

**FORGE**  
**METAL**

RAW CONTEMPORARY PROJECT

Made in Italy



**NovaBell**



## RAW CONTEMPORARY PROJECT

FORGE METAL È LA **SUPERFICIE EFFETTO METALLO CHE ASSECONDA LE SOLUZIONI ESTETICHE INDUSTRIAL-CHIC**. NOVABELL APPAGA GLI SPAZI CONTEMPORANEI CON SUPERFICI PER INTERNO ED ESTERNO DALL'ANIMO URBAN.

FORGE METAL IS THE **METAL-LOOK SURFACE THAT EMBRACES INDUSTRIAL-CHIC AESTHETIC SOLUTIONS**. NOVABELL COMPLEMENTS CONTEMPORARY SPACES WITH URBAN-STYLE SURFACES FOR INTERIORS AND EXTERIORS.

Forge Metal est la **surface à effet métal qui emboîte le pas à l'esthétique industrielle chic**. NovaBell satisfait les espaces contemporains par des surfaces intérieures et extérieures possédant une âme urbaine.

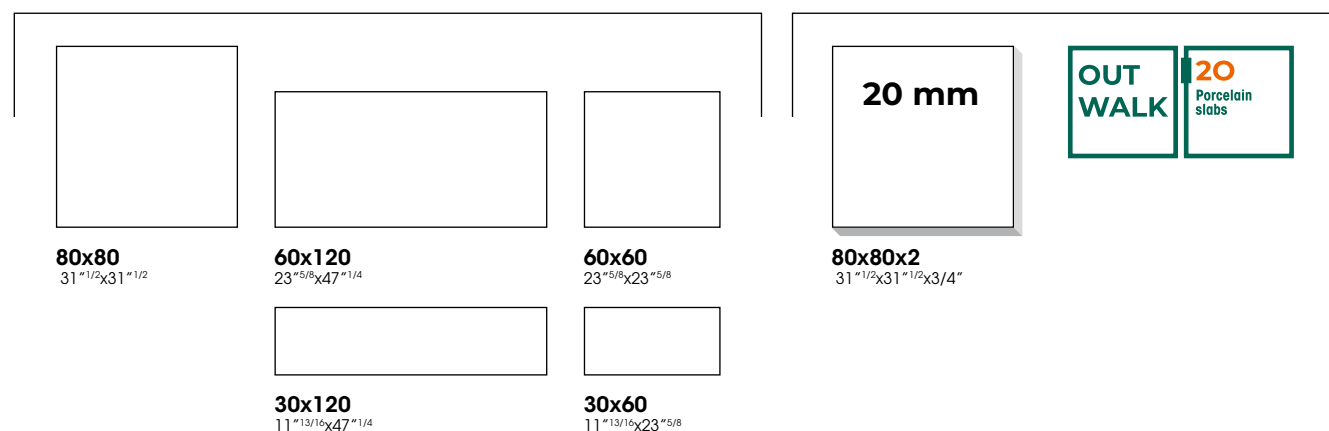
Forge Metal ist die **Oberfläche in Metalloptik, die sich perfekt für Gestaltungslösungen im Industrial-Chic eignet**. NovaBell verleiht so modernen Innen- und Außenbereichen eine urbane Anmutung.



## INSPIRED BY METAL

QUATTRO INTENSE VARIANTI CROMATICHE INTRECCIANO SULLA SUPERFICIE IN GRES PORCELLANATO GLI EFFETTI CANGIANTI DEL METALLO, LE OSSIDAZIONI E LE PECULIARI RIFLETTENZE.

FOUR INTENSE COLOUR VARIANTS INTERTWINE THE IRIDESCENT EFFECTS OF METAL, OXIDATION AND CURIOUS REFLECTIONS ON THE PORCELAIN STONEWARE SURFACE.



Quatre variations chromatiques intenses se mêlent aux **effets irisés du métal**, aux **oxydations** et aux **reflets particuliers** sur les surfaces en grès cérame.

Vier kräftige Farbvarianten treffen auf dem Feinsteinzeug auf **schimmernde Metalleffekte**, auf **oxidierte wie glänzende Stellen**.

INOX

ALLUMINIO

BRONZO

DARK

FORGE METAL 3

# METAL MIX

WALL + FLOOR



**60x60**  
23<sup>5/8</sup>x23<sup>5/8</sup>



**60x120**  
23<sup>5/8</sup>x47<sup>1/4</sup>



**30x120**  
11<sup>13/16</sup>x47<sup>1/4</sup>

**METAL MIX** È L'ORIGINALE SOLUZIONE DECORATIVA CHE INTRECCIA UN **CREATIVO PATCHWORK D'ISPIRAZIONE INDUSTRIALE**. I MODULI METAL MIX, DISPONIBILI IN TRE FORMATI, OSPITANO ORIGINALI **BASSORILIEVI PROGETTATI APPOSITAMENTE PER LA POSA A PAVIMENTO OLTRE CHE A PARETE**.

**METAL MIX** IS AN INNOVATIVE DECORATIVE SOLUTION THAT WEAVES AN **INDUSTRIAL-INSPIRED CREATIVE PATCHWORK**. THE METAL MIX MODULES, AVAILABLE IN THREE FORMATS, FEATURE **ORIGINAL LOW-RELIEFS SPECIALLY DESIGNED FOR INSTALLATION ON FLOORS AND WALLS**.

**METAL MIX** est la solution décorative originale qui tisse un **patchwork créatif d'inspiration industrielle**. Les modules METAL MIX, disponibles en trois formats, abritent des **bas-reliefs originaux conçus spécialement pour la pose aussi bien sur le sol que sur les murs**.

Die originelle Dekoration **METAL MIX** bildet ein kreatives **Patchwork im Industrial-Style**. Die in drei Formaten erhältlichen METAL MIX Module sind mit **Flachreliefs** gestaltet, die **eigens für den Boden- wie Wandbelag konzipiert** wurden.



STREAM tire son inspiration de **géométries tridimensionnelles qui forment des reliefs discrets et essentiels sur les murs**. La lumière et l'ombre font ressortir la structure décorative, créent des murs verticaux scénographiques et un design industriel impeccablement conçu.

STREAM ist von **dreidimensionalen Geometrien inspiriert, die an den Wänden eine dezente plastische Wirkung entfalten**. In einem Spiel von Licht und Schatten kommen die Reliefoberflächen zur Geltung, die für ganzflächige Wandgestaltungen im Industrial-Style eingesetzt werden können.

# STREAM

## WALL



**60x120**  
23<sup>5/8</sup>x47<sup>1/4</sup>



**30x120**  
11<sup>13/16</sup>x47<sup>1/4</sup>

**STREAM SI ISPIRA A GEOMETRIE TRIDIMENSIONALI CHE TRACCIANO SULLE PARETI ALTORILIEVI DISCRETI ED ESSENZIALI. LUCE ED OMBRA FANNO EMERGERE LA STRUTTURA DECORATIVA, CREANO SCENOGRAFICHE PARETI VERTICALI E UN INDUSTRIAL DESIGN IMPECCABILMENTE PROGETTATO.**

**STREAM IS INSPIRED BY THREE-DIMENSIONAL GEOMETRIC EFFECTS THAT TRACE DISCREET, ESSENTIAL HIGH-RELIEFS ON THE WALLS. LIGHT AND SHADOW ACCENTUATE THE DECORATIVE STRUCTURE, CREATING SPECTACULAR VERTICAL WALLS AND AN IMPECCABLE INDUSTRIAL DESIGN.**



## ALLUMINIO

ORIGINAL SHADES

OGNI SINGOLO MODULO SI MUOVE IN ARMONIA CON GLI ALTRI, FRUTTO DI UN GRANDE LAVORO DI RICERCA SULLA MATERIA E LA GRANDE VARIETÀ DI GRAFICHE CHE RENDONO LE SUPERFICI ARMONIOSE E BEN CALIBRATE.

EVERY SINGLE MODULE ACTS IN HARMONY WITH THE OTHERS THANKS TO EXTENSIVE MATERIAL RESEARCH AND TO THE LARGE VARIETY OF GRAPHIC EFFECTS THAT MAKE THE SURFACES HARMONIOUS AND WELL-CALIBRATED.



WALL: Forge Metal Alluminio Struttura Stream Rettificato 60x120 - 23<sup>5/8</sup>x47<sup>1/4</sup>

FLOOR: Forge Metal Alluminio Rettificato 80x80 - 31<sup>1/2</sup>x31<sup>1/2</sup> - Forge Metal Alluminio 20 mm Rettificato 80x80 - 31<sup>1/2</sup>x31<sup>1/2</sup>



Chaque module évolue en harmonie avec les autres, résultat d'un **travail de recherche approfondi sur le matériau** et la **grande variété de graphismes** qui rendent les **surfaces harmonieuses et bien calibrées**.

Das harmonische Zusammenspiel der Module beruht auf einer **akkuraten Materialrecherche** und **mannigfaltigen Strukturen**, die für **stimmige, ausgewogene Flächenbilder** sorgen.







## INOX + BRONZO

STRONG PERSONALITY

IL GRES PORCELLANATO NOVABELL È DOTATO DI UN ALTO VALORE FUNZIONALE ED ESTETICO. DALLE PAVIMENTAZIONI AI PEZZI SPECIALI PER LE SCALE, FORGE METAL RIVESTE TUTTE LE SUPERFICI CON UNA COORDINAZIONE IMPECCABILE.

NOVABELL PORCELAIN STONEWARE HAS HIGH FUNCTIONAL AND AESTHETIC VALUE. FROM FLOORS TO SPECIAL TRIMS FOR STAIRS, FORGE METAL COVERS ALL SURFACES WITH IMPECCABLE COORDINATION.

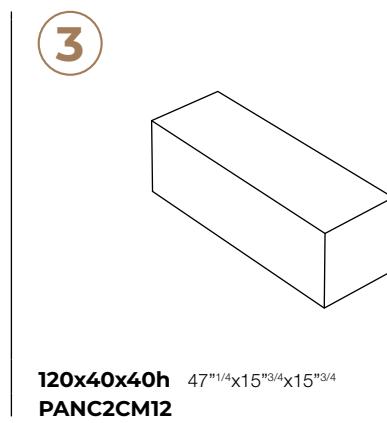
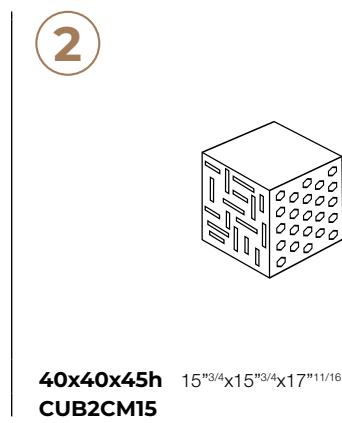
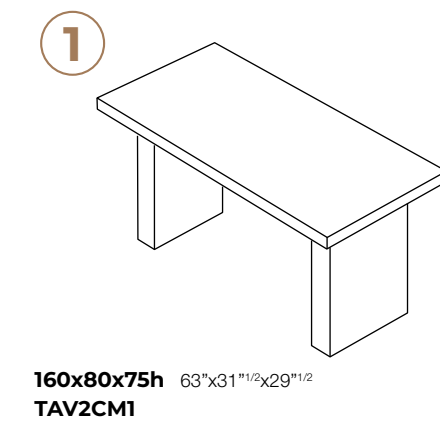


WALL: Forge Metal Inox Struttura Stream Rettificato 60x120 - 23<sup>5/8</sup>x47<sup>1/4</sup>

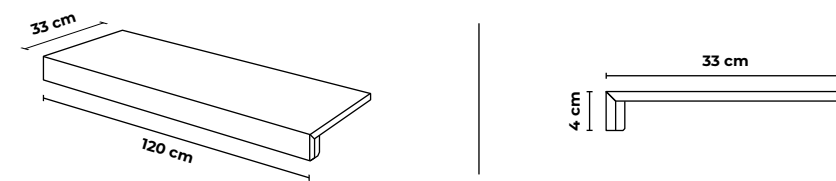
FLOOR: Forge Metal Bronzo Rettificato 60x120 - 23<sup>5/8</sup>x47<sup>1/4</sup> · Forge Metal Bronzo 20 mm Rettificato 80x80 - 31<sup>1/2</sup>x31<sup>1/2</sup>

# FURNISHING & ACCESSORIES.

OUT WALK  
20 Porcelain slabs



## STEPS ARE PERFECTED IN EVERY DETAIL.



## BRONZO + EICHE

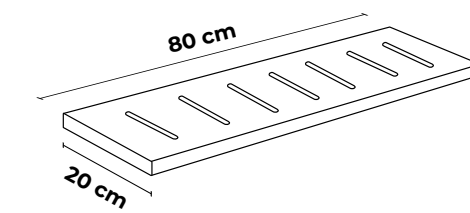
LE PAVIMENTAZIONI, I COMPLEMENTI ARREDO E GLI ELEMENTI PROGETTATI PER I BORDI PISCINA  
REGALANO PRECISIONE ALLO SPAZIO CONTEMPORANEO.

FLOORS, FURNISHINGS AND ELEMENTS DESIGNED FOR SWIMMING POOL EDGES ADD A TOUCH  
OF PRECISION TO THE CONTEMPORARY SPACE.

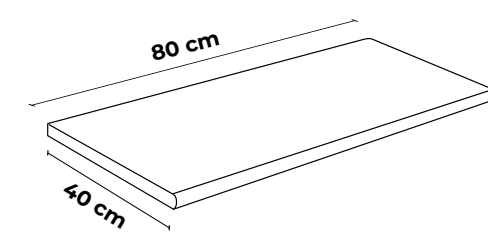
WALL: Eiche Timber Rettificato 30x180 - 11<sup>13/16</sup>x70<sup>7/8</sup>  
FLOOR: Forge Metal Bronzo 20 mm Rettificato 80x80 - 31<sup>1/2</sup>x31<sup>1/2</sup> - Eiche Alpin Rettificato 30x180 - 11<sup>13/16</sup>x70<sup>7/8</sup>  
Forge Metal Bronzo Bordo Antiderap Rettificato 40x80 - 15<sup>3/4</sup>x31<sup>1/2</sup> - Forge Metal Bronzo Bordo Angolo DX e SX Rettificato 40x80 - 15<sup>3/4</sup>x31<sup>1/2</sup>  
Forge Metal Bronzo Griglia Rettificata 20x80 - 7<sup>7/8</sup>x31<sup>1/2</sup> - Forge Metal Bronzo Griglia Angolo DX e SX Rettificato 20x80 - 7<sup>7/8</sup>x31<sup>1/2</sup>



## SPECIAL COORDINATED PIECES



Griglia Rettificata



Toro Gradino Rettificato

Les carreaux de sol, les compléments décoratifs et les éléments conçus pour les bords des piscines donnent de la précision à l'espace contemporain.

Bodenfliesen, Einrichtungselemente und speziell konzipierte Elemente für Barfußbereiche in Schwimmbädern lassen zeitgemäße Gestaltungskonzepte von beeindruckender Präzision entstehen.



FORGE

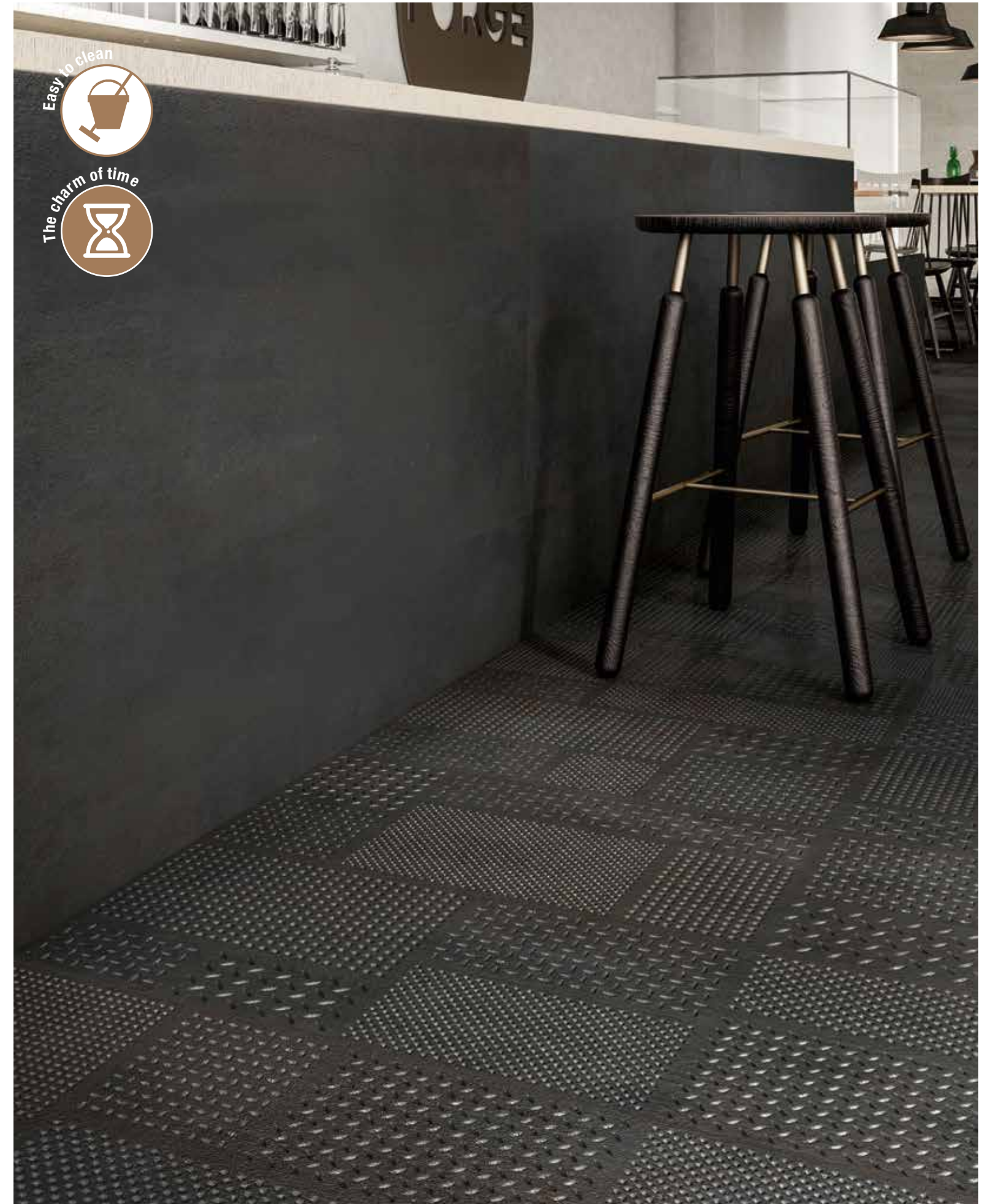
## DARK + INOX

RESISTANT DECORATIVE FINISH

LE DECORAZIONI E I FONDI IRIDESCENTI FORGE SI PRESTANO AD UN UTILIZZO PIÙ AMPIO. LA LORO RESISTENZA UNITA ALLA FACILITÀ DI MANUTENZIONE CONSEGNAANO AD ARCHITETTI E PROFESSIONISTI UNA MATERIA INEGUAGLIABILE, CHE NON SI OSSIDA E RIMARRÀ INALTERATA PER SEMPRE.

FORGE DECORATIONS AND IRIDESCENT PLAIN TILES CAN BE USED IN VARIOUS WAYS. THEIR RESISTANCE AND EASY MAINTENANCE PROVIDE ARCHITECTS AND PROFESSIONALS WITH AN UNRIVALED MATERIAL THAT DOES NOT OXIDIZE AND WILL REMAIN UNCHANGED FOREVER.

WALL: Forge Metal Inox Struttura Metal Mix Rettificato 30x120 - 11"13/16x47"1/4 - Forge Metal Dark Rettificato 60x120 - 23"5/8x47"1/4  
FLOOR: Forge Metal Dark Struttura Metal Mix Rettificato 60x120 - 23"5/8x47"1/4



Les décors et les fonds irisées Forge conviennent à une utilisation plus large, leur **résistance combinée à la facilité de maintenance** mettent entre les mains des architectes et des professionnels un **matériau inégalable qui ne s'oxyde pas et restera inchangé pour toujours.**

Die Dekorationen und irisierenden Grundfliesen von Forge eignen sich für ein breites Anwendungsspektrum, ihre **Robustheit und Pflegefreundlichkeit** geben Architekten und Planern ein **hochwertiges Material** zur Hand, **das nicht oxidiert und dauerhaft schön bleibt.**



WALL: Forge Metal Bronzo Struttura Stream Rettificato 30x120 - 11<sup>13/16</sup>x47<sup>1/4</sup> - Forge Metal Bronzo Rettificato 30x120 - 11<sup>13/16</sup>x47<sup>1/4</sup>  
 Forge Metal Inox Rettificato 30x120 - 11<sup>13/16</sup>x47<sup>1/4</sup> - Cementine Metal Mix 20x20 - 7<sup>7/8</sup>x7<sup>7/8</sup>  
 FLOOR: Forge Metal Bronzo Rettificato 60x60 - 23<sup>5/8</sup>x23<sup>5/8</sup>

## BRONZO + INOX

SAFE, FASHIONABLE MATERIAL

FORGE È UNA **SUPERFICIE SICURA**. NON VENGONO APPLICATE VERNICI E IL PRODOTTO NON SI ALTERA. IL GRES PORCELLANATO NOVABELL È **100% MADE IN ITALY** E, ATTRAVERSO FORGE, SEGUE COERENTEMENTE IL **PROGETTO INTEGRATO**: IL METODO PROGETTUALE RIVOLTO ALLA CONTAMINAZIONI TRA EFFETTI STILISTICI.

FORGE IS A **SAFE SURFACE**. NO PAINTS ARE APPLIED TO IT AND THE PRODUCT DOES NOT CHANGE. NOVABELL PORCELAIN STONEWARE IS **100% MADE IN ITALY** AND, WITH FORGE, IT CONSISTENTLY FOLLOWS THE **INTEGRATED PROJECT**: THE DESIGN METHOD FOCUSED ON CONTAMINATIONS BETWEEN STYLISTIC EFFECTS.



Forge est une **surface sûre**, aucune peinture n'est appliquée et le produit ne s'altère pas. Le grès cérame NovaBell est **100 % Made in Italy** et, à travers Forge, suit de façon cohérente le **Projet intégré** : la méthode de conception visant à la **contamination entre les effets stylistiques**.

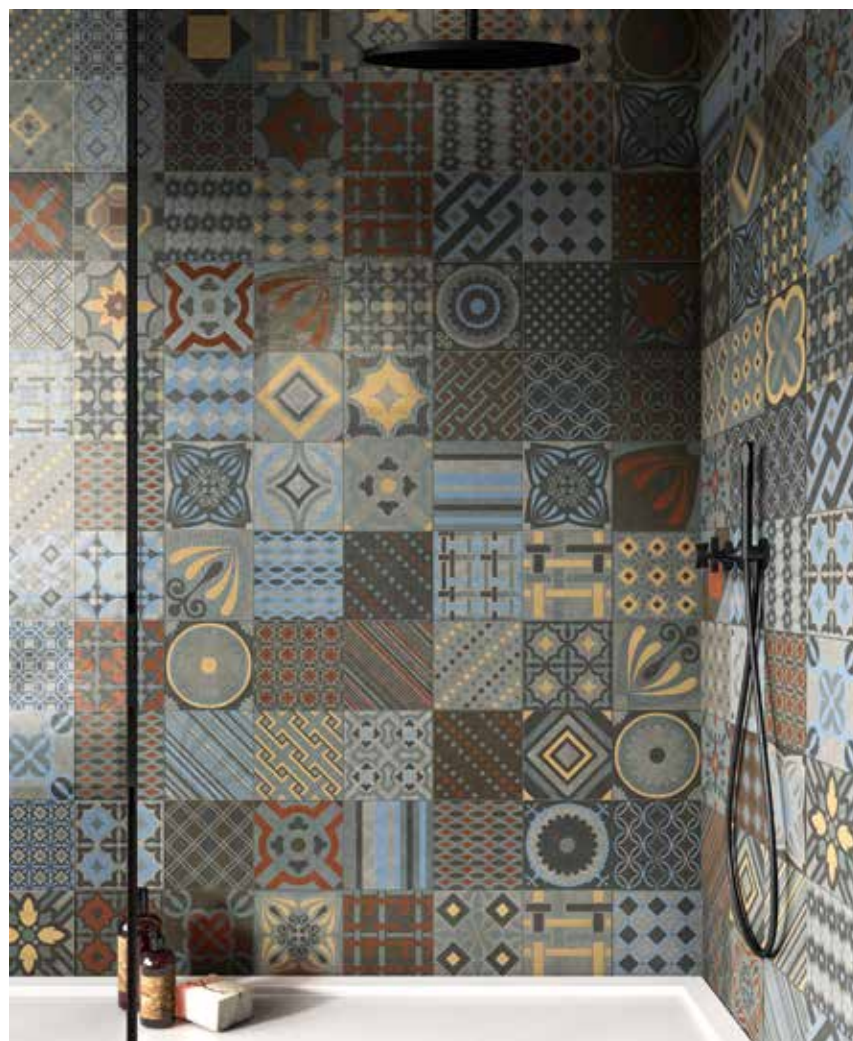
Forge ist ein langlebiger **sicherer Belag** ohne Lackauftrag. Das Feinsteinzeug von NovaBell ist **100% Made in Italy**. Es entspricht den Prinzipien des **Integrierten Konzepts**, das **unterschiedliche Materialoptiken zu neuartigen Kompositionen** zusammenführt.



## MURETTO + CEMENTINE

I MODULI MURETTO, COSÌ COME LE CEMENTINE, RIVESTONO ANGOLI PREZIOSI AGGIUNGENDO, OGNI GIORNO, VALORE ESTETICO ALLO SPAZIO DOMESTICO.

THE MURETTO MODULES, LIKE THE CEMENTINE MODULES, FURNISH IMPORTANT LITTLE CORNERS BRINGING AESTHETIC VALUE TO THE DOMESTIC SPACE EVERY DAY.



Les modules Muretto, tout comme les Cementine, recouvrent des angles précieux en enrichissant, chaque jour, la valeur esthétique de l'espace domestique.

Die Muretto- und Cementine-Module werten häusliche Bereiche durch eine edle Optik auf, die Tag für Tag aufs Neue fasziniert.

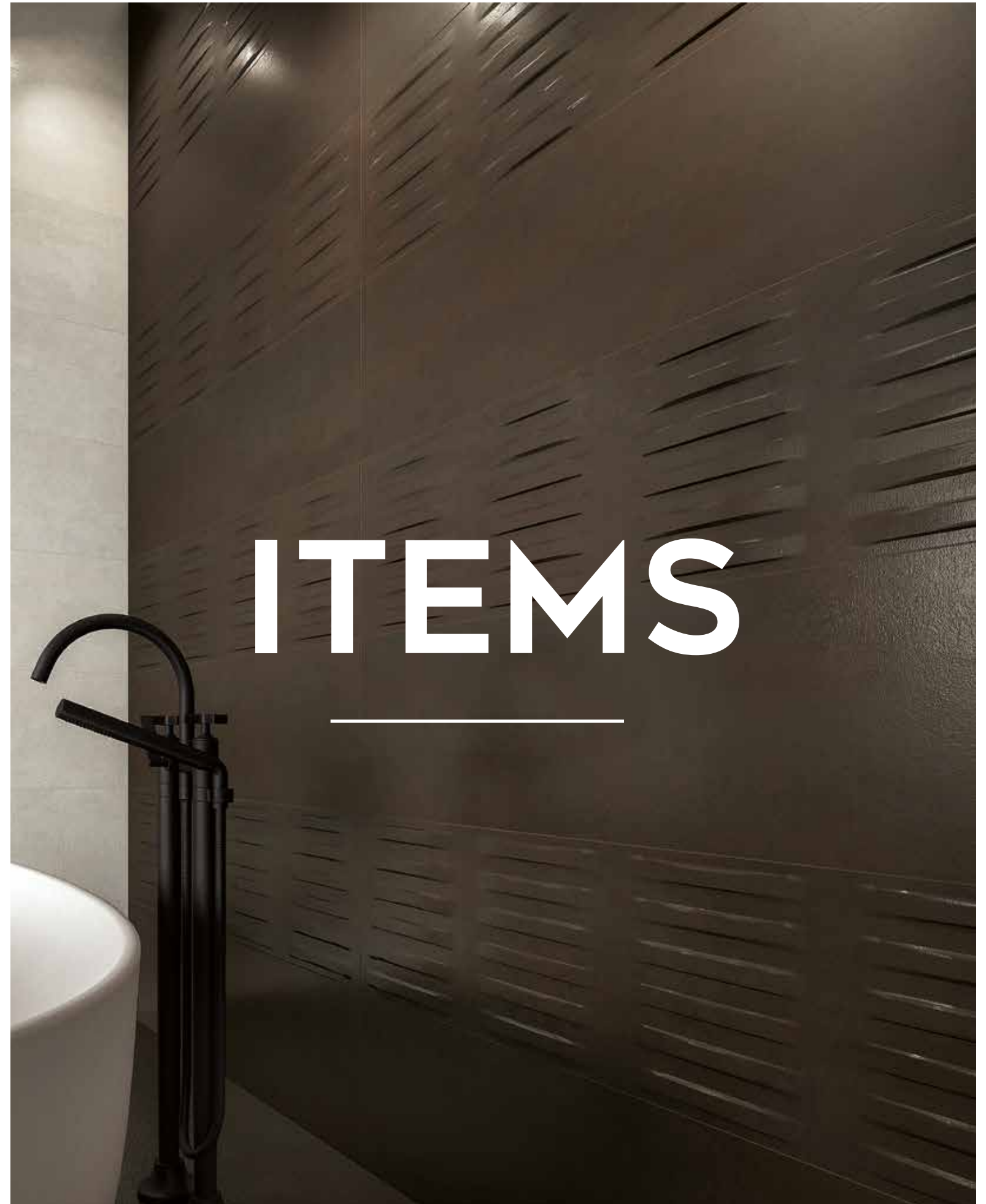



WALL: Forge Metal Bronzo Struttura Stream Rettificato 30x120 - 11<sup>°</sup>13/16x47<sup>°</sup>1/4 - Forge Metal Bronzo Rettificato 30x120 - 11<sup>°</sup>13/16x47<sup>°</sup>1/4  
Forge Metal Muretto Bronzo Rettificato 30x60 - 11<sup>°</sup>13/16x23<sup>°</sup>5/8 - Forge Metal Inox Rettificato 30x120 - 11<sup>°</sup>13/16x47<sup>°</sup>1/4  
FLOOR: Forge Metal Bronzo Rettificato 60x60 - 23<sup>°</sup>5/8x23<sup>°</sup>5/8




WALL: Forge Dark 60x120 - 23<sup>5/8</sup>x47<sup>1/4</sup> / Forge Struttura Stream Dark 60x120 - 23<sup>5/8</sup>x47<sup>1/4</sup> / Global Bianco Lux 120x45 - 47<sup>1/4</sup>x17<sup>11/16</sup>  
Global Wave Bianco Lux 120x45 - 47<sup>1/4</sup>x17<sup>11/16</sup>  
FLOOR: Forge Inox 60x60 - 23<sup>5/8</sup>x23<sup>5/8</sup> / Forge Dark 60x60 - 23<sup>5/8</sup>x23<sup>5/8</sup>

**DARK + INOX + GLOBAL**





cm. 80x80  
inch. 31<sup>1</sup>/<sub>2</sub>x31<sup>1</sup>/<sub>2</sub> 

cm. 60x120  
inch. 23<sup>5</sup>/<sub>8</sub>x47<sup>1</sup>/<sub>4</sub> 

cm. 30x120  
inch. 11<sup>1</sup>/<sub>3</sub>x47<sup>1</sup>/<sub>4</sub>

cm. 60x60  
inch. 23<sup>5</sup>/<sub>8</sub>x23<sup>5</sup>/<sub>8</sub>

cm. 30x60  
inch. 11<sup>1</sup>/<sub>3</sub>x23<sup>5</sup>/<sub>8</sub>   






TECHNICAL	DIN 51130	DIN 51097	BCR	ANSI DCOF	Deep Abrasion Resistance	MOHS	Recommended Use	Resistance to Staining	ANSI A 137.1
N	NATURAL	R10	A	DRY > 0.40 WET > 0.40	WET ≥ 0.42	< 175 mm <sup>3</sup>	≥ 5	4	5
OUT WALK	20 MM	R11	A+B+C	DRY > 0.40 WET > 0.40	WET ≥ 0.42	< 130 mm <sup>3</sup>	≥ 8	5	5



60x120 - 23<sup>5</sup>/<sub>8</sub>x47<sup>1</sup>/<sub>4</sub>  
FRG 92RT Dark Rettificato  



60x60 - 23<sup>5</sup>/<sub>8</sub>x23<sup>5</sup>/<sub>8</sub>  
FRG 90RT Dark Rettificato  



60x120 - 23<sup>5</sup>/<sub>8</sub>x47<sup>1</sup>/<sub>4</sub>  
FRG 91RT Struttura Metal Mix Dark Rettificato  





60x60 - 23<sup>5</sup>/<sub>8</sub>x23<sup>5</sup>/<sub>8</sub>  
FRG 910R Struttura Metal Mix Dark Rett.  




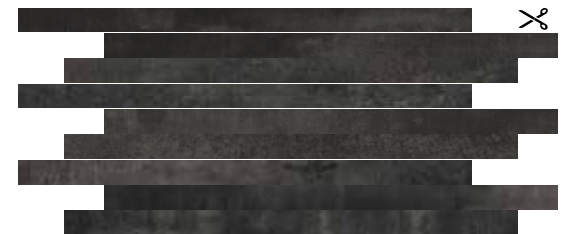
30x120 - 11<sup>1</sup>/<sub>3</sub>x47<sup>1</sup>/<sub>4</sub>  
FRG 93RT Dark Rettificato  





30x60 - 11<sup>1</sup>/<sub>3</sub>x23<sup>5</sup>/<sub>8</sub>  
FRG 96RT Dark Rettificato  



30x120 - 11<sup>1</sup>/<sub>3</sub>x47<sup>1</sup>/<sub>4</sub>  
FRG 911R Struttura Metal Mix Dark Rettificato  



30x60 - 11<sup>1</sup>/<sub>3</sub>x23<sup>5</sup>/<sub>8</sub>  
FRG 996N Muretto Dark  



80x80 - 31<sup>1</sup>/<sub>2</sub>x31<sup>1</sup>/<sub>2</sub>  
FRG 98RT Dark Rettificato  


**OUT WALK**

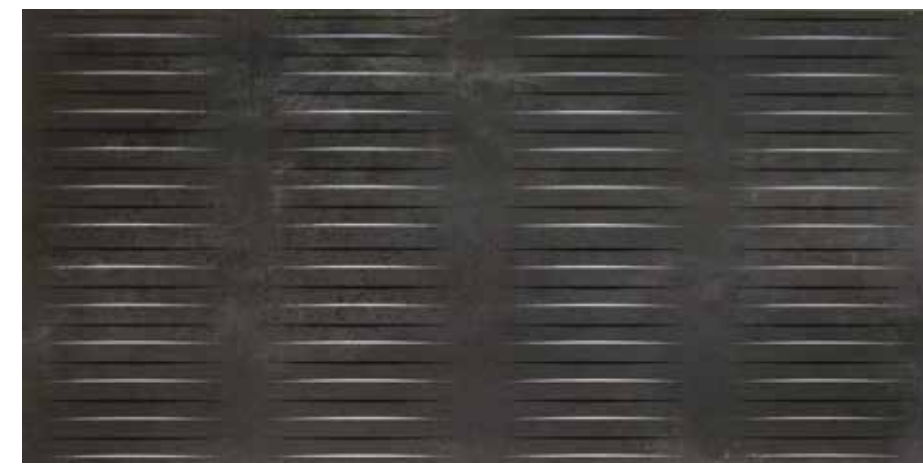
**20** Porcelain slabs

DIN 51030 R11  DIN 51097 A+B+C  BCR DRY > 0.40  
WET > 0.40  DCOF WET ≥ 0.42  <130 mm<sup>3</sup>  MOHS ≥ 8 

± 20 mm



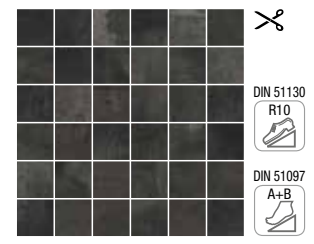
80x80 - 31<sup>1</sup>/<sub>2</sub>x31<sup>1</sup>/<sub>2</sub>  
FRG 97RT Dark 20mm Rettificato  





60x120 - 23<sup>5</sup>/<sub>8</sub>x47<sup>1</sup>/<sub>4</sub>  
FRG 95RT Struttura Stream Dark Rettificato  



30x120 - 11<sup>1</sup>/<sub>3</sub>x47<sup>1</sup>/<sub>4</sub>  
FRG 915R Struttura Stream Dark Rettificato  



30x30 - 11<sup>1</sup>/<sub>3</sub>x11<sup>1</sup>/<sub>3</sub>  
FRG 995N Mosaico 5x5 Dark  

**COORDINATED DÉCO**




20x20 - 7<sup>7</sup>/<sub>8</sub>x7<sup>7</sup>/<sub>8</sub> DEC 272K Cementine Mix  

20x20 - 7<sup>7</sup>/<sub>8</sub>x7<sup>7</sup>/<sub>8</sub> DEC 227K Cementine Color Mix  

 15   230 Battiscopa 7x60 FRG B90K	 08   260 Battiscopa 7x80 FRG B98K	 01   670 Gradino Elle Rett. 33x120x4 FRG G91K	 01   676 Angolo DX Rett. 33x120x4 FRG G92K	 01   676 Angolo SX Rett. 33x120x4 FRG G93K
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\* 6 SETTIMANE DI CONSEGNA. / DELIVERY WEEKS. / SEMAINES DE LIVRAISON. / WOCHEN LIEFERZEIT.

cm. 80x80  
inch. 31<sup>1</sup>/<sub>2</sub>x31<sup>1</sup>/<sub>2</sub> 


cm. 60x120  
inch. 23<sup>5</sup>/<sub>8</sub>x47<sup>1</sup>/<sub>4</sub>

cm. 30x120  
inch. 11<sup>1</sup>/<sub>3</sub>x47<sup>1</sup>/<sub>4</sub>

cm. 60x60  
inch. 23<sup>5</sup>/<sub>8</sub>x23<sup>5</sup>/<sub>8</sub>

cm. 30x60  
inch. 11<sup>1</sup>/<sub>3</sub>x23<sup>5</sup>/<sub>8</sub>   




TECHNICAL	DIN 51130	DIN 51097	BCR	ANSI DCOF	Deep Abrasion Resistance	MOHS	Recommended Use	Resistance to Staining	ANSI A 137.1
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OUT WALK	20 MM	R11	A+B+C	DRY > 0.40 WET > 0.40	WET ≥ 0.42 < 130 mm <sup>3</sup>	≥ 8	5	5	V3



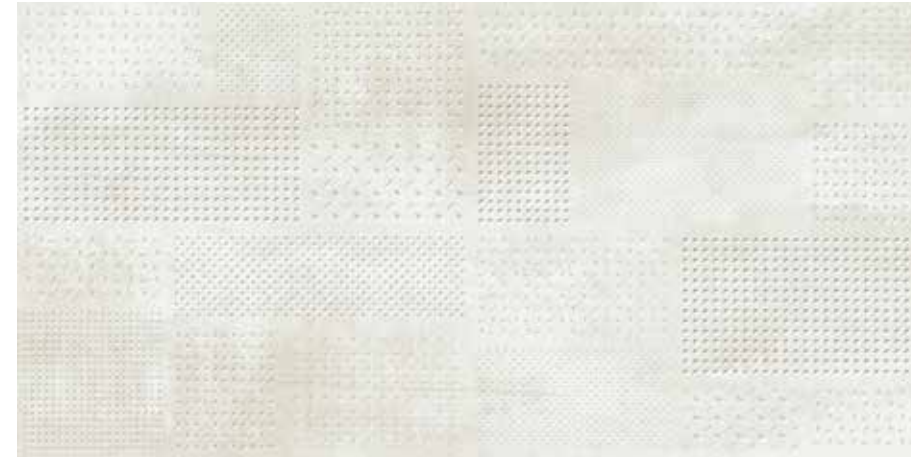
60x120 - 23<sup>5</sup>/<sub>8</sub>x47<sup>1</sup>/<sub>4</sub>  
FRG 82RT Inox Rettificato

02  
1085



60x60 - 23<sup>5</sup>/<sub>8</sub>x23<sup>5</sup>/<sub>8</sub>  
FRG 80RT Inox Rettificato

03  
1095



60x120 - 23<sup>5</sup>/<sub>8</sub>x47<sup>1</sup>/<sub>4</sub>  
FRG 81RT Struttura Metal Mix Inox Rettificato

02  
1095



60x60 - 23<sup>5</sup>/<sub>8</sub>x23<sup>5</sup>/<sub>8</sub>  
FRG 810R Struttura Metal Mix Inox Rett.

03  
1070



30x120 - 11<sup>1</sup>/<sub>3</sub>x47<sup>1</sup>/<sub>4</sub>  
FRG 83RT Inox Rettificato

03  
1090



30x60 - 11<sup>1</sup>/<sub>3</sub>x23<sup>5</sup>/<sub>8</sub>  
FRG 86RT Inox Rettificato

07  
1035



30x120 - 11<sup>1</sup>/<sub>3</sub>x47<sup>1</sup>/<sub>4</sub>  
FRG 811R Struttura Metal Mix Inox Rettificato

03  
1095



30x60 - 11<sup>1</sup>/<sub>3</sub>x23<sup>5</sup>/<sub>8</sub>  
FRG 886N Muretto Inox

04  
3130



80x80 - 31<sup>1</sup>/<sub>2</sub>x31<sup>1</sup>/<sub>2</sub>  
FRG 88RT Inox Rettificato

02  
1085

**OUT WALK**

**20** Porcelain slabs

DIN 51030  
R11

DIN 51097  
A+B+C

BCR  
DRY > 0.40  
WET > 0.40

DCOF  
WET ≥ 0.42

MOHS  
<130 mm<sup>3</sup>  
≥ 8

± 20 mm

80x80 - 31<sup>1</sup>/<sub>2</sub>x31<sup>1</sup>/<sub>2</sub>  
FRG 87RT Inox 20mm Rettificato

01  
1120



60x120 - 23<sup>5</sup>/<sub>8</sub>x47<sup>1</sup>/<sub>4</sub>  
FRG 85RT Struttura Stream Inox Rettificato

02  
1095



30x120 - 11<sup>1</sup>/<sub>3</sub>x47<sup>1</sup>/<sub>4</sub>  
FRG 815R Struttura Stream Inox Rettificato

03  
1095



30x30 - 11<sup>1</sup>/<sub>3</sub>x11<sup>1</sup>/<sub>3</sub>  
FRG 885N Mosaico 5x5  
Inox

DIN 51130  
R10  
DIN 51097  
A+B  
10  
3115

 Battiscopa 7x60 FRG B80K	 Battiscopa 7x80 FRG B88K	 Gradino Elle Rett. 33x120x4 FRG G81K	 Angolo DX Rett. 33x120x4 FRG G82K	 Angolo SX Rett. 33x120x4 FRG G83K
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\* 6 SETTIMANE DI CONSEGNA. / DELIVERY WEEKS. / SEMAINES DE LIVRAISON. / WOCHEN LIEFERZEIT.

**COORDINATED DÉCO**



20x20 - 7<sup>7</sup>/<sub>8</sub>x7<sup>7</sup>/<sub>8</sub>  
DEC 272K Cementine Mix  
1105



20x20 - 7<sup>7</sup>/<sub>8</sub>x7<sup>7</sup>/<sub>8</sub>  
DEC 227K Cementine  
Color Mix  
1105



# ALLUMINIO

cm. 80x80  
inch. 31<sup>1</sup>/<sub>2</sub>x31<sup>1</sup>/<sub>2</sub>



cm. 60x120  
inch. 23<sup>5</sup>/<sub>8</sub>x47<sup>1</sup>/<sub>4</sub>

cm. 30x120  
inch. 11<sup>1</sup>/<sub>3</sub>x47<sup>1</sup>/<sub>4</sub>

cm. 60x60  
inch. 23<sup>5</sup>/<sub>8</sub>x23<sup>5</sup>/<sub>8</sub>

cm. 80x80  
inch. 31<sup>1</sup>/<sub>2</sub>x31<sup>1</sup>/<sub>2</sub>



cm. 30x60  
inch. 11<sup>1</sup>/<sub>3</sub>x23<sup>5</sup>/<sub>8</sub>



TECHNICAL DATA  
NATURAL



TECHNICAL DATA  
20MM



TECHNICAL	DIN 51130	DIN 51097	BCR	ANSI DCOF	Deep Abrasion Resistance	MOHS	Recommended Use	Resistance to Staining	ANSI A 137.1
N	NATURAL	R10	A	DRY > 0.40 WET > 0.40	WET ≥ 0.42 < 175 mm <sup>3</sup>	≥ 5	4	5	
OUT WALK	20 MM	R11	A+B+C	DRY > 0.40 WET > 0.40	WET ≥ 0.42 < 130 mm <sup>3</sup>	≥ 8	5	5	V3



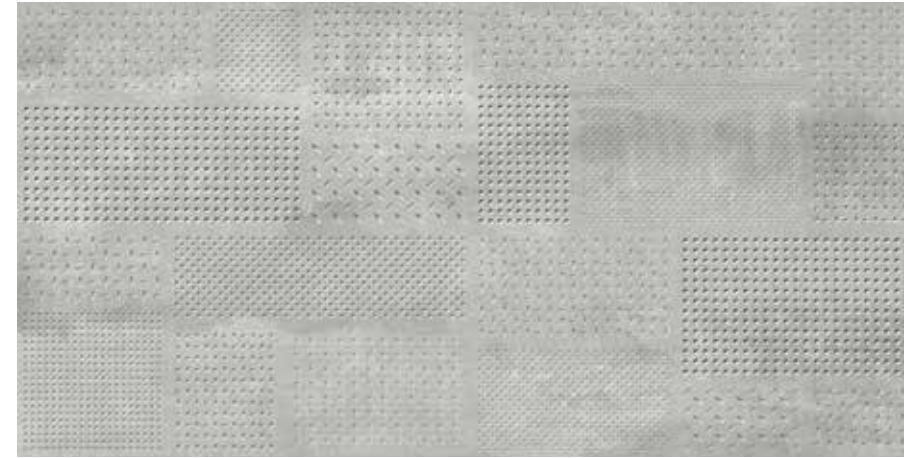
60x120 - 23<sup>5</sup>/<sub>8</sub>x47<sup>1</sup>/<sub>4</sub>  
FRG 12RT Alluminio Rettificato

02  
1085



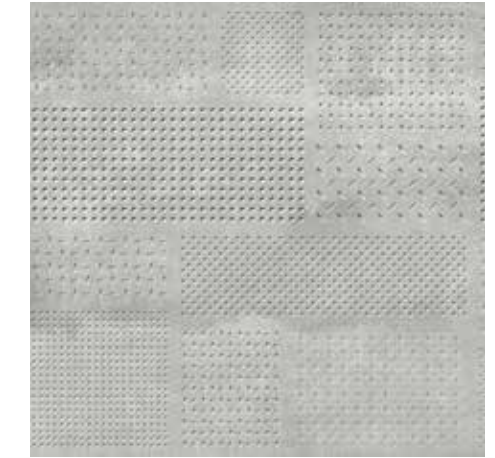
60x60 - 23<sup>5</sup>/<sub>8</sub>x23<sup>5</sup>/<sub>8</sub>  
FRG 10RT Alluminio Rettificato

03  
1065



60x120 - 23<sup>5</sup>/<sub>8</sub>x47<sup>1</sup>/<sub>4</sub>  
FRG 11RT Struttura Metal Mix Alluminio Rettificato

02  
1095



60x60 - 23<sup>5</sup>/<sub>8</sub>x23<sup>5</sup>/<sub>8</sub>  
FRG 110R Struttura Metal Mix Alluminio Rett.

03  
1070



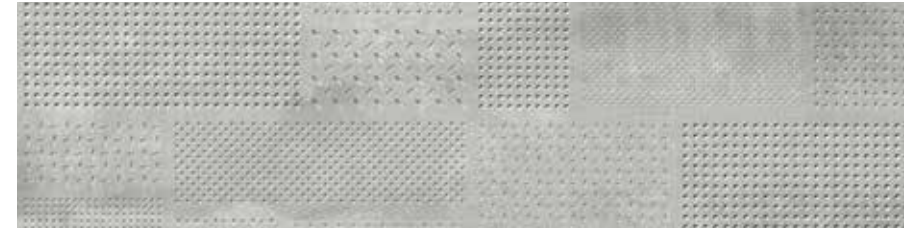
30x120 - 11<sup>1</sup>/<sub>3</sub>x47<sup>1</sup>/<sub>4</sub>  
FRG 13RT Alluminio Rettificato

03  
1090



30x60 - 11<sup>1</sup>/<sub>3</sub>x23<sup>5</sup>/<sub>8</sub>  
FRG 16RT Alluminio Rettificato

07  
1035



30x120 - 11<sup>1</sup>/<sub>3</sub>x47<sup>1</sup>/<sub>4</sub>  
FRG 111R Struttura Metal Mix Alluminio Rettificato

03  
1095



30x60 - 11<sup>1</sup>/<sub>3</sub>x23<sup>5</sup>/<sub>8</sub>  
FRG 116N Muretto Alluminio

04  
3130



80x80 - 31<sup>1</sup>/<sub>2</sub>x31<sup>1</sup>/<sub>2</sub>  
FRG 18RT Alluminio Rettificato

02  
1085

**OUT WALK**

20 Porcelain slabs

DIN 51030 R11

DIN 51097 A+B+C

BCR DRY > 0.40 WET > 0.40

DCOF WET ≥ 0.42

<130 mm<sup>3</sup>

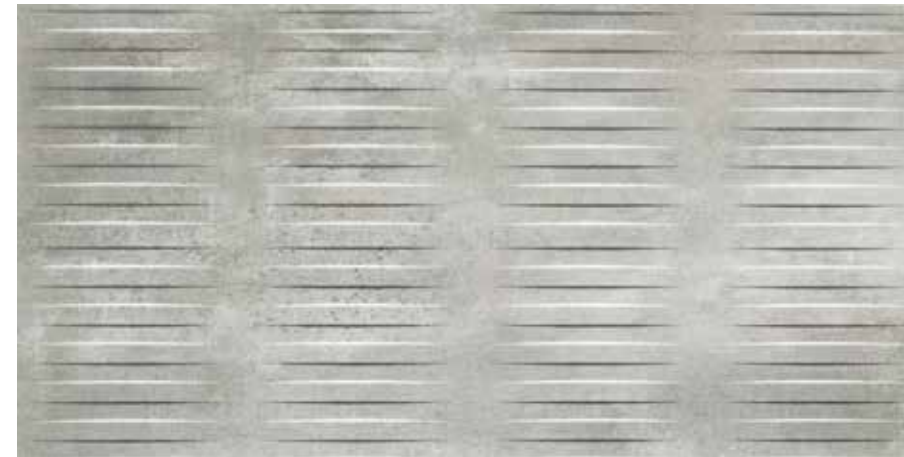
MOHS ≥ 8

± 20 mm



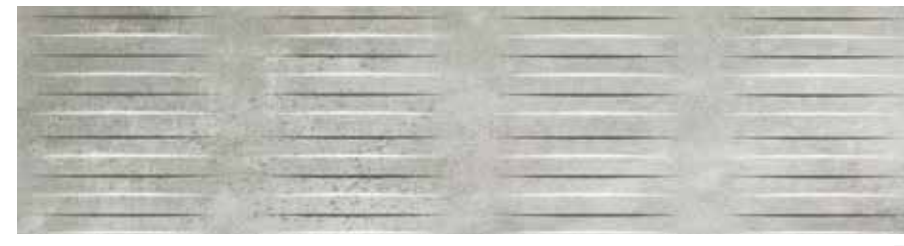
80x80 - 31<sup>1</sup>/<sub>2</sub>x31<sup>1</sup>/<sub>2</sub>  
FRG 17RT Alluminio 20mm Rettificato

01  
1120



60x120 - 23<sup>5</sup>/<sub>8</sub>x47<sup>1</sup>/<sub>4</sub>  
FRG 15RT Struttura Stream Alluminio Rettificato

02  
1095



30x120 - 11<sup>1</sup>/<sub>3</sub>x47<sup>1</sup>/<sub>4</sub>  
FRG 115R Struttura Stream Alluminio Rettificato

03  
1095





30x30 - 11<sup>1</sup>/<sub>3</sub>x11<sup>1</sup>/<sub>3</sub>  
FRG 115N Mosaico 5x5 Alluminio

10  
3115

FRG B10K	FRG B18K	FRG G11K	FRG G12K	FRG G13K



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

cm. 80x80  
inch. 31<sup>1</sup>/<sub>2</sub>x31<sup>1</sup>/<sub>2</sub> 


cm. 60x120  
inch. 23<sup>5</sup>/<sub>8</sub>x47<sup>1</sup>/<sub>4</sub> 

cm. 30x120  
inch. 11<sup>1</sup>/<sub>3</sub>x47<sup>1</sup>/<sub>4</sub>

cm. 60x60  
inch. 23<sup>5</sup>/<sub>8</sub>x23<sup>5</sup>/<sub>8</sub>

cm. 30x60  
inch. 11<sup>1</sup>/<sub>3</sub>x23<sup>5</sup>/<sub>8</sub>   




TECHNICAL	DIN 51130	DIN 51097	BCR	ANSI DCOF	Deep Abrasion Resistance	MOHS	Recommended Use	Resistance to Staining	ANSI A 137.1
N	NATURAL	R10	A	DRY > 0.40 WET > 0.40	WET ≥ 0.42 < 175 mm <sup>3</sup>	≥ 5	4	5	
OUT WALK	20 MM	R11	A+B+C	DRY > 0.40 WET > 0.40	WET ≥ 0.42 < 130 mm <sup>3</sup>	≥ 8	5	5	V3



60x120 - 23<sup>5</sup>/<sub>8</sub>x47<sup>1</sup>/<sub>4</sub>  
FRG 62RT Bronzo Rettificato

02  
1085



60x60 - 23<sup>5</sup>/<sub>8</sub>x23<sup>5</sup>/<sub>8</sub>  
FRG 60RT Bronzo Rettificato

03  
1065



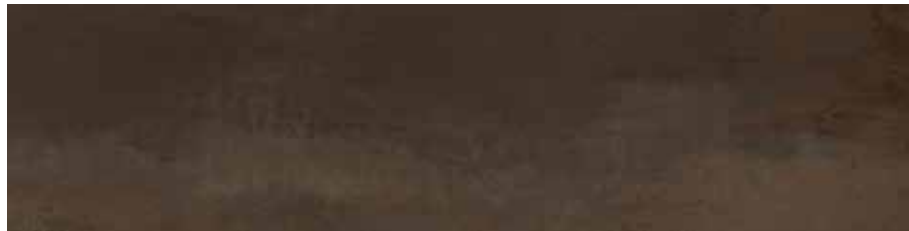
60x120 - 23<sup>5</sup>/<sub>8</sub>x47<sup>1</sup>/<sub>4</sub>  
FRG 61RT Struttura Metal Mix Bronzo Rettificato

02  
1095



60x60 - 23<sup>5</sup>/<sub>8</sub>x23<sup>5</sup>/<sub>8</sub>  
FRG 610R Struttura Metal Mix Bronzo Rett.

03  
1070



30x120 - 11<sup>1</sup>/<sub>3</sub>x47<sup>1</sup>/<sub>4</sub>  
FRG 63RT Bronzo Rettificato

03  
1090



30x60 - 11<sup>1</sup>/<sub>3</sub>x23<sup>5</sup>/<sub>8</sub>  
FRG 66RT Bronzo Rettificato

07  
1035



30x120 - 11<sup>1</sup>/<sub>3</sub>x47<sup>1</sup>/<sub>4</sub>  
FRG 611R Struttura Metal Mix Bronzo Rettificato

03  
1095



30x60 - 11<sup>1</sup>/<sub>3</sub>x23<sup>5</sup>/<sub>8</sub>  
FRG 666N Muretto Bronzo

04  
3130



80x80 - 31<sup>1</sup>/<sub>2</sub>x31<sup>1</sup>/<sub>2</sub>  
FRG 68RT Bronzo Rettificato

02  
1085

**OUT WALK**

20 Porcelain slabs

DIN 51030 R11

DIN 51097 A+B+C

BCR DRY > 0.40  
WET > 0.40

DCOF WET ≥ 0.42

<130 mm<sup>3</sup>

MOHS ≥ 8

± 20 mm



80x80 - 31<sup>1</sup>/<sub>2</sub>x31<sup>1</sup>/<sub>2</sub>  
FRG 67RT Bronzo 20mm Rettificato

01  
1120



60x120 - 23<sup>5</sup>/<sub>8</sub>x47<sup>1</sup>/<sub>4</sub>  
FRG 65RT Struttura Stream Bronzo Rettificato

02  
1095



30x120 - 11<sup>1</sup>/<sub>3</sub>x47<sup>1</sup>/<sub>4</sub>  
FRG 615R Struttura Stream Bronzo Rettificato

03  
1095



30x30 - 11<sup>1</sup>/<sub>3</sub>x11<sup>1</sup>/<sub>3</sub>  
FRG 665N Mosaico 5x5  
Bronzo

10  
3115

**COORDINATED DÉCO**



20x20 - 7<sup>7</sup>/<sub>16</sub>x7<sup>7</sup>/<sub>16</sub>  
DEC 227K Cementine Color Mix

27  
1105

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

cm. 80x80  
inch. 31<sup>1</sup>/<sub>2</sub>x31<sup>1</sup>/<sub>2</sub>



TECHNICAL	DIN 51130	DIN 51097	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 mm <sup>3</sup>	≥ 8	5	5	V3



80x80 - 31<sup>1</sup>/<sub>2</sub>x31<sup>1</sup>/<sub>2</sub>  
FRG 67RT Bronzo 20mm Rettificato **01** 1120



80x80 - 31<sup>1</sup>/<sub>2</sub>x31<sup>1</sup>/<sub>2</sub>  
FRG 87RT Inox 20mm Rettificato **01** 1120



80x80 - 31<sup>1</sup>/<sub>2</sub>x31<sup>1</sup>/<sub>2</sub>  
FRG 17RT Alluminio 20mm Rettificato **01** 1120



80x80 - 31<sup>1</sup>/<sub>2</sub>x31<sup>1</sup>/<sub>2</sub>  
FRG 97RT Dark 20mm Rettificato **01** 1120



**PEZZI SPECIALI ON DEMAND 20MM\***  
Special coordinated pieces. Zusammenstellbare Formteile. Pièces spéciales coordonnées.

- Toro Gradino Rettificato **02** 640  
40x80  
FRG G63K Bronzo  
FRG G83K Inox  
FRG G13K Alluminio  
FRG G93K Dark
- Gradino Elle Rettificato **02** 664  
33x80x6,5  
FRG G68K Bronzo  
FRG G88K Inox  
FRG G18K Alluminio  
FRG G98K Dark


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

**PEZZI SPECIALI ON DEMAND 20MM\***  
Special coordinated pieces. Zusammenstellbare Formteile. Pièces spéciales coordonnées.

- Bordo Antiderap Rett. **02** 645  
40x80  
FRG W61K Bronzo  
FRG W81K Inox  
FRG W11K Alluminio  
FRG W91K Dark
- Bordo Angolo SX Rett. **02** 654  
40x80  
FRG W62K Bronzo  
FRG W82K Inox  
FRG W12K Alluminio  
FRG W92K Dark
- Bordo Angolo DX Rett. **02** 654  
40x80  
FRG W64K Bronzo  
FRG W84K Inox  
FRG W14K Alluminio  
FRG W94K Dark
- Griglia Rettificata **02** 664  
20x80  
FRG W65K Bronzo  
FRG W85K Inox  
FRG W15K Alluminio  
FRG W95K Dark
- Griglia Angolo SX Rett. **02** 665  
20x80  
FRG W66K Bronzo  
FRG W86K Inox  
FRG W16K Alluminio  
FRG W96K Dark
- Griglia Angolo DX Rett. **02** 665  
20x80  
FRG W67K Bronzo  
FRG W87K Inox  
FRG W17K Alluminio  
FRG W97K Dark




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 $\leq 0,06 \%$
<b>Classification</b>	<b>Definition § 3.0</b>	<b>Porcelain tiles</b>
		<b>Physical properties</b>
Breaking strength - (ASTM C 648)	Average $\geq 250$ lbf (1.11 kN) Individual $\geq 225$ lbf (1.00 kN)	Complies
Visible abrasion - (ASTM C 1027)	As reported	Class 0 - 5
Raccomandato use	Novabell criterion (see Annex N - ISO 13006 / EN 14411)	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)	$\geq 0.42$ <sup>(1)</sup>	DCOF $\geq 0.42$
Bond strength (ASTM C 482)	$\geq 50$ psi (0.34 MPa)	$> 1$ MPa
Color Uniformity (ASTM C 609 and ANSI A 137.1 Section 9.3) <sup>(2)</sup>	V0 - 3 Judds	See the specific section
		<b>Chemical properties</b>
Chemical resistance (ASTM C 650)	As reported	Resistant
Stain resistance (ASTM C 1378)	As reported	Resistant
		<b>Dimensions - Calibrated tiles</b>
Dimensions - (ASTM C 499) - (ASTM C 485) - (ASTM C 502)	See ANSI A 137.1 - Tab.10	Complies
		<b>Dimensions - Rectified tiles</b>
Dimensions - (ASTM C 499) - (ASTM C 485) - (ASTM C 502)	See ANSI A 137.1 - Tab.10	Complies
Scrath hardenss of surface according to Mohs'	ex BS 6431-13 / ex EN 101	$\geq 5$

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




**FORGE METAL  
NATURALE**

 Utilizzare il QR CODE per scaricare le schede tecniche

 Use the QR CODE to download data sheets




**FORGE METAL  
20MM**

 Veuillez utiliser le QR CODE pour télécharger les fiches techniques

 QR CODE benutzen um die technische datenblätter runter zu laden

OUT WALK TECHNICAL DATA 20 MM	Bending Strength EN 13396 $\geq U11$ * for square slabs	Water Absorption $\leq 0,03\%$	DIN 51130 R11	DIN 51097 A+B+C	BS 7976 Pendulum Tester Average Values wet $\geq 50$ dry $\geq 55$	MOHS $\geq 8$	Modulus of Rupture $\geq 50$ N/mm <sup>2</sup>	Breaking Strength (for square slabs) $\geq 12.000$ N	Compressive Strength $\geq 200$ N/mm <sup>2</sup>
Resistance to Staining 5	Resistance to household chemicals and swimming pool salts A	Frost Resistance Complies	Thermal Shock Resistant	Color Resistance UV Light Resistant		Reaction to Fire A1FL	$\geq 500$ kg/cm <sup>2</sup> $\geq 7,500$ psi	$\geq 1.200$ kg $\geq 2,700$ lbs	$\geq 2.000$ kg/cm <sup>2</sup> $\geq 29,000$ psi

The international reference standards: ISO - EN **NATURALE**

Characteristics and Test methods 	Requirements EN 14411 <sup>(1)</sup> - G / ISO 13006 <sup>(2)</sup> - G	Our general values
Determination of water absorption - (ISO 10545-3)	Average value $E_b \leq 0,5 \%$ / Individual maximum 0,6%	$\leq 0,06 \%$ Average value and individual maximum
<b>Classification</b>	<b>Definition § 3.2 and § 3.7</b>	<b>BI<sub>a</sub> - Porcelain tiles</b>
		<b>Physical properties</b>
Modulus of rupture - (ISO 10545-4)	Average $\geq 35$ N/mm <sup>2</sup>	$\geq 35$ N/mm <sup>2</sup>
Breaking strength - (ISO 10545-4)	Average $\geq 1300$ N for thickness $\geq 7,5$ mm Average $\geq 700$ N for thickness $< 7,5$ mm	Complies
Resistance to surface abrasion - (ISO 10545-7)	Abrasion class and cycles passed	Class 0 - 5
Resistance to deep abrasion - (ISO 10545 - 6)	Max volume abraded $< 175$ / mm <sup>3</sup>	$< 175$ / mm <sup>3</sup>
Raccomandato use	Novabell criterion (see Annex N - ISO 13006 / EN 14411)	Class 4
Coefficient of linear thermal expansion (ISO 10545-8)	Declared value <sup>(1)</sup> / Test method available <sup>(2)</sup>	$< 7,1 \times 10^{-6}$ °C <sup>-1</sup>
Thermal shock resistance (ISO 10545-9)	Pass according to EN ISO 10545-1 <sup>(1)</sup> / Test method available <sup>(2)</sup>	Complies
Crazing resistance (ISO 10545-11)	Pass according to EN ISO 10545-1 <sup>(1)</sup> / Required <sup>(2)</sup>	Complies
Frost resistance (ISO 10545-12)	Pass according to EN ISO 10545-1 <sup>(1)</sup> / Required <sup>(2)</sup>	Complies
Moisture expansion (ISO 10545-10)	Declared value <sup>(1)</sup> / Test method available <sup>(2)</sup>	$\leq 0,2$ mm/m
Small colour differences (ISO 10545-16)	$\Delta E_{cmc} < 0,75$ <sup>(1)</sup>	If agreed
Impact resistance - (ISO 10545-5)	Declared value <sup>(1)</sup> / Test method available <sup>(2)</sup>	COR $> 0,75$
Reaction to fire	Class A1 or A1 <sub>FL</sub> <sup>(1)</sup>	A1 <sub>FL</sub> Classified Without Testing (CWT) - 96/603
		<b>Chemical properties</b>
Chemical resistance -(GL) (ISO 10545-13)		
Resistance to low and high concentrations of acids and alkalis	Declared value <sup>(1)</sup> / Manufacturer is to state classification <sup>(2)</sup>	Resistant (see "Maintenance and care" section)
Resistance to household chemicals and swimming pool salts	Minimum class B	GA
Resistance to staining (ISO 10545-14)	Minimum class 3	5 (see "Maintenance and care" section)
Release of dangerous substances (ISO 10545-15)	Declared value <sup>(1)</sup> / Test method available <sup>(2)</sup>	Pb $< 0,1$ / Cd $< 0,01$ mg/dm <sup>2</sup>
		<b>Dimensions and surface quality</b>
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
Dynamic Coefficient Friction wet and dry condition (BCR-ex BCRA) Italy	DM n. 236 / 1989 $\mu > 0,40$	$\mu > 0,40$
Scrath hardenss of surface according to Mohs'	ex BS 6431-13 / ex EN 101	$\geq 5$

 La tabella in italiano con i dati tecnici è scaricabile su [www.novabell.it](http://www.novabell.it)

 The English language technical specification for each collection can be downloaded from [www.novabell.it](http://www.novabell.it)

 Si vous le souhaitez, téléchargez le tableau contenant les données techniques en français en allant sur [www.novabell.it](http://www.novabell.it)

 Die Tabelle in deutscher Sprache kann auf [www.novabell.it](http://www.novabell.it) heruntergeladen werden.



PG FRG FT



PG FRG 120



PG FRG 60



PG FRG 80



Struttura Metal Mix 60x120



Struttura Stream 60x120



PG FRG FT 60x120



SCA-FRG



Struttura Stream



Struttura Stream



SCAFRG5

	SCATOLA / BOX			PALLET			
	pz	m2	kg	box	m2	kg	▽
80x80	2	1,280	27,9	40	51,200	1116	10,5
60x120	2	1,440	30,7	32	46,080	983	10
30x120	3	1,080	23,8	24	25,920	571	10
60x60	3	1,080	22,5	40	43,200	900	10
30x60	7	1,260	25,9	40	50,400	1036	10
80x80	1	0,640	28,8	40	25,60	1152	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.

## LEED® CERTIFICATION COMPLIANT

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

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

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

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

Product Certification BUREAU VERITAS Certification



CAT-FRG



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