



› KINGSTONE
Perfect place


NovaBell[®]
Ceramiche Gruppo Bellei



> Perfect place

KINGSTONE



/ L'elegante e classica **pietra scura** rinasce con una nuova veste, impreziosita da tanti dettagli pregiati e da una gamma decisamente versatile, per trasformare ogni ambiente in un **luogo perfetto** /

The elegant, classical **dark stone** reappears in a new look, with a wealth of exquisite details and a decidedly versatile range, to transform every room into a **perfect place**.

La classique et élégante **pierre foncée** fait peau neuve. Magnifiée par une nuée de superbes détails et par une gamme extrêmement polyvalente, elle métamorphose chaque endroit en **lieu parfait**.

Ein **dunkles Gestein** lieferte die Anregung für eine elegante, zeitgemäße Kollektion, die mit vielen erlesenen Details und einem umfassenden Sortiment aufwartet. Damit bietet sie alle Voraussetzungen für die **perfekte Gestaltungslösung** in jedem Raum.

La elegante y clásica **piedra oscura** renace con un nuevo aspecto, embellecido por numerosos detalles preciados y por una gama decididamente versátil, para transformar cada espacio en un **lugar perfecto**.

Элегантный и классический **темный камень** возрождается в новом облике, дополненном множеством ценных деталей и безусловно универсальной гаммой, чтобы превратить любой интерьер в **идеальное место**.

Black

Silver

Platinum

Royale Beige

02

/ First-class features.

Il versatile assortimento di nuance abbinabili e la veste estetica curata fin nei piccoli dettagli sono valorizzati dal grande formato **80x80**.

Completano una **gamma di alto profilo** i sottomultipli modulari **40x80** e **40x40**, i mosaici e le lastre 20mm per esterni su tutti i colori/

The versatile assortment of compatible shades and the meticulously styled patterning are revealed with all their full impact by the large **80x80** size.

The **high-profile range** is completed by the modular submultiple **40x80 and 40x40** sizes, the mosaics and the 20 mm slabs for outdoor use, in all colours.

Die große Bandbreite von stimmigen Farben und die detailreich ausgearbeitete Optik kommen im Großformat **80x80** besonders gut zur Geltung.

Abgerundet wird die **hochwertige Kollektion** durch die Modulelemente **40x80** und **40x40**, die Mosaiken und die überstarken Outdoor-Platten 20 mm in allen Farben.

Универсальный ассортимент сочетающихся нюансов и эстетическая сторона, продуманная в мельчайших деталях, подчеркиваются большим форматом **80x80**.

Эту **престижную линейку** дополняют модульные форматы **40x80** и **40x40**, мозаика и плиты толщиной 20 мм для наружных работ всех цветов.

Le grand format **80x80** met en valeur l'éclectisme des nuances coordonnées et le soin apporté à l'esthétique.

Cette **gamme de haut standing** est complétée par les sous-multiples modulaires **40x80 et 40x40**, par les mosaïques et par les dalles de 20 mm pour extérieur, dans toutes les couleurs.

La versátil gama de tonalidades que se pueden combinar y el aspecto estético cuidado incluso en el menor de los detalles se ven realizados por el formato grande de **80 x 80 cm**.

Completan una **gama de perfil elevado** los submúltiplos modulares de **40 x 80 y de 40 x 40 cm**, y los mosaicos y las placas de 20 mm para exteriores en todos los colores.

03

/ Two aged surfaces

Kingstone è disponibile in **due finiture**, accuratamente studiate per creare l'effetto di autenticità dei materiali invecchiati dal tempo/

Kingstone is available in **two finishes**, carefully designed to create the sense of authenticity conveyed by time-worn materials.

Kingstone est disponible en **deux finitions**, mises au point tout spécialement pour donner l'effet d'authenticité propre aux matériaux vieillis par le temps.

Kingstone wird in **zwei Oberflächen** geboten, die langsam mit der Zeit gealterte Materialien authentisch nachbilden.

Kingstone se halla disponible en **dos acabados** esmeradamente estudiados para crear el efecto de autenticidad de los materiales envejecidos por el paso del tiempo.

Kingstone предлагается с **двумя отделками**, которые тщательно продуманы для создания эффекта натуральности состаренного временем материала.

/ **Natural.** La **superficie** è **delicatamente ondulata**, con la sensazione del calpestio e del **vissuto**/

The **surface** is **delicately corrugated**, giving the impression of a **lived-in** material, shaped by many feet.

Die **sanft gewellte Oberfläche** ist von Tritt- und **Gebrauchsspuren** gekennzeichnet.

La **surface** présente des **déliçates ondulations** qui recréent l'impression de **vécu** et d'usure par le piétinement.

La **superficie** se muestra **delicadamente ondulada**, transmitiendo la sensación de las pisadas y del **desgaste**.

Эта **поверхность** имеет **легкую волнистость** со следами хождения и **износа**.

/ **Satin.** Una speciale **lavorazione di lappatura** impreziosisce ulteriormente la superficie creando un prezioso **effetto cerato e traslucido**/

A special **honing process** renders the surface even lovelier, with a beautiful **waxed, translucent effect**.

Eine besondere **Läppbearbeitung** verleiht der Oberfläche eine erlesene **wachsartige, durchscheinende Optik**.

Un **rodage** particulier embellit davantage la surface en lui donnant un incroyable **effet ciré et translucide**.

Una **elaboración** especial de **esmerilado** embellece ulteriormente la superficie creando un prezioso **efecto encerado y traslucido**.

Особенная **притертая обработка**, дополнительно подчеркивающая поверхность, создает престижный **восковой и полупрозрачный эффект**.



Black

/ 80x80 / 40x80 / 40x40



The three modular sizes simplify the realisation of multi-size compositions, to give the floor an original personality.

Les trois formats modulaires simplifient les compositions multi-formats pour donner au sol un caractère absolument original.

Die drei modularen Formate ermöglichen originelle Bodenbeläge in mehrformatigen Kombinationen.

Los tres formatos modulares permiten realizar fácilmente composiciones multiformato, dándole una caracterización original al pavimento.

Три модульных формата позволяют легко выполнять многоформатные композиции, придавая полу оригинальный характер.



Modularity

/ I tre formati modulari permettono di realizzare facilmente composizioni multiformato, dando al pavimento una caratterizzazione originale /



/ 80x80 / 40x80 / 40x40

Black 

010



Black 
/ Muretto 38x40



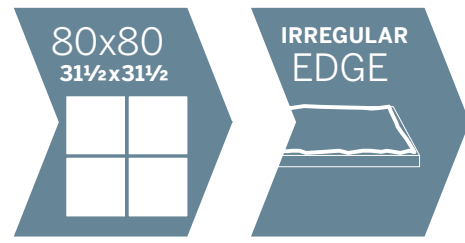
011



/ Muretto 38x40
Black 

Silver

/ 80x80 natural



/ I **bordi rettificati** mostrano l'effetto scalpellato tipico della **lavorazione manuale** delle lastre in pietra/

The **rectified edges** have the chiselled look typical of **hand-worked** stone slabs.

Die **rektifizierten Kanten** weisen die typischen Meißelspuren **handbearbeiteter Natursteinplatten** auf.

Обрезные кромки имеют высеченный эффект, характерный для **ручной обработки** каменных плит.

Les **bords rectifiés** ont l'effet buriné typique du **travail manuel** des dalles en pierre.

Los **bordes rectificados** muestran el efecto cincelado típico de la **elaboración manual** de las placas de piedra.

◀ Chiselled edges

012

013



014

015



/ 80x80 natural
Silver 

Silver

/ 80x80 natural

/ Harmony is beauty

L'armonia e la variazione naturale
nel movimento cromatico determina
la bellezza del prodotto posato /

The harmony and natural variation in the slab's colours are
fundamental to the beauty of the product when installed.

L'harmonie et la variation naturelle de l'échelle chromatique
donnent au produit posé une grande beauté.

La armonía y la variación natural en la mudanza cromática
determina la belleza del producto colocado.

Harmonische und natürliche Farbverläufe bestimmen die
Ästhetik der Belagflächen.

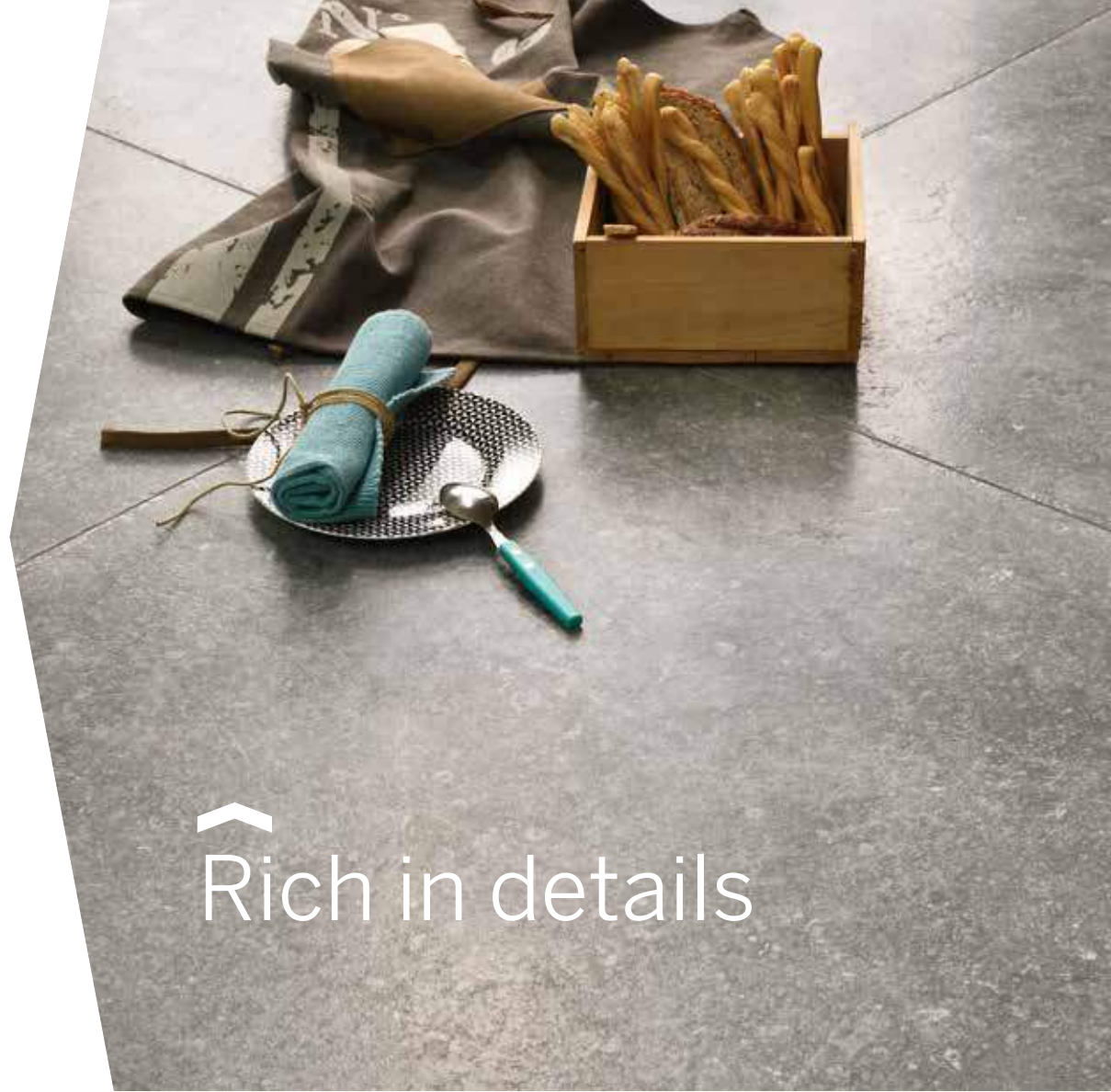
Гармония и натуральное изменение цвета определяет
красоту уложенного изделия.



016

017

Platinum 
/ 80x80 satin




Rich in details

/ Technologie digitali e cura meticolosa dei particolari
si esaltano nella superficie lappata Satin /

Digital technologies and painstakingly styled
details are appreciated to the full in the Satin
honed surface.

Le digital et le soin du détail s'expriment à
leur maximum sur la finition rodée Satin.

Die faszinierende Optik der geläpften
Oberfläche Satin beruht auf dem gelungenen
Zusammenwirken von Digitaltechnik und
Detailverliebtheit.

Las tecnologías digitales y el esmero
meticuloso puesto en los detalles ofrecen
sus mejores resultados en la superficie
esmerilada Satin.

Цифровые технологии и тщательная
забота о деталях выражаются в притертой
поверхности Satin.

018



019



020

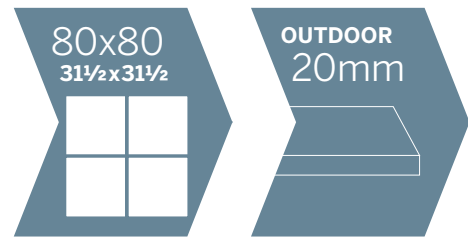
021

/ 80x80 satin

Platinum 

Platinum

/ 80x80 20mm outdoor



/ Le lastre per esterni con spessore **20mm** e finitura **grip R11**, sono previste su tutti i colori, per pavimentare in continuità ambienti interni e spazi esterni. Sono utilizzabili per posa a secco, sopraelevata o incollata.

The outdoor slabs in thickness of **20 mm** and with **grip R11** finish are available in all colours, for seamless paving of indoor rooms and outdoor areas. They can be installed dry, as a raised paving or by gluing.

Les dalles pour extérieur - **20 mm** d'épaisseur et finition **grip R11** - existent dans toutes les couleurs pour apporter une continuité visuelle entre les sols intérieurs et extérieurs. Elles peuvent être posées à sec, en plancher surélevé ou collée.

Die Outdoor-Platten in der Materialstärke **20 mm** und der Oberfläche **grip R11** werden in allen Farben der Kollektion geboten und ermöglichen raumübergreifende Bodenkonzepte für den Innen- und Außenbereich. Geeignet für die Trockenverlegung, die Verlegung auf Stelzlagern und die Verbundverlegung.

Las placas para exteriores de **20 mm** de grosor y con el acabado **grip R11** se proponen en todos los colores, para pavimentar espacios interiores y exteriores sin solución de continuidad. Se pueden utilizar para la colocación en seco, sobreelevada o encolada.

Плиты для наружных работ толщиной **20 мм** и отделкой **grip R11** могут быть любых цветов для непрерывности пола как внутри, так и снаружи. Они используются для сухой укладки, фальшполов или же наклеивания.



Outdoor
coordinated solution

Royale Beige 

/ 80x80 satin

024

025





◀ Shop design

026

/ Oltre alle classiche tonalità scure, Kingstone propone varianti calde e moderne, ideali anche per interpretare **spazi commerciali e abitativi** /

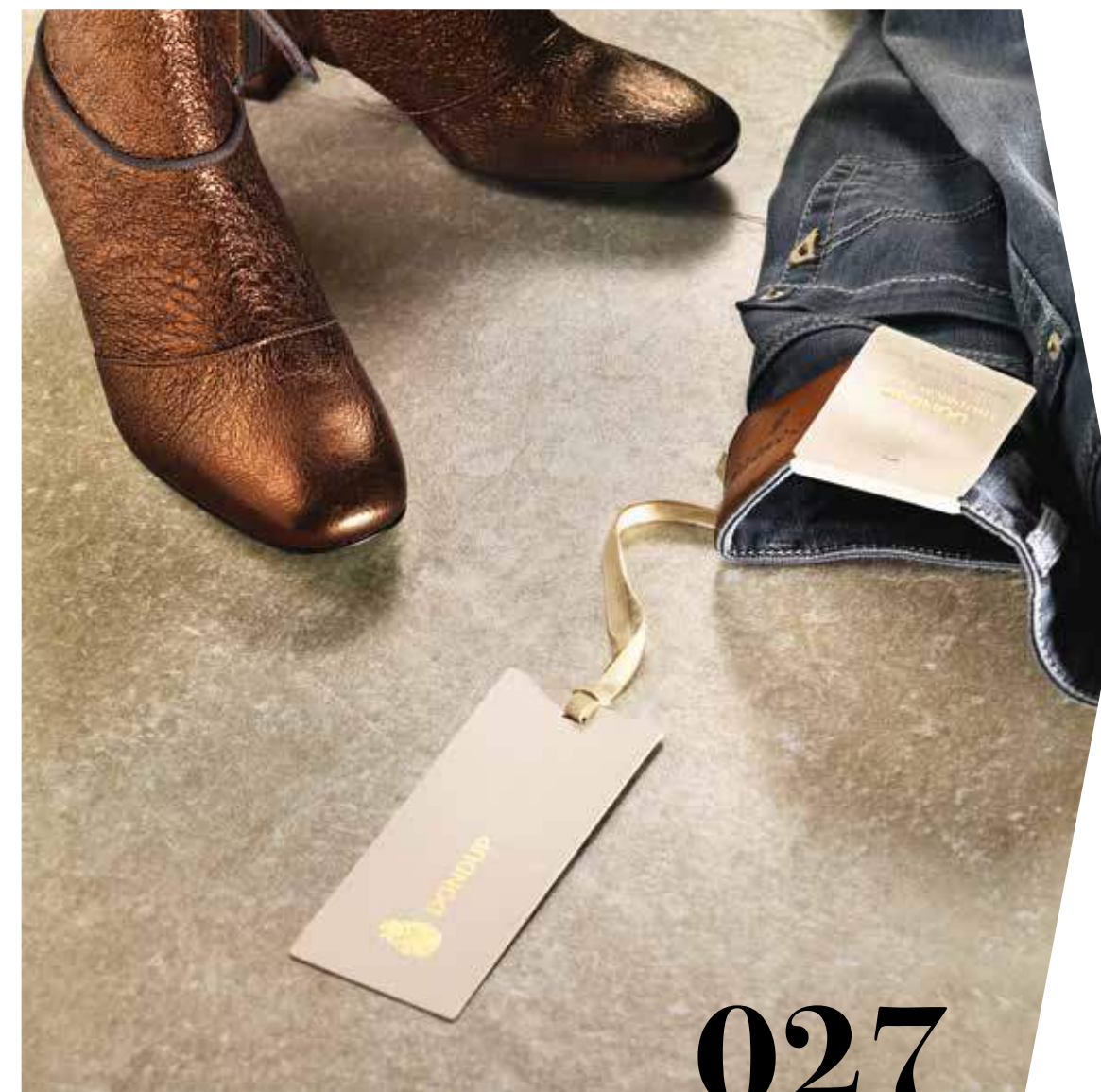
As well as the familiar dark shades, Kingstone offers warm, modern variants, also ideal for designing **commercial and residential locations**.

Neben den klassischen dunklen Nuancen bietet Kingstone warme und moderne Farbtöne, die besonders im **Wohnungs- und Ladenbau** zur Geltung kommen.

Помимо классических темных тонов Kingstone предлагает теплые и современные варианты, которые отлично подходят даже для интерпретации **коммерческих и жилых пространств**.

Kingstone propose non seulement les classiques foncés, mais aussi des couleurs chaudes et modernes, parfaites tant pour **les espaces commerciaux que pour les cadres résidentiels**.

Además de las clásicas tonalidades oscuras, Kingstone presenta variantes cálidas y modernas, ideales asimismo para revestir **ámbitos comerciales y residenciales**.



027

KINGSTONE

Perfect place

satin



10,5 mm
cm. 80x80
inch 31¹/₂x31¹/₂



80x80 - 31¹/₂x31¹/₂
KST 48SR Royale Beige Satin/Rettificato

02
1110

10,5 mm 20 mm
cm. 80x80
inch 31¹/₂x31¹/₂

10,5 mm
cm. 40x80
inch 15³/₄x31¹/₂

10,5 mm
cm. 40x40
inch 15³/₄x15³/₄

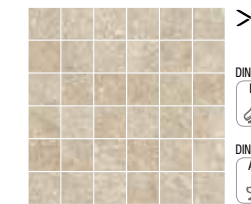


natural



80x80 - 31¹/₂x31¹/₂
KST 48RT Royale Beige Rettificato

02
1080



30x30 - 11¹³/₁₆x11¹³/₁₆
KST 445K Mosaico 5x5
Royale Beige

10
3115



40x80 - 13³/₄x31¹/₂
KST 44RT Royale Beige Rettificato

04
1090



38x40 - 14¹⁵/₁₆x15³/₄
KST 446K Muretto
Royale Beige

04
3130



40x40 - 13³/₄x13³/₄
KST 40RT Royale Beige Rett.

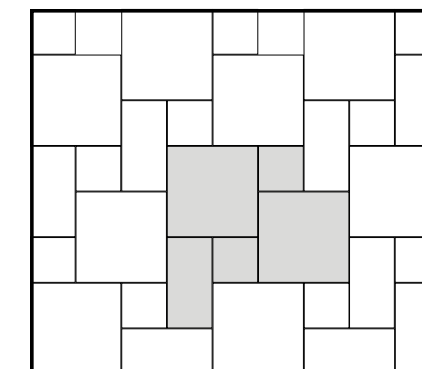
06
1090

MULTISIZE LAYING SCHEME A



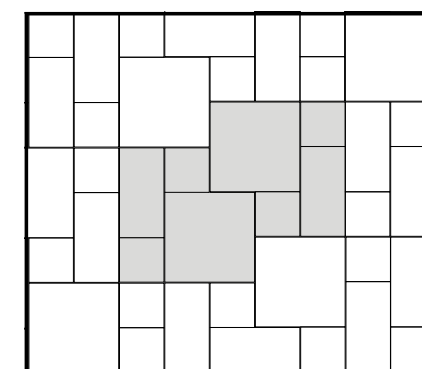
80x80 57,1% - 40x80 28,6% - 40x40 14,3%

MULTISIZE LAYING SCHEME B



80x80 66,6% - 40x80 16,7% - 40x40 16,7%

MULTISIZE LAYING SCHEME C



80x80 50% - 40x80 25% - 40x40 25%

TECHNICAL DATA
20MM

80x80 - 31¹/₂x31¹/₂
KST 47RT Royale Beige 20mm Rettificato

01
1115

7x80 - 2³/₄x31¹/₂
KST B48K Battiscopa Royale Beige Rettificato

08
260

KINGSTONE

Perfect place

satin



10,5 mm
cm. 80x80
inch 31¹/₂x31¹/₂



80x80 - 31¹/₂x31¹/₂
KST 18SR Platinum Satin/Rettificato

02
1110



030

10,5 mm
cm. 80x80
inch 31¹/₂x31¹/₂

10,5 mm
cm. 40x80
inch 15³/₄x31¹/₂

10,5 mm
cm. 40x40
inch 15³/₄x15³/₄



natural



80x80 - 31¹/₂x31¹/₂
KST 18RT Platinum Rettificato

02
1080



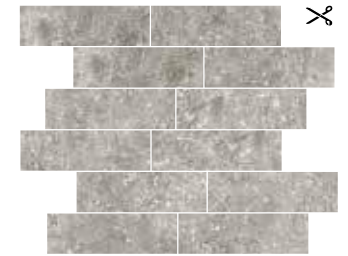
30x30 - 11¹³/₁₆x11¹³/₁₆
KST 115K Mosaico 5x5
Platinum

10
3115



40x80 - 13³/₄x31¹/₂
KST 14RT Platinum Rettificato

04
1090



38x40 - 14¹⁵/₁₆x15³/₄
KST 116K Muretto
Platinum

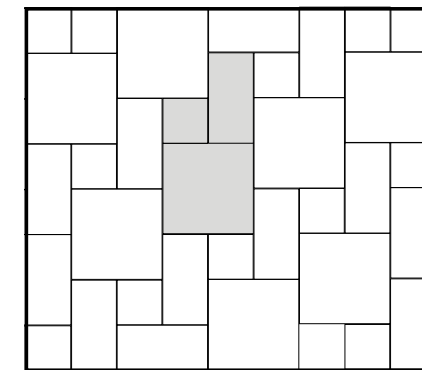
04
3130



40x40 - 13³/₄x13³/₄
KST 10RT Platinum Rett.

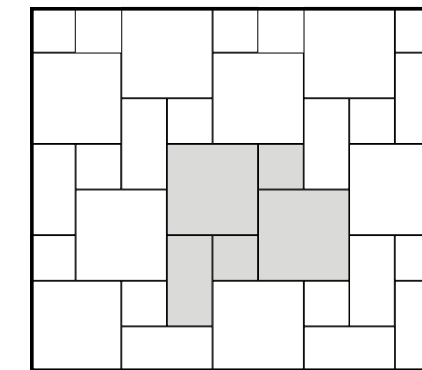
06
1090

MULTISIZE LAYING SCHEME A



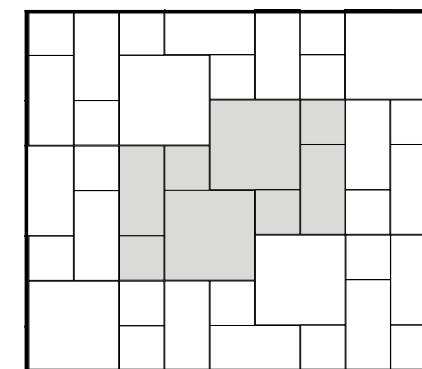
80x80 57,1% - 40x80 28,6% - 40x40 14,3%

MULTISIZE LAYING SCHEME B



80x80 66,6% - 40x80 16,7% - 40x40 16,7%

MULTISIZE LAYING SCHEME C



80x80 50% - 40x80 25% - 40x40 25%



80x80 - 31¹/₂x31¹/₂
KST 17RT Platinum 20mm Rettificato

01
1115



7x80 - 2³/₄x31¹/₂
KST B18K Battiscopa Platinum Rettificato

08
260



031

KINGSTONE

Perfect place

satin



cm. 80x80
inch 31¹/₂x31¹/₂



WET ≥ 0.42 DRY > 0.40
WET > 0.40



80x80 - 31¹/₂x31¹/₂
KST 28SR Silver Satin/Rettificato

02
1110



cm. 80x80
inch 31¹/₂x31¹/₂

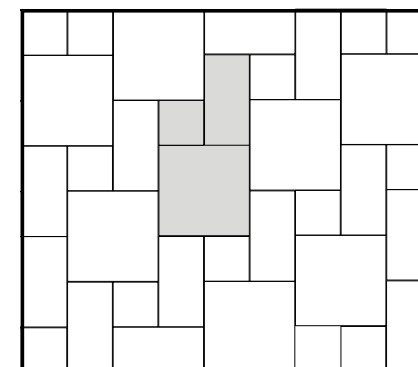
natural



80x80 - 31¹/₂x31¹/₂
KST 28RT Silver Rettificato

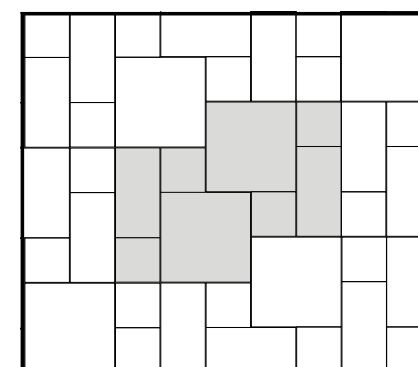
02
1080

MULTISIZE LAYING SCHEME A



80x80 57,1% - 40x80 28,6% - 40x40 14,3%

MULTISIZE LAYING SCHEME C



80x80 50% - 40x80 25% - 40x40 25%



cm. 40x80
inch 15³/₄x31¹/₂



cm. 40x40
inch 15³/₄x15³/₄



30x30 - 11¹³/₁₆x11¹³/₁₆
KST 225K Mosaico 5x5 Silver

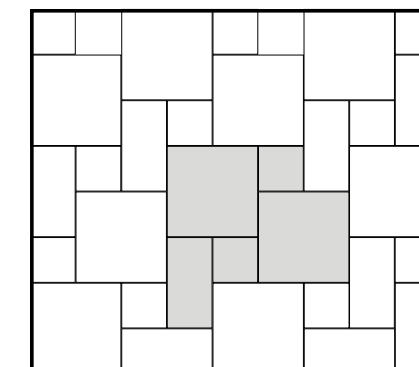
10
3115



40x80 - 13³/₄x31¹/₂
KST 24RT Silver Rettificato

04
1090

MULTISIZE LAYING SCHEME B



80x80 66,6% - 40x80 16,7% - 40x40 16,7%



WET ≥ 0.42 DRY > 0.40
WET > 0.40

R10

A+B



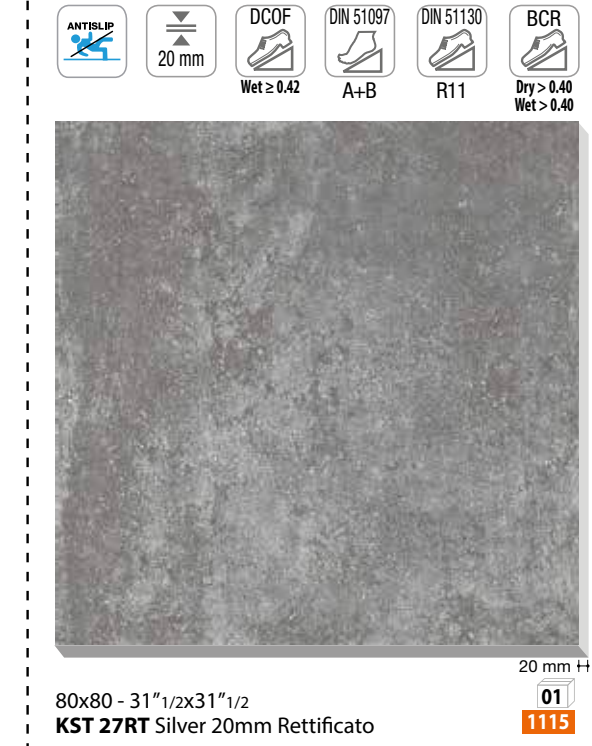
38x40 - 14¹⁵/₁₆x15³/₄
KST 226K Muretto Silver

04
3130



40x40 - 13³/₄x13³/₄
KST 20RT Silver Rett.

06
1090



80x80 - 31¹/₂x31¹/₂
KST 27RT Silver 20mm Rettificato

01
1115

7x80 - 2³/₄x31¹/₂
KST B28K Battiscopa Silver Rettificato

08
260

032

033

KINGSTONE

Perfect place

satin



cm. 80x80
inch 31¹/₂x31¹/₂



WET ≥ 0.42
DRY > 0.40
WET > 0.40



80x80 - 31¹/₂x31¹/₂
KST 98SR Black Satin/Rettificato

02
1110



cm. 80x80
inch 31¹/₂x31¹/₂

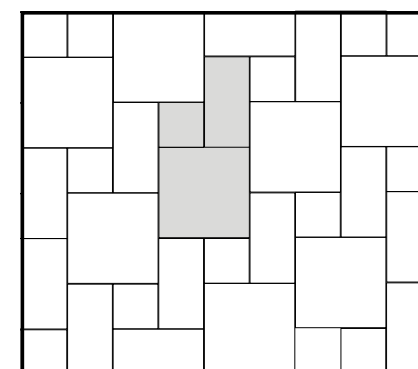
natural



80x80 - 31¹/₂x31¹/₂
KST 98RT Black Rettificato

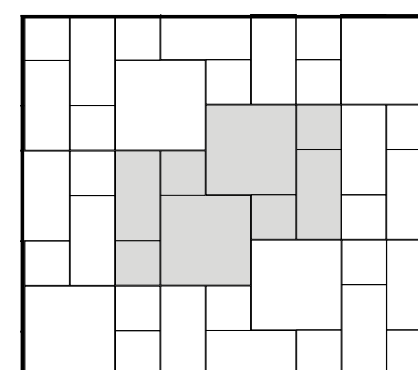
02
1080

MULTISIZE LAYING SCHEME A



80x80 57,1% - 40x80 28,6% - 40x40 14,3%

MULTISIZE LAYING SCHEME C



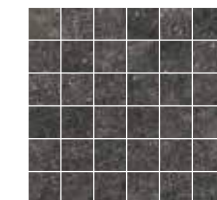
80x80 50% - 40x80 25% - 40x40 25%



cm. 40x80
inch 15³/₄x31¹/₂



cm. 40x40
inch 15³/₄x15³/₄



30x30 - 11¹³/₁₆x11¹³/₁₆
KST 995K Mosaico 5x5
Black

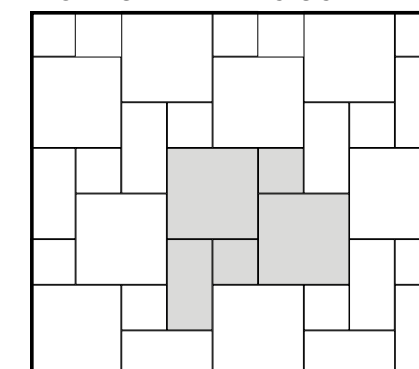
10
3115



40x80 - 13³/₄x31¹/₂
KST 94RT Black Rettificato

04
1090

MULTISIZE LAYING SCHEME B



80x80 66,6% - 40x80 16,7% - 40x40 16,7%



WET ≥ 0.42
DRY > 0.40
WET > 0.40

R10
A+B



38x40 - 14¹⁵/₁₆x15³/₄
KST 996K Muretto Black

04
3130



40x40 - 13³/₄x13³/₄
KST 90RT Black Rett.

06
1090

Wet ≥ 0.42
A+B
R11
Dry > 0.40
Wet > 0.40

TECHNICAL DATA
20MM

80x80 - 31¹/₂x31¹/₂
KST 97RT Black 20mm Rettificato

20 mm H

01
1115

7x80 - 2³/₄x31¹/₂
KST B98K Battiscopa Black Rettificato

08
260

034

035



cm. 80x80
inch 31 1/2x31 1/2



80x80 - 31 1/2x31 1/2
KST 47RT Royale Beige 20mm Rettificato

01
1115



80x80 - 31 1/2x31 1/2
KST 17RT Platinum 20mm Rettificato

01
1115



80x80 - 31 1/2x31 1/2
KST 27RT Silver 20mm Rettificato

01
1115

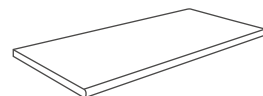


80x80 - 31 1/2x31 1/2
KST 97RT Black 20mm Rettificato

01
1115

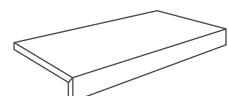
PEZZI SPECIALI ON DEMAND* 2 0 M M

Special coordinated pieces / Zusammenstellbare Formteile / Pièces spéciales coordonnées / Piezas especiales coordinad / Специальные сочетающиеся изделия



Toro Gradino Rettificato 02
40x80 654

KST G13K Platinum
KST G23K Silver
KST G43K Royale Beige
KST G93K Black



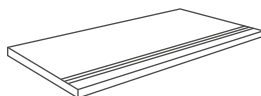
Gradino Elle Rettificato 02
33x80x6,5 662

KST G18K Platinum
KST G28K Silver
KST G48K Royale Beige
KST G98K Black

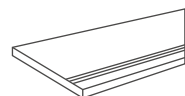
* I pezzi speciali "on demand" vengono realizzati solo su richiesta con consegna 6 settimane. / Special "on demand" pieces are available only on request and have a 6-week lead-time. / Die Formteile „On Demand“ werden nur auf Anfrage mit einer Lieferzeit von 6 Wochen gefertigt. / Les pièces spéciales On Demand sont réalisées uniquement sur demande. Délai de livraison: 6 semaines. / Las piezas especiales "on demand" se fabricarán únicamente bajo pedido y se entregarán al cabo de seis semanas. / Специальные изделия "on demand" выпускаются только по заказу, срок поставки составляет 6 недель.

PEZZI SPECIALI WELLNESS ON DEMAND* 2 0 M M

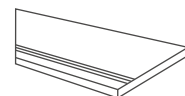
Special coordinated pieces / Zusammenstellbare Formteile / Pièces spéciales coordonnées / Piezas especiales coordinad / Специальные сочетающиеся изделия



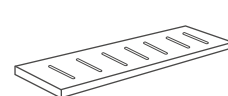
Bordo Antiderap Rett. 02
40x80 580
KST W11K Platinum
KST W21K Silver
KST W41K Royale Beige
KST W91K Black



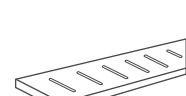
Bordo Angolo SX Rett. 02
40x80 620
KST W12K Platinum
KST W22K Silver
KST W42K Royale Beige
KST W92K Black



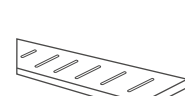
Bordo Angolo DX Rett. 02
40x80 620
KST W14K Platinum
KST W24K Silver
KST W44K Royale Beige
KST W94K Black



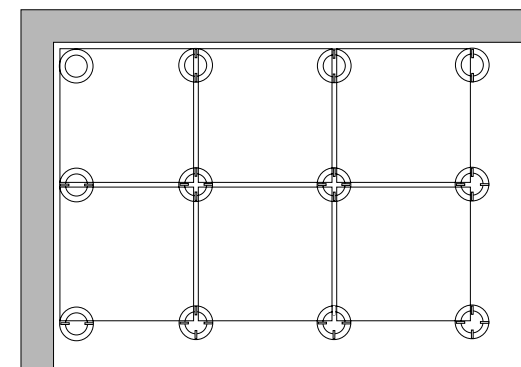
Griglia Rettificata 02
20x80 607
KST W15K Platinum
KST W25K Silver
KST W45K Royale Beige
KST W95K Black



Griglia Angolo SX Rett. 02
20x80 607
KST W16K Platinum
KST W26K Silver
KST W46K Royale Beige
KST W96K Black

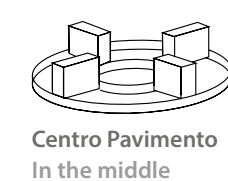


Griglia Angolo DX Rett. 02
20x80 607
KST W17K Platinum
KST W27K Silver
KST W47K Royale Beige
KST W97K Black

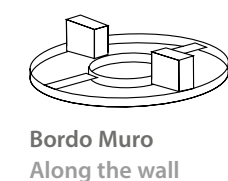


Esempio di applicazione
Application Example / Anwendungsbeispiel / Exemple d'application / Ejemplo de aplicación / Пример укладки

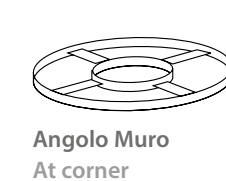
Utilizzo al m²
Pieces for m²
1,56 pcs



Centro Pavimento
In the middle



Bordo Muro
Along the wall



Angolo Muro
At corner



SUPPORTO REGOLABILE
AUTOLIVELLANTE
Paving support
Verstellbare Stütze
Support réglable
Soporte regulable
Регулируемая опора



SUPPORTO REGOLABILE
Paving support
Verstellbare Stütze
Support réglable
Soporte regulable
Регулируемая опора



SUPPORTO FISSO
Paving support with fixed height
Feststehende Stütze
Support fixe
Soporte fijo
Фиксированная опора

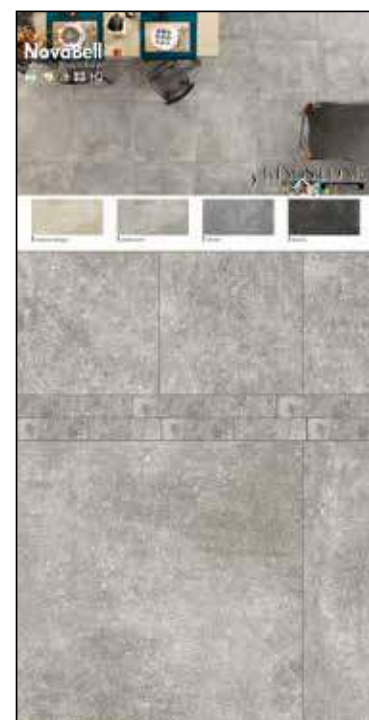
MERCHANDISING



PG KST FT



ROYALE BEIGE



PLATINUM



SILVER



BLACK



SCA-KST

IMBALLI e PESI /
Packaging and weights / Verpackungen und Gewichte / Emballages et poids / Embalajes y pesos / Упаковка и вес

	SCATOLA / BOX			PALLET			
	pz	m2	kg	box	m2	kg	≡
80x80	2	1,280	27,5	40	51,200	1101	10,5
40x80	4	1,280	27,4	48	61,440	1316	10,5
40x40	6	0,960	19,8	36	34,560	713	10,5
80x80	1	0,640	27,5	40	25,600	1101	20



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.

ES - Los laboratorios de investigación NovaBell han creado una nueva generación de superficies, caracterizadas por la innovadora tecnología digital de alta definición.

RU - В НАУЧНО-ИССЛЕДОВАТЕЛЬСКОЙ ЛАБОРАТОРИИ NOVABELL БЫЛО РАЗРАБОТАНО НОВОЕ ПОКОЛЕНИЕ ПОВЕРХНОСТЕЙ, ОТЛИЧАЮЩИХСЯ ИННОВАЦИОННОЙ ЦИФРОВОЙ ТЕХНОЛОГИЕЙ ВЫСОКОГО РАЗРЕШЕНИЯ.

LEED® CERTIFICATION COMPLIANT

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



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

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

LA SERIE KINGSTONE PRESENTE DE CARACTERISTIQUES SPECIFIQUES DE DEVELOPPEMENT DURABLE; ELLE CONTRIBUIS A OBTENIR DE CREDITS POUR LA CERTIFICATION LEED (LEADERSHIP IN ENERGY AND ENVIROMENTAL DESIGN).


KINGSTONE ES UN PRODUCTO CON CARACTERÍSTICAS DE SOSTENIBILIDAD MEDIOAMBIENTAL ESPECIALES, QUE FACILITA LA OBTENCIÓN DE PUNTOS PARA LA CERTIFICACIÓN LEED (LEADERSHIP IN ENERGY AND ENVIRONMENTAL DESIGN) LIDERAZGO EN ENERGÍA Y DISEÑO AMBIENTAL.

KINGSTONE - ЭТО ПРОДУКЦИЯ СО СПЕЦИАЛЬНЫМИ ХАРАКТЕРИСТИКАМИ ЭКОЛОГИЧЕСКОЙ ЭФФЕКТИВНОСТИ, ПОЗВОЛЯЮЩАЯ ПОЛУЧАТЬ ЗАЧЕТНЫЕ ОЧКИ ДЛЯ СЕРТИФИКАТА LEED (LEADERSHIP IN ENERGY AND ENVIROMENTAL DESIGN).



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 $E_b \leq 0,5\%$	Average value $\leq 0,5\%$
Classification	Definition § 3.0	Porcelain tiles
		Physical properties
Breaking strength - (ASTM C 648)	Average ≥ 250 lbf (1.11 kN) Individual ≥ 225 lbf (1.00 kN)	Complies
Visible abrasion - (ASTM C 1027)	As reported	Class 0 - 5
NovaBell classification of abrasion resistance	(see Annex N)	Class 4
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
DCOF Resistance (ANSI A 137.1 Section 9.6)	≥ 0.42 ⁽¹⁾	DCOF ≥ 0.42
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
		Chemical properties
Chemical resistance (ASTM C 650)	As reported	Resistant
Stain resistance (ASTM C 1378)	As reported	Resistant
		Dimensions - Calibrated tiles
Dimensions - (ASTM C 499) - (ASTM C 485) - (ASTM C 502)	See ANSI A 137.1 - Tab.10	Complies
		Dimensions - Rectified tiles
Dimensions - (ASTM C 499) - (ASTM C 485) - (ASTM C 502)	See ANSI A 137.1 - Tab.10	Complies

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




**KINGSTONE
NATURALE**




**KINGSTONE
SATIN**





**KINGSTONE
20MM**


 Utilizzare il **QR CODE** per scaricare le schede tecniche

 Use the **QR CODE** to download data sheets

 **QR CODE** benutzen um die technische datenblätter runter zu laden


 Veuillez utiliser le **QR CODE** pour télécharger les fiches techniques

 Utilizar el **QR CODE** para descargar las fichas técnicas

 Используйте QR-код для скачивания технических характеристик



<http://www.ongreening.com/en/Manufacturers/Details/9483>

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 $E_w \leq 0,5\%$ / Individual maximum 0,6%	Average value and individual maximum < 0,5%
Classification	Definition § 3.2 and § 3.7	BI_A – Porcelain tiles
		Physical properties
Modulus of rupture - (ISO 10545-4)	Average $\geq 35 \text{ N/mm}^2$	$\geq 35 \text{ N/mm}^2$
Breaking strength - (ISO 10545-4)	Average $\geq 1300 \text{ N}$ for thickness $\geq 7,5 \text{ mm}$ Average $\geq 700 \text{ N}$ for thickness < 7,5 mm	Complies
Abrasion resistance - (ISO 10545-7)	Abrasion class and cycles passed	Class 0 - 5
NovaBell classification of abrasion resistance	Annex N	Class 4
Coefficient of linear thermal expansion (ISO 10545-8)	Declared value ⁽¹⁾ / Test method available ⁽²⁾	$< 7,1 \times 10^{-6} \text{ }^\circ\text{C}^{-1}$
Thermal shock resistance (ISO 10545-9)	Pass according to EN ISO 10545-1 ⁽¹⁾ / Test method available ⁽²⁾	Complies
Crazing resistance (ISO 10545-11)	Pass according to EN ISO 10545-1 ⁽¹⁾ / Required ⁽²⁾	Complies
Frost resistance (ISO 10545-12)	Pass according to EN ISO 10545-1 ⁽¹⁾ / Required ⁽²⁾	Complies
Moisture expansion (ISO 10545-10)	Declared value ⁽¹⁾ / Test method available ⁽²⁾	$\leq 0,2 \text{ mm/m}$
Small colour differences (ISO 10545-16)	$\Delta E_{cmc} < 0,75^{(1)}$	If 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_{FL} Classified Without Testing (CWT) – 96/603
		Chemical properties
Chemical resistance -(GL) (ISO 10545-13)		
Resistance to low and high concentrations of acids and alkalis	Declared value ⁽¹⁾ / Manufacturer is to state classification ⁽²⁾	Resistant (see "Maintenance and care" section)
Resistance to household chemicals and swimming pool salts	Minimum class B	G A
Resistance to staining (ISO 10545-14)	Minimum class 3	5 (see "Maintenance and care" section)
Release of dangerous substances (ISO 10545-15)	Declared value ⁽¹⁾ / Test method available ⁽²⁾	Pb < 0,1 / Cd < 0,01 mg/dm ²
		Dimensions and surface quality
Dimensions - (ISO 10545-2)	See ANNEX G	Complies
Surface quality - (ISO 10545-2 § 7)	A minimum of 95% of the tiles shall be free from visible defects that would impair the appearance of a major area of tiles	Complies


(1) Requirements according to EN 14411

(2) Requirements according to ISO 13006


Test methods	Requirements and references	Our general values
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 R13	R 10
Determination of anti – slip properties, Wet-loaded barefoot areas – Walking method – Ramp test (DIN 51097) - Germany	GUV-I 8527 A – B – C	A + B
Dynamic Coefficient Friction wet and dry condition (BCR – ex BCRA) Italy	DM n. 236 / 1989 $\mu > 0,40$	$\mu > 0,40$
Scrath hardens of surface according to Mohs'	ex BS 6431-13 / ex EN 101	≥ 5


 La tabella in italiano con i dati tecnici è scaricabile su www.novabell.it

 The English language technical specification for each collection can be downloaded from www.novabell.it

 Die Tabelle in deutscher Sprache kann auf www.novabell.it heruntergeladen werden.

 Si vous le souhaitez, téléchargez le tableau contenant les données techniques en français en allant sur www.novabell.it

 Descargue la tabla de datos técnicos en español, disponible en www.novabell.it

 Таблицу на русском языке с техническими данными можно скачать с сайта www.novabell.it

YouTube



mgreening[®]
THE PLATFORM FOR GREEN BUILDING


NovaBell[®]
Ceramiche Gruppo Bellei

NOVABELL SpA CERAMICHE ITALIANE
via Molino, 1 - 42014 Roteglia (RE), Italia
T +39 0536 86 11 11 - F +39 0536 85 12 05
info@novabell.it - export@novabell.it
www.novabell.it



CAT-KST