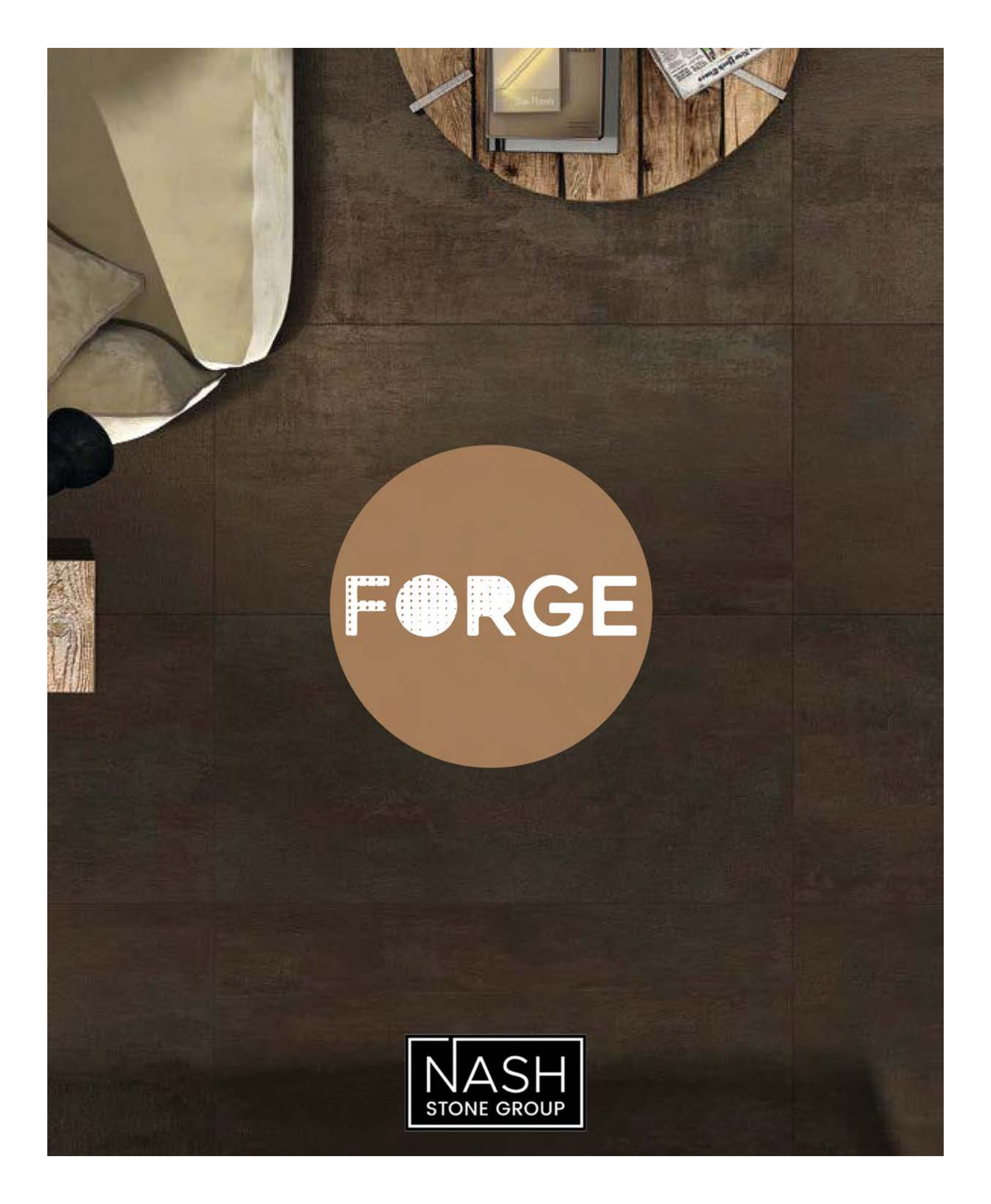




FORGE

NASH
STONE GROUP



RAW CONTEMPORARY PROJECT

FORGE 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 IS THE **METAL-LOOK SURFACE THAT EMBRACES INDUSTRIAL-CHIC AESTHETIC
SOLUTIONS.**

Forge 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.

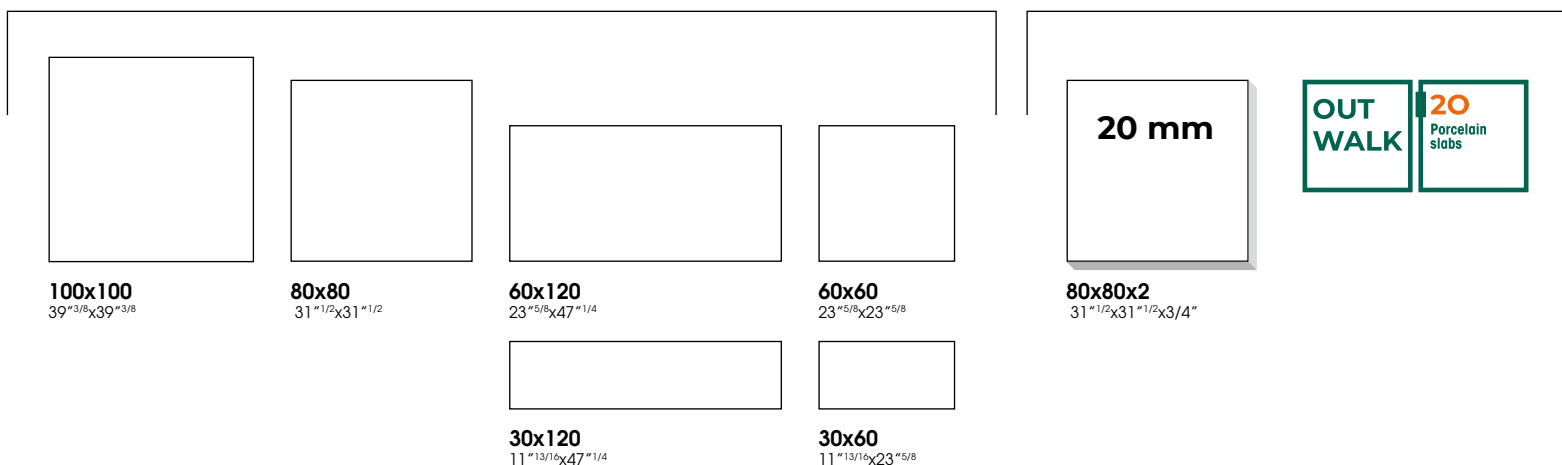
Forge ist die **Oberfläche in Metalloptik, die sich perfekt für Gestaltungslösungen im
Industrial-Chic eignet.** NovaBell verleiht so modernen Innen- und Außenbereichen
eine urbane Anmutung.



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**.



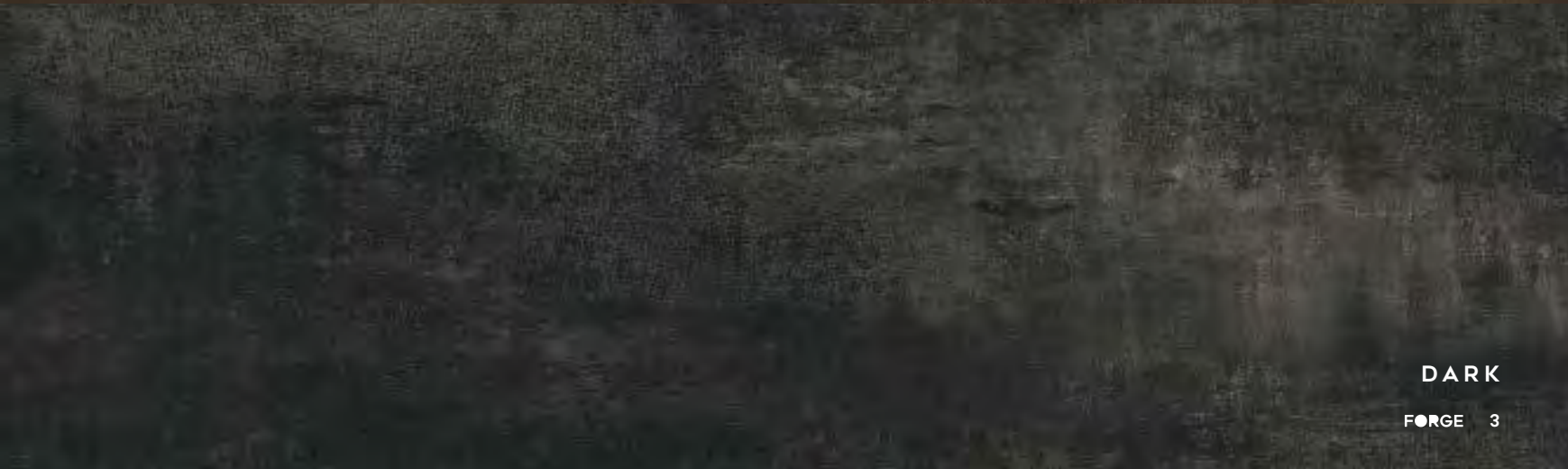
INOX



ALLUMINIO



BRONZO

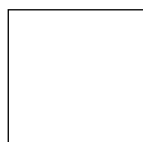


DARK

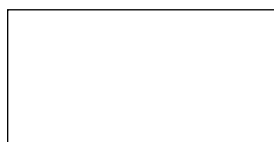


METAL MIX

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.



WALL



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



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

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.



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

FLOOR: Forge Alluminio Rettificato 80x80 - 31^{1/2}x31^{1/2} - Forge 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.



IN 9,5 OUT 20







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

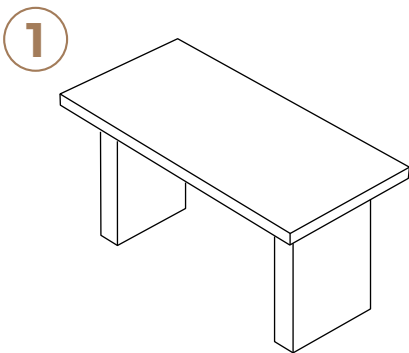
FLOOR: Forge Bronzo Rettificato 60x120 - 23^{5/8}x47^{1/4} · Forge Bronzo 20 mm Rettificato 80x80 - 31^{1/2}x31^{1/2}



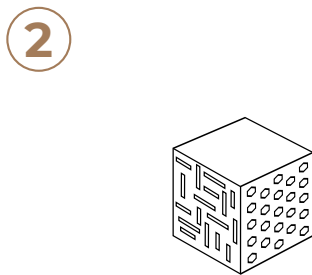
FURNISHING & ACCESSORIES.

OUT
WALK

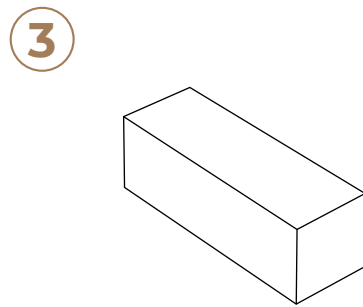
20
Porcelain
slabs



1
160x80x75h 63"x31"¹/₂x29"¹/₂
TAV2CM1



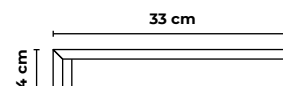
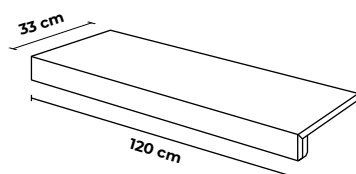
2
40x40x45h 15"³/₄x15"³/₄x17"¹¹/₁₆
CUB2CM15



3
120x40x40h 47"¹/₄x15"³/₄x15"³/₄
PANC2CM12



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.



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



Antislip



Immune to mould and veridigis



80 cm

40 cm

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.



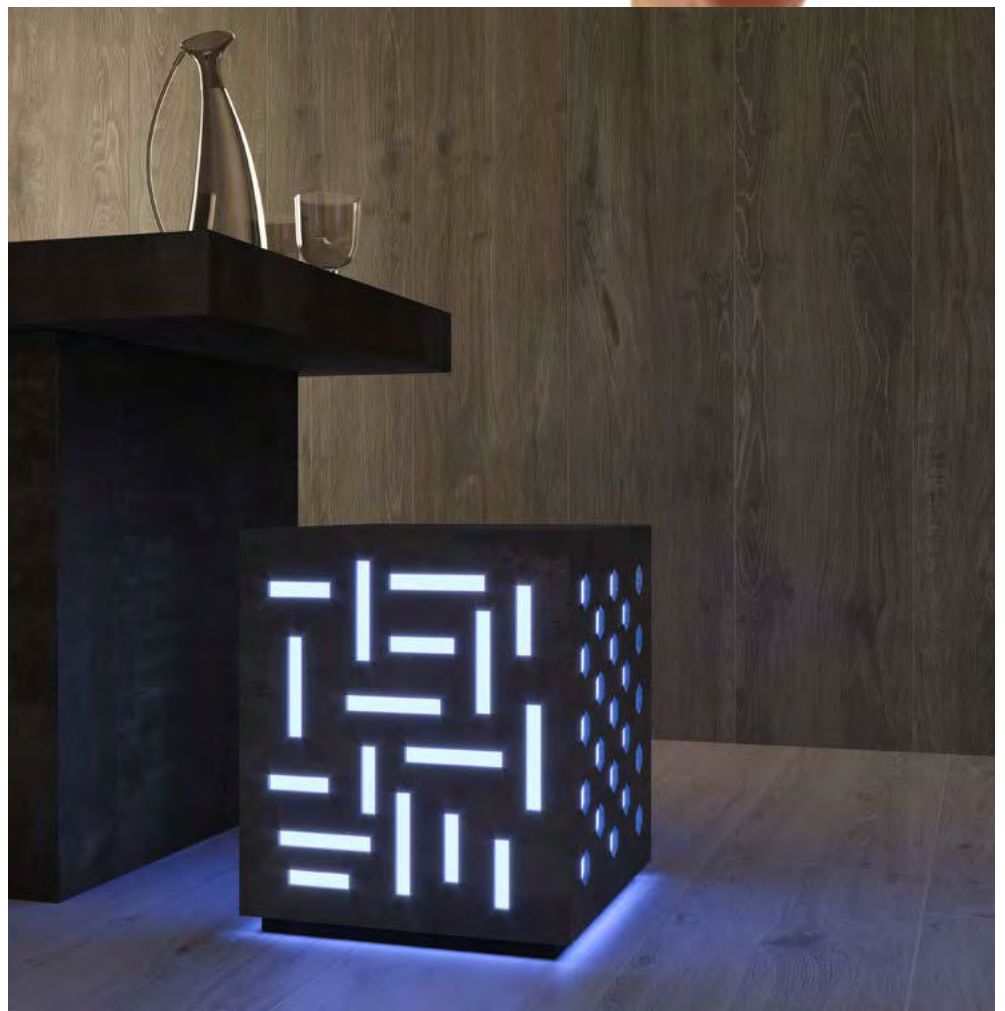
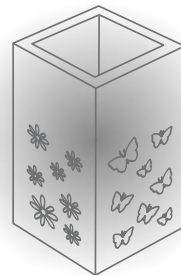
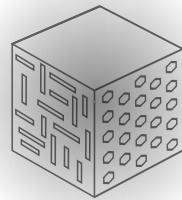
ILLUMINATE YOUR SPACE.

I complementi cubo/fioriera intarsi sono disponibili con illuminazione multicolore LED, controllabile da smartphone con App.

Les cubes/jardinières marquetés sont disponibles avec un éclairage LED multicolore, contrôlable par smartphone avec App.

The inlaid seat cube/flower tub accessories are available with multicoloured LED lighting which can be controlled via a smartphone app.

Die Einrichtungsgegenstände Würfel/Blumenkasten Intarsien sind mit mehrfarbiger LED-Beleuchtung erhältlich, die per App über Smartphone bedient wird.



CUBO INTARSI LED 40x40x45h
Codice: CUB2CM154



WALL: Forge Inox Struttura Metal Mix Rettificato 30x120 - 11" ¹³/₁₆" x 47" ¹/₄" - Forge Dark Rettificato 60x120 - 23" ⁵/₈" x 47" ¹/₄"
FLOOR: Forge Dark Struttura Metal Mix Rettificato 60x120 - 23" ⁵/₈" x 47" 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 Bronzo Struttura Stream Rettificato 30x120 - 11" ¹³/₁₆"x47" ¹/₄" - Forge Bronzo Rettificato 30x120 - 11" ¹³/₁₆"x47" ¹/₄"
Forge Inox Rettificato 30x120 - 11" ¹³/₁₆"x47" ¹/₄" - Cementine Metal Mix 20x20 - 7" ⁷/₈"x7" ⁷/₈"
FLOOR: Forge Bronzo Rettificato 60x60 - 23" ⁵/₈"x23" ⁵/₈"







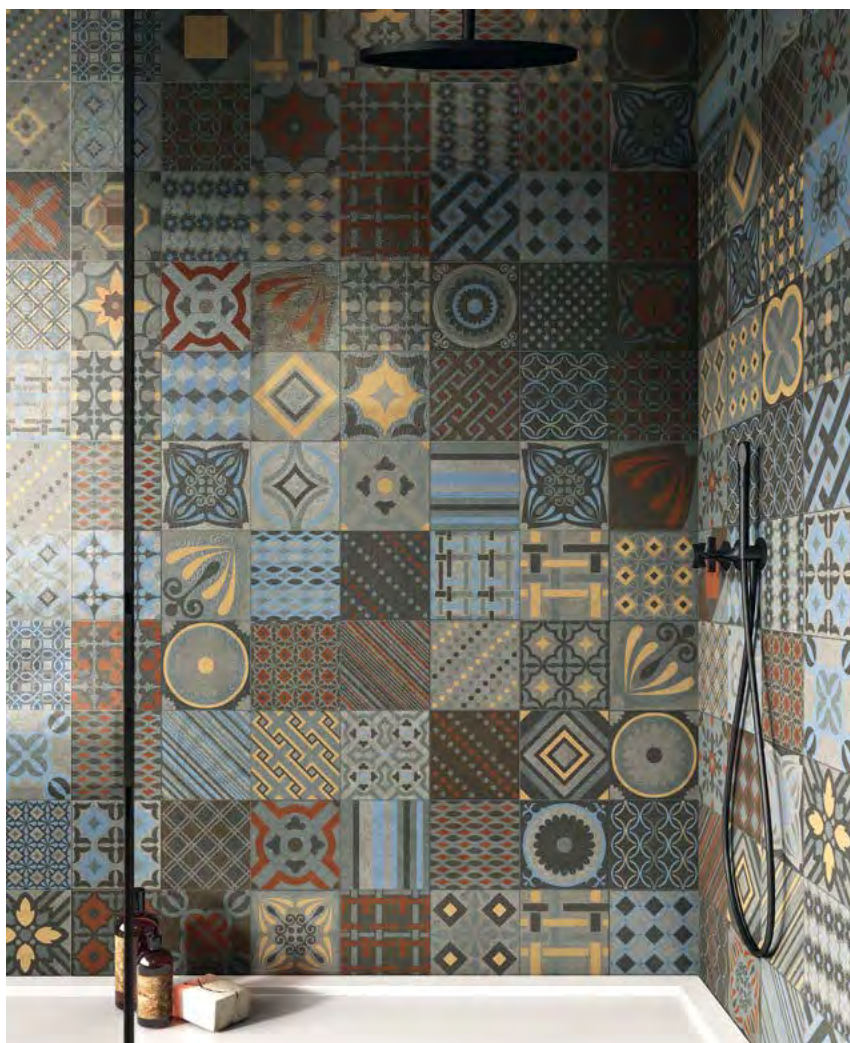
Forge est une **surface sûre**, aucune peinture n'est appliquée et le produit ne s'altère pas. Le grès cérame NovaBell est **100 % Made in Italy** et, à travers Forge, suit de façon cohérente le **Projet intégré** : la méthode de conception visant à la **contamination entre les effets stylistiques**.

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 Cimentine, recouvrent des angles précieux en enrichissant, chaque jour, la valeur esthétique de l'espace domestique.

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



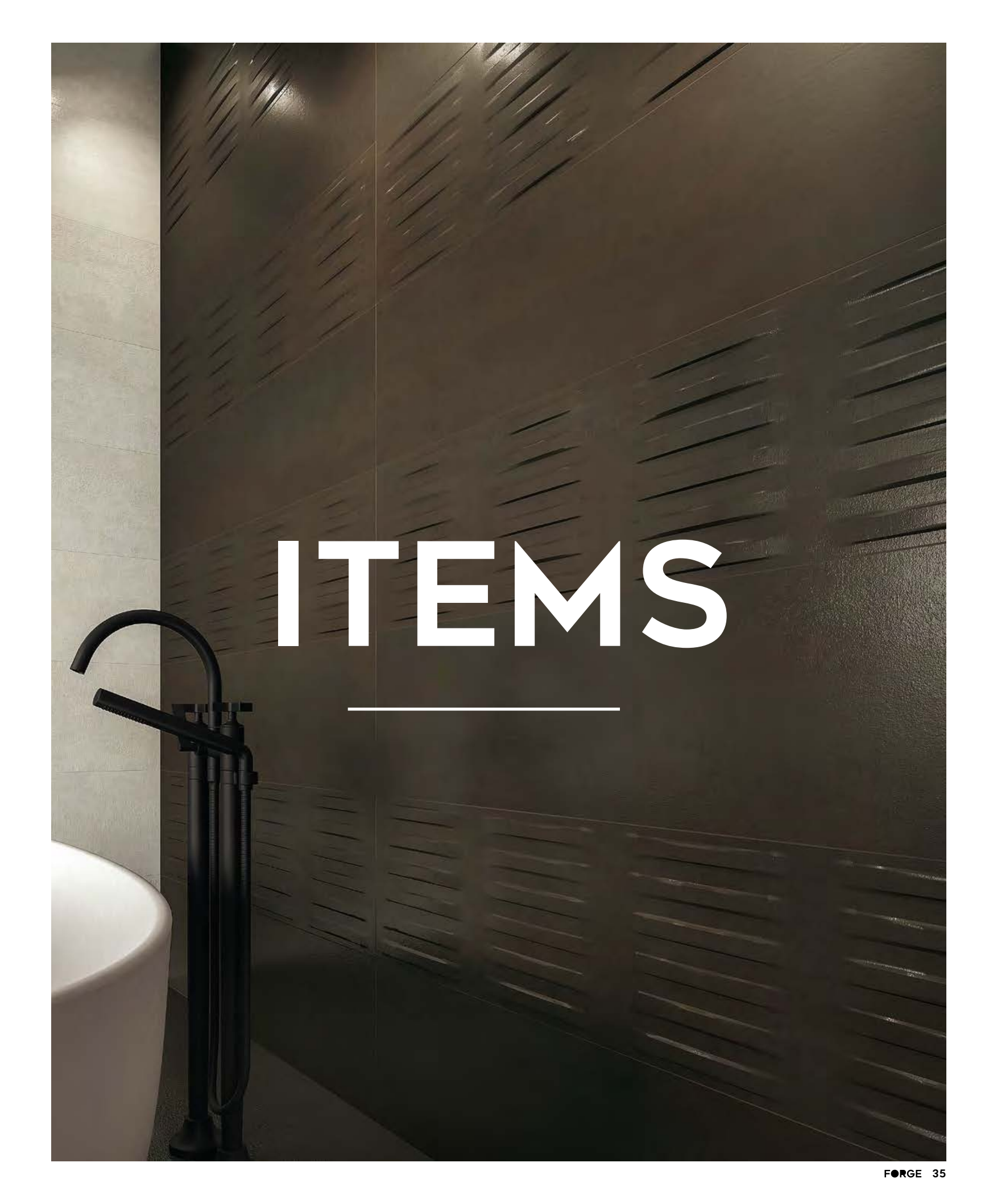
WALL: Forge Bronzo Struttura Stream Rettificato 30x120 - 11 "13/16x47"1/4 · Forge Bronzo Rettificato 30x120 - 11 "13/16x47"1/4
Forge Muretto Bronzo Rettificato 30x60 - 11 "13/16x23"5/8 · Forge Inox Rettificato 30x120 - 11 "13/16x47"1/4
FLOOR: Forge Bronzo Rettificato 60x60 - 23 "5/8x23"5/8



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







ITEMS



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. 80x80
inch. 31¹/₂x31¹/₂



cm. 30x60
inch. 11¹³/₁₆x23⁵/₈



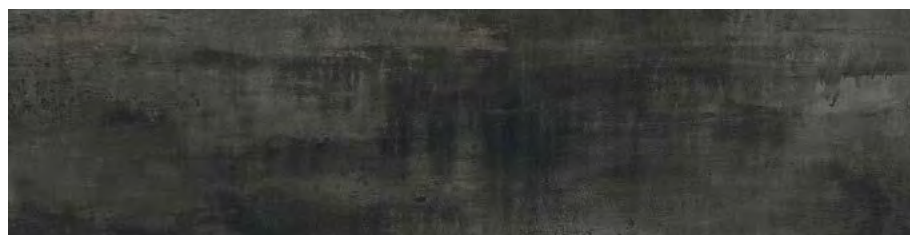
60x120 - 23⁵/₈x47¹/₄
FRG 92RT Dark Rettificato

02
1085



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

03
1065



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

03
1090



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

07
1035



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

02
1085

OUT
WALK

20
Porcelain
slabs



R11



A+B+C



DRY > 0.40
WET > 0.40



WET ≥ 0.42



<130 mm³



≥ 8

± 20 mm



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

01
1120

 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.



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 ³	≥ 5	4	5	
OUT WALK 20 MM	R11	A+B+C	DRY > 0.40 WET > 0.40	WET ≥ 0.42	< 130 mm ³	≥ 8	5	5	V3



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

02
1095



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

03
1095



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

02
1095



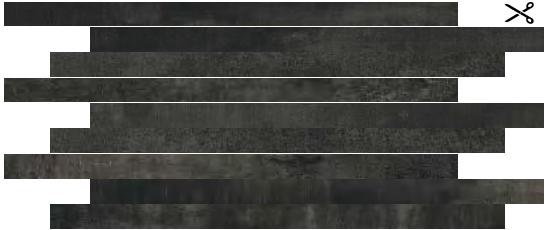
30x120 - 11¹³/₁₆x47¹/₄"
FRG 915R Struttura Stream Dark Rettificato

03
1095



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

03
1070



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

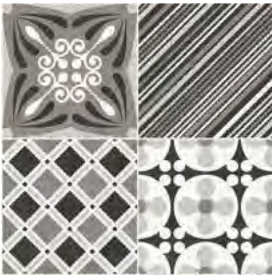
04
3130



30x30 - 11¹³/₁₆x11¹³/₁₆"
FRG 995N Mosaico 5x5 Dark

10
3115

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. 11¹³/₁₆x47¹/₄

cm. 60x60
inch. 23⁵/₈x23⁵/₈

cm. 30x60
inch. 11¹³/₁₆x23⁵/₈



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

02
1085



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

03
1095



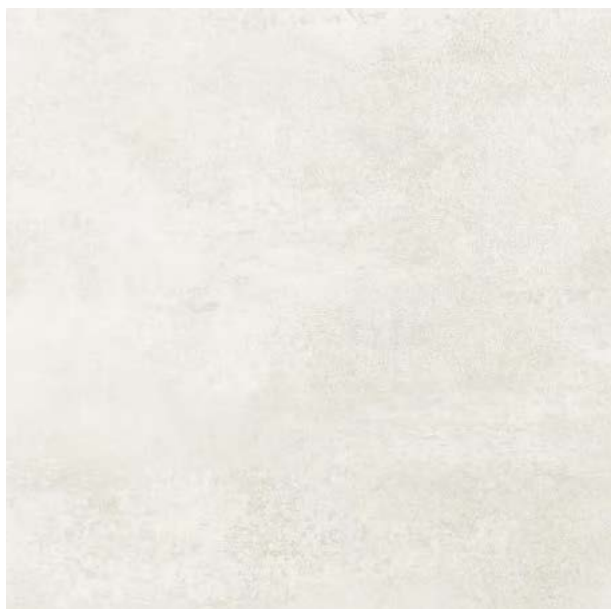
30x120 - 11¹³/₁₆x47¹/₄
FRG 83RT Inox Rettificato

03
1090



30x60 - 11¹³/₁₆x23⁵/₈
FRG 86RT Inox Rettificato

07
1035



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

02
1085



± 20 mm



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

01
1120

 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.



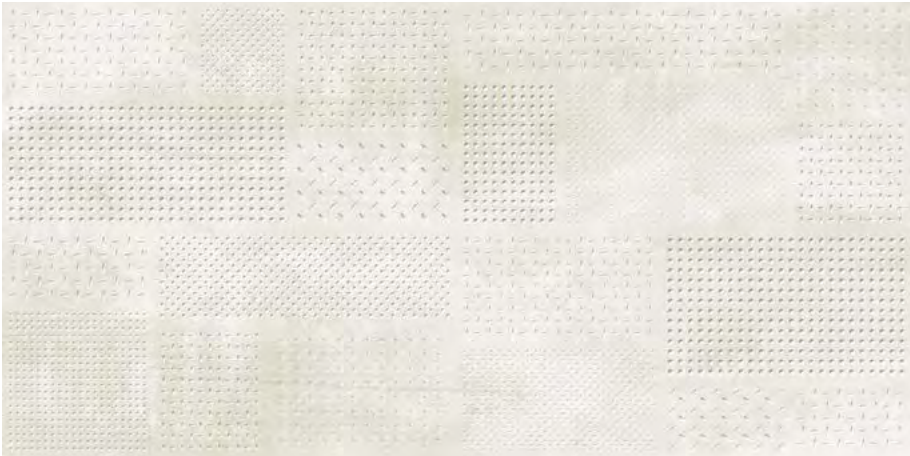
TECHNICAL DATA
NATURAL



TECHNICAL DATA
20MM

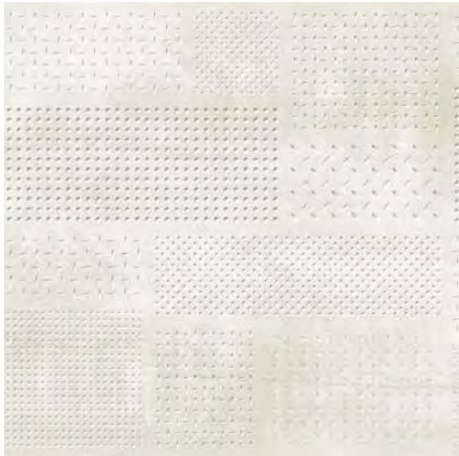


TECHNICAL	DIN 51130	DIN 51097	BCR	ANSI DCOF	Deep Abrasion Resistance	MOHS	Recommended Use	Resistance to Staining	ANSI A 137.1
N NATURAL	R10	A	DRY > 0.40 WET > 0.40	WET ≥ 0.42	< 175 mm ³	≥ 5	4	5	V3
OUT WALK 20 MM	R11	A+B+C	DRY > 0.40 WET > 0.40	WET ≥ 0.42	< 130 mm ³	≥ 8	5	5	



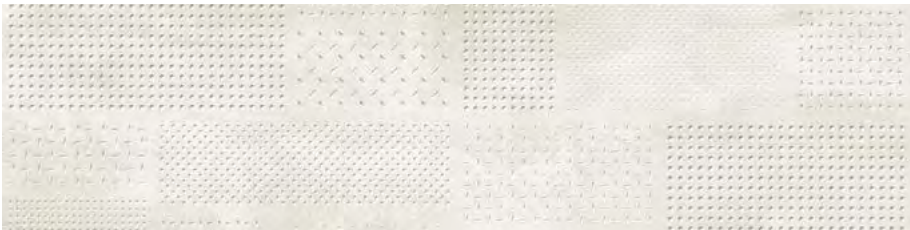
60x120 - 23⁵/₈x47¹/₄"
FRG 81RT Struttura Metal Mix Inox Rettificato

02
1095



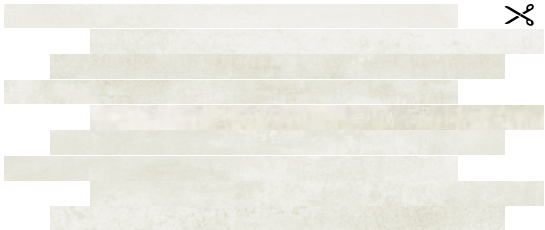
60x60 - 23⁵/₈x23⁵/₈"
FRG 810R Struttura Metal Mix Inox Rett.

03
1070



30x120 - 11¹³/₁₆x47¹/₄"
FRG 811R Struttura Metal Mix Inox Rettificato

03
1095



30x60 - 11¹³/₁₆x23⁵/₈"
FRG 886N Muretto Inox

04
3130



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

02
1095



30x120 - 11¹³/₁₆x47¹/₄"
FRG 815R Struttura Stream Inox Rettificato

03
1095



30x30 - 11¹³/₁₆x11¹³/₁₆"
FRG 885N Mosaico 5x5
Inox

DIN 51130
R10
DIN 51097
A+B
10
3115

COORDINATED DÉCO



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



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

27
1105



ALLUMINIO

cm. 80x80
inch. 31¹/₂x31¹/₂

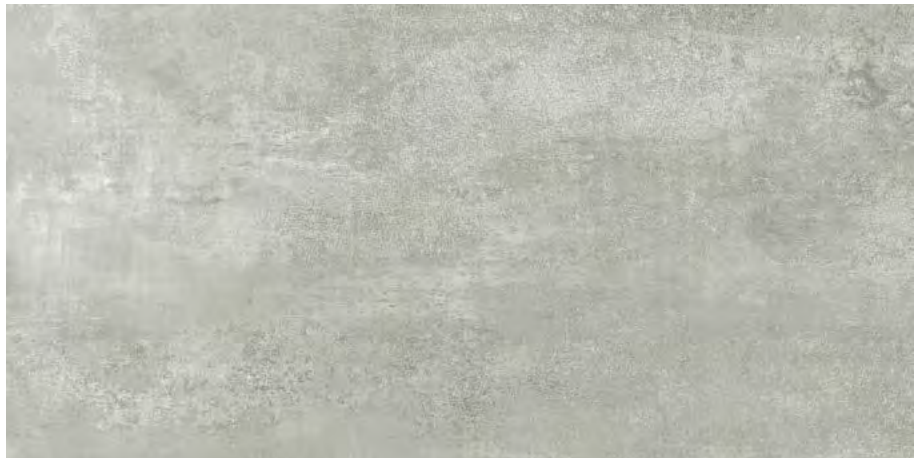


cm. 60x120
inch. 23⁵/₈x47¹/₄

cm. 30x120
inch. 11¹³/₁₆x47¹/₄

cm. 60x60
inch. 23⁵/₈x23⁵/₈

cm. 30x60
inch. 11¹³/₁₆x23⁵/₈



60x120 - 23⁵/₈x47¹/₄
FRG 12RT Alluminio Rettificato

02
1085



60x60 - 23⁵/₈x23⁵/₈
FRG 10RT Alluminio Rettificato

03
1065



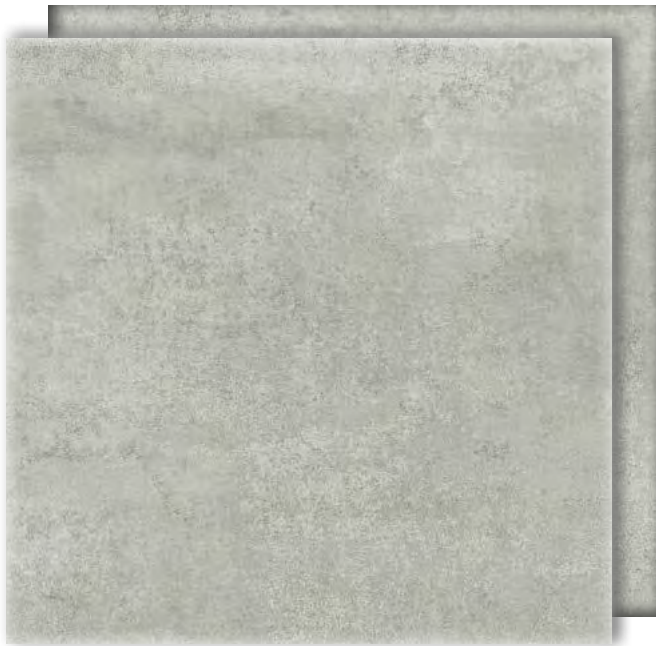
30x120 - 11¹³/₁₆x47¹/₄
FRG 13RT Alluminio Rettificato

03
1090



30x60 - 11¹³/₁₆x23⁵/₈
FRG 16RT Alluminio Rettificato

07
1035



80x80 - 31¹/₂x31¹/₂
FRG 18RT Alluminio Rettificato
100x100 - 39³/₈x39³/₈
FRG 101R Alluminio Rettificato

02
1085
02
1100

15 230 Battiscopa 7x60 FRG B10K	08 260 Battiscopa 7x80 FRG B18K	01 670 Gradino Elle Rett. 33x120x4 FRG G11K	01 676 Angolo DX Rett. 33x120x4 FRG G12K	01 676 Angolo SX Rett. 33x120x4 FRG G13K
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* ⑥ SETTIMANE DI CONSEGNA. / DELIVERY WEEKS. / SEMAINES DE LIVRAISON. / WOCHEN LIEFERZEIT.



± 20 mm



80x80 - 31¹/₂x31¹/₂
FRG 17RT Alluminio 20mm Rettificato

01
1120



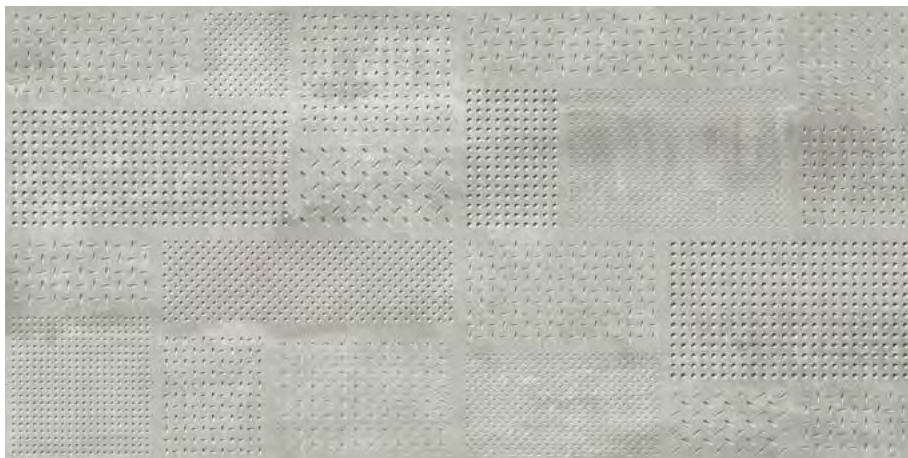
TECHNICAL DATA
NATURAL



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 ³	≥ 5	4	5	
	OUT WALK 20 MM	R11	A+B+C	DRY > 0.40 WET > 0.40	WET ≥ 0.42	< 130 mm ³	≥ 8	5	5	

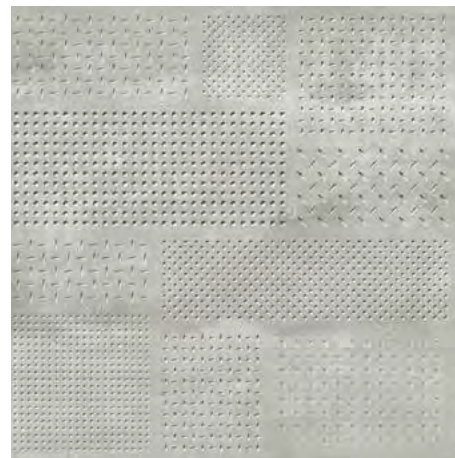


60x120 - 23⁵/₈x47¹/₄"

FRG 11RT Struttura Metal Mix Alluminio Rettificato

02

1095

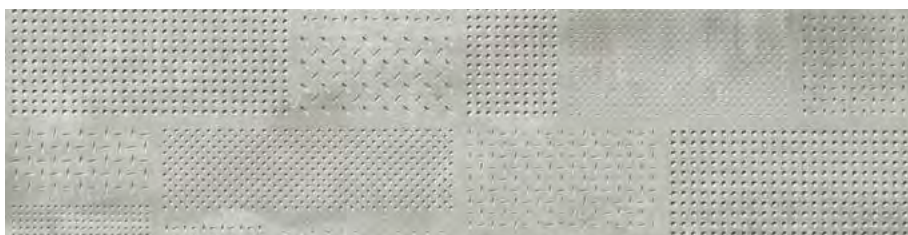


60x60 - 23⁵/₈x23⁵/₈"

FRG 110R Struttura Metal Mix Alluminio Rett.

03

1070

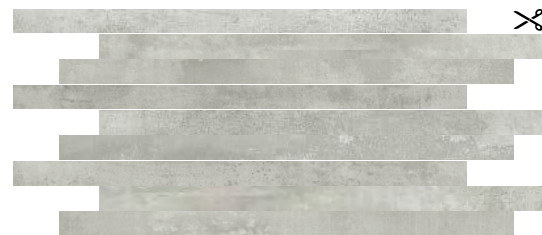


30x120 - 11¹³/₁₆x47¹/₄"

FRG 111R Struttura Metal Mix Alluminio Rettificato

03

1095



30x60 - 11¹³/₁₆x23⁵/₈"

FRG 116N Murello Alluminio

04

3130



60x120 - 23⁵/₈x47¹/₄"

FRG 15RT Struttura Stream Alluminio Rettificato

02

1095



30x30 - 11¹³/₁₆x11¹³/₁₆"

FRG 115N Mosaico 5x5
Alluminio

10

3115



30x120 - 11¹³/₁₆x47¹/₄"

FRG 115R Struttura Stream Alluminio Rettificato

03

1095



BRONZO

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. 80x80
inch. 31¹/₂x31¹/₂



cm. 30x60
inch. 11¹³/₁₆x23⁵/₈



60x120 - 23⁵/₈x47¹/₄
FRG 62RT Bronzo Rettificato

02
1085



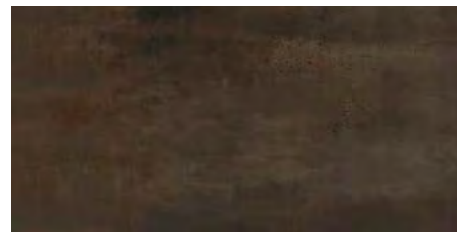
60x60 - 23⁵/₈x23⁵/₈
FRG 60RT Bronzo Rettificato

03
1065



30x120 - 11¹³/₁₆x47¹/₄
FRG 63RT Bronzo Rettificato

03
1090



30x60 - 11¹³/₁₆x23⁵/₈
FRG 66RT Bronzo Rettificato

07
1035



80x80 - 31¹/₂x31¹/₂
FRG 68RT Bronzo Rettificato
100x100 - 39³/₈x39³/₈
FRG 106R Bronzo Rettificato

02
1085
02
1100

Battiscopa 7x60	Battiscopa 7x80	Gradino Elle Rett. 33x120x4	Angolo DX Rett. 33x120x4	Angolo SX Rett. 33x120x4
FRG B60K	FRG B68K	FRG G61K	FRG G62K	FRG G63K



R11	A+B+C	DRY > 0.40 WET > 0.40	WET ≥ 0.42	<130 mm ³	≥ 8



80x80 - 31¹/₂x31¹/₂
FRG 67RT Bronzo 20mm Rettificato

01
1120

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



TECHNICAL DATA
NATURAL



TECHNICAL DATA
20MM

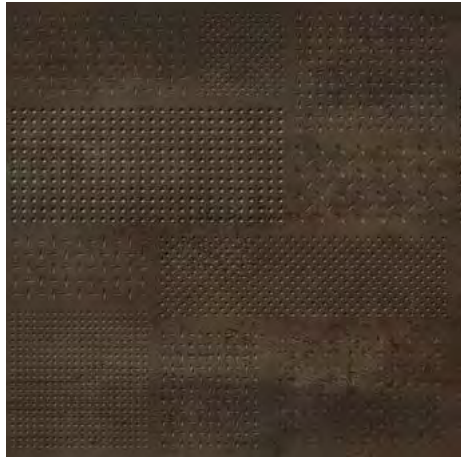


TECHNICAL	DIN 51130	DIN 51097	BCR	ANSI DCOF	Deep Abrasion Resistance	MOHS	Recommended Use	Resistance to Staining	ANSI A 137.1
N NATURAL	R10	A	DRY > 0.40 WET > 0.40	WET ≥ 0.42	< 175 mm³	≥ 5	4	5	
OUT WALK 20 MM	R11	A+B+C	DRY > 0.40 WET > 0.40	WET ≥ 0.42	< 130 mm³	≥ 8	5	5	



60x120 - 23⁵/₈x47¹/₄"
FRG 61RT Struttura Metal Mix Bronzo Rettificato

02
1095



60x60 - 23⁵/₈x23⁵/₈"
FRG 610R Struttura Metal Mix Bronzo Rett.

03
1070



30x120 - 11¹³/₁₆x47¹/₄"
FRG 611R Struttura Metal Mix Bronzo Rettificato

03
1095



30x60 - 11¹³/₁₆x23⁵/₈"
FRG 666N Muretto Bronzo

04
3130



60x120 - 23⁵/₈x47¹/₄"
FRG 65RT Struttura Stream Bronzo Rettificato

02
1095



30x120 - 11¹³/₁₆x47¹/₄"
FRG 615R Struttura Stream Bronzo Rettificato

03
1095



30x30 - 11¹³/₁₆x11¹³/₁₆"
FRG 665N Mosaico 5x5
Bronzo

10
3115

COORDINATED DÉCO



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

27
1105

FORGE 20 MM

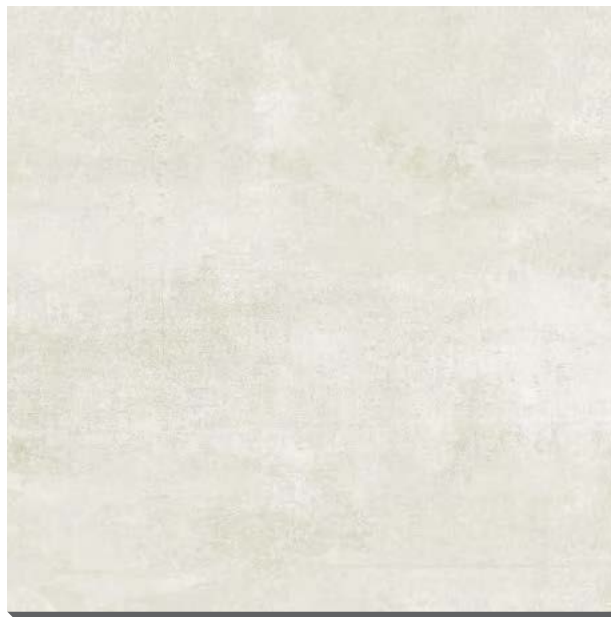


cm. 80x80
inch. 31¹/₂x31¹/₂



80x80 - 31¹/₂x31¹/₂
FRG 67RT Bronzo 20mm Rettificato

01
1120



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

01
1120



80x80 - 31¹/₂x31¹/₂
FRG 17RT Alluminio 20mm Rettificato

01
1120

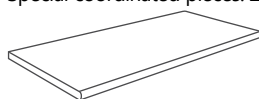


80x80 - 31¹/₂x31¹/₂
FRG 97RT Dark 20mm Rettificato

01
1120

PEZZI SPECIALI ON DEMAND 20MM*

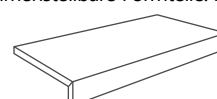
Special coordinated pieces. Zusammenstellbare Formteile. Pièces spéciales coordonnées.



Toro Gradino Rettificato
40x80

02
640

FRG G63K Bronzo
FRG G83K Inox
FRG G13K Alluminio
FRG G93K Dark



Gradino Elle Rettificato
33x80x6,5

02
664

FRG G68K Bronzo
FRG G88K Inox
FRG G18K Alluminio
FRG G98K Dark

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



TECHNICAL DATA
20MM



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 ³	≥ 8	5	5	 V3



PEZZI SPECIALI ON DEMAND 20MM*

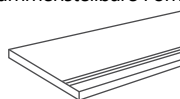
Special coordinated pieces. Zusammenstellbare Formteile. Pièces spéciales coordonnées.



Bordo Antiderap Rett.
40x80

FRG W61K Bronzo
FRG W81K Inox
FRG W11K Alluminio
FRG W91K Dark

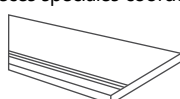
02
645



Bordo Angolo SX Rett.
40x80

FRG W62K Bronzo
FRG W82K Inox
FRG W12K Alluminio
FRG W92K Dark

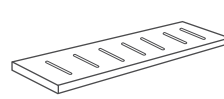
02
654



Bordo Angolo DX Rett.
40x80

FRG W64K Bronzo
FRG W84K Inox
FRG W14K Alluminio
FRG W94K Dark

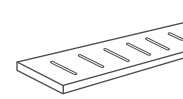
02
654



Griglia Rettificata
20x80

FRG W65K Bronzo
FRG W85K Inox
FRG W15K Alluminio
FRG W95K Dark

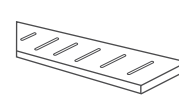
02
664



Griglia Angolo SX Rett.
20x80

FRG W66K Bronzo
FRG W86K Inox
FRG W16K Alluminio
FRG W96K Dark

02
665



Griglia Angolo DX Rett.
20x80

FRG W67K Bronzo
FRG W87K Inox
FRG W17K Alluminio
FRG W97K Dark

02
665

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 $\leq 0,06 \%$
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)	$\geq 0.42^{(1)}$	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
NATURALE**

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

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



**FORGE
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 ≥ 50 dry ≥ 55	MOHS ≥ 8	Modulus of Rupture ≥ 50 N/mm ²	Breaking Strength (for square slabs) ≥ 12.000 N	Compressive Strength ≥ 200 N/mm ²
Resistance to Staining	Resistance to household chemicals and swimming pool salts	Frost Resistance	Thermal Shock	Color Resistance UV Light		Reaction to Fire	≥ 500 kg/cm ²	≥ 1.200 kg	≥ 2.000 kg/cm ²
5	A	Complies	Resistant	Resistant		A1FL	$\geq 7,500$ psi	$\geq 2,700$ lbs	$\geq 29,000$ psi

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 $E_b \leq 0,5\%$ / Individual maximum 0,6%	$\leq 0,06\%$ Average value and individual maximum
Classification	Definition § 3.2 and § 3.7	BI_a – Porcelain tiles
		Physical properties
Modulus of rupture - (ISO 10545-4)	Average ≥ 35 N/mm ²	≥ 35 N/mm ²
Breaking strength - (ISO 10545-4)	Average ≥ 1300 N for thickness $\geq 7,5$ 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 / mm ³	< 175 / mm ³
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⁾	$< 7,1 \times 10^{-6} \text{ }^{\circ}\text{C}^{-1}$
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⁾	$\leq 0,2$ 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
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	≥ 5

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

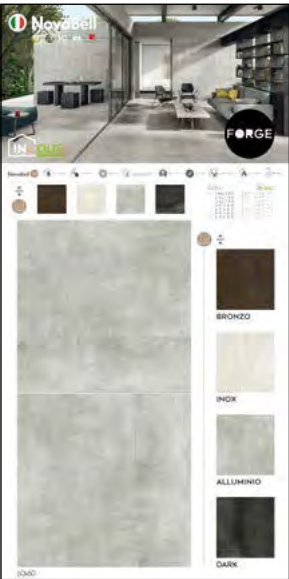
 The English language technical specification for each collection can be downloaded from www.novabell.it

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

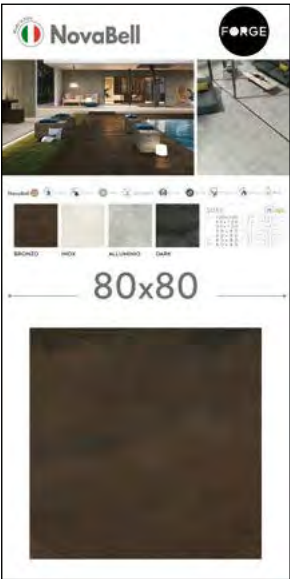
 Die Tabelle in deutscher Sprache kann auf www.novabell.it heruntergeladen werden.



PG FRG FT



PG FRG 60x60



PG FRG 80x80



PG FRG 100x100



Struttura Metal Mix 60x120



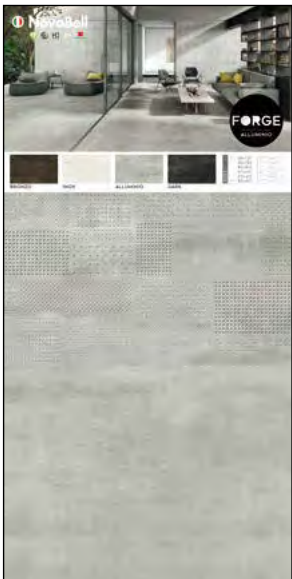
Struttura Stream 60x120



PG FRG FT 60x120



SCA-FRG



Struttura Stream



Struttura Stream



SCAFRG5

CAT-FRG



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