



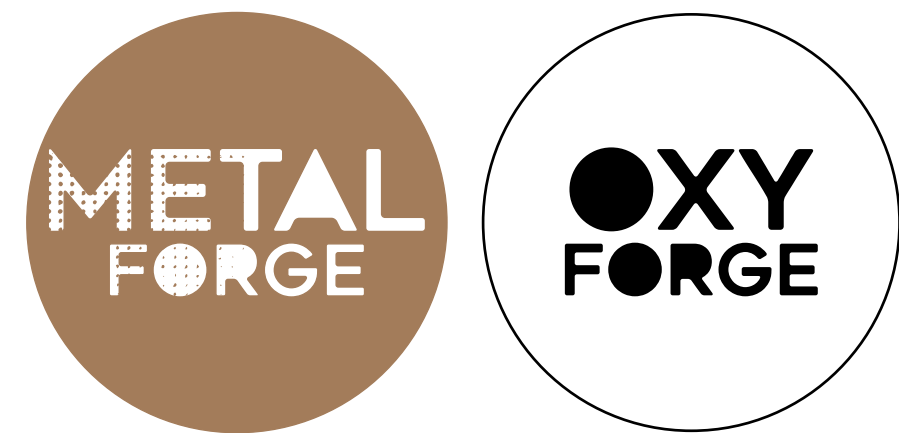
FORGE

RAW CONTEMPORARY PROJECT



NovaBell[®]
Ceramiche Gruppo Bellei

RAW CONTEMPORARY PROJECT



FORGE È IL NUOVO PROGETTO DI SUPERFICI NOVABELL CHE UNISCE
DUE ESPRESSIVITÀ MATERICHE: IL METALLO E IL CEMENTO.
METAL E OXY INTRECCIANO UN DIALOGO CON GLI SPAZI CONTEMPORANEI E
ASSECONDANO IL GUSTO DI CHI LI ABITA.

FORGE IS THE NEW NOVABELL SURFACE PROJECT THAT COMBINES
TWO EXPRESSIVE MATERIALS: METAL AND CONCRETE.
METAL AND OXY WEAVE A DIALOGUE WITH CONTEMPORARY SPACES
AND INDULGE THE TASTE OF THEIR INHABITANTS.

Forge est le nouveau projet de surfaces NovaBell qui unit **deux expressivités matérielles :**
le métal et le béton. METAL et OXY entament un dialogue avec les espaces
contemporains et épousent le goût de ceux qui y vivent.

Das neue Konzept Forge von NovaBell vereint die **zwei Materialinterpretationen Metall und Beton.**
METAL und OXY fügen sich stimmig in moderne Raumwelten im Einklang
mit den individuellen Stilwünschen.



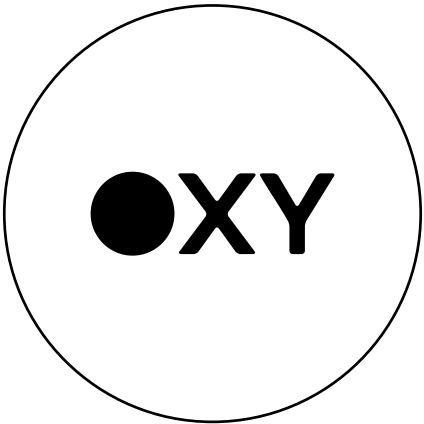
BIANCO

BEIGE

GRIGIO CHIARO

ANTRACITE

NERO

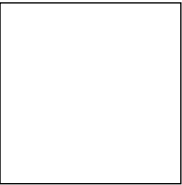


INSPIRED BY CONCRETE

OXY È L'INEDITO GRES PORCELLANATO **EFFETTO CEMENTO** CHE MANIFESTA I TRAGUARDI TECNOLOGICI NOVABELL. LA NUOVA **METICOLOSA RICERCA SUI MATERIALI D'ISPIRAZIONE** E LE **INNOVATIVE COMPETENZE INDUSTRIALI**, SI RIFLETTONO SULLE **5 NUANCE** E I GRANDI FORMATI. IL RISULTATO È UNA **SUPERFICIE MODERNA ED EQUILIBRATA** CHE INTRECCIA UN DIALOGO ARCHITETTONICO MISURATO E ARMONICO.

OXY IS INNOVATIVE **CONCRETE-LOOK** PORCELAIN STONEWARE THAT DEMONSTRATES NOVABELL'S TECHNICAL ACHIEVEMENTS. THE BRAND'S NEW **METICULOUS RESEARCH ON INSPIRATIONAL MATERIALS AND INNOVATIVE INDUSTRIAL SKILLS** IS REFLECTED IN **5 SHADES** AND LARGE SIZES. THE RESULT IS A **MODERN, BALANCED SURFACE** THAT WEAVES A MEASURED, HARMONIOUS ARCHITECTURAL DIALOGUE.

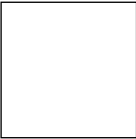
SIZES



80x80
31¹/₂x31¹/₂



60x120
23⁵/₈x47¹/₄



60x60
23⁵/₈x23⁵/₈



30x60
11¹³/₁₆x23⁵/₈



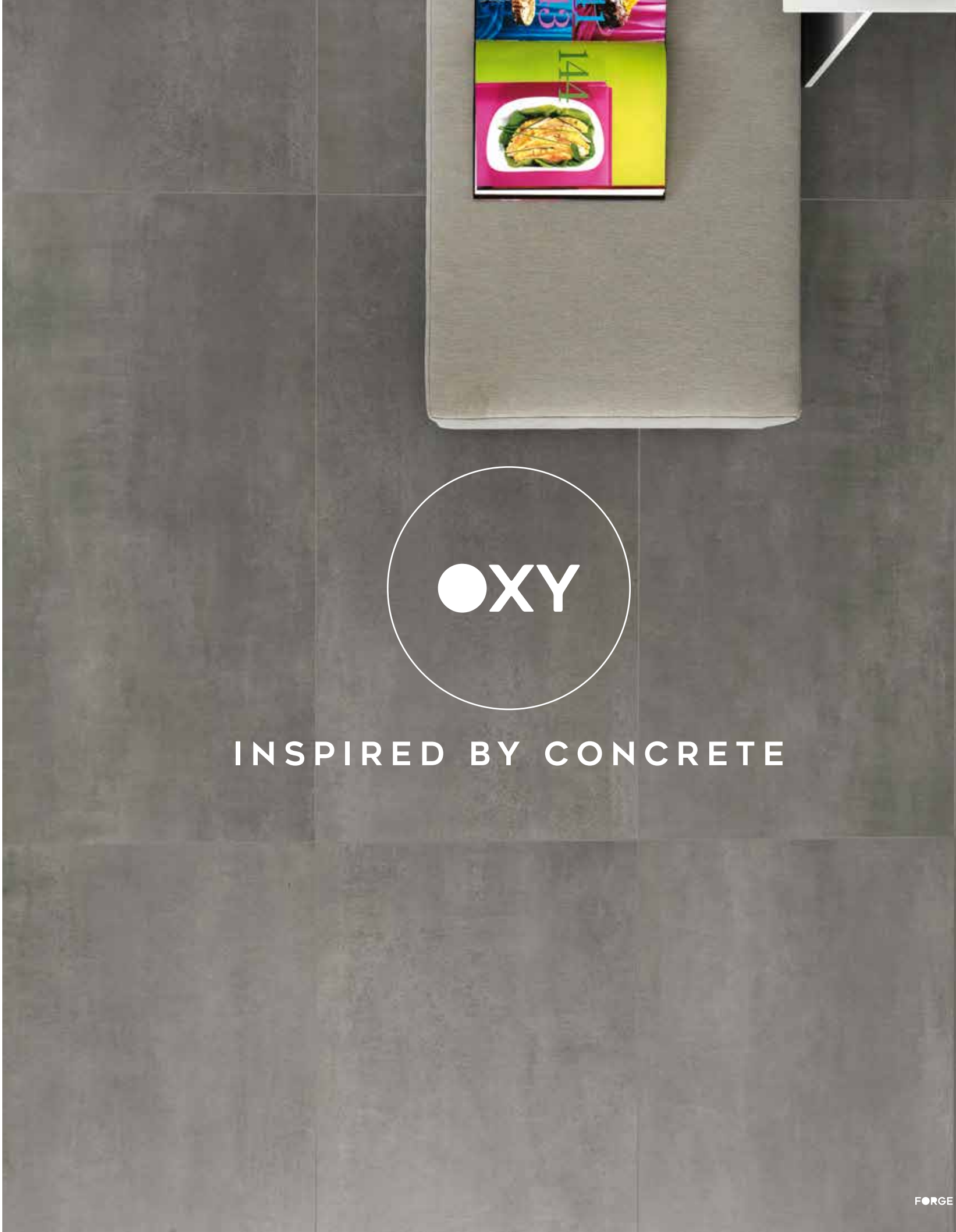
INSPIRED BY CONCRETE

OXY est le tout nouveau grès cérame **effet béton** qui témoigne des avancées technologiques NovaBell.
La nouvelle **recherche méticuleuse sur les matériaux sources de l'inspiration et les compétences industrielles innovantes** se reflètent dans les **5 nuances** et les grands formats.
Le résultat est une **surface moderne et équilibrée** qui entame un dialogue architectural mesuré et harmonieux.

Das neue Feinsteinzeug **OXY in Betonoptik** repräsentiert den technischen State of the Art von NovaBell.
Die **sorgfältige Aufarbeitung der Materialvorlagen und die technologische Kompetenz** zeigen sich in den **fünf Farben** und den Großformaten. So ist eine **moderne, stimmige Optik** entstanden, die sich harmonisch in den baulichen Kontext fügt.



WALL: Forge Bianco Rettificato 60x120 - 23 5/8x47 1/4
Forge Oxy Grigio Chiaro Rettificato 60x120 - 23 5/8x47 1/4
Forge Oxy Antracite Rettificato 60x120 - 23 5/8x47 1/4
FLOOR: Forge Oxy Nero Rettificato 60x120 - 23 5/8x47 1/4





INSPIRED BY METAL

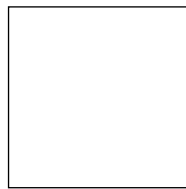
METAL È LA SUPERFICIE EFFETTO METALLO CHE ASSECONDA LA MODERNA ESTETICA INDUSTRIAL. QUATTRO INTENSE VARIANTI CROMATICHE INTRECCIANO SULLA SUPERFICIE IN GRES PORCELLANATO GLI EFFETTI CANGIANTI DEL METALLO, LE OSSIDAZIONI E LE PECULIARI RIFLETTENZE. NOVABELL APPAGA GLI SPAZI, INTERNI ED ESTERNI, DALL'ANIMO URBAN.

METAL IS A METAL-LOOK SURFACE THAT EMBRACES THE MODERN INDUSTRIAL AESTHETIC. FOUR INTENSE COLOUR VARIANTS INTERTWINE THE IRIDESCENT EFFECTS OF METAL, OXIDATION AND CURIOUS REFLECTIONS ON THE PORCELAIN STONEWARE SURFACE. NOVABELL COMPLEMENTS INTERIOR AND EXTERIOR SPACES WITH AN URBAN STYLE.

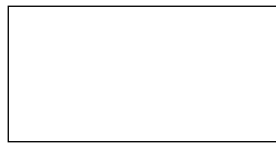
SIZES



80x80
31¹/₂x31¹/₂



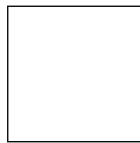
80x80
31¹/₂x31¹/₂



60x120
23⁵/₈x47¹/₄



30x120
11¹³/₁₆x47¹/₄



60x60
23⁵/₈x23⁵/₈



30x60
11¹³/₁₆x23⁵/₈

INOX

ALLUMINIO

BRONZO

DARK

FORGE 9



INSPIRED BY METAL

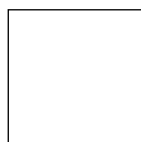
METAL est la surface à **effet métal** qui emboîte le pas à l'esthétique industrielle moderne. Quatre variations chromatiques intenses se mêlent aux **effets irisés du métal, aux oxydations et aux reflets particuliers** sur les surfaces en grès cérame. NovaBell satisfait les espaces, intérieurs et extérieurs, avec une âme urbaine.

Die Oberfläche **METAL** in **Metalloptik** entspricht dem modernen Industrial-Style. Vier kräftige Farbvarianten treffen auf dem Feinsteinzeug auf **schimmernde Metalleffekte, auf oxidierte wie glänzende Stellen**. NovaBell verleiht so Innen- und Außenbereichen eine urbane Anmutung.

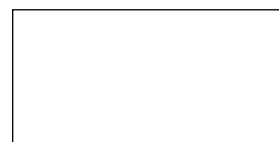


METAL MIX

WALL + FLOOR



60x60
23^{5/8}x23^{5/8}



60x120
23^{5/8}x47^{1/4}



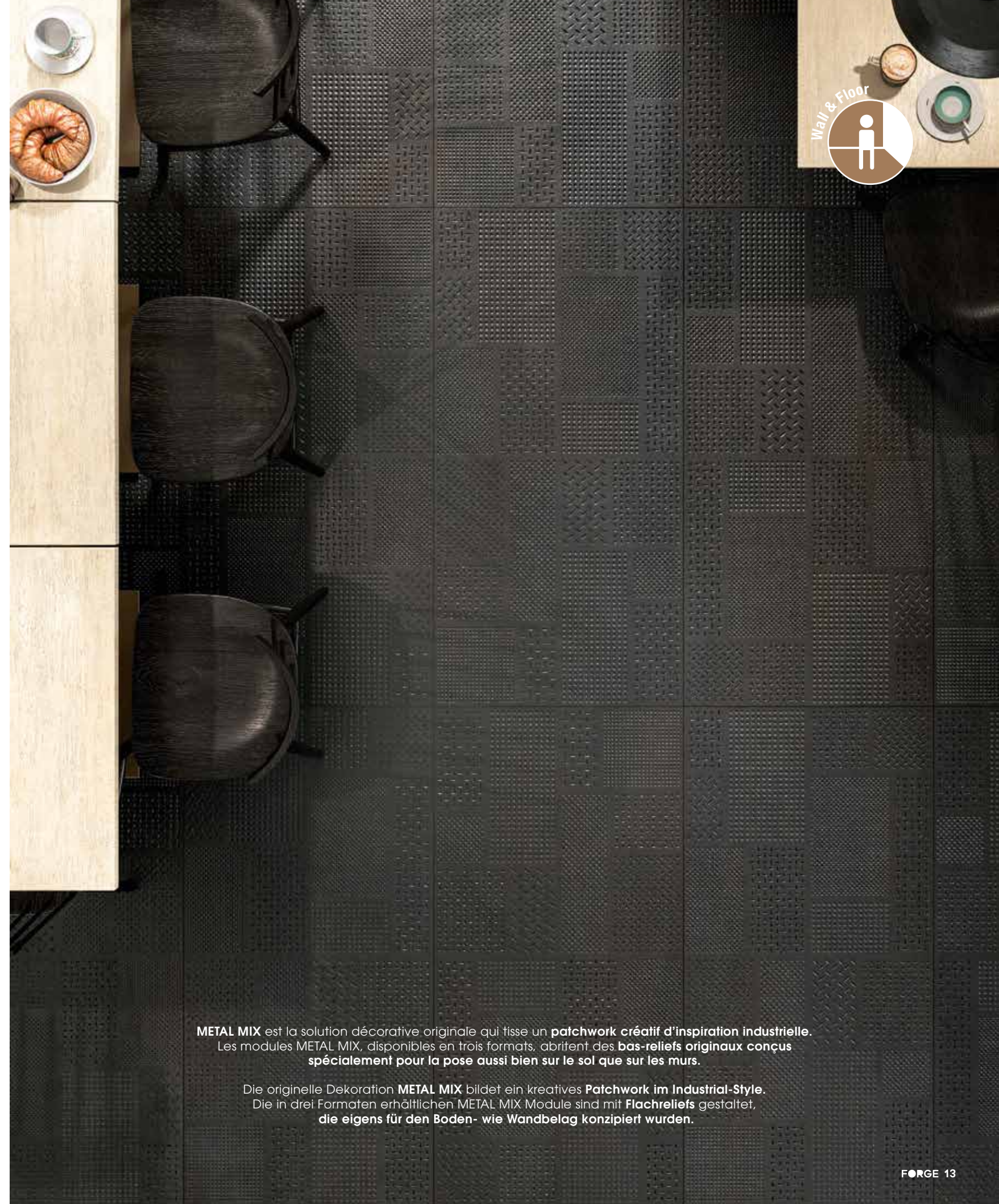
30x120
11^{13/16}x47^{1/4}

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"5/8x47"1/4



30x120
11"13/16x47"1/4

STREAM SI ISPIRA A **GEOMETRIE TRIDIMENSIONALI CHE TRACCIAANO 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^{5/8}x47^{1/4}

FLOOR: Forge Metal Alluminio Rettificato 80x80 - 31^{1/2}x31^{1/2} · Forge Metal Alluminio 20 mm Rettificato 80x80 - 31^{1/2}x31^{1/2}



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

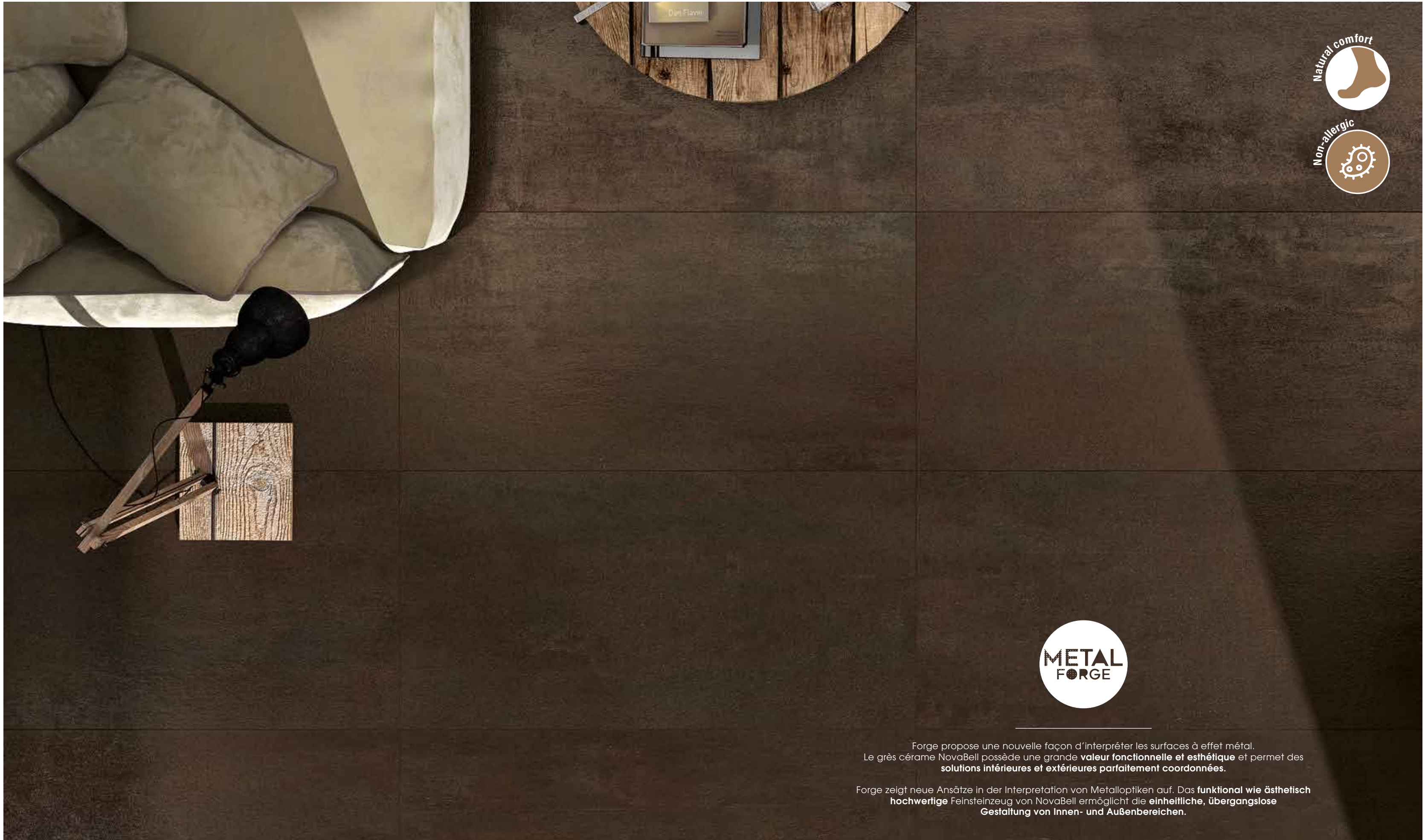
FORGE PROPONE UN NUOVO MODO DI INTERPRETARE LE SUPERFICI EFFETTO METALLO. IL GRES PORCELLANATO NOVABELL È DOTATO DI UN ALTO VALORE FUNZIONALE ED ESTETICO E CONSENTE SOLUZIONI IN&OUT IMPECCABILMENTE COORDINATE.

FORGE OFFERS A NEW WAY OF INTERPRETING METAL-LOOK SURFACES. NOVABELL PORCELLAIN STONEWARE HAS A HIGH FUNCTIONAL AND AESTHETIC VALUE, ENABLING IMPECCABLY COORDINATED IN&OUT SOLUTIONS.



WALL: Forge Metal Inox Struttura Stream Rettificato 60x120 - 23^{5/8}x47^{1/4}

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



Forge propose une nouvelle façon d'interpréter les surfaces à effet métal.
Le grès cérame NovaBell possède une grande **valeur fonctionnelle et esthétique** et permet des **solutions intérieures et extérieures parfaitement coordonnées**.

Forge zeigt neue Ansätze in der Interpretation von Metalloptiken auf. Das **funktional wie ästhetisch hochwertige** Feinsteinzeug von NovaBell ermöglicht die **einheitliche, übergangslose Gestaltung** von Innen- und Außenbereichen.



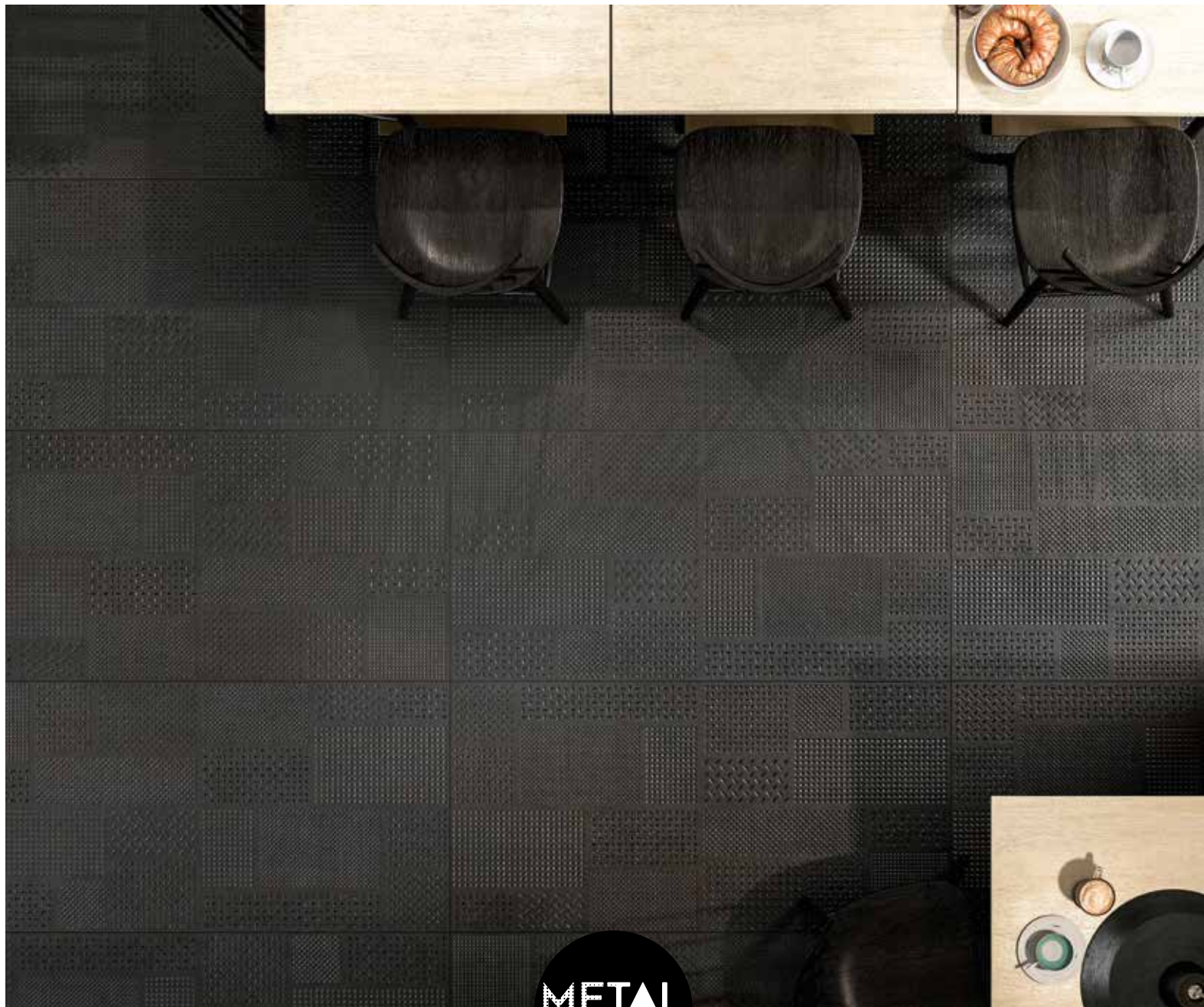
DARK + INOX

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.

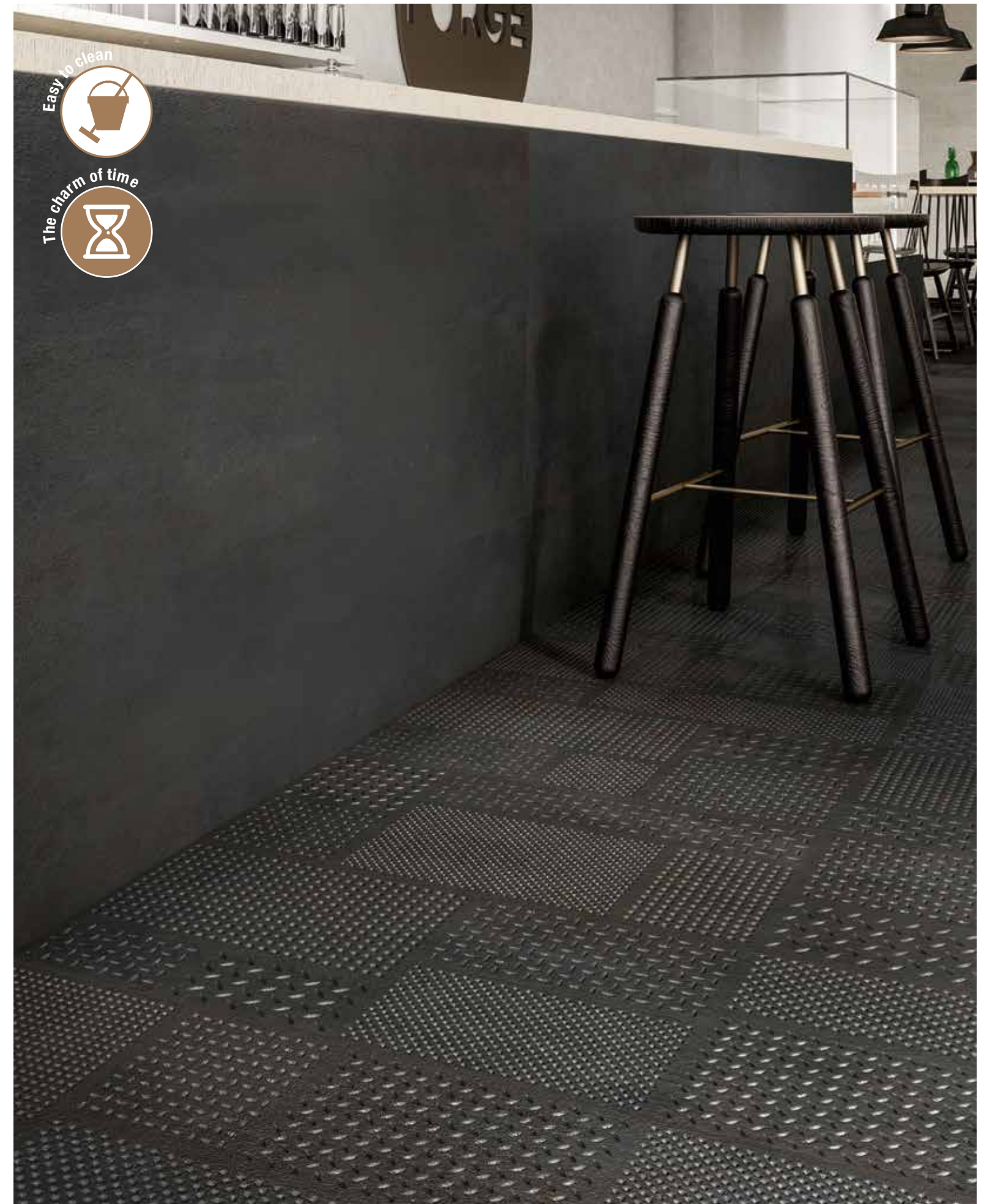
WALL: Forge Metal Inox Struttura Metal Mix Rettificato 30x120 - 11"13/16x47"1/4 - Forge Metal Dark Rettificato 60x120 - 23"5/8x47"1/4
FLOOR: Forge Metal Dark Struttura Metal Mix Rettificato 60x120 - 23"5/8x47"1/4



**METAL
FORGE**

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.**



Easy to clean

The charm of time





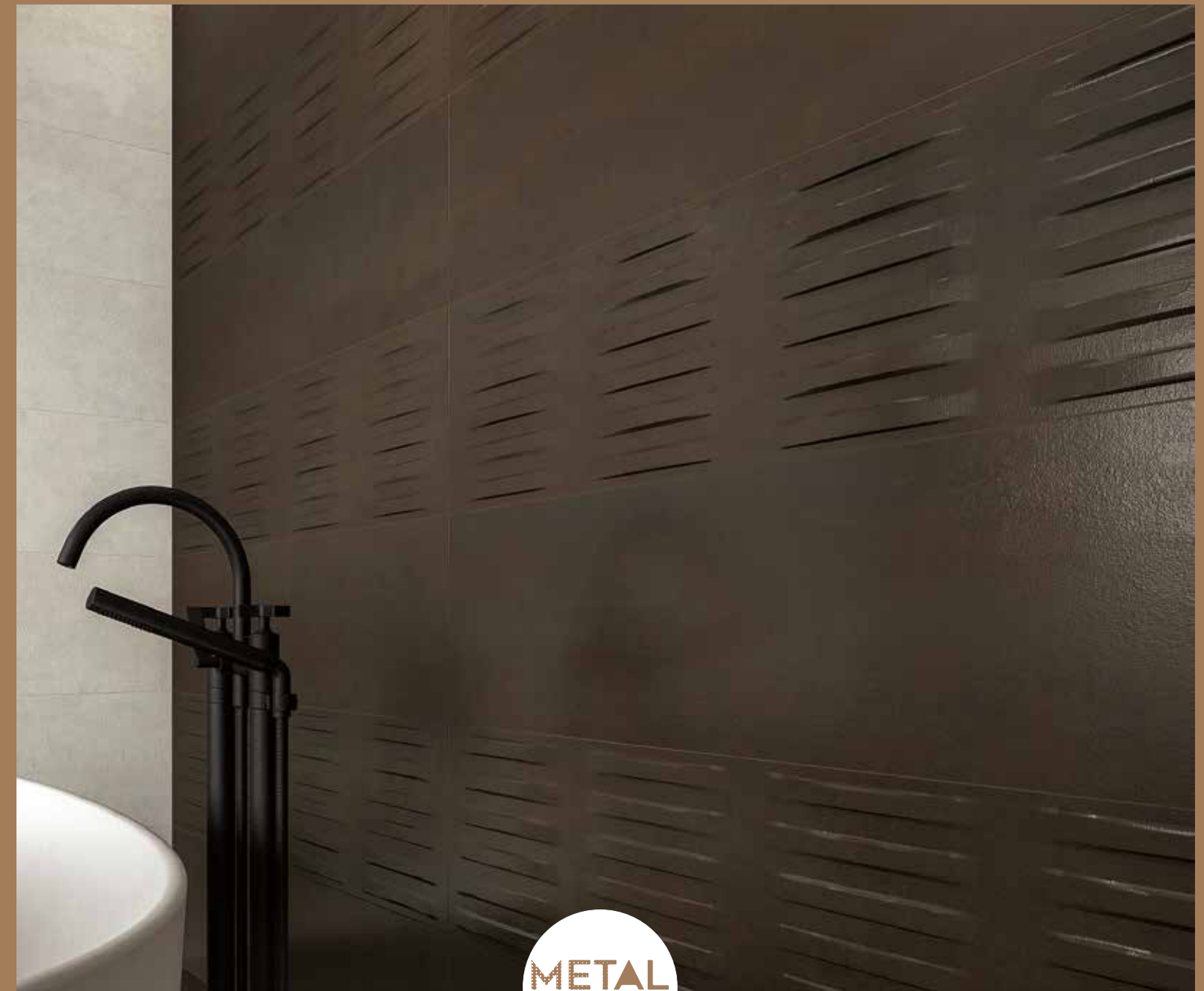
WALL: Forge Metal Bronzo Struttura Stream Rettificato 30x120 - 11^{13/16}x47^{1/4} - Forge Metal Bronzo Rettificato 30x120 - 11^{13/16}x47^{1/4}
Forge Metal Inox Rettificato 30x120 - 11^{13/16}x47^{1/4} - Cementine Metal Mix 20x20 - 7^{7/8}x7^{7/8}
FLOOR: Forge Metal Bronzo Rettificato 60x60 - 23^{5/8}x23^{5/8}

BRONZO + INOX

SAFE, FASHIONABLE MATERIAL

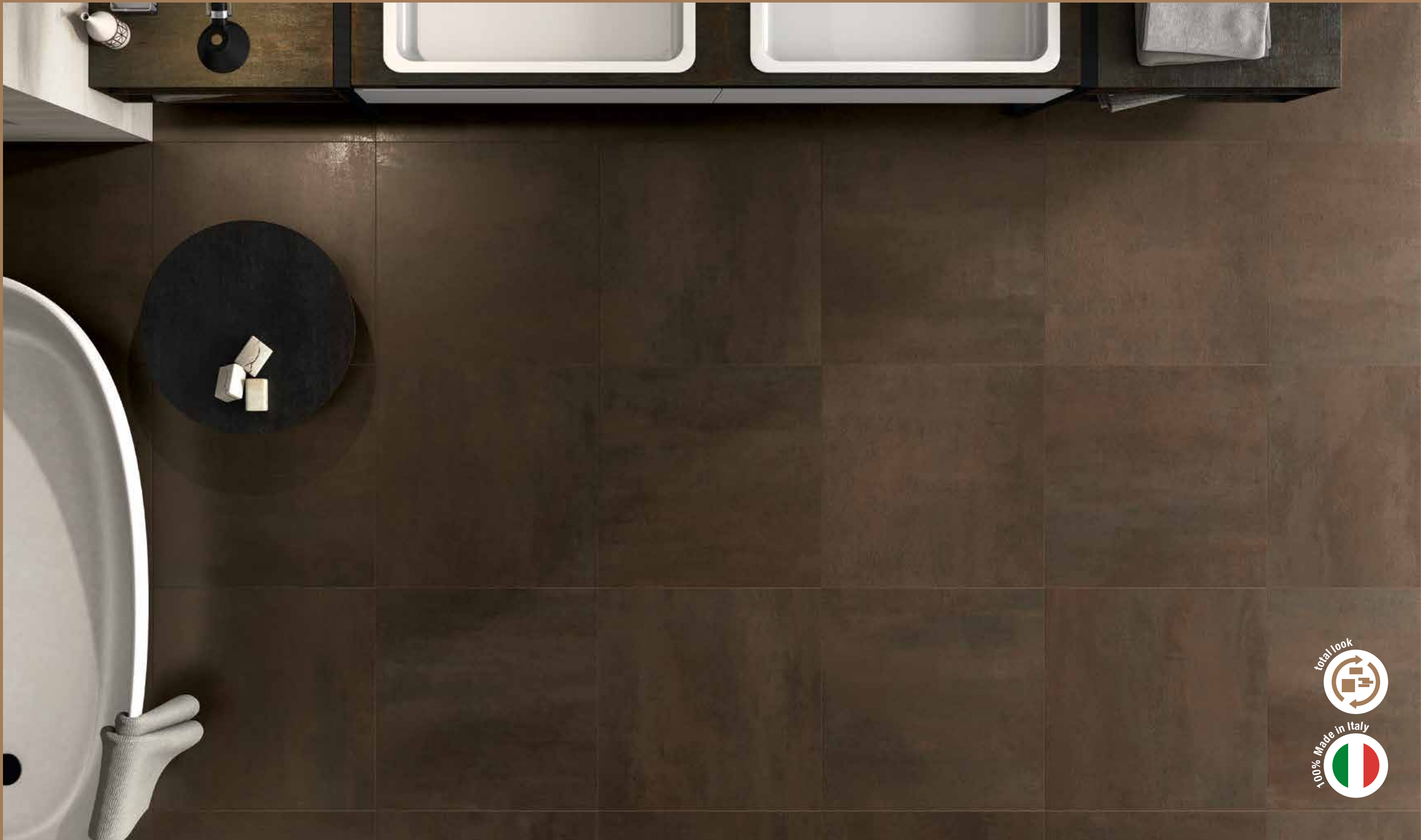
FORGE È UNA **SUPERFICIE SICURA**. NON VENGONO APPLICATE VERNICI E IL PRODOTTO NON SI ALTERA. IL GRES PORCELLANATO NOVABELL È **100% MADE IN ITALY** E, ATTRAVERSO FORGE, SEGUE COERENTEMENTE IL **PROGETTO INTEGRATO**: IL METODO PROGETTUALE RIVOLTO ALLA CONTAMINAZIONI TRA EFFETTI STILISTICI.

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.



cm. 80x80
inch. 31¹/₂x31¹/₂

cm. 60x120
inch. 23⁵/₈x47¹/₄

cm. 30x120
inch. 11¹³/₁₆x47¹/₄

cm. 60x60
inch. 23⁵/₈x23⁵/₈

cm. 30x60
inch. 11¹³/₁₆x23⁵/₈

20 mm

10,5 mm



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



60x120 - 23⁵/₈x47¹/₄
FRG 92RT Dark Rettificato

02

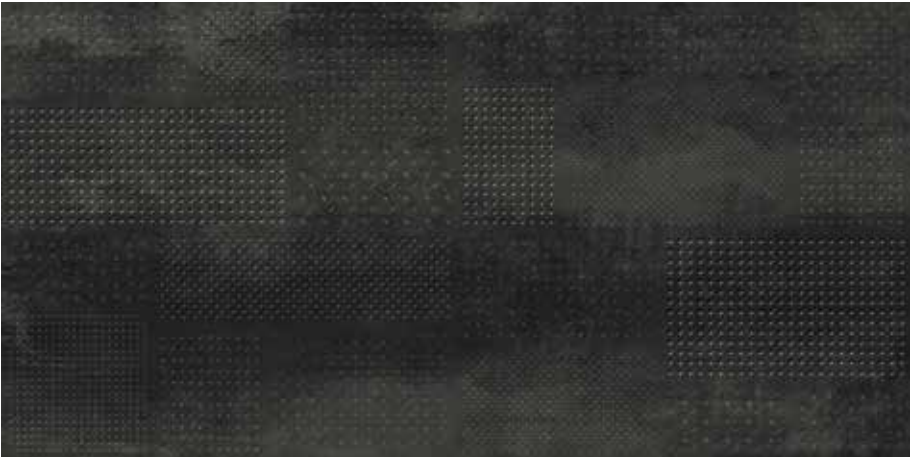
1085



60x60 - 23⁵/₈x23⁵/₈
FRG 90RT Dark Rettificato

03

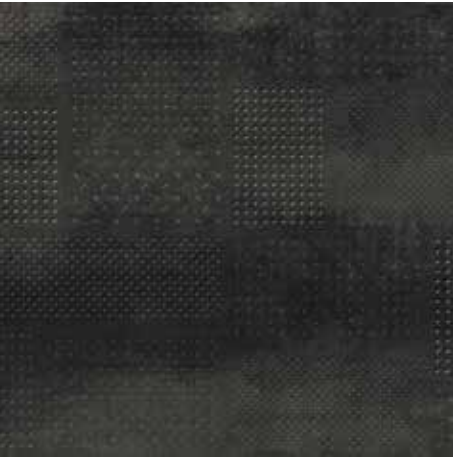
1065



60x120 - 23⁵/₈x47¹/₄
FRG 91RT Struttura Metal Mix Dark Rettificato

02

1095



60x60 - 23⁵/₈x23⁵/₈
FRG 910R Struttura Metal Mix Dark Rett.

03

1070



30x120 - 11¹³/₁₆x47¹/₄
FRG 93RT Dark Rettificato

03

1090



30x60 - 11¹³/₁₆x23⁵/₈
FRG 96RT Dark Rettificato

07

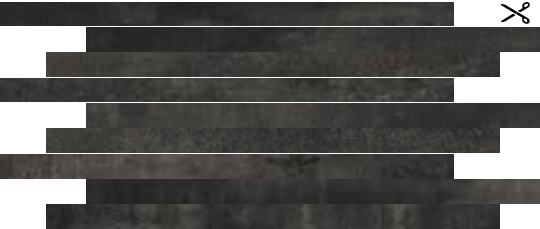
1035



30x120 - 11¹³/₁₆x47¹/₄
FRG 911R Struttura Metal Mix Dark Rettificato

03

1095



30x60 - 11¹³/₁₆x23⁵/₈
FRG 996N Muretto Dark

04

3130



80x80 - 31¹/₂x31¹/₂
FGR 98RT Dark Rettificato

02

1085



7x80 - 2³/₄x31¹/₂
FRG B98K Battiscopa Dark Rett.

08

260



7x60 - 2³/₄x23⁵/₈
FRG B90K Battiscopa Dark Rett.

15

230

OUT WALK

20
Porcelain
slabs

DIN 51030
R11

DIN 51097
A+B+C

BCR
DRY > 0.40
WET > 0.40

DCOF
WET ≥ 0.42

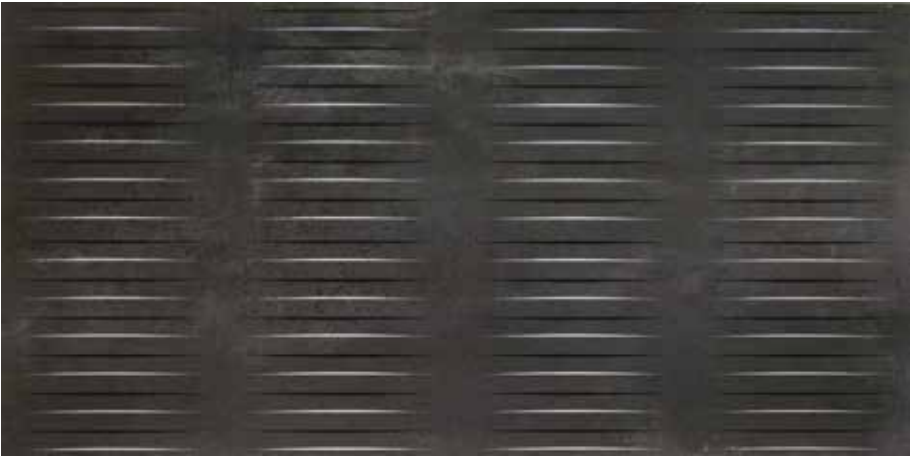
<130 mm³

MOHS
≥ 8

80x80 - 31¹/₂x31¹/₂
FGR 97RT Dark 20mm Rettificato

00
1120

± 20 mm



60x120 - 23⁵/₈x47¹/₄
FRG 95RT Struttura Stream Dark Rettificato

02

1095



30x120 - 11¹³/₁₆x47¹/₄
FRG 915R Struttura Stream Dark Rettificato

03

1095

COORDINATED **DÉCO**

20x20 - 7⁷/₈x7⁷/₈
DEC 272K Cementine Mix

27
1105

20x20 - 7⁷/₈x7⁷/₈
DEC 227K Cementine Color Mix

27
1105

cm. 80x80
inch. 31¹/₂x31¹/₂

cm. 60x120
inch. 23⁵/₈x47¹/₄

cm. 30x120
inch. 11¹/₃x16x47¹/₄

cm. 60x60
inch. 23⁵/₈x23⁵/₈

cm. 30x60
inch. 11¹/₃x16x23⁵/₈

20 mm

10,5 mm



TECHNICAL	DIN 51130	DIN 51097	BCR	ANSI DCOF	Deep Abrasion Resistance	MOHS	Recommended Use
N NATURAL	R10	A	DRY > 0.40 WET > 0.40	WET ≥ 0.42	<175 mm³	≥ 5	4
20 MM	R11	A+B+C	DRY > 0.40 WET > 0.40	WET ≥ 0.42	<130 mm³	≥ 8	5



60x120 - 23⁵/₈x47¹/₄
FRG 82RT Inox Rettificato

02

1085



30x120 - 11¹/₃x16x47¹/₄
FRG 83RT Inox Rettificato

03

1090



80x80 - 31¹/₂x31¹/₂
FRG 88RT Inox Rettificato

02

1085



7x80 - 2³/₄x31¹/₂
FRG B88K Battiscopa Inox Rett.

08

260



7x60 - 2³/₄x23⁵/₈
FRG B80K Battiscopa Inox Rett.

15

230



60x60 - 23⁵/₈x23⁵/₈
FRG 80RT Inox Rettificato

03

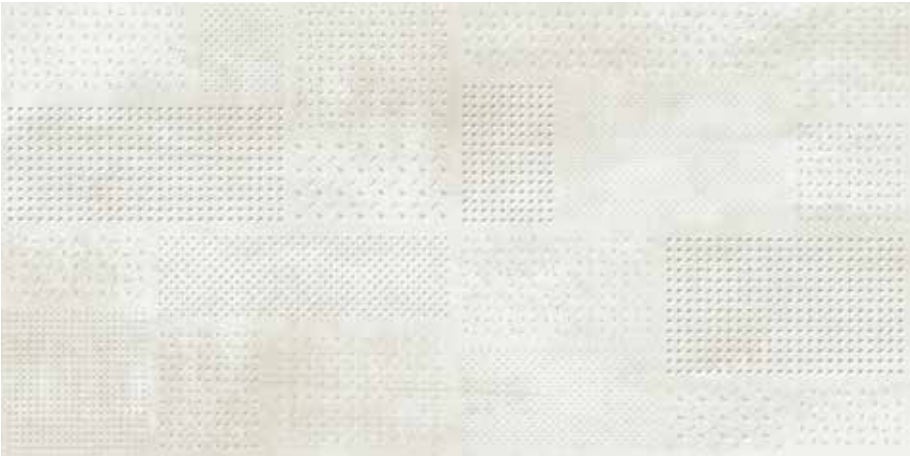
1095



30x60 - 11¹/₃x16x23⁵/₈
FRG 86RT Inox Rettificato

07

1035



60x120 - 23⁵/₈x47¹/₄
FRG 81RT Struttura Metal Mix Inox Rettificato

02

1095



30x120 - 11¹/₃x16x47¹/₄
FRG 811R Struttura Metal Mix Inox Rettificato

03

1095



60x120 - 23⁵/₈x47¹/₄
FRG 85RT Struttura Stream Inox Rettificato

02

1095



30x120 - 11¹/₃x16x47¹/₄
FRG 815R Struttura Stream Inox Rettificato

03

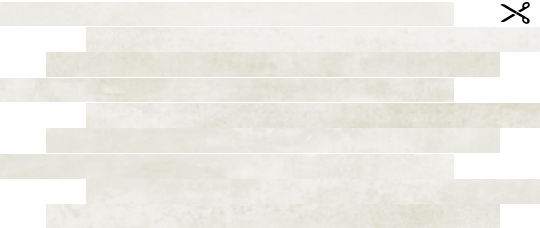
1095



60x60 - 23⁵/₈x23⁵/₈
FRG 810R Struttura Metal Mix Inox Rett.

03

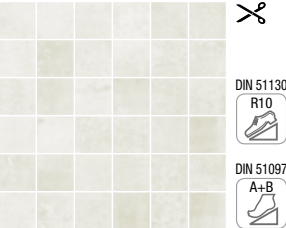
1070



30x60 - 11¹/₃x16x23⁵/₈
FRG 886N Muretto Inox

04

3130



30x30 - 11¹/₃x16x11¹/₃x16
FRG 885N Mosaico 5x5
Inox

DIN 51130
R10

DIN 51097
A+B

10

3115

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 mm³

MOHS
≥ 8

80x80 - 31¹/₂x31¹/₂
FGR 87RT Inox 20mm Rettificato

01

1120

COORDINATED

DECO

20x20 - 7⁷/₈x7⁷/₈
DEC 272K Cementine Mix

27

1105

20x20 - 7⁷/₈x7⁷/₈
DEC 227K Cementine
Color Mix

27

1105



ALLUMINIO

cm. 80x80 cm. 60x120 cm. 30x120 cm. 60x60 cm. 30x60
inch. 31”1/2x31”1/2 inch. 23”5/8x47”1/4 inch. 11”13/16x47”1/4 inch. 23”5/8x23”5/8 inch. 11”13/16x23”5/8

cm. 80x80
inch. 31”1/2x31”1/2

cm. 60x60
inch. 23”5/8x23”5/8



TECHNICAL		DIN 51130	DIN 51097	BCR	ANSI DCOF	Deep Abrasion Resistance	MOHS	Recommended Use
	NATURAL	R10	A	DRY > 0.40 WET > 0.40	WET ≥ 0.42	<175 mm³	≥ 5	4
	20 MM	R11	A+B+C	DRY > 0.40 WET > 0.40	WET ≥ 0.42	<130 mm³	≥ 8	5



60x120 - 23”5/8x47”1/4
FRG 12RT Alluminio Rettificato

02

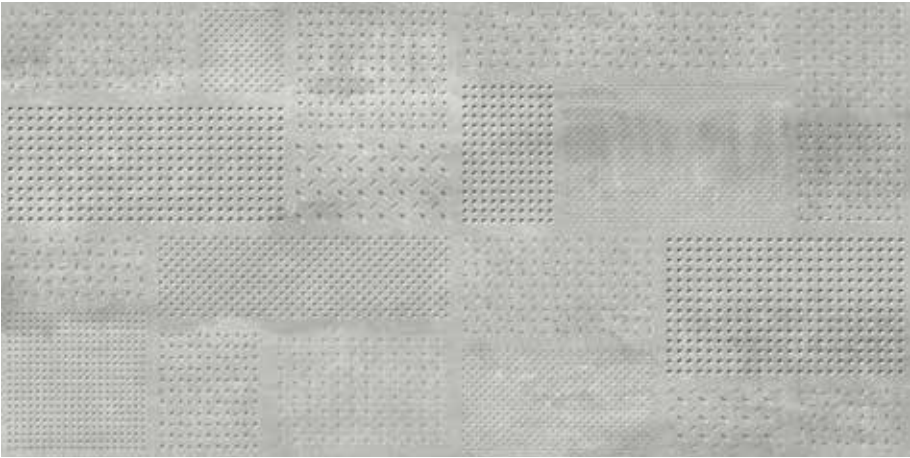
1085



60x60 - 23”5/8x23”5/8
FRG 10RT Alluminio Rettificato

03

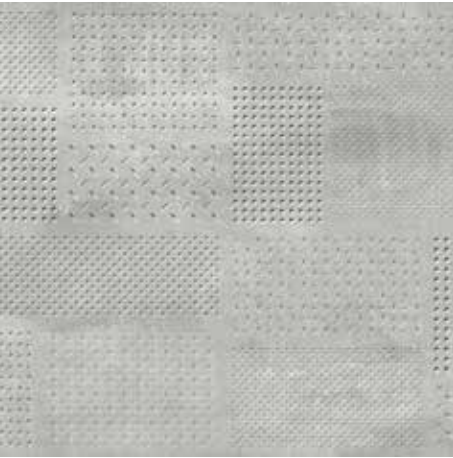
1065



60x120 - 23”5/8x47”1/4
FRG 11RT Struttura Metal Mix Alluminio Rettificato

02

1095



60x60 - 23”5/8x23”5/8
FRG 110R Struttura Metal Mix Alluminio Rett.

03

1070



30x120 - 11”13/16x47”1/4
FRG 13RT Alluminio Rettificato

03

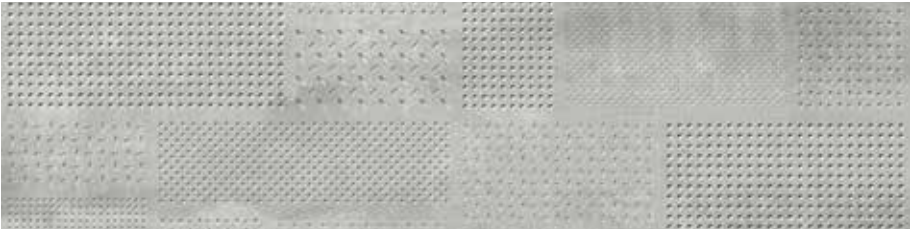
1090



30x60 - 11”13/16x23”5/8
FRG 16RT Alluminio Rettificato

07

1035



30x120 - 11”13/16x47”1/4
FRG 111R Struttura Metal Mix Alluminio Rettificato

03

1095



30x60 - 11”13/16x23”5/8
FRG 116N Muretto Alluminio

04

3130



80x80 - 31”1/2x31”1/2
FRG 18RT Alluminio Rettificato

02

1085



7x80 - 2”3/4x31”1/2
FRG B18K Battiscopa Alluminio Rett.

08

260



7x60 - 2”3/4x23”5/8
FRG B10K Battiscopa Alluminio Rett.

15

230

OUT WALK

20 Porcelain slabs

DIN 51030 R11

DIN 51097 A+B+C

BCR DRY > 0.40 WET > 0.40

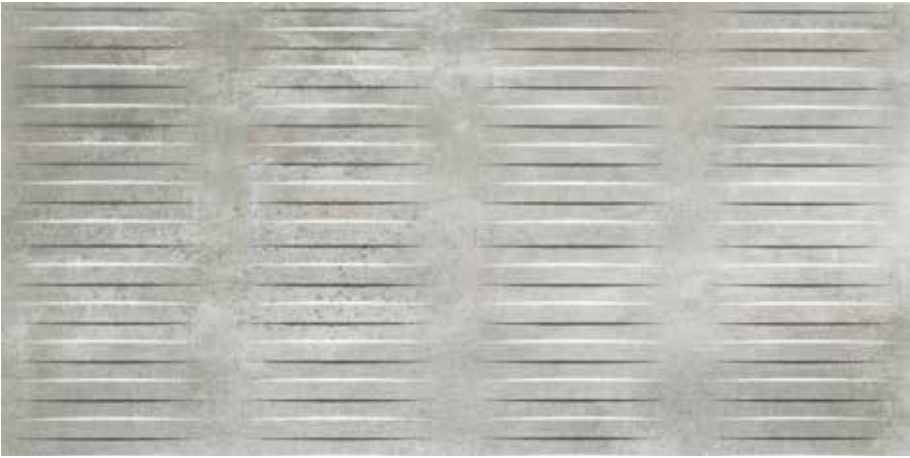
DCOF WET ≥ 0.42

<130 mm³

MOHS ≥ 8

80x80 - 31”1/2x31”1/2
FGR 17RT Alluminio 20mm Rettificato

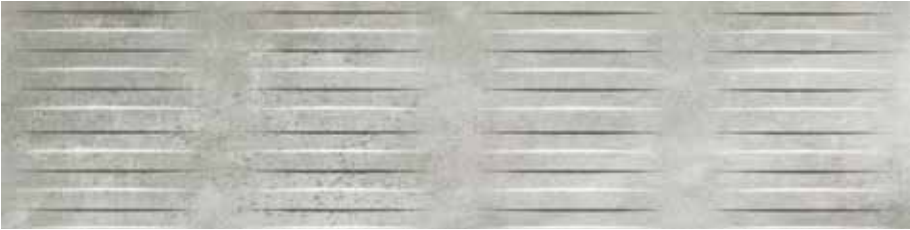
001120



60x120 - 23”5/8x47”1/4
FRG 15RT Struttura Stream Alluminio Rettificato

02

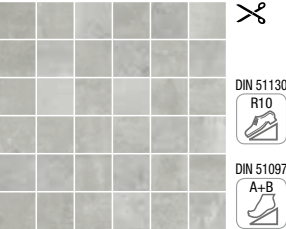
1095



30x120 - 11”13/16x47”1/4
FRG 115R Struttura Stream Alluminio Rettificato

03

1095



30x30 - 11”13/16x11”13/16
FRG 115N Mosaico 5x5 Alluminio

10

3115

cm. 80x80
inch. 31¹/₂x31¹/₂

cm. 60x120
inch. 23⁵/₈x47¹/₄

cm. 30x120
inch. 11¹³/₁₆x47¹/₄

cm. 60x60
inch. 23⁵/₈x23⁵/₈

cm. 30x60
inch. 11¹³/₁₆x23⁵/₈

20 mm

10,5 mm



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



60x120 - 23⁵/₈x47¹/₄

FRG 62RT Bronzo Rettificato

02

1085



30x120 - 11¹³/₁₆x47¹/₄

FRG 63RT Bronzo Rettificato

03

1090



80x80 - 31¹/₂x31¹/₂

FRG 68RT Bronzo Rettificato

02

1085



7x80 - 2³/₄x31¹/₂

FRG B68K Battiscopa Bronzo Rett.

08

260



7x60 - 2³/₄x23⁵/₈

FRG B60K Battiscopa Bronzo Rett.

15

230



60x60 - 23⁵/₈x23⁵/₈

FRG 60RT Bronzo Rettificato

03

1065



30x60 - 11¹³/₁₆x23⁵/₈

FRG 66RT Bronzo Rettificato

07

1035



60x120 - 23⁵/₈x47¹/₄

FRG 61RT Struttura Metal Mix Bronzo Rettificato

02

1095



30x120 - 11¹³/₁₆x47¹/₄

FRG 611R Struttura Metal Mix Bronzo Rettificato

03

1095



60x120 - 23⁵/₈x47¹/₄

FRG 65RT Struttura Stream Bronzo Rettificato

02

1095



30x120 - 11¹³/₁₆x47¹/₄

FRG 615R Struttura Stream Bronzo Rettificato

03

1095

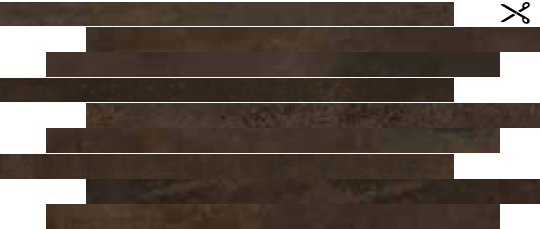


60x60 - 23⁵/₈x23⁵/₈

FRG 610R Struttura Metal Mix Bronzo Rett.

03

1070

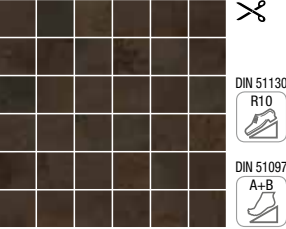


30x60 - 11¹³/₁₆x23⁵/₈

FRG 666N Muretto Bronzo

04

3130



30x30 - 11¹³/₁₆x11¹³/₁₆

FRG 665N Mosaico 5x5
Bronzo

10

3115

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 mm³

MOHS
≥ 8

80x80 - 31¹/₂x31¹/₂

FGR 67RT Bronzo 20mm Rettificato

00

1120

COORDINATED DÉCO

20x20 - 7⁷/₈x7⁷/₈

DEC 227K Cementine Color Mix

27

1105

44

FORGE 45

METAL
FORGE

20 MM



cm. 80x80
inch. 31”1/2x31”1/2



TECHNICAL DATA
20MM

TECHNICAL	DIN 51130	DIN 51097	BCR	ANSI DCOF	Deep Abrasion Resistance	MOHS	Recommended Use
20 MM	R11	A+B+C	DRY > 0.40 WET > 0.40	WET ≥ 0.42	<130 mm³	≥ 8	5



80x80 - 31”1/2x31”1/2
FGR 67RT Bronzo 20mm Rettificato

011120



80x80 - 31”1/2x31”1/2
FGR 87RT Inox 20mm Rettificato

011120



80x80 - 31”1/2x31”1/2
FGR 17RT Alluminio 20mm Rettificato

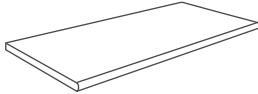
011120



80x80 - 31”1/2x31”1/2
FGR 97RT Dark 20mm Rettificato

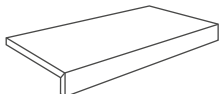
011120

PEZZI SPECIALI ON DEMAND* 2 0 M M
Special coordinated pieces / Zusammenstellbare Formteile / Pièces spéciales coordonnées



Toro Gradino Rettificato 40x80
FRG G63K Bronzo
FRG G83K Inox
FRG G13K Alluminio
FRG G93K Dark

02654



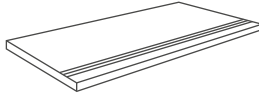
Gradino Elle Rettificato 33x80x6,5
FRG G68K Bronzo
FRG G88K Inox
FRG G18K Alluminio
FRG G98K Dark

02662

*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 Lieferfrist von 6 Wochen gefertigt. / Les pièces spéciales On Demand sont réalisées uniquement sur demande. Délai de livraison: 6 semaines.

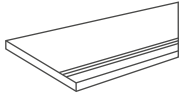


PEZZI SPECIALI WELLNESS ON DEMAND* 2 0 M M
Special coordinated pieces / Zusammenstellbare Formteile / Pièces spéciales coordonnées



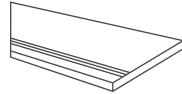
Bordo Antiderap Rett. 40x80
FRG W61K Bronzo
FRG W81K Inox
FRG W11K Alluminio
FRG W91K Dark

02610



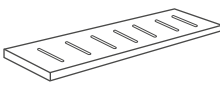
Bordo Angolo SX Rett. 40x80
FRG W62K Bronzo
FRG W82K Inox
FRG W12K Alluminio
FRG W92K Dark

02620



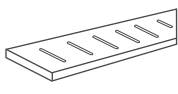
Bordo Angolo DX Rett. 40x80
FRG W64K Bronzo
FRG W84K Inox
FRG W14K Alluminio
FRG W94K Dark

02620



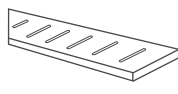
Griglia Rettificata 20x80
FRG W65K Bronzo
FRG W85K Inox
FRG W15K Alluminio
FRG W95K Dark

02607



Griglia Angolo SX Rett. 20x80
FRG W66K Bronzo
FRG W86K Inox
FRG W16K Alluminio
FRG W96K Dark

02607



Griglia Angolo DX Rett. 20x80
FRG W67K Bronzo
FRG W87K Inox
FRG W17K Alluminio
FRG W97K Dark

02607

cm. 80x80
inch. 31¹/₂x31¹/₂

cm. 60x120
inch. 23⁵/₈x47¹/₄

cm. 60x60
inch. 23⁵/₈x23⁵/₈

cm. 30x60
inch. 11¹³/₁₆x23⁵/₈

10,5 mm



TECHNICAL DATA
NATURAL

TECHNICAL		DIN 51130	DIN 51097	BCR	ANSI DCOF	Deep Abrasion Resistance	MOHS	Recommended Use
N	NATURAL	R10	A+B	DRY > 0.40 WET > 0.40	WET ≥ 0.42	< 175 mm³	≥ 5	4



80x80 - 31¹/₂x31¹/₂
FRY 88RT Bianco Rettificato

02

1075



60x120 - 23⁵/₈x47¹/₄
FRY 82RT Bianco Rettificato

02

1075



60x60 - 23⁵/₈x23⁵/₈
FRY 80RT Bianco Rettificato

03

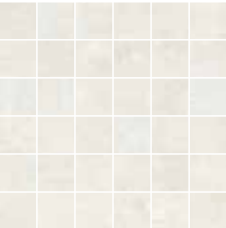
1065



80x80 - 31¹/₂x31¹/₂
FRY 18RT Grigio Chiaro Rettificato

02

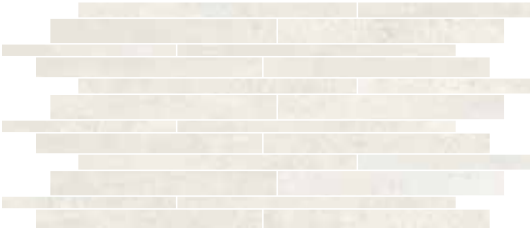
1075



30x30 - 11¹³/₁₆x11¹³/₁₆
FRY 885N Mosaico 5x5 Bianco

10

3115



30x60 - 11¹³/₁₆x23⁵/₈
FRY 886N Muretto Bianco

04

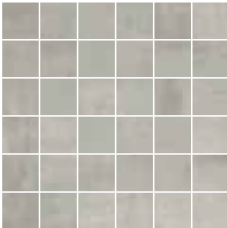
3130



30x60 - 11¹³/₁₆x23⁵/₈
FRY 86RT Bianco Rettificato

07

1035



30x30 - 11¹³/₁₆x11¹³/₁₆
FRY 115N Mosaico 5x5 Grigio Chiaro

10

3115



30x60 - 11¹³/₁₆x23⁵/₈
FRY 116N Muretto Grigio Chiaro

04

3130



30x60 - 11¹³/₁₆x23⁵/₈
FRY 16RT Grigio Chiaro Rettificato

07

1035



7x80 - 2³/₄x31¹/₂
FRY B88K Battiscopa Bianco Rettificato

08

260



7x60 - 2³/₄x23⁵/₈
FRY B80K Battiscopa Bianco Rettificato

15

230



7x80 - 2³/₄x31¹/₂
FRY B18K Battiscopa Grigio Chiaro Rettificato

08

260



7x60 - 2³/₄x23⁵/₈
FRY B10K Battiscopa Grigio Chiaro Rettificato

15

230



cm. 80x80 cm. 60x120 cm. 60x60 cm. 30x60
inch. 31”1/2x31”1/2 inch. 23”5/8x47”1/4 inch. 23”5/8x23”5/8 inch. 11”13/16x23”5/8



TECHNICAL DATA
NATURAL

TECHNICAL		DIN 51130	DIN 51097	BCR	ANSI DCOF	Deep Abrasion Resistance	MOHS	Recommended Use
N	NATURAL	R10	A+B	DRY > 0.40 WET > 0.40	WET ≥ 0.42	<175 mm³	≥ 5	4



80x80 - 31”1/2x31”1/2
FRY 28RT Antracite Rettificato

02
1075



60x120 - 23”5/8x47”1/4
FRY 22RT Antracite Rettificato

02
1075



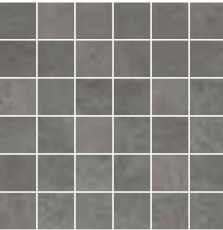
60x60 - 23”5/8x23”5/8
FRY 20RT Antracite Rettificato

03
1065



80x80 - 31”1/2x31”1/2
FRY 98RT Nero Rettificato

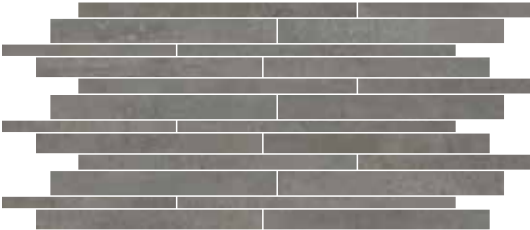
02
1075



30x30 - 11”13/16x11”13/16
FRY 225N Mosaico 5x5 Antracite



10
3115



30x60 - 11”13/16x23”5/8
FRY 226N Muretto Antracite



04
3130



7x80 - 2”3/4x31”1/2
FRY B28K Battiscopa Antracite Rettificato

08
260



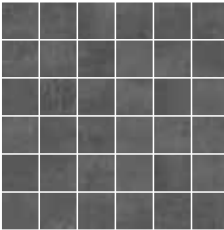
30x60 - 11”13/16x23”5/8
FRY 26RT Antracite Rettificato

07
1035



7x60 - 2”3/4x23”5/8
FRY B20K Battiscopa Antracite Rettificato

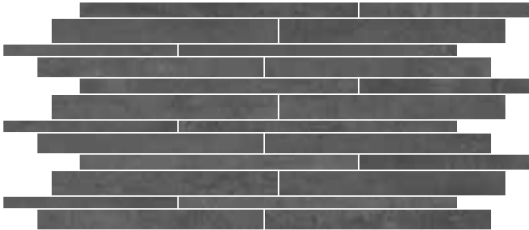
15
230



30x30 - 11”13/16x11”13/16
FRY 995N Mosaico 5x5 Nero



10
3115



30x60 - 11”13/16x23”5/8
FRY 996N Muretto Nero



04
3130



7x80 - 2”3/4x31”1/2
FRY B98K Battiscopa Nero Rettificato

08
260



60x60 - 23”5/8x23”5/8
FRY 90RT Nero Rettificato

03
1065



30x60 - 11”13/16x23”5/8
FRY 96RT Nero Rettificato

07
1035



7x60 - 2”3/4x23”5/8
FRY B90K Battiscopa Nero Rettificato

15
230



cm. 80x80 cm. 60x120 cm. 60x60 cm. 30x60
inch. 31¹/₂x31¹/₂ inch. 23⁵/₈x47¹/₄ inch. 23⁵/₈x23⁵/₈ inch. 11¹³/₁₆x23⁵/₈



80x80 - 31¹/₂x31¹/₂
FRY 48RT Beige Rettificato

02
1075



BEIGE



60x120 - 23⁵/₈x47¹/₄
FRY 42RT Beige Rettificato

02
1075



60x60 - 23⁵/₈x23⁵/₈
FRY 40RT Beige Rettificato

03
1065



30x30 - 11¹³/₁₆x11¹³/₁₆
FRY 445N Mosaico 5x5
Beige



10
3115



30x60 - 11¹³/₁₆x23⁵/₈
FRY 446N Muretto Beige



04
3130



30x60 - 11¹³/₁₆x23⁵/₈
FRY 46RT Beige Rettificato

07
1035



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

08
260



7x60 - 2³/₄x23⁵/₈
FRY B40K Battiscopa Beige Rettificato

15
230



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 ≤ 0,5 %	Average value ≤ 0,04%
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
Raccomanded 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)	≥ 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
Scrath hardenss of surface according to Mohs'	ex BS 6431-13 / ex EN 101	≥ 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



**FORGE OXY
NATURALE**

The international reference standards: ISO - EN **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 _b ≤ 0,5 % / Individual maximum 0,6%	< 0,04% Average value and individual maximum
Classification	Definition § 3.2 and § 3.7	BI _g – Porcelain tiles
		Physical properties
Modulus of rupture - (ISO 10545-4)	Average ≥ 35 N/mm ²	≥ 35 N/mm2
Breaking strength - (ISO 10545-4)	Average ≥ 1300 N for thickness ≥ 7,5 mm Average ≥ 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 / mm3	< 175 / mm3
Raccomanded use	Novabell criterion (see Annex N - ISO 13006 / EN 14411)	Class 4
Coefficient of linear thermal expansion (ISO 10545-8)	Declared value ⁽¹⁾ / Test method available ⁽²⁾	< 7,1 x 10 ⁻⁶ °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⁾	≤ 0,2 mm/m
Small colour differences (ISO 10545-16)	ΔE _{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
Dynamic Coefficient Friction wet and dry condition (BCR-ex BCRA) Italy	DM n. 236 / 1989 μ > 0,40	μ > 0,40
Scrath hardenss 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

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

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

MERCHANDISING



PG FRG FT



PG FRG 120



PG FRG 60



SCA-FRG



Struttura Metal Mix 60x120



Struttura Stream 60x120



PG FRG 60x120



PG FRY FT



PG FRY 120



PG FRY 60

IMBALLI e PESI / Packaging and weights / Verpackungen und Gewichte / Emballages et poids

	SCATOLA / BOX			PALLET			
	pz	m2	kg	box	m2	kg	≡
80x80	2	1,280	28,0	40	51,200	1120	10,5
60x120	2	1,440	31,1	32	46,080	994	10,5
30x120	3	1,080	25,0	24	25,920	600	10,5
60x60	3	1,080	24,1	40	43,200	964	10,5
30x60	7	1,260	25,5	40	50,400	1020	10,5
80x80	1	0,64	28,0	40	25,60	1120	20



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.

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