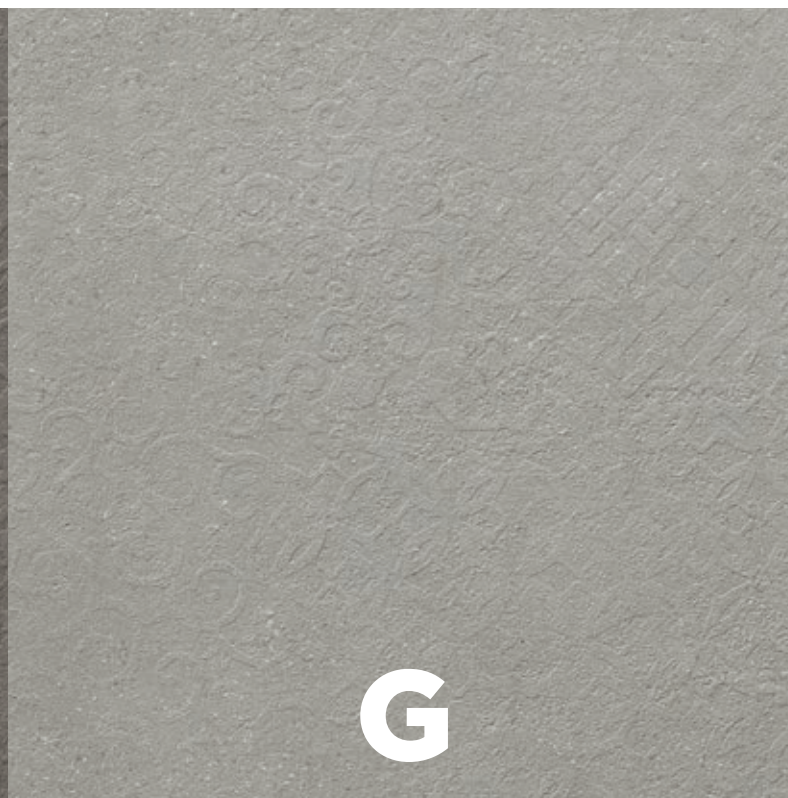
THE RANGE

La gamma



DG

MORGANA
dark grey



G

MORGANA
grey



W

MORGANA
white



S

MORGANA
sand

MORGANA BY LEONARDO

THE ENERGY OF CONCRETE, THE CHARM OF DECORATION.

L'energia del cemento,
il fascino della decorazione.

The new **Morgana** collection crystallizes aesthetic-design rigor on the ceramic slab of the concrete and the discreet elegance of the decoration.

A monotonous material surface, characterized by a slight chromatic shading, on which emerges a delicate and irregular texture of relief decorations that are revealed against the light, producing luminescent reflections.

An ideal solution for residential and commercial environments that seek the charm of industrial materials with a touch of light and sophistication.

La nuova collezione **Morgana** cristallizza sulla lastra ceramica il rigore estetico-progettuale del cemento e l'eleganza discreta della decorazione.

Una superficie materica monotono, caratterizzata da una leggera stonizzazione cromatica, su cui affiora una trama delicata e irregolare di decori in rilievo che si svelano in controluce, producendo riflessi luminescenti.

Una soluzione ideale per ambienti residenziali e commerciali che ricercano il fascino del materiale industriale con un tocco di luce e raffinatezza.

MORGANA

Leonardo's technological and performance soul unites to the delicacy of the decoration, which *through the see-through* perception it infuses the rooms with an imprint of seductive mystery.

Hence the name of the collection, which refers to the shape fascinating optical illusion visible just above the horizon.

Morgana is available in 4 colors (dark grey, grey, white, sand) and in 3 formats (120x120 cm, 60x120 cm, 60x60 cm) with a thickness of 10.5 mm. The range is completed by the mosaic in the 30x30 cm format.

Morgana is **100% GUARANTEED**: the seal of guarantee on the Leonardo products - Crush, Icon, Overcome, Endless, Attitude - for the design of rooms and surfaces requiring maximum stability and durability.

Because Leonardo is **Built to Last**: *beyond time and physical space*.

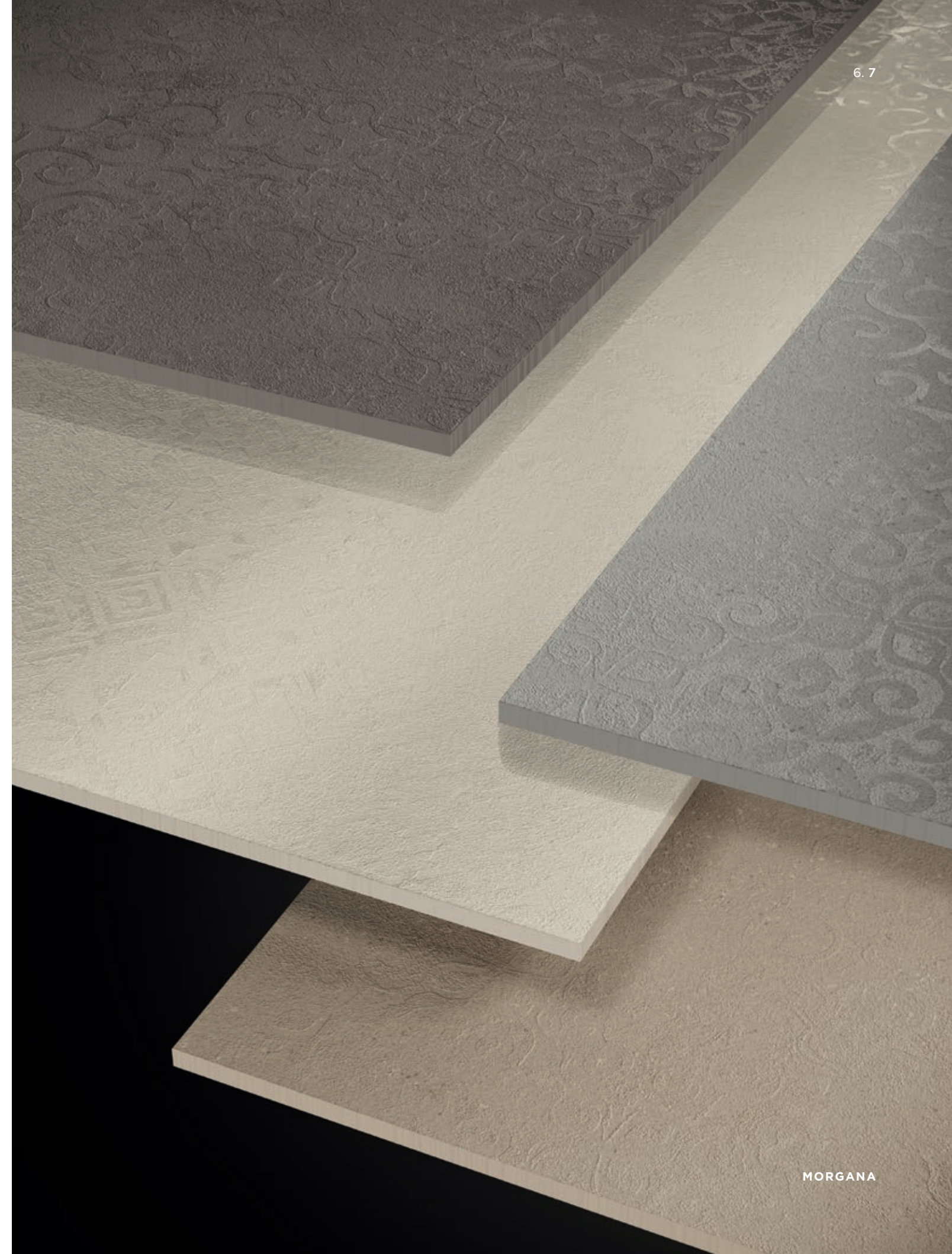
L'anima tecnologica e prestazionale di Leonardo si unisce alla delicatezza del decoro, che attraverso la percezione *vedo-non-vedo* infonde agli ambienti un'impronta di seducente mistero.

Da qui il nome della collezione, che si richiama alla forma affascinante di illusione ottica visibile appena sopra l'orizzonte.

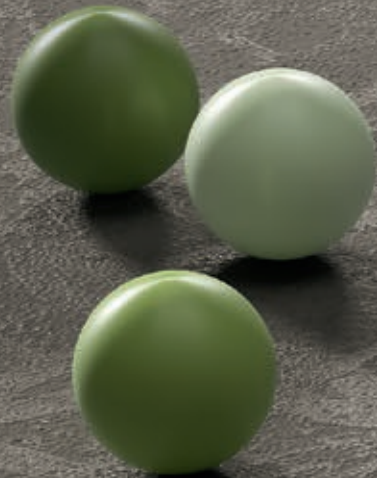
Morgana è disponibile in 4 colori (grigio scuro, grigio, bianco, sabbia) e in 3 formati (120x120 cm, 60x120 cm, 60x60 cm) con spessore 10.5 mm. Completa la gamma il mosaico nel formato 30x30 cm.

Morgana è **100% GUARANTEED**: il sigillo di garanzia dei prodotti Leonardo - Crush, Icon, Overcome, Endless, Attitude - per la progettazione di ambienti e superfici che richiedono la massima stabilità e durezza.

Perché Leonardo è **Built to Last**: oltre il tempo e oltre lo spazio fisico.



MORGANA
dark grey **DG**



LEONARDO 100% GUARANTEED

MORGANA DG
dark grey

Floor and walls
Pavimento e pareti

MRGN 120DG RM



MORGANA DARK GREY





LEONARDO 100% GUARANTEED

MORGANA **G**
grey

Floor and walls
Pavimento e pareti

MRGN 120G RM

16. 17



MORGANA GREY



MORGANA
white **W**



LEONARDO 100% GUARANTEED

MORGANA
white **W**

Floor and walls
Pavimento e pareti

MRGN 120W RM





MORGANA
sand **S**



LEONARDO 100% GUARANTEED

MORGANA
sand **S**

Floor and walls
Pavimento e pareti

MRGN 120S RM

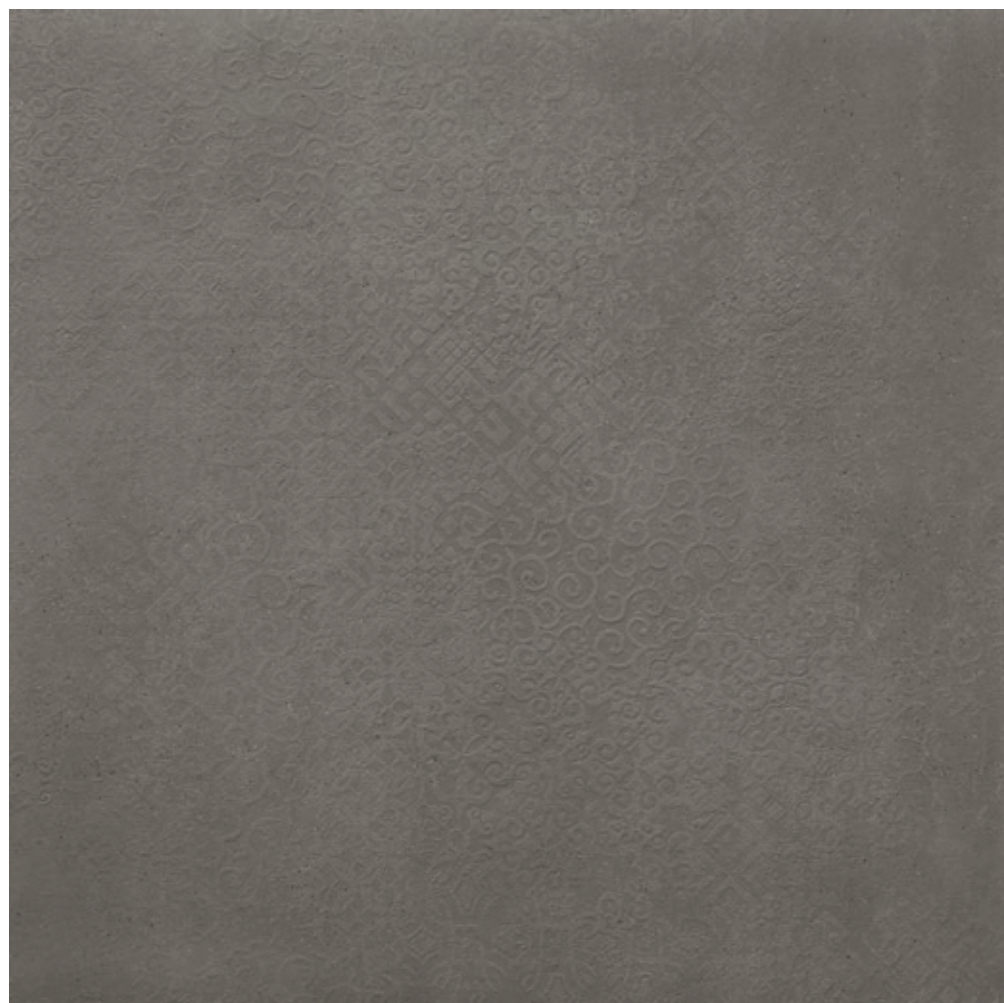
28. 29



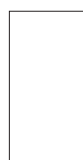
MORGANA SAND



MORGANA
dark grey



120x120
48"x48"



60x120
24"x48"



60x60
24"x24"



MRGN 120DG RM

MRGN 12DG RM

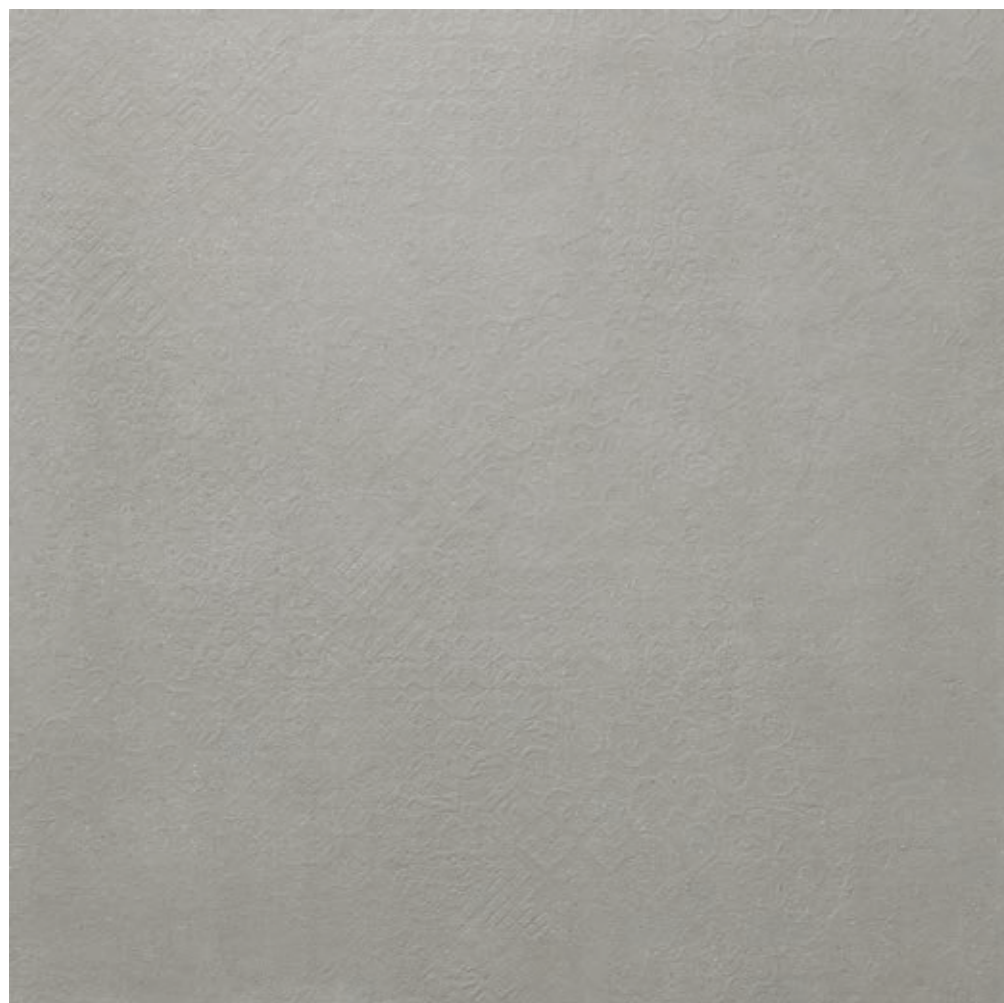
MRGN 60DG RM



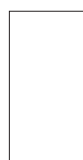
MRGN R120DG RM

MRGN R60DG RM

MORGANA
grey 



120x120
48"x48"



60x120
24"x48"



60x60
24"x24"



MRGN 120G RM

MRGN 12G RM

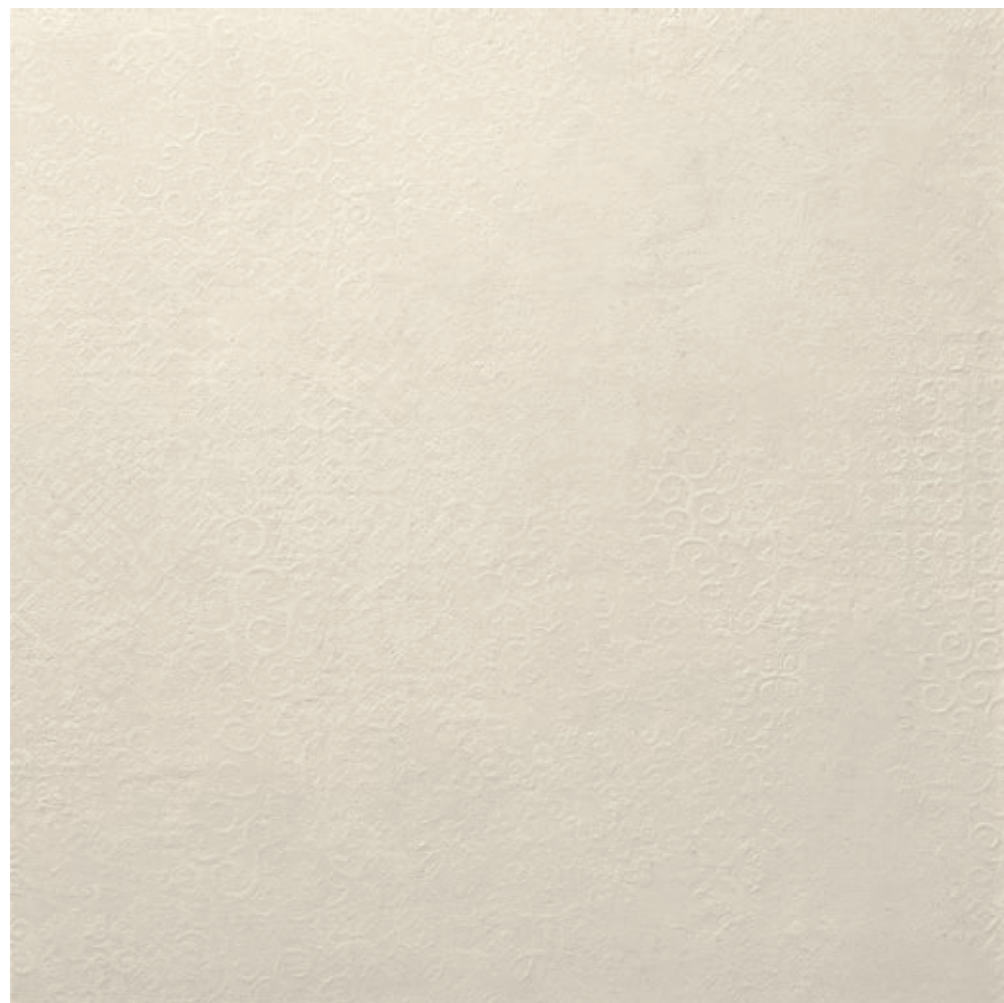
MRGN 60G RM



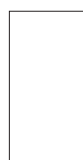
MRGN R120G RM

MRGN R60G RM

MORGANA
white



120x120
48"x48"



60x120
24"x48"



60x60
24"x24"



MRGN 120W RM

MRGN 12W RM

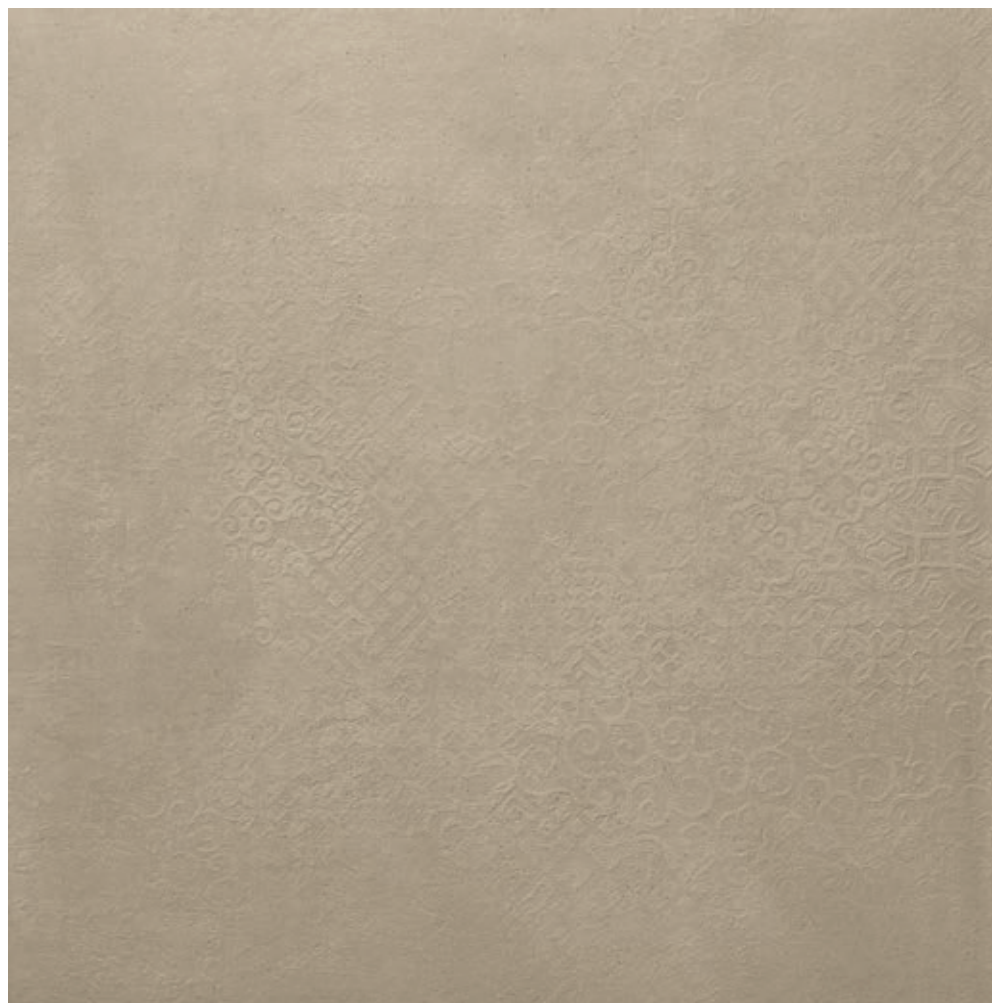
MRGN 60W RM



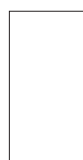
MRGN R120W RM

MRGN R60W RM

MORGANA
sand 



120x120
48"x48"



60x120
24"x48"



60x60
24"x24"



MRGN 120S RM

MRGN 12S RM

MRGN 60S RM



MRGN R120S RM

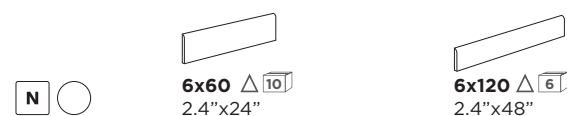
MRGN R60S RM

LEONARDO

THROUGH-BODY PORCELAIN TILE
GRES PORCELLANATO A TUTTA MASSA



TRIMS
PEZZI SPECIALI



MORGANA DG	MRGN BT60DG	MRGN BT120DG
MORGANA G	MRGN BT60G	MRGN BT120G
MORGANA W	MRGN BT60W	MRGN BT120W
MORGANA S	MRGN BT60S	MRGN BT120S

PACKING
IMBALLI

NOMINAL SIZE FORMATO NOMINALE	EDGE BORDO	THICKNESS SPESSORE	BOX			PALLET		
			PCS/BOX PZ/BOX	SM/BOX MQ/BOX	KG/BOX KG/BOX	BOX/PALLET BOXES/PALLET	MQ/PALLET SM/PALLET	KG/PALLET KG/PALLET
120x120 - 48"x48"	rectified	10,5	1	1,44	34,59	36	51,84	1265,38
60x120 - 24"x48"	rectified	10,5	2	1,44	36,55	27	38,88	1006,85
60x60 - 24"x24"	rectified	10,5	3	1,08	26,50	32	34,56	868

ART.	DIN EN 16165 Annex B / DIN 51130 (R)	DIN EN 16165 Annex A / DIN 51097 (A+B+C)	B.C.R. DM 14/6/89 N.236		PENDULUM BS EN16165 Annex C / BS7976 (INGLESE)	PENDULUM AS/NZS 4856 (AUSTRALIANO)	PENDULUM UNE 41901/ 12633 (SPAGNOLO)	BOT 3000 (DCOF) ANSI 326.3 (AMERICANO)
			c.a.	g.b.				
MORGANA	R10	A+B	> 0,4	> 0,4	> 25	> 25	1	> 0.42
MORGANA R	R11	B+C	> 0,4	> 0,4	> 36	> 45	3	> 0.42

Valori medi riferiti al prodotto integro prima della posa. / Average value referred to the full tile before installation.

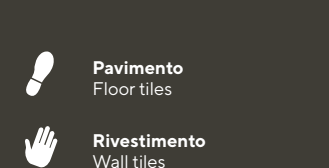
CARATTERISTICHE TECNICHE GRES PORCELLANATO / TECHNICAL SPECIFICATIONS PORCELAIN STONEWARE
UNI EN 14411 (ISO 13006) - B1a (appendice/appendix G)

CARATTERISTICA Specification	METODO DI PROVA Test methods	REQUISITI PREVISTI DALLA NORMA Requirements in accordance to the standards	VALORE MEDIO IMOLA IMOLA average value
DIMENSIONI E ASPETTO DIMENSIONS AND APPEARANCE	ISO 10545-2	PROSPETTO G.1 PROSPECT G.1	CONFORME COMPLIANT
ASSORBIMENTO D'ACQUA WATER ABSORPTION	ISO 10545-3	≤ 0,5%	< 0,1%
RESISTENZA A FLESSIONE FLEXURAL RESISTANCE		min./MIH 35 N/mm ²	> 45 N/mm ²
SFORZO DI ROTTURA BREAKING STRENGTH	ISO 10545-4	SPESSORE / THICKNESS ≥ 7,5 mm: min. 700 N	SPESSORE* THICKNESS* 6,5 mm 1800 N* 10 mm* 3000 N* 20 mm* 13000 N*
RESISTENZA ALL'ABRASIONE PROFONDA DEEP ABRASION RESISTANCE	ISO 10545-6	≤ 175 mm ³	< 140 mm ³
COEFFICIENTE DILATAZIONE TERMICA LINEARE (α) LINEAR EXPANSION THERMIC COEFFICIENT	ISO 10545-8	METODO DISPONIBILE AVAILABLE ON REQUEST	≤ 7x10 ⁻⁶ °C ⁻¹
RESISTENZA AGLI SBALZI TERMICI RESISTANCE TO SUDDEN TEMPERATURE CHANGES	ISO 10545-9	METODO DISPONIBILE AVAILABLE ON REQUEST	RESISTE RESISTANT
RESISTENZA AL GELO FROST RESISTANCE	ISO 10545-12	RICHIESTA ALWAYS TESTED	RESISTE RESISTANT
PRODOTTI CHIMICI AD USO DOMESTICO ED ADDITIVI PER PISCINA HOUSEHOLD CHEMICALS AND SWIMMING POOL WATER CLEANSERS		min. B	min. B
ACIDI ED ALCALI A BASSA CONCENTRAZIONE ACIDS AND LOW CONCENTRATION ALKALIS	ISO 10545-13	DA LA, LB A LC FROM LA, LB TO LC / DE LA, LB A LC	DA LA, LB A LC FROM LA, LB TO LC / DE LA, LB A LC
ACIDI ED ALCALI AD ALTA CONCENTRAZIONE ACIDS AND HIGH CONCENTRATION ALKALIS		METODO DISPONIBILE AVAILABLE ON REQUEST	METODO DISPONIBILE AVAILABLE ON REQUEST
RESISTENZA ALLE MACCHIE UGL STAIN RESISTANCE UGL	ISO 10545-14	METODO DISPONIBILE AVAILABLE ON REQUEST	METODO DISPONIBILE AVAILABLE ON REQUEST
RESISTENZA ALLE MACCHIE GL STAIN RESISTANCE GL		min. 3	min. 3

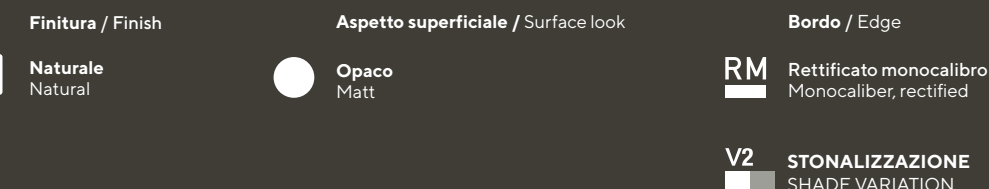
*VALORI RIFERITI AL FORMATO 60X60 / VALUES REFERRED TO 60X60 SIZE

SIMBOLOGIA / SYMBOLS

INDICAZIONI D'USO
INDICATIONS FOR USE



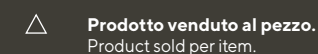
SUPERFICI
SURFACES



DESTINAZIONI D'USO
SUGGESTED APPLICATIONS



CARATTERISTICHE DI VENDITA
SALES CHARACTERISTICS



Tutti i nostri prodotti, sia al mq che al pezzo, sono venduti unicamente a scatola completa.
All our products are sold only in complete boxes, whether the unit of measure is per item or per square metre.





leonardoceramica.it



A brand of
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