



**FORGE**

Made in Italy



**NovaBell**



# 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.

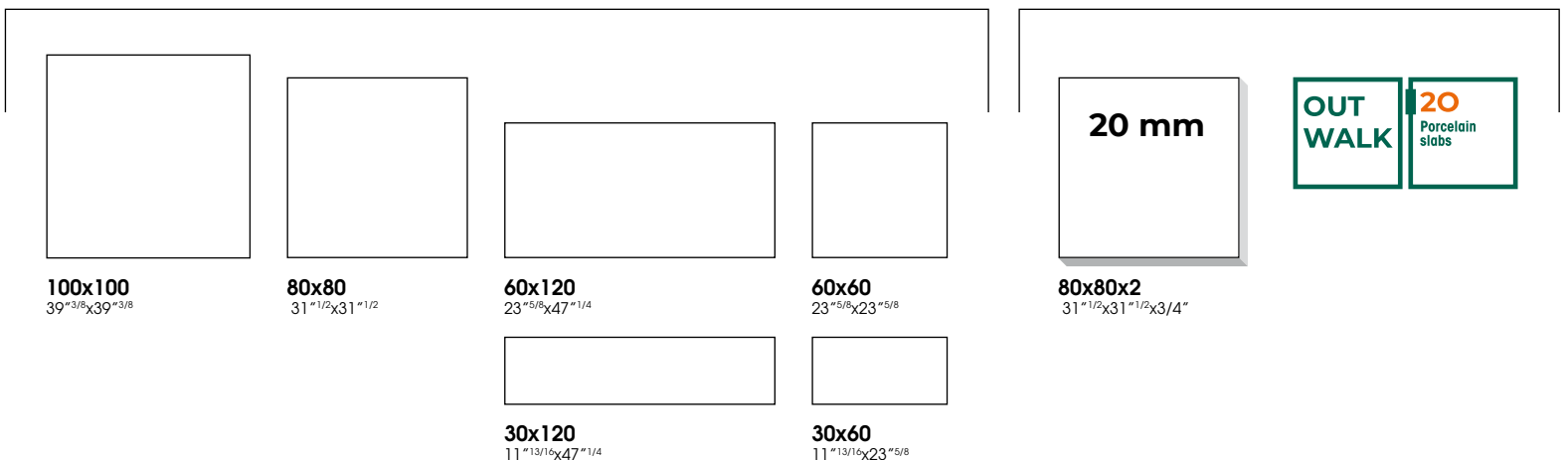
Forge ist die **Oberfläche in Metalloptik, die sich perfekt für Gestaltungslösungen im Industrial-Chic eignet.** NovaBell verleiht so modernen Innen- und Außenbereichen eine urbane Anmutung.



## 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



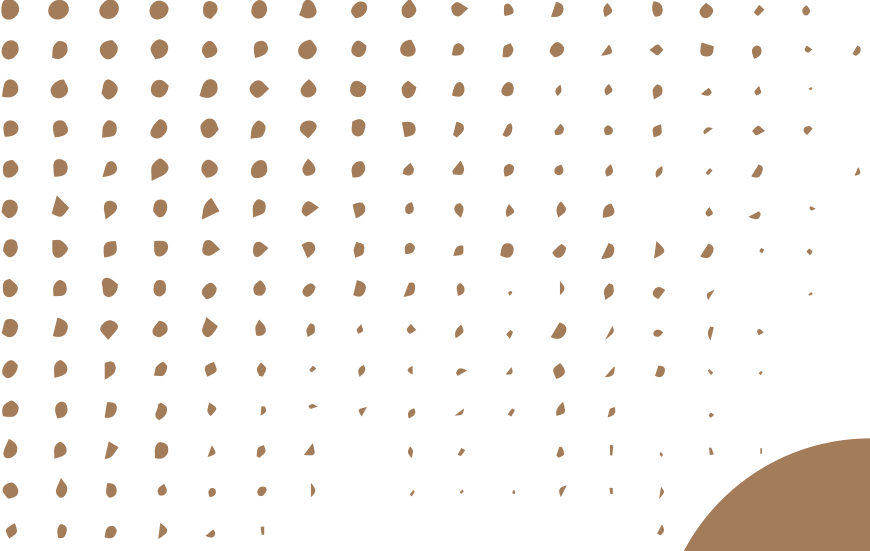
BRONZO



DARK

FORGE 3

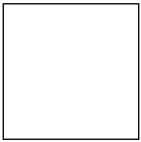




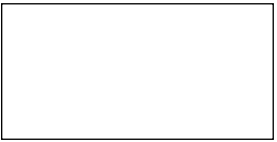
# METAL MIX

## WALL + FLOOR

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**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.



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WALL

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**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.**





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

FLOOR: Forge Alluminio Rettificato 80x80 - 31<sup>1/2</sup>x31<sup>1/2</sup> · Forge 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.



IN 9,5 M/M OUT 20 M/M











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

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







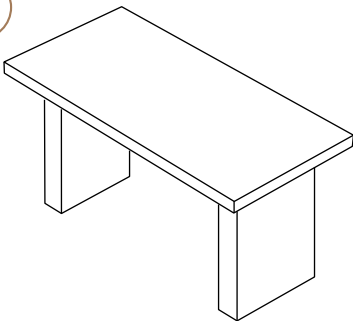
# FURNISHING & ACCESSORIES.

OUT  
WALK

20  
Porcelain  
slabs

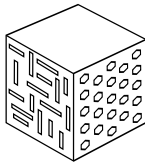


1



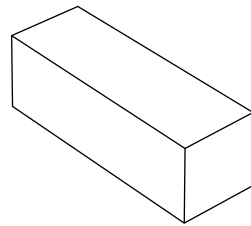
**160x80x75h** 63"x31"<sup>1/2</sup>x29"<sup>1/2</sup>  
**TAV2CM1**

2



**40x40x45h** 15"<sup>3/4</sup>x15"<sup>3/4</sup>x17"<sup>11/16</sup>  
**CUB2CM15**

3



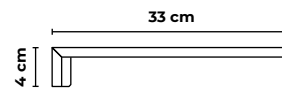
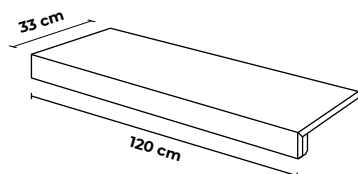
**120x40x40h** 47"<sup>1/4</sup>x15"<sup>3/4</sup>x15"<sup>3/4</sup>  
**PANC2CM12**



Le grès cérame NovaBell possède une grande valeur fonctionnelle et esthétique.  
Des carreaux de sol aux pièces spéciales pour escaliers, Forge habille toutes les surfaces  
dans une coordination impeccable.

Das Feinsteinzeug von NovaBell ist funktional wie ästhetisch besonders hochwertig.  
Mit den Bodenfliesen und Formteilen für Treppen von Forge lassen sich sämtliche  
Oberflächen perfekt aufeinander abstimmen.

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





Antislip

Immune to mould and veridigris

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.



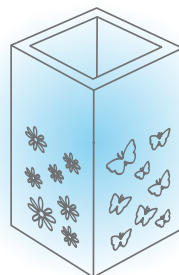
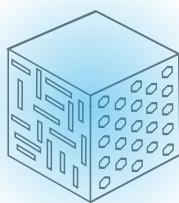
# ILLUMINATE YOUR SPACE.

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

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

Les cubes/jardinières marquetés sont disponibles avec un éclairage LED multicolore, contrôlable par smartphone avec 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" <sup>13</sup>/<sub>16</sub>"x47" <sup>1</sup>/<sub>4</sub>" - Forge Dark Rettificato 60x120 - 23" <sup>5</sup>/<sub>8</sub>"x47" <sup>1</sup>/<sub>4</sub>"  
**FLOOR:** Forge Dark Struttura Metal Mix Rettificato 60x120 - 23" <sup>5</sup>/<sub>8</sub>"x47" <sup>1</sup>/<sub>4</sub>"









**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.**

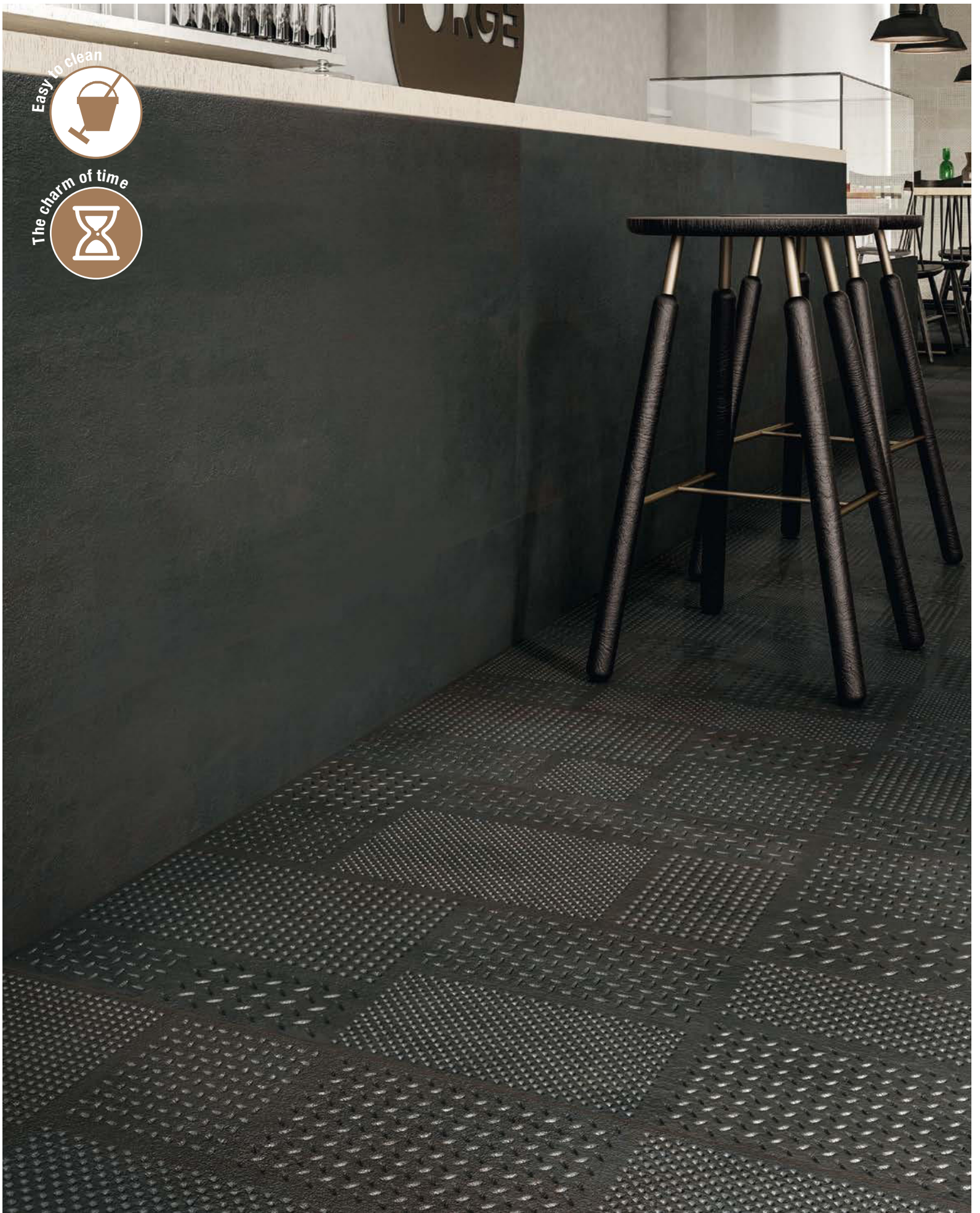
**Die Dekorationen und irisierenden Grundfliesen** von Forge eignen sich für ein breites Anwendungsspektrum, ihre **Robustheit und Pflegefreundlichkeit** geben Architekten und Planern ein **hochwertiges Material** zur Hand, **das nicht oxidiert und dauerhaft schön bleibt.**



Easy to clean



The charm of time







**WALL:** Forge Bronzo Struttura Stream Rettificato 30x120 - 11<sup>13/16</sup>x47<sup>1/4</sup> · Forge Bronzo Rettificato 30x120 - 11<sup>13/16</sup>x47<sup>1/4</sup>  
Forge 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 Bronzo Rettificato 60x60 - 23<sup>5/8</sup>x23<sup>5/8</sup>













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**.

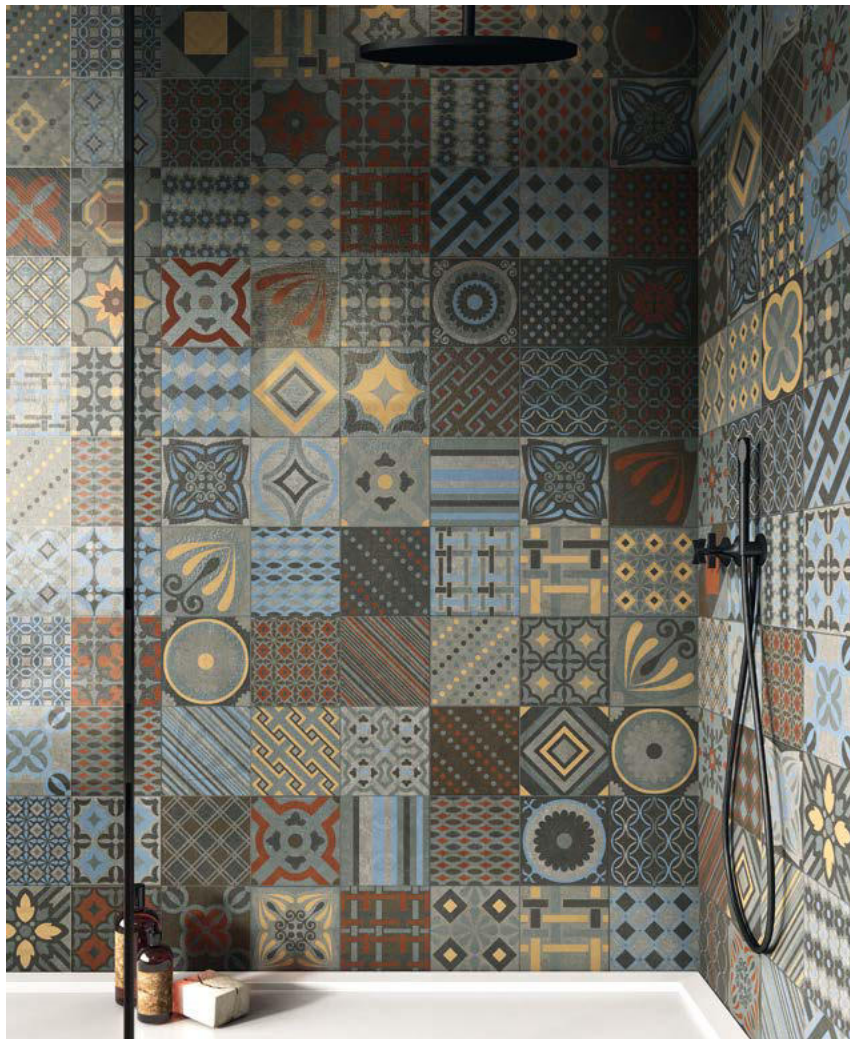
Forge ist ein langlebiger **sicherer Belag** ohne Lackauftrag. Das Feinsteinzeug von NovaBell ist **100% Made in Italy**. Es entspricht den Prinzipien des **Integrierten Konzepts**, das **unterschiedliche Materialoptiken zu neuartigen Kompositionen** zusammenführt.

# MURETTO + CEMENTINE

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



**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>











# ITEMS

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# FORGE DARK

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>13</sup>/<sub>16</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>13</sup>/<sub>16</sub>x23<sup>5</sup>/<sub>8</sub>



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

02  
1085



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

03  
1065



30x120 - 11<sup>13</sup>/<sub>16</sub>x47<sup>1</sup>/<sub>4</sub>  
FRG 93RT Dark Rettificato

03  
1090



30x60 - 11<sup>13</sup>/<sub>16</sub>x23<sup>5</sup>/<sub>8</sub>  
FRG 96RT Dark Rettificato

07  
1035



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

02  
1085



± 20 mm



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

01  
1120

15   230	08   260	01   670	01   676	01   676
Battiscopa 7x60	Battiscopa 7x80	Gradino Elle Rett. 33x120x4	Angolo DX Rett. 33x120x4	Angolo SX Rett. 33x120x4
FRG B90K	FRG B98K	FRG G91K	FRG G92K	FRG G93K

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





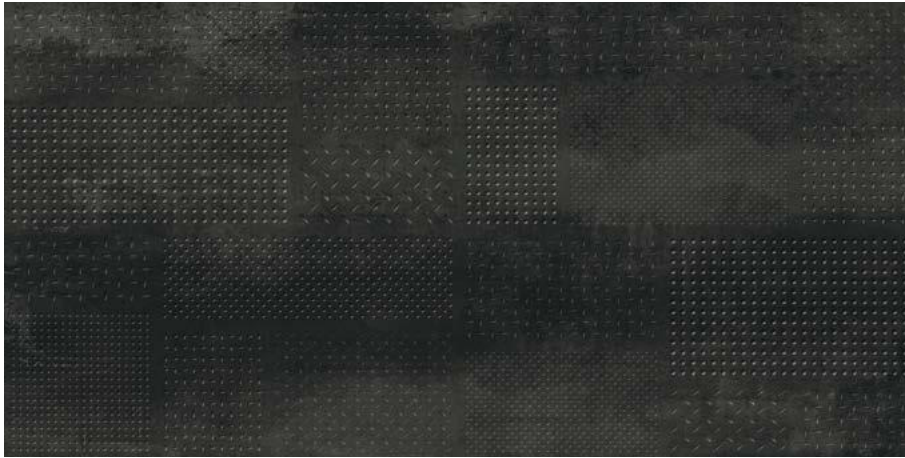
09315  
PORCELAIN  
TILES



TECHNICAL DATA  
NATURAL

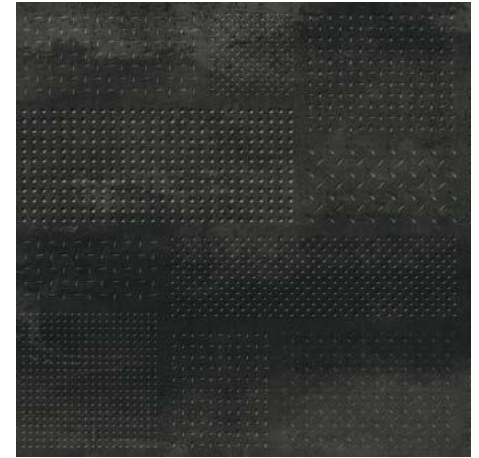
TECHNICAL DATA  
20MM

TECHNICAL	DIN 51130	DIN 51097	BCR	ANSI DCOF	Deep Abrasion Resistance	MOHS	Recommended Use	Resistance to Staining	ANSI A 137.1
<b>N</b> NATURAL	R10	A	DRY > 0.40 WET > 0.40	WET ≥ 0.42	< 175 mm <sup>3</sup>	≥ 5	4	5	
<b>OUT WALK</b> 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 91RT Struttura Metal Mix Dark Rettificato

02  
1095



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

03  
1070



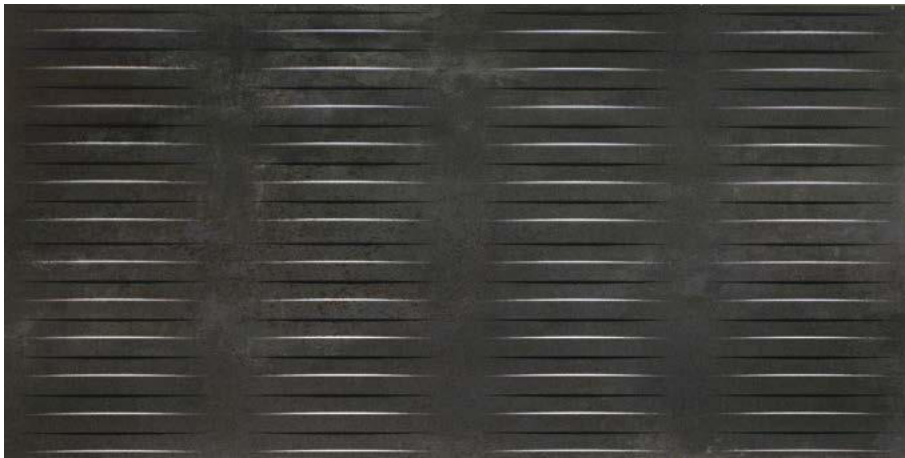
30x120 - 11<sup>13</sup>/<sub>16</sub>x47<sup>1</sup>/<sub>4</sub>  
FRG 911R Struttura Metal Mix Dark Rettificato

03  
1095



30x60 - 11<sup>13</sup>/<sub>16</sub>x23<sup>5</sup>/<sub>8</sub>  
FRG 996N Muretto Dark

04  
3130



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

02  
1095

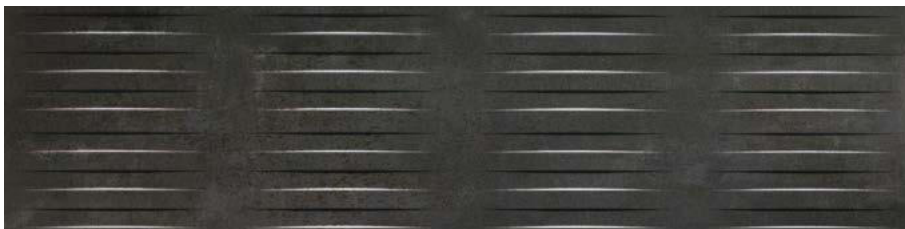


30x30 - 11<sup>13</sup>/<sub>16</sub>x11<sup>13</sup>/<sub>16</sub>  
FRG 995N Mosaico 5x5  
Dark

DIN 51130  
R10

DIN 51097  
A+B

10  
3115



30x120 - 11<sup>13</sup>/<sub>16</sub>x47<sup>1</sup>/<sub>4</sub>  
FRG 915R Struttura Stream Dark Rettificato

03  
1095

**COORDINATED DÉCO**

20x20 - 7<sup>7</sup>/<sub>8</sub>x7<sup>7</sup>/<sub>8</sub> **27**  
DEC 272K Cementine Mix **1105**

20x20 - 7<sup>7</sup>/<sub>8</sub>x7<sup>7</sup>/<sub>8</sub> **27**  
DEC 227K Cementine Color Mix **1105**



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>13</sup>/<sub>16</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>13</sup>/<sub>16</sub>x23<sup>5</sup>/<sub>8</sub>



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



30x120 - 11<sup>13</sup>/<sub>16</sub>x47<sup>1</sup>/<sub>4</sub>  
FRG 83RT Inox Rettificato

03  
1090



30x60 - 11<sup>13</sup>/<sub>16</sub>x23<sup>5</sup>/<sub>8</sub>  
FRG 86RT Inox Rettificato

07  
1035



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

02  
1085



R11



A+B+C



DRY > 0.40  
WET > 0.40



WET ≥ 0.42



<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

15   230	08   260	01   670	01   676	01   676
Battiscopa 7x60	Battiscopa 7x80	Gradino Elle Rett. 33x120x4	Angolo DX Rett. 33x120x4	Angolo SX Rett. 33x120x4
FRG B80K	FRG B88K	FRG G81K	FRG G82K	FRG G83K

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





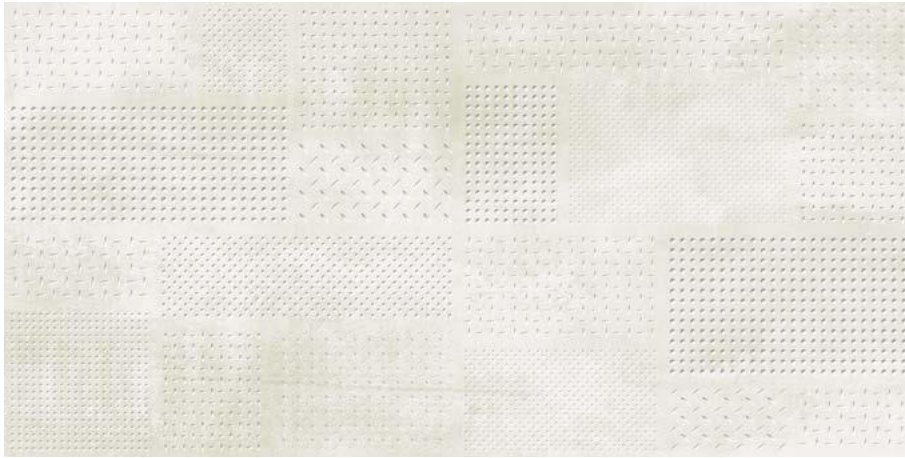
09315  
PORCELAIN  
TILES



TECHNICAL DATA  
NATURAL

TECHNICAL DATA  
20MM

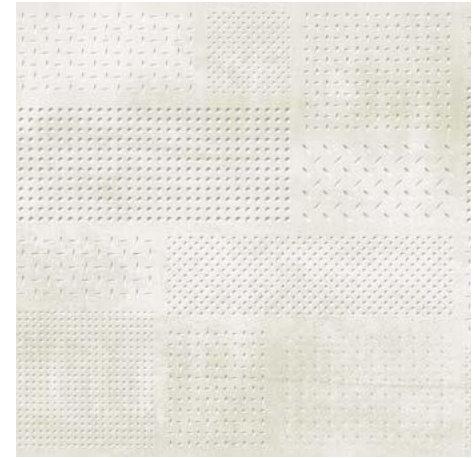
TECHNICAL	DIN 51130	DIN 51097	BCR	ANSI DCOF	Deep Abrasion Resistance	MOHS	Recommended Use	Resistance to Staining	ANSI A 137.1
<b>N</b> NATURAL	R10	A	DRY > 0.40 WET > 0.40	WET ≥ 0.42	< 175 mm <sup>3</sup>	≥ 5	4	5	
<b>OUT WALK</b> 20 MM	R11	A+B+C	DRY > 0.40 WET > 0.40	WET ≥ 0.42	< 130 mm <sup>3</sup>	≥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



60x120 - 23<sup>5</sup>/<sub>8</sub>x47<sup>1</sup>/<sub>4</sub>"

FRG 81RT Struttura Metal Mix Inox Rettificato

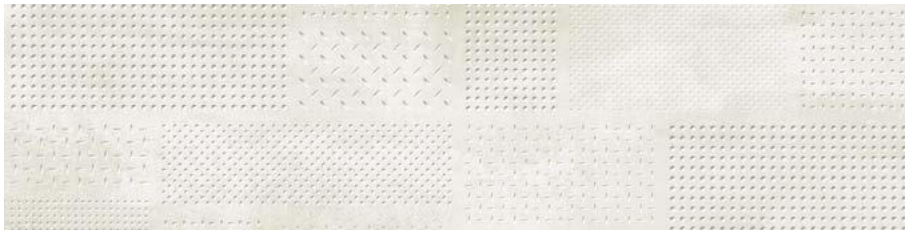
02  
1095



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>13</sup>/<sub>16</sub>x47<sup>1</sup>/<sub>4</sub>"

FRG 811R Struttura Metal Mix Inox Rettificato

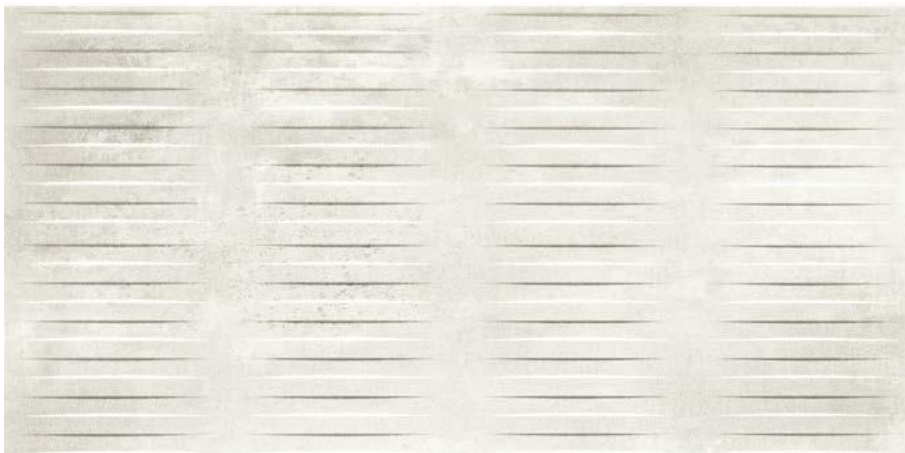
03  
1095



30x60 - 11<sup>13</sup>/<sub>16</sub>x23<sup>5</sup>/<sub>8</sub>"

FRG 886N Muretto Inox

04  
3130



60x120 - 23<sup>5</sup>/<sub>8</sub>x47<sup>1</sup>/<sub>4</sub>"

FRG 85RT Struttura Stream Inox Rettificato

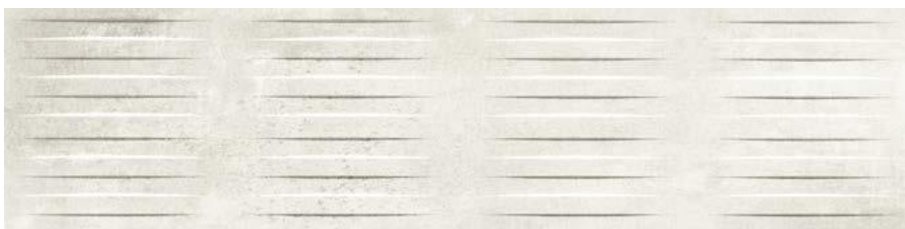
02  
1095



30x30 - 11<sup>13</sup>/<sub>16</sub>x11<sup>13</sup>/<sub>16</sub>"

FRG 885N Mosaico 5x5  
Inox

DIN 51130  
R10  
DIN 51097  
A+B  
10  
3115



30x120 - 11<sup>13</sup>/<sub>16</sub>x47<sup>1</sup>/<sub>4</sub>"

FRG 815R Struttura Stream Inox Rettificato

03  
1095

**COORDINATED DÉCO**

20x20 - 7<sup>7</sup>/<sub>8</sub>x7<sup>7</sup>/<sub>8</sub>" **27**  
DEC 272K Cementine Mix **1105**

20x20 - 7<sup>7</sup>/<sub>8</sub>x7<sup>7</sup>/<sub>8</sub>" **27**  
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>13</sup>/<sub>16</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>13</sup>/<sub>16</sub>x23<sup>5</sup>/<sub>8</sub>



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



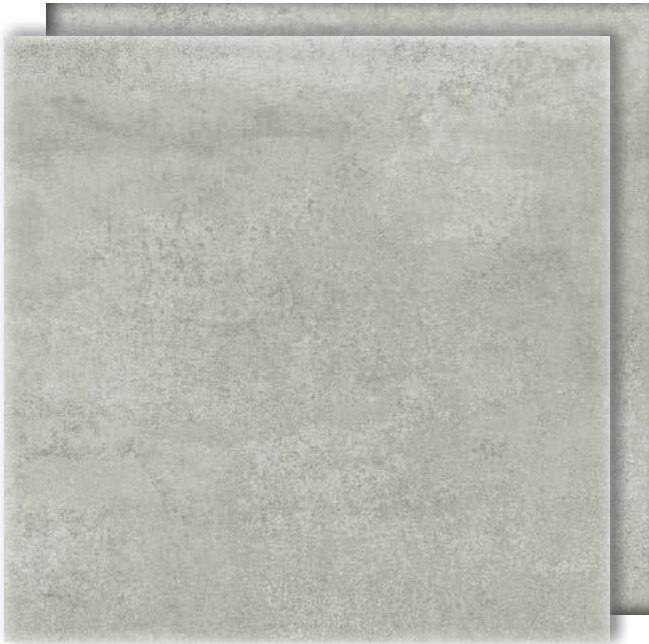
30x120 - 11<sup>13</sup>/<sub>16</sub>x47<sup>1</sup>/<sub>4</sub>  
FRG 13RT Alluminio Rettificato

03  
1090



30x60 - 11<sup>13</sup>/<sub>16</sub>x23<sup>5</sup>/<sub>8</sub>  
FRG 16RT Alluminio Rettificato

07  
1035



80x80 - 31<sup>1</sup>/<sub>2</sub>x31<sup>1</sup>/<sub>2</sub>  
FRG 18RT Alluminio Rettificato  
100x100 - 39<sup>3</sup>/<sub>8</sub>x39<sup>3</sup>/<sub>8</sub>  
FRG 101R Alluminio Rettificato

02  
1085

02  
1100



± 20 mm



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

01  
1120

15   230	08   260	01   670	01   676	01   676
FRG B10K	FRG B18K	FRG G11K	FRG G12K	FRG G13K

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





TECHNICAL DATA  
NATURAL

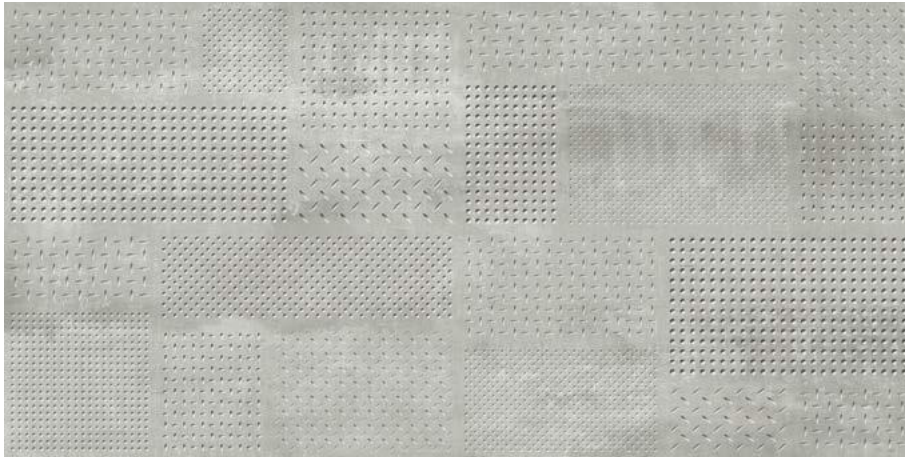


TECHNICAL DATA  
20MM

09315  
PORCELAIN  
TILES



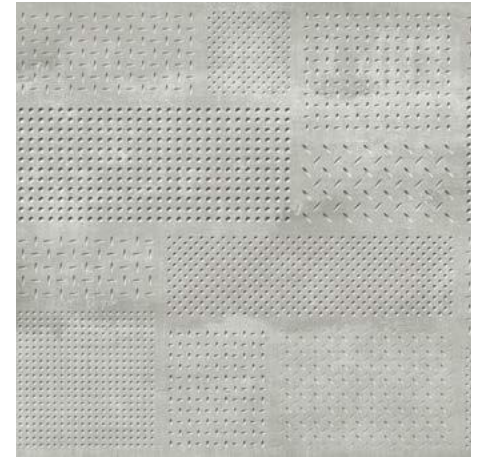
TECHNICAL	DIN 51130	DIN 51097	BCR	ANSI DCOF	Deep Abrasion Resistance	MOHS	Recommended Use	Resistance to Staining	ANSI A 137.1
<b>N</b> NATURAL	R10	A	DRY > 0.40 WET > 0.40	WET ≥ 0.42	< 175 mm <sup>3</sup>	≥ 5	4	5	
<b>OUT WALK</b> 20 MM	R11	A+B+C	DRY > 0.40 WET > 0.40	WET ≥ 0.42	< 130 mm <sup>3</sup>	≥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



60x120 - 23<sup>5</sup>/<sub>8</sub>x47<sup>1</sup>/<sub>4</sub>"

FRG 111R Struttura Metal Mix Alluminio Rettificato

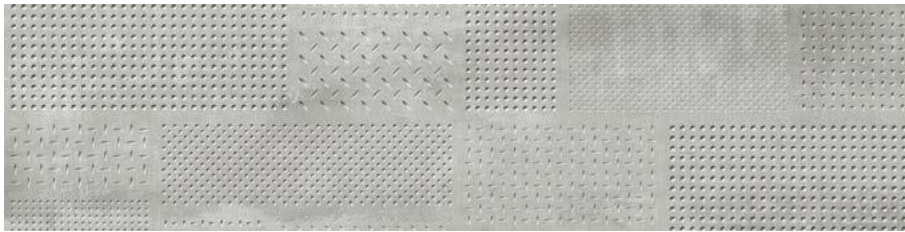
02  
1095



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>13</sup>/<sub>16</sub>x47<sup>1</sup>/<sub>4</sub>"

FRG 111R Struttura Metal Mix Alluminio Rettificato

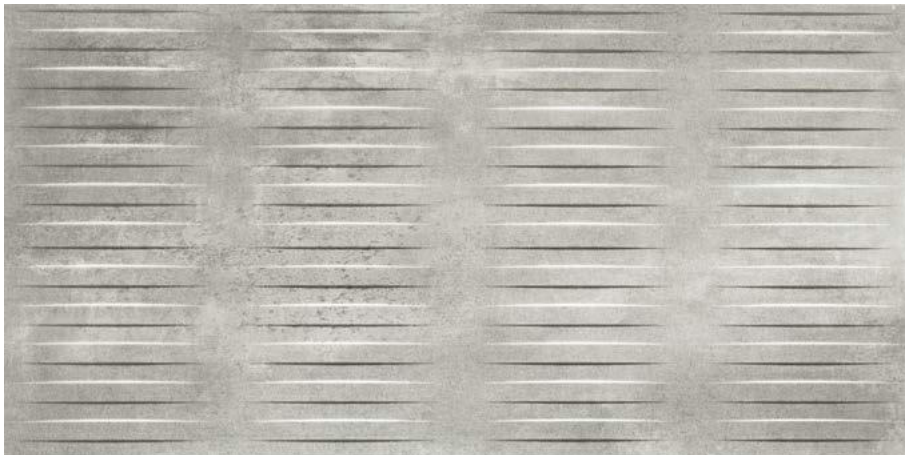
03  
1095



30x60 - 11<sup>13</sup>/<sub>16</sub>x23<sup>5</sup>/<sub>8</sub>"

FRG 116N Muretto Alluminio

04  
3130



60x120 - 23<sup>5</sup>/<sub>8</sub>x47<sup>1</sup>/<sub>4</sub>"

FRG 15RT Struttura Stream Alluminio Rettificato

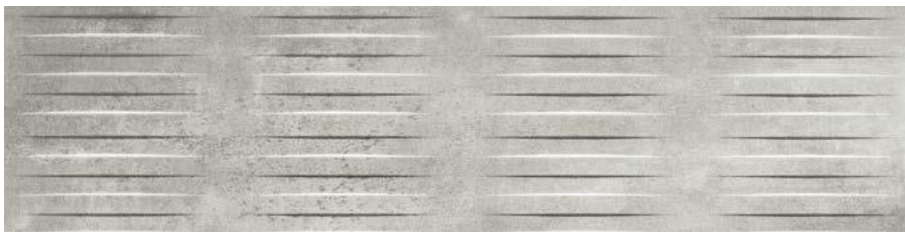
02  
1095



30x30 - 11<sup>13</sup>/<sub>16</sub>x11<sup>13</sup>/<sub>16</sub>"

FRG 115N Mosaico 5x5  
Alluminio

10  
3115



30x120 - 11<sup>13</sup>/<sub>16</sub>x47<sup>1</sup>/<sub>4</sub>"

FRG 115R Struttura Stream Alluminio Rettificato

03  
1095



# BRONZO

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>13</sup>/<sub>16</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>13</sup>/<sub>16</sub>x23<sup>5</sup>/<sub>8</sub>



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



30x120 - 11<sup>13</sup>/<sub>16</sub>x47<sup>1</sup>/<sub>4</sub>  
FRG 63RT Bronzo Rettificato

03  
1090



30x60 - 11<sup>13</sup>/<sub>16</sub>x23<sup>5</sup>/<sub>8</sub>  
FRG 66RT Bronzo Rettificato

07  
1035



80x80 - 31<sup>1</sup>/<sub>2</sub>x31<sup>1</sup>/<sub>2</sub>  
FRG 68RT Bronzo Rettificato  
100x100 - 39<sup>3</sup>/<sub>8</sub>x39<sup>3</sup>/<sub>8</sub>  
FRG 106R Bronzo Rettificato

02  
1085  
02  
1100



± 20 mm



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

01  
1120

15   230	08   260	01   670	01   676	01   676
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





TECHNICAL DATA  
NATURAL

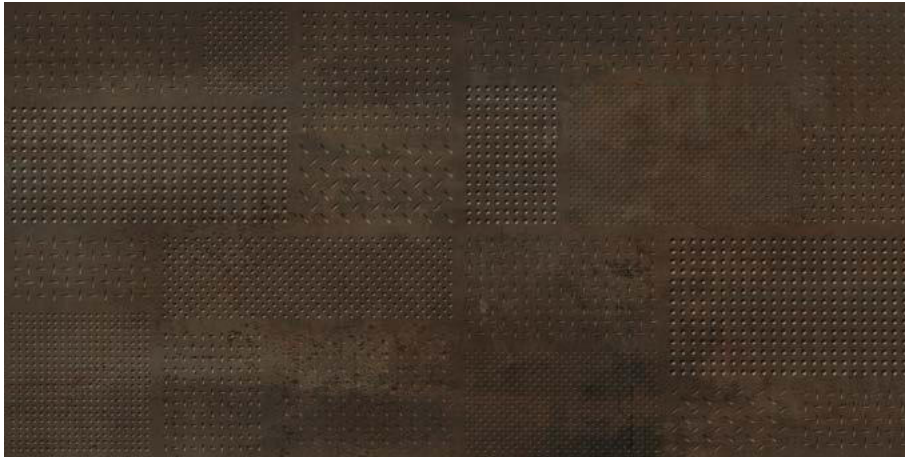


TECHNICAL DATA  
20MM

09315  
PORCELAIN  
TILES

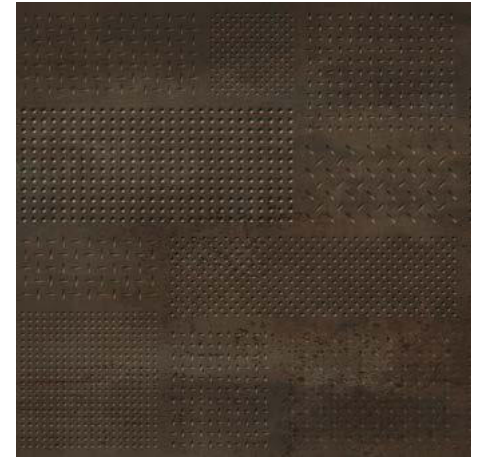


TECHNICAL	DIN 51130	DIN 51097	BCR	ANSI DCOF	Deep Abrasion Resistance	MOHS	Recommended Use	Resistance to Staining	ANSI A 137.1
<b>N</b> NATURAL	R10	A	DRY > 0.40 WET > 0.40	WET ≥ 0.42	< 175 mm <sup>3</sup>	≥ 5	4	5	
<b>OUT WALK</b> 20 MM	R11	A+B+C	DRY > 0.40 WET > 0.40	WET ≥ 0.42	< 130 mm <sup>3</sup>	≥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



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

02  
1095



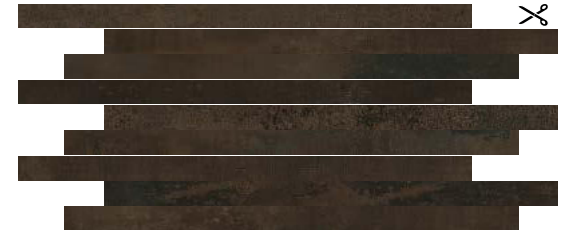
60x60 - 23<sup>5</sup>/<sub>8</sub>x23<sup>5</sup>/<sub>8</sub>  
FRG 610R Struttura Metal Mix Bronzo Rett.

03  
1070



30x120 - 11<sup>13</sup>/<sub>16</sub>x47<sup>1</sup>/<sub>4</sub>  
FRG 611R Struttura Metal Mix Bronzo Rettificato

03  
1095



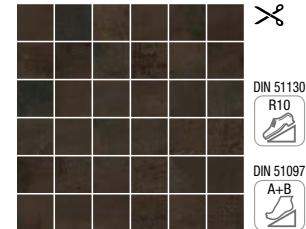
30x60 - 11<sup>13</sup>/<sub>16</sub>x23<sup>5</sup>/<sub>8</sub>  
FRG 666N Muretto Bronzo

04  
3130



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

02  
1095



30x30 - 11<sup>13</sup>/<sub>16</sub>x11<sup>13</sup>/<sub>16</sub>  
FRG 665N Mosaico 5x5  
Bronzo

DIN 51130  
R10  
DIN 51097  
A+B  
10  
3115



30x120 - 11<sup>13</sup>/<sub>16</sub>x47<sup>1</sup>/<sub>4</sub>  
FRG 615R Struttura Stream Bronzo Rettificato


03  
1095

**COORDINATED DÉCO**

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

27  
1105

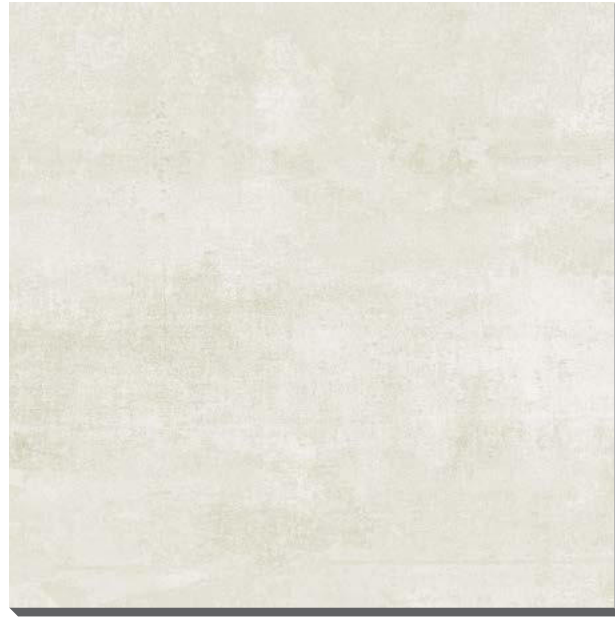
# FORGE 20 MM


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



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

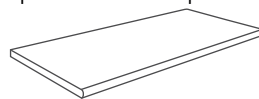


80x80 - 31<sup>1</sup>/<sub>2</sub>x31<sup>1</sup>/<sub>2</sub>  
**FRG 97RT** Dark 20mm Rettificato

01  
1120

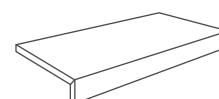
## PEZZI SPECIALI ON DEMAND 20MM\*

Special coordinated pieces. Zusammenstellbare Formteile. Pièces spéciales coordonnées.



Toro Gradino Rettificato **02**  
 40x80 **640**

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



Gradino Elle Rettificato **02**  
 33x80x6,5 **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

09315  
PORCELAIN  
TILES

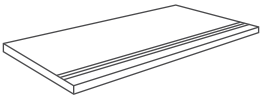


TECHNICAL	DIN 51130	DIN 51097	BCR	ANSI DCOF	Deep Abrasion Resistance	MOHS	Recommended Use	Resistance to Staining	ANSI A 137.1
OUT WALK 20 MM	R11	A+B+C	DRY > 0.40 WET > 0.40	WET ≥ 0.42	< 130 mm <sup>3</sup>	≥ 8	5	5	 V3



### PEZZI SPECIALI ON DEMAND 20MM\*

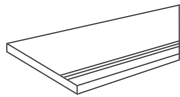
Special coordinated pieces. Zusammenstellbare Formteile. Pièces spéciales coordonnées.



Bordo Antiderap Rett.  
40x80

02  
645

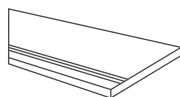
**FRG W61K** Bronzo  
**FRG W81K** Inox  
**FRG W11K** Alluminio  
**FRG W91K** Dark



Bordo Angolo SX Rett.  
40x80

02  
654

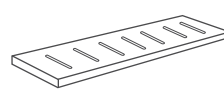
**FRG W62K** Bronzo  
**FRG W82K** Inox  
**FRG W12K** Alluminio  
**FRG W92K** Dark



Bordo Angolo DX Rett.  
40x80

02  
654

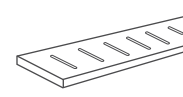
**FRG W64K** Bronzo  
**FRG W84K** Inox  
**FRG W14K** Alluminio  
**FRG W94K** Dark



Griglia Rettificata  
20x80

02  
664

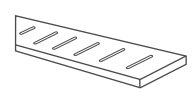
**FRG W65K** Bronzo  
**FRG W85K** Inox  
**FRG W15K** Alluminio  
**FRG W95K** Dark



Griglia Angolo SX Rett.  
20x80

02  
665

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




Griglia Angolo DX Rett.  
20x80

02  
665

**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
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
<b>DCOF Resistance</b> (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 Juds	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  
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	Bending Strength EN 13396	Water Absorption	DIN 51130	DIN 51097	BS 7976 Pendulum Tester Average Values	MOHS	Modulus of Rupture	Breaking Strength (for square slabs)	Compressive Strength
<b>TECHNICAL DATA 20 MM</b>	$\geq U11$ * for square slabs	$\leq 0,03\%$	R11	A+B+C	wet $\geq 50$ dry $\geq 55$	$\geq 8$	$\geq 50$ N/mm <sup>2</sup>	$\geq 12.000$ N	$\geq 200$ N/mm <sup>2</sup>
Resistance to Staining	Resistance to household chemicals and swimming pool salts	Frost Resistance	Thermal Shock	Color Resistance UV Light		Reaction to Fire	$\geq 500$ kg/cm <sup>2</sup>	$\geq 1.200$ kg	$\geq 2.000$ kg/cm <sup>2</sup>
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 <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>
Raccomanded 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>	$< 7,1 \times 10^{-6} \text{ }^\circ\text{C}^{-1}$
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)	$\Delta E_{cmc} < 0,75^{(1)}$	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>	<b>A1<sub>FL</sub></b> 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	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 <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)	<b>A minimum of 95% of the tiles shall be free from visible defects that would impair the appearance of a major area of tiles</b>	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.



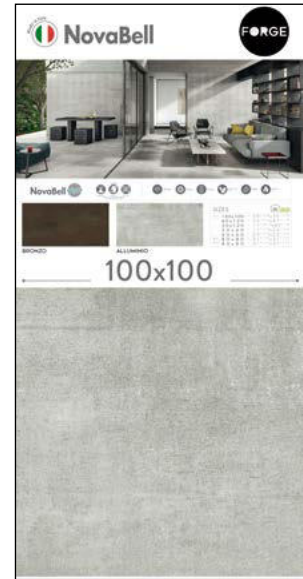
PG FRG FT



PG FRG 60x60



PG FRG 80x80



PG FRG 100x100



Struttura Metal Mix 60x120



Struttura Stream 60x120



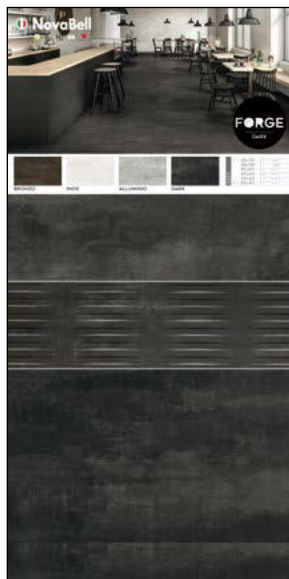
PG FRG FT 60x120



SCA-FRG



Struttura Stream



Struttura Stream



SCAFRG5



CAT-FRG



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