

LUMIÈRE

Deux âmes, une surface



NovaBell

LUMIÈRE

Deux âmes, une surface

La superficie che
arriva al cuore
della materia.

The surface that
gets to the heart
of the matter.



Lumière restituisce lo spirito dei lastricati e delle pietre lavorate a mano. **Attraverso una tecnica innovativa, NovaBell ha progettato una superficie dai bordi irregolari e dalla struttura piacevolmente mossa.** La raffinata miscela di pietre dal fascino ancestrale proietta una cultura lapidea senza precedenti e veste gli scenari rurali contemporanei.

Lumière evokes the spirit of paving and hand-worked stones. **Using an innovative technique, NovaBell has designed a surface with irregular edges and a pleasantly textured structure.** The sophisticated blend of stones with ancestral charm embodies an unprecedented stone culture and embellishes contemporary rural settings.

LA SURFACE QUI PARVIENT AU CŒUR MÊME DE LA MATIÈRE.

Lumière rend l'esprit des dallages et des pierres travaillées à la main. **S'appuyant sur une technique innovante, NovaBell a conçu une surface aux bords irréguliers et à la structure agréablement mouvementée.** Le mélange raffiné de pierres au charme ancestral véhicule une culture de la pierre sans précédent et habille les environnements ruraux contemporains.

DIE OBERFLÄCHE, DIE DAS WESEN DER MATERIE ZUM VORSCHEIN BRINGT.

Lumière atmet den Geist gepflasterter Böden und handbearbeiteter Natursteine. **Mittels innovativer Technik hat NovaBell eine Oberfläche kreiert, die mit unregelmäßigen Rändern und einer angenehm gewellten Struktur aufwarten kann.** Die raffinierte Mischung zwischen Naturstein und urwüchsiger Charme lässt eine Steinkultur entstehen, die ihresgleichen sucht und in der Lage ist, zeitgenössische ländliche Szenarien zu gestalten.



Un equilibrato blend tra
tecnica e naturalità.

A balanced blend of
technique and naturalness.

I bordi irregolari, la struttura martellata e l'effetto usurato riflettono un equilibrato blend di tecnica ceramica e sapere artigianale. Lumière va ben oltre un'innovativa superficie, perché rappresenta una materia vera, che supera la ceramica tradizionale grazie all'altissimo valore estetico e tecnico.

UN MÉLAÎNGE ÉQUILIBRÉ DE TECHNIQUE ET DE NATUREL.

Les bords irréguliers, la structure martelée et l'effet usé reflètent un mélange équilibré de technique céramique et de savoir artisanal. Expression d'une matière vraie, dont la très haute qualité esthétique et technique la place au-delà de la céramique traditionnelle, Lumière est bien plus qu'une surface innovante.

The irregular edges, hammered structure and time-worn effect reflect a balanced blend of ceramic technique and craftsmanship. Lumière goes well beyond an innovative surface, representing a real material that surpasses traditional ceramics thanks to its remarkable aesthetic and technical value.

EIN AUSGEGLICHENER MIX ZWISCHEN TECHNIK UND NATÜRLICHKEIT.

Unregelmäßige Ränder, gehämmerte Struktur und abgenutzte Optik vermitteln einen ausgeglichenen Mix zwischen keramischer Technik und handwerklichem Wissen. Lumière ist viel mehr als eine innovative Oberfläche, denn sie steht für eine Materie, die echt ist und dank der hohen ästhetischen und technischen Wertstellung die traditionelle Keramik in vielerlei Hinsicht übertrifft.



Colori carichi di
energia e calore.



Colours full of energy
and warmth.

TALCO

AMBRA

SABBIA

CENERE

Le calde sfumature, le venature e le inclusioni minerarie sono custodite su tutta la superficie, fino al limite dei bordi irregolari. Le quattro varianti cromatiche, con la loro meticolosa resa grafica, hanno il compito di conservare un effetto profondamente naturale e realistico.

DES COULEURS SATURÉES D'ÉNERGIE ET DE CHALEUR.
Les nuances chaudes, les veines et les inclusions minérales sont préservées sur toute la surface, jusqu'à la limite des bords irréguliers. Les quatre variantes de couleurs, avec leur minutieux rendu graphique, ont pour mission de conserver un effet profondément naturel et réaliste.

The warm shades, vein patterns and mineral inclusions are maintained throughout the surface, right up to the end of the irregular edges. The four colour variants, with their meticulous graphic rendering, preserve a profoundly natural and realistic effect.

FARBEN VOLLER ENERGIE UND WÄRME.
Die warmen Nuancen, die Äderungen und die montanen Einschlüsse kennzeichnen nicht nur die gesamte Oberfläche, sondern auch die irregulären Ränder bis zur äußersten Einfassung. Die vier Farbvarianten mit ihrer überwältigenden grafischen Kraft haben die Aufgabe, eine tiefgreifend natürliche und realistische Optik zu vermitteln.

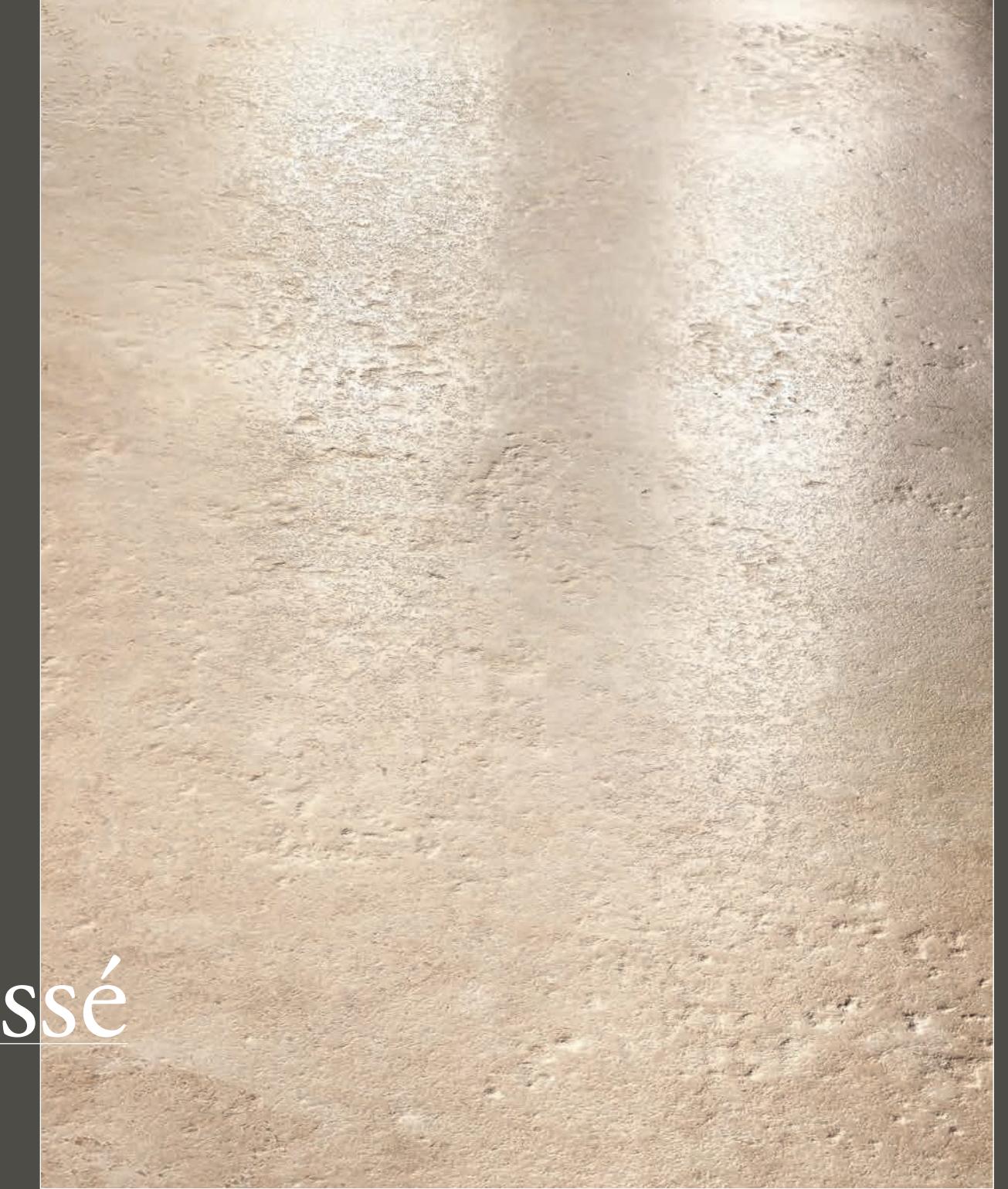
Due superfici,
due anime,
un'unica armonia.

Two surfaces,
two moods and a
single harmony.



Classique

Brossé



Le superfici Classique e Brossé rappresentano due variazioni intrise di fascino materico.

Classique con la sua mano naturale e morbida e Brossé, con la sua delicata spazzolatura superficiale che regala alle pavimentazioni un tocco setoso e una scultorea luminosità.

DEUX SURFACES, DEUX ÂMES, UNE SEULE HARMONIE.

Les surfaces Classique et Brossé représentent deux variations empreintes du charme de la matière.

Classique, avec sa finition naturelle et douce, et Brossé, avec son brossage délicat de la surface qui confère aux sols un toucher soyeux et une luminosité sculpturale.

The Classique and Brossé surfaces are two variations imbued with tactile appeal.

Classique has a natural, soft feel, while Brossé, with its delicate surface brushing, gives floors a silky touch and sculptural radiance.

ZWEI OBERFLÄCHEN, ZWEI WAHRNEHMUNGEN, EINE HARMONIE.

Die Oberflächen Classique und Brossé stehen für zwei Variationen, die ihren materialbetonten Charme gekonnt zum Ausdruck bringen. **Classique mit ihrer natürlichen und geschmeidigen Ausstrahlung und Brossé mit ihrer feinen gebürsteten Oberfläche, die den Böden seidenen Touch und bildkräftige Helligkeit verleiht.**



Formati modulari
che esaltano il
fascino del vissuto.

Modular sizes that
enhance the charm
of a time-worn look.

DES FORMATS MODULAIRES QUI METTENT
EN VALEUR LE CHARME DU VÉCU.

MODULARE FORMATE, DIE DEN CHARME
DES „GELEBTEN“ VERSTÄRKEN.

L'effetto vissuto delle superfici Lumière è supportato dal progetto formati che lo accompagna. La composizione "Multiformato" in particolare, aumenta la variabilità materica che, attraverso l'incrocio di più dimensioni, rappresenta un valore aggiunto in termini di autenticità.

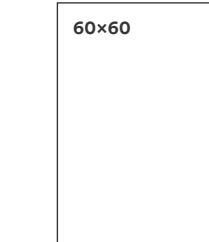
L'effet de vécu des surfaces Lumière est soutenu par le projet formats qui l'accompagne. La composition « Multiformato », notamment, amplifie la variabilité de la matière qui, à travers le croisement de plusieurs dimensions, crée une valeur ajoutée en termes d'authenticité.

The time-worn effect of the Lumière surfaces is complemented by the accompanying range of sizes. The "Multiformato" composition in particular increases the tactile variety which, encompassing several different sizes, offers an extra touch of authenticity.

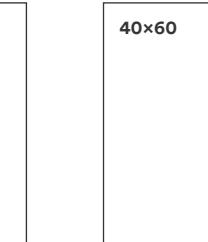
Der „gelebte“ Effekt der Oberflächen Lumière wird durch die gezielt ausgewählten Formate verstärkt. Insbesondere die Komposition „Multiformato“ steigert die materialbetonte Variabilität, die über die Verknüpfung mehrerer Dimensionen mehr Authentizität verleiht.

IN

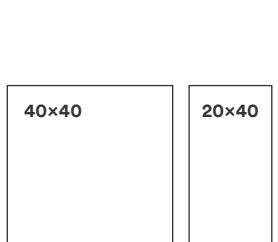
9 MM



Classique Rettificato
Brossé Rettificato



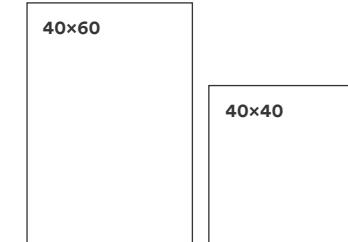
Classique Bordo Naturale



20x20

OUT

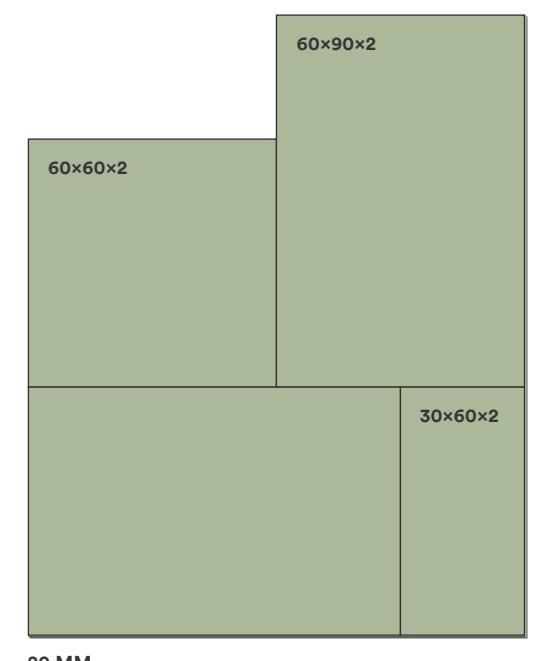
9 MM



Classique Bordo Naturale Antislip

ANTISLIP

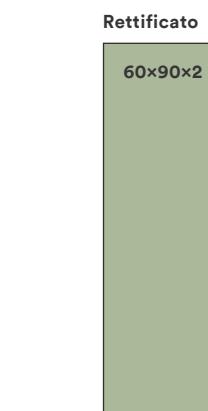
9 MM



OUT

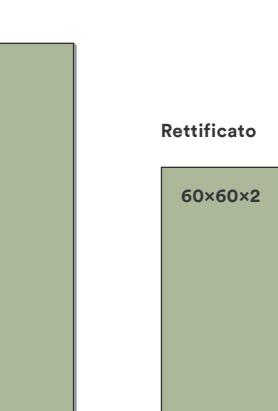
20 MM

NovaBell
OutWalk



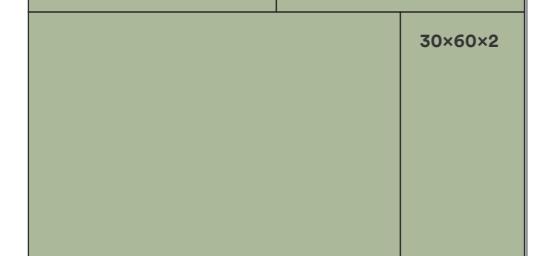
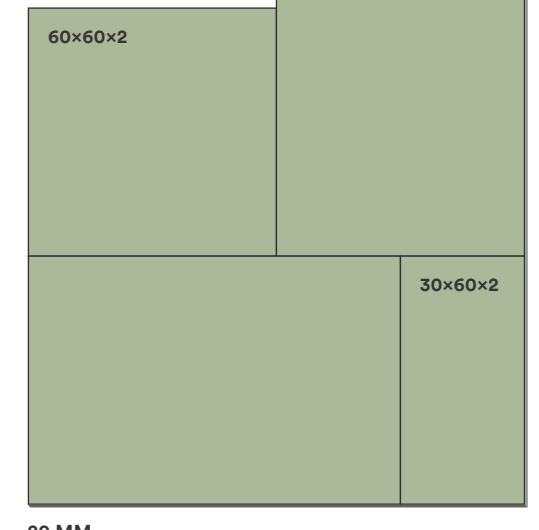
Rettificato

60x90x2



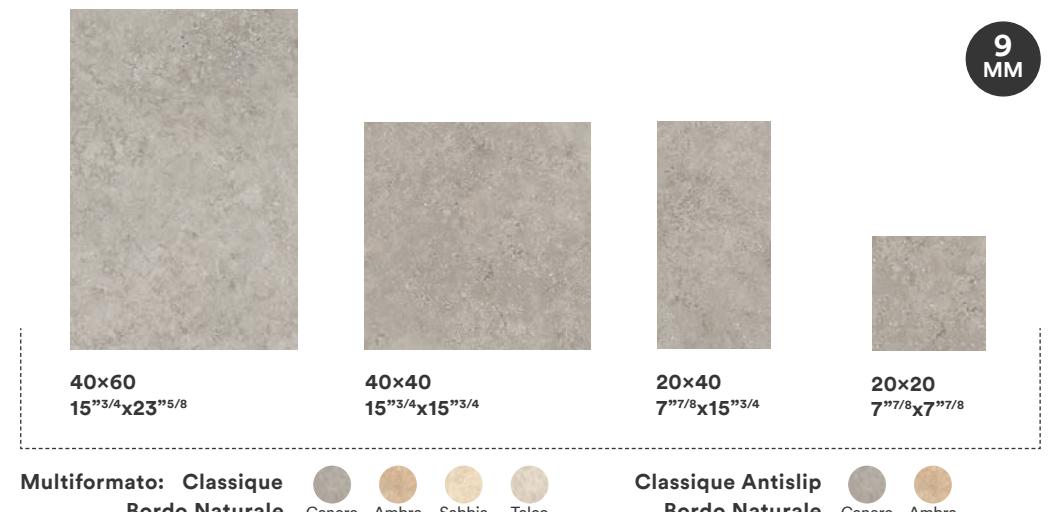
Rettificato

60x60x2

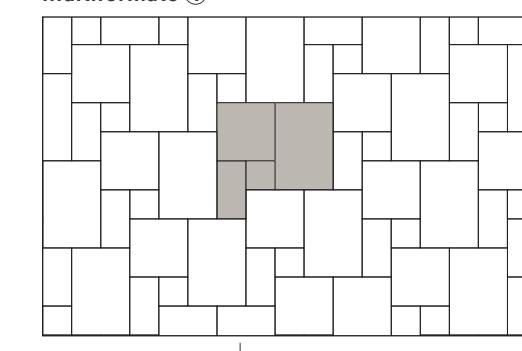




Multiformato Classique Bordo Naturale / Antislip

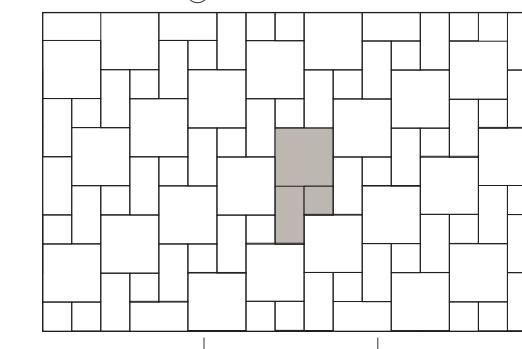


Multiformato ①



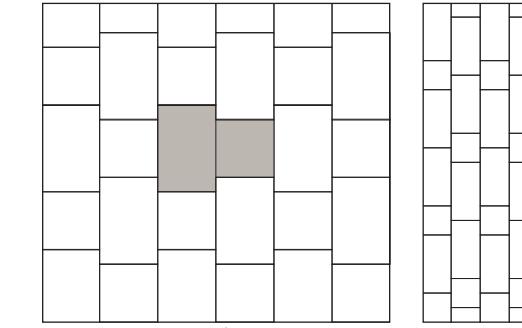
40x60 - 46,15% | 20x40 - 15,38%
40x40 - 30,77% | 20x20 - 7,70%

Multiformato ③



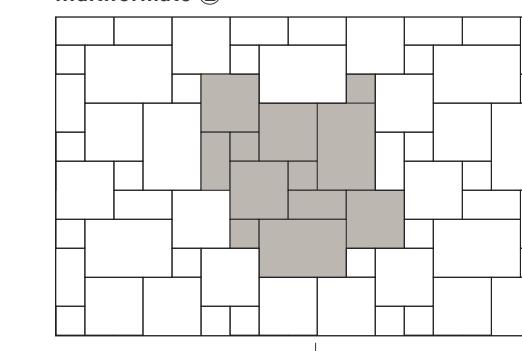
40x40 - 57,14% | 20x40 - 28,57% | 20x20 - 14,29%

Multiformato ⑤



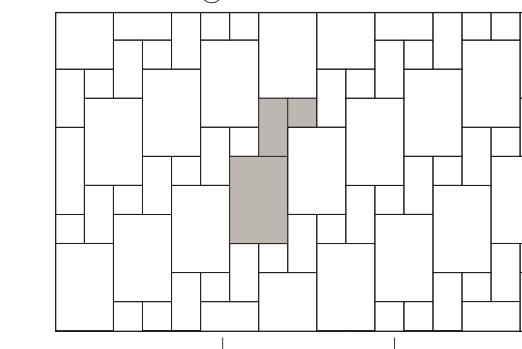
40x60 - 60% | 40x40 - 40%
20x40 - 2 PZ - 80% | 20x20 - 20%

Multiformato ②



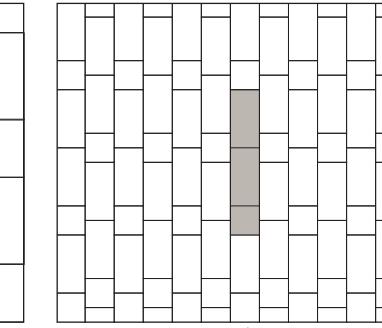
40x60 - 2 PZ - 33,34% | 20x40 - 2 PZ - 11,11%
40x40 - 4 PZ - 44,44% | 20x20 - 4 PZ - 11,11%

Multiformato ④



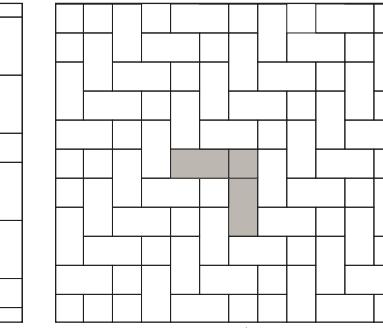
40x60 - 66,67% | 20x40 - 22,22% | 20x20 - 11,11%

Multiformato ⑥



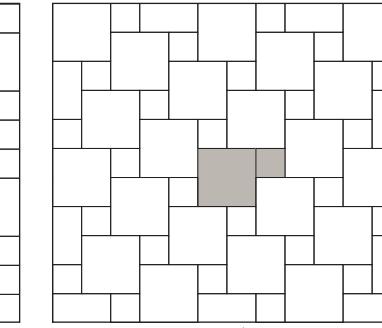
20x40 - 2 PZ - 80% | 20x20 - 20%

Multiformato ⑦



40x40 - 80% | 20x20 - 20%

Multiformato ⑧



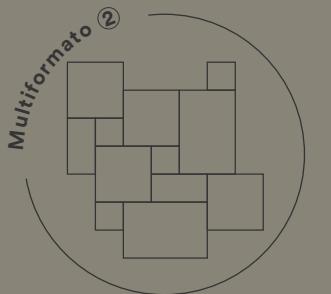
Cenere

Superfici
performanti
dall'effetto
armonico.

High-performance
surfaces with
a harmonious
effect.

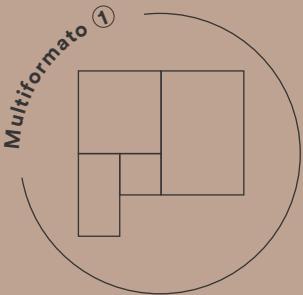
DES SURFACES
PERFORMANTES À L'EFFET
HARMONIEUX.

LEISTUNGSSTARKE
OBERFLÄCHEN MIT
HARMONISCHER OPTIK.



FLOOR OUT: Cenere Multiformato Bordo Naturale/Antislip / FLOOR IN: Cenere Multiformato Bordo Naturale

Talco



FLOOR: Talco Multiformato Bordo Naturale

La struttura e i colori
che riscaldano e
confortano.
The structure and
colours are warming and
comforting.

Dalla pietra di Trani all'iconico Travertino fino alle rocce calcaree più pregiate, NovaBell ha selezionato un numero incalcolabile di dettagli che formano una **materia impareggiabile**. La struttura, che riscalda e conforta, si unisce alle sfumature che riflettono una paletta cromatica calda, ricca di energia.

LA STRUCTURE ET LES COULEURS QUI RÉCHAUFFENT ET RÉCONFORTENT.

De la pierre de Trani à l'emblématique Travertin, en passant par les roches calcaires les plus fines, NovaBell a sélectionné un nombre incalculable de détails qui forment une matière inégalée. La structure, qui réchauffe et réconforte, est associée à des nuances qui reflètent une palette de couleurs chaudes, regorgeant d'énergie.

From Trani stone to iconic Travertine to the finest limestone, NovaBell has selected an incalculable number of details that form an incomparable material. The warming and comforting structure is combined with shades that reflect a warm, energetic colour palette.

STRUKTUR UND FARBEN, DIE WÄRME SPENDEN UND AUFMUNTERN.

Vom Naturstein Trani bis hin zum ikonischen Travertin und zu äußerst wertvollen Kaltsteinvarianten hat NovaBell unzählige Details in Betracht gezogen, um eine in jeder Hinsicht unvergleichliche Materie zu formen. Die Struktur, die Wärme spendet und aufmuntert, vereint sich mit Schattierungen, die einer warmen und energiereichen Farbpalette entnommen sind.



Sabbia



20
MM

NovaBell
OutWalk

FLOOR OUT: Sabbia 20MM Rettificato 60x90 / FLOOR IN: Sabbia Brossè Rettificato 60x60

La superficie
elegantemente
setosa.

The surface
is elegantly
silky.



Brossé è la speciale lavorazione che esalta le irregolarità materiche in un gioco di contrasti tra zone opache e semi lucide. La spazzolatura di superficie riflette una profonda luminosità e una mano morbidissima effetto seta.

Brossé is a special process that enhances tactile irregularities in a play of contrasts between matt and semi-glossy areas. The surface brushing reflects a deep radiance and a silky, very soft feel.

LA SURFACE ÉLÉGAMMENT SOYEUSE.

Brossé est un façonnage particulier qui met en valeur les irrégularités de la matière dans un jeu de contrastes entre les zones mates et semi-brillantes. Le brossage en surface reflète une profonde luminosité et une couche très douce effet soie.

EINE ELEGANT SEIDIGE OBERFLÄCHE.

Brossé zeichnet sich durch eine besondere Verarbeitung aus, die die materialbetonten Unregelmäßigkeiten hervorhebt und dabei ein Spiel von Kontrasten zwischen matten und halb glänzenden Bereichen entstehen lässt. Die gebürstete Oberfläche ist überraschend leuchtkräftig und fühlt sich bei Berührung extrem samt an.



Ambra

La dimensione
contemporanea
della pietra.

LA DIMENSION CONTEMPORAINE
DE LA PIERRE.

DIE ZEITGEMÄSSE DIMENSION VON
NATURSTEIN.

A contemporary
take on stone.





Multiformato 20 mm

Multiformato - Modulo 3 formati / 3-size module /
Module 3 formats / 3-Formate-Modul - Rettificato

| | |
|---------|---------|
| 60x90x2 | 60x60x2 |
| | |
| 60x90x2 | |
| 30x60x2 | |

20
MM

NovaBell
OutWalk

Le superfici Lumière possiedono la trasversalità della bellezza. Dalle dimore tradizionali agli spazi urbani, le nuove materie di NovaBell personalizzano l'intero paesaggio domestico con il fascino di superfici accoglienti, naturali e 100% Made in Italy.

Lumière surfaces boast universal beauty. From traditional homes to urban spaces, NovaBell's new materials customise the entire home environment with the charm of inviting, natural and 100% Made in Italy surfaces.

Les surfaces Lumière possèdent la transversalité de la beauté. Des demeures traditionnelles aux espaces urbains, les nouvelles matières de NovaBell personnalisent l'ensemble du paysage domestique avec le charme de surfaces accueillantes, naturelles et 100 % Made in Italy.

Die stilübergreifende Schönheit der Lumière Oberflächen. Von alten traditionellen Landsitzen bis hin zu urbanen Räumen kann mit den neuen Materialien von NovaBell jedes häusliche Ambiente individuell ausgestattet und mit dem Charme behaglicher und natürlicher Oberflächen - zu 100% Made in Italy - gestaltet werden.

LUMIÈRE • TALCO

 cm. 60x60 cm. 40x60 cm. 40x40 cm. 20x40 cm. 20x20
inch. 23"5/8x23"5/8 inch. 15"3/4x23"5/8 inch. 15"3/4x15"3/4 inch. 7"7/8x15"7/8 inch. 7"7/8x7"7/8



60x60 - 23"5/8x23"5/8
LMR 85RT Talco Classique Rettificato

03
1065



60x60 - 23"5/8x23"5/8
LMR 85SR Talco Brossè Rettificato

03
1105

LUMIÈRE • SABBIA

| TECHNICAL | DIN EN 16165 annex B | DIN EN 16165 annex A | BCR | ANSI DCOF | Deep Abrasion Resistance | MOHS | Recommended Use | Resistance to Staining | ANSI A 137.1 |
|---|----------------------|----------------------|--------------------------|------------|--------------------------|------|-----------------|------------------------|---|
|  CLASSIQUE | R10 | A+B | DRY > 0.40 WET > 0.40 | WET ≥ 0.42 | < 175 mm³ | ≥ 5 | 4 | 5 |  |
|  BROSSÉ | - | - | DRY > 0.40 WET > 0.40 | - | < 175 mm³ | - | 3 | 3 | |
|  ANTISLIP | R11 | A+B+C | DRY > 0.40 WET > 0.40 | WET ≥ 0.42 | < 175 mm³ | ≥ 7 | 5 | 5 | |



40x60 - 15"3/4x23"5/8
LMR 846N
Talco Bordo Naturale

04
1085



40x40 - 15"3/4x15"3/4
LMR 844N
Talco Bordo Naturale

06
1085



20x40 - 7"7/8x15"3/4
LMR 824N
Talco Bordo Naturale

13
1085



20x20 - 7"7/8x7"7/8
LMR 820N
Talco Bordo Naturale

26
1085



40x60 - 15"3/4x23"5/8
LMR 446N
Sabbia Bordo Naturale

04
1085



40x40 - 15"3/4x15"3/4
LMR 444N
Sabbia Bordo Naturale

06
1085



20x40 - 7"7/8x15"3/4
LMR 424N
Sabbia Bordo Naturale

13
1085



20x20 - 7"7/8x7"7/8
LMR 420N
Sabbia Bordo Naturale

26
1085



LUMIÈRE • AMBRA

 cm. 60x60 inch. 23"5/8x23"5/8 cm. 40x60 inch. 15"3/4x23"5/8 cm. 40x40 inch. 15"3/4x15"3/4 cm. 20x40 inch. 7"7/8x15"3/4 cm. 20x20 inch. 7"7/8x7"7/8



60x60 - 23"5/8x23"5/8
LMR 35RT Ambra Classique Rettificato



60x60 - 23"5/8x23"5/8
LMR 35SR Ambra Brossè Rettificato



40x60 - 15"3/4x23"5/8
LMR 346N
Ambra Bordo Naturale

LMR 346S
Ambra Bordo Naturale
Antislip

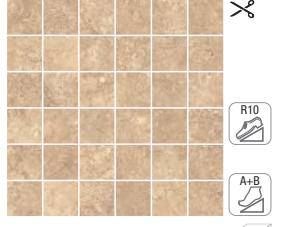
MULTIFORMATO 1
A 40x60 - 46,15%
B 40x40 - 30,77%
C 20x40 - 15,38%
D 20x20 - 7,70%



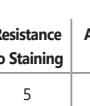
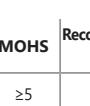
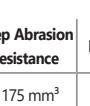
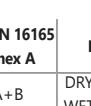
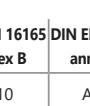
40x40 - 15"3/4x15"3/4
LMR 344N
Ambra Bordo Naturale

LMR 344S
Ambra Bordo Naturale
Antislip

MULTIFORMATO 2
A 40x60 - 2 PZ - 33,34%
B 40x40 - 4 PZ - 44,44%
C 20x40 - 2 PZ - 11,11%
D 20x20 - 4 PZ - 11,11%



30x30 - 11"13/16x11"13/16
LMR 335K Mosaico 5x5
Classique Ambra



LUMIÈRE • CENERE

| TECHNICAL | DIN EN 16165 annex B | DIN EN 16165 annex A | BCR | ANSI DCOF | Deep Abrasion Resistance | MOHS | Recommended Use | Resistance to Staining | ANSI A 137.1 |
|---|----------------------|----------------------|--------------------------|------------|--------------------------|------|-----------------|------------------------|---|
|  CLASSIQUE | R10 | A+B | DRY > 0.40 WET > 0.40 | WET ≥ 0.42 | < 175 mm³ | ≥ 5 | 4 | 5 |  |
|  BROSSE | - | - | DRY > 0.40 WET > 0.40 | - | < 175 mm³ | - | 3 | 3 | |
|  ANTISLIP | R11 | A+B+C | DRY > 0.40 WET > 0.40 | WET ≥ 0.42 | < 175 mm³ | ≥ 7 | 5 | 5 | |



60x60 - 23"5/8x23"5/8
LMR 25RT Cenere Classique Rettificato



60x60 - 23"5/8x23"5/8
LMR 25SR Cenere Brossè Rettificato



TECHNICAL
CLASSIQUE



TECHNICAL
BROSSE



TECHNICAL
ANTISLIP



40x60 - 15"3/4x23"5/8
LMR 246N
Cenere Bordo Naturale

LMR 246S
Cenere Bordo Naturale
Antislip

MULTIFORMATO 1
A 40x60 - 46,15%
B 40x40 - 30,77%
C 20x40 - 15,38%
D 20x20 - 7,70%



40x40 - 15"3/4x15"3/4
LMR 244N
Cenere Bordo Naturale

LMR 244S
Cenere Bordo Naturale
Antislip

MULTIFORMATO 2
A 40x60 - 2 PZ - 33,34%
B 40x40 - 4 PZ - 44,44%
C 20x40 - 2 PZ - 11,11%
D 20x20 - 4 PZ - 11,11%



20x40 - 7"7/8x15"3/4
LMR 224N
Cenere Bordo Naturale

LMR 224S
Cenere Bordo Naturale
Antislip

LUMIERE 20 MM



cm. 60x90
inch. 23"5/8x35"7/16

cm. 60x60
inch. 23"5/8x23"5/8

MULTISIZE

**OUT
WALK**

**Porcelain
slabs**



SABBIA



AMBRA

| | | | |
|--------------|-------------------------|------------------------|----------------|
| COLOR | 60x90 23"5/8x35"7/16 | 60x60 23"5/8x23"5/8 | MULTISIZE |
| Sabbia | 01 1120 | 02 1115 | 1φ 1130 |
| AmbrA | LMR 469R | LMR 460R | LMR M433 |
| Cenere | LMR 369R | LMR 360R | LMR M333 |



CENERE

| TECHNICAL | DIN EN 16165 annex B | DIN EN 16165 annex A | BCR | ANSI DCOF | Deep Abrasion Resistance | MOHS | Recommended Use | Resistance to Staining | ANSI A 137.1 |
|----------------|----------------------|----------------------|--------------------------|------------|--------------------------|------|-----------------|------------------------|--------------|
| OUT WALK 20 MM | R11 | A+B+C | DRY > 0.40 WET > 0.40 | WET ≥ 0.42 | < 130 mm³ | ≥ 8 | 5 | 5 | v3 |

* PEZZI SPECIALI 20MM FINITURE STANDARD
Special coordinated pieces ON DEMAND
Pièces spéciales coordonnées SUR DEMANDE
Zusammenstellbare Formteile AUF ANFRAGE

| CODICE | DESCRIZIONE | FP |
|-----------|---|------------|
| LMR L9065 | Gradino Elle 30x90x6,5 | 02 664 |
| LMR LA90 | Angolo Elle SX/DX 30x90x6,5 | 1+1 667 |
| LMR L6065 | Gradino Elle 30x60x6,5 | 02 652 |
| LMR LA60 | Angolo Elle SX/DX 30x60x6,5 | 1+1 656 |
| LMR LA30 | Angolo Elle 30x30x6,5 | 02 625 |
| LMR T900 | Toro Gradino 30x90 | 02 640 |
| LMR TA90 | Toro Angolo SX/DX 30x90 | 1+1 662 |
| LMR T600 | Toro Gradino 30x60 | 02 518 |
| LMR TA60 | Toro Angolo SX/DX 30x60 | 1+1 627 |
| | 3/5 RIGHE ANTIDERAPANT € 10,00 / PCS | |

* PEZZI SPECIALI 20MM FINITURE STANDARD
Special coordinated pieces ON DEMAND
Pièces spéciales coordonnées SUR DEMANDE
Zusammenstellbare Formteile AUF ANFRAGE

| CODICE GENERICO | DESCRIZIONE | FP |
|-----------------|--------------------------------------|------------|
| LMR R61 | GRADINO COSTA RETTA 30x60 | 02 607 |
| LMR RA61 | Angolo Arrotondato Costa Retta 60x60 | 01 664 |
| LMR TA61 | Angolo Arrotondato Toro 60x60 | 01 672 |
| LMR G245 | Griglia 20x45 | 02 590 |
| LMR G156 | Griglia 15x60 | 02 520 |
| LMR GA245 | Griglia Angolo SX/DX 20x45 | 1+1 610 |
| LMR GA156 | Griglia Angolo SX/DX 15x60 | 1+1 540 |

* ⑥ SETTIMANE DI CONSEGNA /
DELIVERY WEEKS / WOCHEN LIEFERZEIT /
SEMAINES DE LIVRAISON

The International reference standards:**ISO - ASTM****NATURALE**

| Characteristics and Test methods | Requirements EN 14411 ⁽¹⁾ - G / ISO 13006 ⁽²⁾ - G | Our general values |
|---|---|--------------------|
| Determination of water absorption - (ISO 10545-3) | Average value $E_5 \leq 0.5\%$ / Individual maximum 0,6% ≤ 0,06 % Average value and individual maximum | |
| Classification | Definition § 3.2 and § 3.7 Blu - Porcelain tiles | |
| Modulus of rupture - (ISO 10545-4) | Average ≥ 35 N/mm ² ≥ 35 N/mm ² | |
| Breaking strength - (ISO 10545-4) | Average ≥ 1300 N for thickness ≥ 7,5 mm Average ≥ 700 N for thickness < 7,5 mm Complies | |
| Resistance to deep abrasion - (ISO 10545-6) | Max volume abraded ≤ 175 mm ³ < 175 mm ³ | |
| Resistance to surface abrasion - (ISO 10545-7) | Abrasion class and cycles passed Novabell criterion Class 0 - 5 | |
| Recommended use | Class 4 (see Annex N - ISO 13006 / EN 14411) Novabell criterion | |
| Coefficient of linear thermal expansion - (ISO 10545-8) | Declared value ⁽¹⁾ / Test method available ⁽²⁾ $\leq 7,1 \times 10^{-6}^{\circ}\text{C}^{-1}$ | |
| Thermal shock resistance - (ISO 10545-9) | Pass according to EN ISO 10545-11 ⁽¹⁾ / Test method available ⁽²⁾ Complies | |
| Crazing resistance - (ISO 10545-11) | Pass according to EN ISO 10545-11 ⁽¹⁾ Required ⁽²⁾ Complies | |
| Frost resistance - (ISO 10545-12) | Pass according to EN ISO 10545-11 ⁽¹⁾ Required ⁽²⁾ Complies | |
| Moisture expansion - (ISO 10545-10) | Declared value ⁽¹⁾ / Test method available ⁽²⁾ $\Delta E_{cm} < 0,75\%$ ≤ 0,2 mm/m | |
| Small colour differences - (ISO 10545-16) | Agreed | |
| Impact resistance - (ISO 10545-5) | Declared value ⁽¹⁾ / Test method available ⁽²⁾ COR > 0,75 | |
| Reaction to fire | Class A1 or A1 _{FL} ⁽¹⁾ A1 / A1 _{FL} Classified Without Testing (CWT) - 96/603 EC | |
| Mohs hardness scale - (ex EN 101 / BS 6431-13) | - ≥ 5 | |
| Chemical properties | | |
| Chemical resistance - (GL) (ISO 10545-13): • Resistance to low and high concentrations of acids and alkalis • Resistance to household chemicals and swimming pool salts | Declared value ⁽¹⁾ / Manufacturer is to state classification ⁽²⁾ Minimum class B Resistant (see "Maintenance and care" section) | |
| Resistance to staining - (ISO 10545-14) | Minimum class 3 | |
| Release of dangerous substances - (ISO 10545-15) | Declared value ⁽¹⁾ / Test method available ⁽²⁾ | |
| Dimensions - (ISO 10545-2) | See ANNEX G | |
| Surface quality - (ISO 10545-2 § 7) | A minimum of 95% of the tiles shall be free from defects that would impair the appearance of a major tiles | |
| Determination of anti-slip properties - Workrooms and fields of activities with raised slip danger, walking method-Ramp test (DIN 51130) - Germany | BGR / ASR From R9 to R | |
| Determination of anti-slip properties. Wet-loaded barefoot areas - Walking method-Ramp test (DIN 51097) - Germany | GUV-I 8527 A-B-C | |
| Dynamic Coefficient Friction wet and dry condition (BCR - ex BCRA) Italy | DM n. 236 / 1989 $\mu > 0,40$ | |

(1) Requirements according to EN 14411 (2) Requirements according to ISO 13006

La tabella in italiano con i dati tecnici è scaricabile su www.novabell.itThe English language technical specification for each collection can be downloaded from www.novabell.it**LUMIERE
CLASSIQUE****LUMIERE
BROSSE****LUMIERE
ANTISLIP**
**LUMIERE
20MM**

Utilizzare il QR CODE per scaricare le schede tecniche

Use the QR CODE to download data sheets

TECNOLOGIA, INNOVAZIONE
E RICERCA NOVABELL

IT - I laboratori di ricerca NovaBell hanno creato una nuova generazione di superfici, caratterizzate dalla innovativa tecnologia digitale ad alta definizione.

GB - The NovaBell research laboratories have created a new generation of surfaces, featuring innovative high-definition digital technology.

D - Die NovaBell Forschungslabors haben eine neue Generation von Oberflächen entwickelt, die durch die innovative hoch auflösende Digitaltechnologie gekennzeichnet sind.

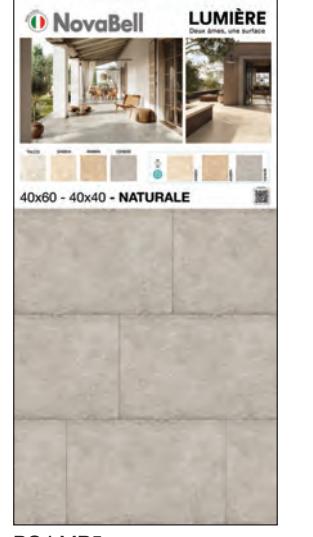
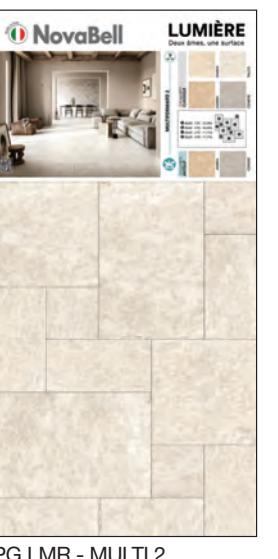
F - Les laboratoires de recherche NovaBell ont créé une nouvelle génération de surfaces, qui se caractérisent par une technologie numérique haute définition innovante.

| | pcs/box | m2/box | kg/box | box/pallet | m2/pallet | kg/pallet | mm |
|--------------|---------|--------|--------|------------|-----------|-----------|----|
| 60x60 | 3 | 1,080 | 21,5 | 40 | 43,200 | 860 | 9 |
| 40x60 | 4 | 0,960 | 18,5 | 60 | 57,600 | 1110 | 9 |
| 40x40 | 6 | 0,960 | 18,5 | 64 | 61,440 | 1184 | 9 |
| 20x40 | 13 | 1,040 | 19,5 | 64 | 66,560 | 1248 | 9 |
| 20x20 | 26 | 1,040 | 19,5 | 64 | 66,560 | 1248 | 9 |
| 60x120 | 1 | 0,720 | 31,5 | 32 | 23,040 | 1008 | 20 |
| 60x90 | 1 | 0,540 | 23,3 | 48 | 25,920 | 1118 | 20 |
| Multiformato | 1 cp. | 1,620 | 71,7 | 14 cp. | 22,680 | 1004 | 20 |

**The International reference standards:
ANSI - ASTM****NATURALE**

| Characteristics and Test methods | Requirements ANSI A 137.1 | Our general values |
|---|---|--------------------|
| Determination of water absorption - (ASTM C 373) | Average value $E_5 \leq 0,5\%$ Average value ≤ 0,06% | |
| Classification | Definition § 3.0 Porcelain tiles | |
| Physical properties | | |
| Breaking strength - (ASTM C 648) | Average ≥ 250 lb (1,11 kN) Individual ≥ 225 lb (1,00 kN) Complies | |
| Visible abrasion - (ASTM C 1027) | As reported Class 0 - 5 | |
| Recommended use | Novabell criterion (see Annex N - ISO 13006 / EN 14411) | |
| Thermal shock resistance - (ASTM C 428) | Pass Complies | |
| Crazing resistance - (ASTM C 424) | Pass Complies | |
| Resistance to freeze/thaw cycling - (ASTM C 1026) | As reported Resistant | |
| Bond strength - (ASTM C 482) | ≥ 50 psi (0,34 MPa) ≥ 1 MPa | |
| Color Uniformity - (ASTM C 609 and ANSI A 137.1 Section 9.3) ⁽²⁾ | V0 - 3 Judds See the specific section | |
| Mohs hardness scale - (ex EN 101 / BS 6431-13) | -- ≥ 5 | |
| Chemical properties | | |
| Chemical resistance - (ASTM C 650) | As reported Resistant | |
| Stain resistance - (ASTM C 1378) | As reported Resistant | |
| Dimensions - (ASTM C 499) - (ASTM C 485) - (ASTM C 502) | See ANSI A 137.1 - Tab.10 Complies | |
| Dimensions - (ASTM C 499) - (ASTM C 485) - (ASTM C 502) | See ANSI A 137.1 - Tab.10 Dimensions - Rectified tiles Complies | |
| DCOF Resistance (ANSI A 137.1 Section 9.6) | ≥ 0,42 ⁽¹⁾ DCOF ≥ 0,42 | |

(1) For level interior spaces expected to be walked upon when wet (2) For V0 tiles only

MERCHANDISING**LEED® CERTIFICATION COMPLIANT**

LUMIÈRE E' UN PRODOTTO CON PARTICOLARI CARATTERISTICHE DI ECOSOSTENIBILITÀ, CHE CONTRIBUISCE ALL'OTTENIMENTO DEI CREDITI PER LA CERTIFICAZIONE LEED (LEADERSHIP IN ENERGY AND ENVIRONMENTAL DESIGN).

LUMIÈRE IS A PRODUCT WITH PARTICULAR ENVIRONMENTAL SUSTAINABILITY CHARACTERISTICS, THAT HELPS IN OBTAINING POINTS FOR LEED (LEADERSHIP IN ENERGY AND ENVIRONMENTAL DESIGN) CERTIFICATION.

LUMIÈRE IST EIN AUSGESPROCHEN UMWELTFREUNDLICHES PRODUKT, DAS ZUM ERREICHEN DER PUNKTE FÜR DIE ZERTIFIZIERUNG NACH LEED (LEADERSHIP IN ENERGY AND ENVIRONMENTAL DESIGN) BEITRÄGT.

LA SERIE LUMIÈRE PRESENTE DE CARACTÉRISTIQUES SPÉCIFIQUES DE DÉVELOPPEMENT DURABLE; ELLE CONTRIBUE À OBTENIR DE CRÉDITS POUR LA CERTIFICATION LEED (LEADERSHIP IN ENERGY AND ENVIRONMENTAL DESIGN).



CAT-LMR

