

OXY

IMPROVED CONCRETE



NovaBell



IMPROVED CONCRETE

OXY È LA NUOVA SUPERFICIE EFFETTO CEMENTO CHE RIFLETTE I TRAGUARDI TECNOLOGICI NOVABELL. UNA NUOVA METICOLOSA RICERCA SUI MATERIALI DI ISPIRAZIONE, LE INNOVATIVE COMPETENZE INDUSTRIALI E LE PURISSIME MATERIE PRIME, HANNO DATO ORIGINE AD UN'ESTETICA INNOVATIVA, EQUILIBRATA E AUTENTICAMENTE **100% MADE IN ITALY.**

OXY IS THE NEW CONCRETE-LOOK SURFACE THAT REFLECTS NOVABELL'S TECHNOLOGICAL GOALS. NEW METICULOUS RESEARCH ON INSPIRATIONAL MATERIALS, INNOVATIVE INDUSTRIAL SKILLS AND THE PUREST RAW MATERIALS HAVE RESULTED IN AN INNOVATIVE, BALANCED AND AUTHENTICALLY **100% MADE IN ITALY AESTHETIC.**

OXY

OXY est la nouvelle surface effet béton qui témoigne des avancées technologiques NovaBell. Une nouvelle recherche minutieuse sur les matériaux sources d'inspiration, les compétences industrielles innovantes et les matières premières les plus pures ont donné naissance à une esthétique nouvelle, équilibrée et authentiquement **100 % Made in Italy.**

OXY in Betonoptik repräsentiert den technischen State of the Art von NovaBell. Auf einer eingehenden Auseinandersetzung mit den Materialvorlagen, modernen Fertigungskompetenzen und hochreinen Rohstoffen fußt eine innovative, stimmige Optik, die authentisch **100% Made in Italy** verkörpert.

Bianco

Beige

Brown

Grigio chiaro

Antracite

Nero

BALANCED COLORS

LE INFINITE GRAFICHE, GLI EFFETTI DI OSSIDAZIONE DELLA MATERIA ED OGNI SINGOLA SFUMATURA, INTRECCIANO UN DIALOGO ARMONICO E MISURATO CON LE SUPERFICI. LA MODERNISSIMA PALETTE CROMATICA FONDE GLI EFFETTI ESTETICI DEL CEMENTO STESO MANUALMENTE ED UN NUOVO LOOK, ACCOGLIENTE E SOFISTICATO.

THE INFINITE PATTERNS, THE MATERIAL'S OXIDATION AND EVERY SINGLE SHADE CREATE A HARMONIOUS, TASTEFUL DIALOGUE WITH THE SURFACES. THE ULTRA-MODERN COLOUR RANGE COMBINES THE AESTHETIC EFFECTS OF MANUALLY LAID CONCRETE WITH A NEW WELCOMING, SOPHISTICATED LOOK.



Les graphismes innombrables, les effets d'oxydation du matériau et chaque nuance entament un dialogue harmonieux et équilibré avec les surfaces. La palette de couleurs ultra-moderne combine les effets esthétiques du béton posé manuellement et un nouveau look accueillant et sophistiqué.

Mannigfaltige Linien und Strukturen, Oxidationseffekte und jede einzelne Schattierung begründen mit den Oberflächen einen stimmigen, ausgewogenen Dialog. Die hochmoderne Farbpalette vereint die Optik von handgeglättetem Beton mit einer neuartigen behaglichen, exquisiten Ausstrahlung.



ENDLESS POSSIBILITIES

IL PROGETTO OXY, COMPLETO DI UNA SUPERFICIE SPESSORATA DA ESTERNO 80X80X2 CM, CONCEDE MASSIMA COORDINAZIONE IN-OUT, CONSEGNANDO AL PROGETTISTA UNA MATERIA BELLA, MODERNA E VERSATILE.

THE OXY PROJECT, WHICH FEATURES AN EXTRA-THICK 80X80X0.2 CM OUTDOOR SURFACE, ALLOWS MAXIMUM COORDINATION BETWEEN INSIDE AND OUTSIDE, PROVIDING THE DESIGNER WITH A BEAUTIFUL, MODERN AND VERSATILE MATERIAL.



80x80
31¹³/₁₆"x31¹³/₁₆"



80x80
31¹³/₁₆"x31¹³/₁₆"



60x120
23⁵/₈"x47¹¹/₁₆"



60x60
23⁵/₈"x23⁵/₈"



30x60
11¹³/₁₆"x23⁵/₈"



60x60
23⁵/₈"x23⁵/₈"



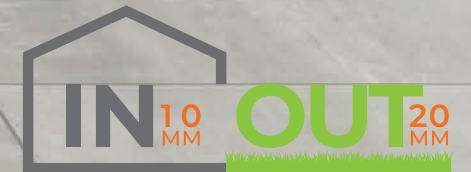
30x60
11¹³/₁₆"x23⁵/₈"

Le projet OXY, avec une surface extérieure ultra-épaisse de 80x80x0,2 cm, garantit une coordination maximale entre intérieur et extérieur, offrant au concepteur un matériau beau, moderne et polyvalent.

Das Konzept OXY, das auch eine überstarke Outdoor-Variante 80x80x0,2 cm umfasst, ermöglicht durchgängige Gestaltungen von Innen- und Außenbereich mit einem ansprechenden, modernen und vielseitigen Material.



FLOOR IN/OUT: Grigio Chiaro Rettificato 80x80 - 31¹/₂x31¹/₂



GRIGIO CHIARO



STRENGTH & BEAUTY

GLI EFFETTI ESTETICI DEL CEMENTO SI UNISCONO AI VALORI TECNICI DEL GRES PORCELLANATO NOVABELL. LE SUPERFICI ESTERNE SONO PROTETTE E AL SICURO DA GELO, ACQUA, FUOCO E TUTTE LE CONDIZIONI AGGRESSIVE.

THE AESTHETIC EFFECTS OF CONCRETE ARE COMBINED WITH THE TECHNICAL VALUES OF NOVABELL PORCELAIN STONEWARE. THE OUTDOOR SURFACES ARE PROTECTED AGAINST FROST, WATER, FIRE AND ALL AGGRESSIVE CONDITIONS.



Les effets esthétiques du béton se combinent aux valeurs techniques du grès cérame NovaBell. Les surfaces externes sont protégées parfaitement contre le gel, l'eau, le feu et de toutes les autres conditions agressives.

Die Optik von Beton vereint sich mit den Leistungsmerkmalen des Feinsteinzeugs von NovaBell. Die Beläge im Außenbereich sind resistent gegen Frost, Wasser, Feuer und alle widrigen Bedingungen.





WALL: Bianco Rettificato 60x120 - 23^{5/8}x47^{1/4} / Muretto Nero 30x60 - 11^{13/16}x23^{5/8}
COUNTER: Nero Rettificato 60x120 - 23^{5/8}x47^{1/4}
FLOOR IN/OUT: Nero Rettificato 60x120 - 23^{5/8}x47^{1/4} / Antracite 20 mm Rettificato 80x80 - 31^{1/2}x31^{1/2}

NERO - BIANCO - ANTRACITE



PRECIOUS ELEMENTS

NOVABELL IMPREZIOSISCE LA GAMMA CON ELEMENTI DECORATIVI. GLI ARTICOLI MURETTO E MOSAICO DECORANO PARETI E PAVIMENTI ATTRAVERSO MATERICITÀ E MODERNITÀ ESTETICA.

NOVABELL ENHANCES THE RANGE WITH DECORATIVE ELEMENTS. THE MURETTO AND MOSAICO MODULES DECORATE WALLS AND FLOORS WITH TACTILE APPEAL AND A MODERN AESTHETIC.



NovaBell enrichit sa gamme avec des éléments décoratifs. Les articles Muretto et Mosaico décoorent les murs et les sols à travers la matérialité et la modernité esthétique

NovaBell bereichert das Sortiment mit dekorativen Elementen. Die Artikel Muretto und Mosaico gestalten Wände und Fußböden mit einer modernen materialbetonten Ästhetik.

IN 10 **OUT** 20
MM MM

OUT
WALK 20
Porcelain
slabs





FLOOR IN/OUT: Beige Rettificato 60x120 - 23⁷/₈"x47¹/₄" / Beige Antislip Rettificato 30x60 - 11¹³/₁₆"x23⁵/₈"

COMFORTABLE COORDINATION

NEI COLORI BEIGE E GRIGIO CHIARO È
DISPONIBILE UNA COMODA FINITURA ANTISLIP
PER ESTERNO, NEI FORMATI 60X60 E 30X60
IN SPESSORE 10 MM.

IN THE BEIGE AND GRIGIO CHIARO COLOURS, A
CONVENIENT ANTI-SLIP OUTDOOR FINISH IS
AVAILABLE IN THE 10 MM-THICK 60X60 AND
30X60 CM SIZES.



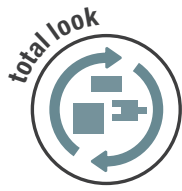
Pour les couleurs Beige et Grigio Chiaro, une finition
antidérapante confortable est disponible pour une
utilisation en extérieur, en formats 60x60 et 30x60 cm
pour une épaisseur de 10 mm.

In den Farben Beige und Grigio Chiaro ist eine praktische
rutschfeste Oberfläche für den Außenbereich in
den Formaten 60x60 und 30x60 cm und in der
Materialstärke 10 mm erhältlich.

BEAUTY OF DETAILS

I PEZZI SPECIALI NOVABELL SONO PERFEZIONATI IN OGNI DETTAGLIO, SONO COORDINATI AL RESTO DELLE SUPERFICI, POSSIEDONO TUTTI I VANTAGGI DEL GRES PORCELLANATO TECNICO NOVABELL E LE DIMENSIONI CORRISPONDONO AGLI STANDARD PROGETTUALI.

NOVABELL'S SPECIAL TRIMS ARE PERFECTED IN EVERY DETAIL AND COORDINATED WITH THE REST OF THE SURFACES. THEY HAVE ALL THE ADVANTAGES OF NOVABELL TECHNICAL PORCELAIN STONEWARE AND THEIR DIMENSIONS CORRESPOND WITH DESIGN STANDARDS.



Les pièces spéciales NovaBell sont perfectionnées dans les moindres détails, sont assorties au reste des surfaces, possèdent tous les avantages du grès cérame technique NovaBell et leurs dimensions correspondent aux standards des bureaux d'études.

Die Formteile von NovaBell sind bis ins kleinste Detail durchdacht und auf die jeweilige Oberflächenoptik abgestimmt. Sie verfügen über alle Vorzüge des technischen Feinsteinzeugs von NovaBell und Abmessungen in Übereinstimmung mit den Projektstandards.





FORMALDEHYDE-FREE
ASBESTOS-FREE
CHLORINE-FREE

SAFETY WHEREVER

OXY È UN MATERIALE NATURALE E SICURO, È PARTICOLARMENTE ADATTO AGLI SPAZI WELLNESS & SPA PERCHÉ NON RILASCIAMO SOSTANZE NOCIVE, È ANALLERGICO, NON TRATTIENE SPORCO E BATTERI. OXY, COME TUTTE LE CERAMICHE NOVABELL, È SOSTENIBILE E SARÀ BELLO PER SEMPRE.

OXY IS A NATURAL, SAFE MATERIAL THAT IS PARTICULARLY SUITABLE FOR WELLNESS & SPA AREAS BECAUSE IT DOES NOT RELEASE HARMFUL SUBSTANCES, IT IS NON-ALLERGIC AND IT DOES NOT ABSORB DIRT AND BACTERIA. OXY, LIKE ALL NOVABELL CERAMICS, IS SUSTAINABLE AND WILL ALWAYS REMAIN BEAUTIFUL.

ANTRACITE

WALL: Stripes Bianco Matt 120x45 - 47^{11/16}x17^{11/16} / Bianco Matt 120x45 - 47^{11/16}x17^{11/16} / OXY Antracite 60x120 - 23^{5/8}x47^{11/16} / Mosaico Antracite 30x30 - 11^{13/16}x11^{13/16}
FLOOR: OXY Antracite 60x120 - 23^{5/8}x47^{11/16}



Oxy est un matériau naturel et sûr. Il convient particulièrement aux espaces Wellness & Spa car il ne libère pas de substances nocives, est antiallergique, ne retient ni la saleté ni les bactéries. Oxy, comme toutes les céramiques NovaBell, est durable et restera beau pour toujours.

Oxy ist ein natürliches und sicheres Material. Es eignet sich besonders für Wellness- und Spa-Bereiche, weil es keine Schadstoffe freisetzt, nicht allergen ist und weder Schmutz noch Bakterien bindet. Wie alle keramischen Erzeugnisse von NovaBell ist Oxy nachhaltig und dauerhaft schön.



GRIGIO CHIARO

cm. 80x80
 inch. 31¹/₂x31¹/₂

cm. 60x120 cm. 60x60 cm. 30x60
 inch. 23⁵/₈x47¹/₄ inch. 23⁵/₈x23⁵/₈ inch. 11¹³/₁₆x23⁵/₈

cm. 80x80
 inch. 31¹/₂x31¹/₂



60x120 - 23⁵/₈x47¹/₄
FRY 12RT Grigio Chiaro Rettificato

02
1075



60x60 - 23⁵/₈x23⁵/₈
FRY 10RT Grigio Chiaro Rettificato

03
1065



60x60 - 23⁵/₈x23⁵/₈
FRY 11RT Grigio Chiaro Antislip Rettificato

03
1070



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

DIN 51130
R10
DIN 51097
A+B
10
3115



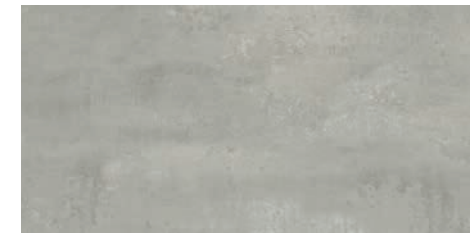
30x60 - 11¹³/₁₆x23⁵/₈
FRY 116N Muretto Grigio Chiaro

04
3130



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

07
1035



30x60 - 11¹³/₁₆x23⁵/₈
FRY 15RT Grigio Chiaro Antislip Rettificato

07
1040



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

02
1075

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

01 670	01 676	01 676	15 170	08 200
Gradino Elle Rett. 33x120x4	Angolo DX Rett. 33x120x4	Angolo SX Rett. 33x120x4	Battiscopa 7x60	Battiscopa 7x80
FRG G11K	FRG G12K	FRG G15K	FRG B10K	FRG B18K



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+B	DRY > 0.40 WET > 0.40	WET ≥ 0.42	< 175 mm ³	≥ 5	4	5
	ANTISLIP	R11	A+B+C	DRY > 0.40 WET > 0.40	WET ≥ 0.42	< 175 mm ³	≥ 7	5	5
OUT WALK	20 MM	R11	A+B+C	DRY > 0.40 WET > 0.40	WET ≥ 0.42	< 130 mm ³	≥ 8	5	5



80x80 - 31¹/₂x31¹/₂
FRY 17RT Grigio Chiaro 20MM Rettificato

01
1120

R11
 A+B+C
 BCR
 DRY > 0.40
WET > 0.42
 < 130 mm³
 ≥ 8

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

02 640	02 664	02 645	02 654	02 654	02 610	02 625	02 625
Toro Gradino Rett. 40x80	Gradino Elle Rett. 33x80x6,5	Bordo Rett. Antiderapant 40x80	Bordo Angolo SX Rett. 40x80	Bordo Angolo DX Rett. 40x80	Griglia Rettificata 20x80	Griglia Angolo SX Rett. 20x80	Griglia Angolo DX Rett. 20x80
FRY G13K	FRY G18K	FRY W11K	FRY W12K	FRY W14K	FRY W15K	FRY W16K	FRY W17K

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

cm. 80x80
 inch. 31¹/₂x31¹/₂

cm. 60x120 cm. 60x60 cm. 30x60
 inch. 23⁵/₈x47¹/₄ inch. 23⁵/₈x23⁵/₈ inch. 11¹³/₁₆x23⁵/₈

cm. 80x80
 inch. 31¹/₂x31¹/₂

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+B	DRY > 0.40 WET > 0.40	< 175 mm ³	≥ 5	4	5	
OUT WALK	20 MM	R11	A+B+C	DRY > 0.40 WET > 0.40	< 130 mm ³	≥ 8	5	5	V3



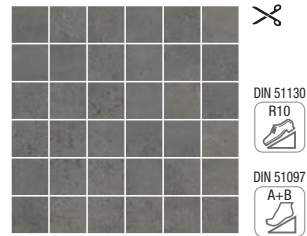
60x120 - 23⁵/₈x47¹/₄
FRY 22RT Antracite Rettificato

02
1075



60x60 - 23⁵/₈x23⁵/₈
FRY 20RT Antracite Rettificato

03
1065



30x30 - 11¹³/₁₆x11¹³/₁₆
FRY 225N Mosaico 5x5
Antracite

10
3115



30x60 - 11¹³/₁₆x23⁵/₈
FRY 226N Muretto Antracite

04
3130



30x60 - 11¹³/₁₆x23⁵/₈
FRY 26RT Antracite Rettificato

07
1035

OUT WALK

80x80 - 31¹/₂x31¹/₂
FRY 27RT Antracite 20MM Rettificato

01
1120

- DIN 51130
- R11
- DIN 51097
- A+B+C
- BCR
- DRY > 0.40
WET > 0.40
- DCOF
- WET ≥ 0.42
- MOHS
- < 130 mm³
- H 20 mm
- ≥ 8



80x80 - 31¹/₂x31¹/₂
FRY 28RT Antracite Rettificato

02
1075

01 670 Gradino Elle Rett. 33x120x4 FRG G21K	01 676 Angolo DX Rett. 33x120x4 FRG G22K	01 676 Angolo SX Rett. 33x120x4 FRG G25K	15 170 Battiscopa 7x60 FRG B20K	08 200 Battiscopa 7x80 FRG B28K

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

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

40x80 FRY G23K	33x80x6,5 FRY G28K	40x80 FRY W21K	40x80 FRY W22K	40x80 FRY W24K	20x80 FRY W25K	20x80 FRY W26K	20x80 FRY W27K

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



cm. 80x80
 inch. 31¹/₂x31¹/₂

cm. 60x120 cm. 60x60 cm. 30x60
 inch. 23⁵/₈x47¹/₄ inch. 23⁵/₈x23⁵/₈ inch. 11¹³/₁₆x23⁵/₈



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+B	DRY > 0.40 WET > 0.40	WET ≥ 0.42	< 175 mm ³	≥ 5	4	5	



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

02
1075



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

03
1065



60x120 - 23⁵/₈x47¹/₄
FRY 92RT Nero Rettificato

02
1075



60x60 - 23⁵/₈x23⁵/₈
FRY 90RT Nero Rettificato

03
1065



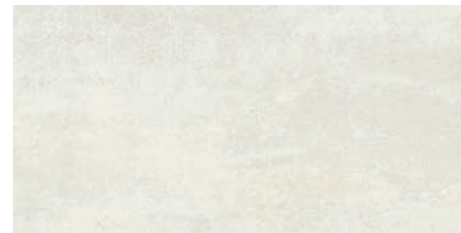
30x30 - 11¹³/₁₆x11¹³/₁₆
FRY 885N Mosaico 5x5
Bianco

10
3115



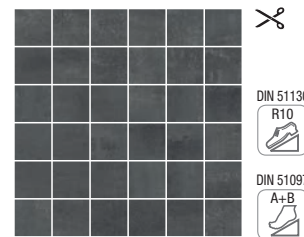
30x60 - 11¹³/₁₆x23⁵/₈
FRY 886N Muretto Bianco

04
3130



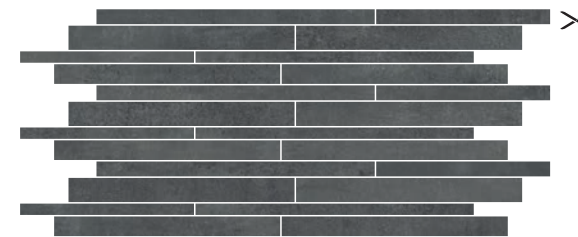
30x60 - 11¹³/₁₆x23⁵/₈
FRY 86RT Bianco Rettificato

07
1035



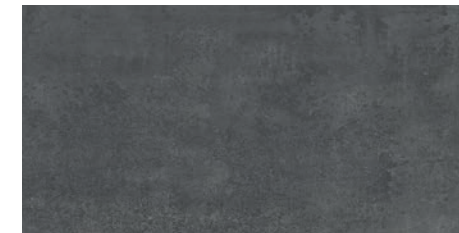
30x30 - 11¹³/₁₆x11¹³/₁₆
FRY 995N Mosaico 5x5
Nero

10
3115



30x60 - 11¹³/₁₆x23⁵/₈
FRY 996N Muretto Nero

04
3130



30x60 - 11¹³/₁₆x23⁵/₈
FRY 96RT Nero Rettificato

07
1035



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

02
1075



80x80 - 31¹/₂x31¹/₂
FRY 98RT Nero Rettificato

02
1075

01 670	01 676	01 676	15 170	08 200
Gradino Elle Rett. 33x120x4 FRG G81K	Angolo DX Rett. 33x120x4 FRG G82K	Angolo SX Rett. 33x120x4 FRG G85K	Battiscopa 7x60 FRG B80K	Battiscopa 7x80 FRG B88K

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

01 670	01 676	01 676	15 170	08 200
Gradino Elle Rett. 33x120x4 FRG G91K	Angolo DX Rett. 33x120x4 FRG G92K	Angolo SX Rett. 33x120x4 FRG G95K	Battiscopa 7x60 FRG B90K	Battiscopa 7x80 FRG B98K

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

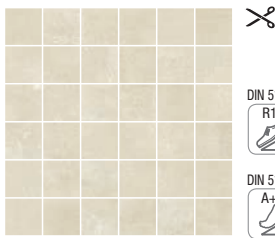
10,5 mm cm. 80x80 inch. 31¹/₂x31¹/₂ | 10 mm cm. 60x120 inch. 23⁵/₈x47¹/₄ | cm. 60x60 inch. 23⁵/₈x23⁵/₈ | cm. 30x60 inch. 11¹³/₁₆x23⁵/₈



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

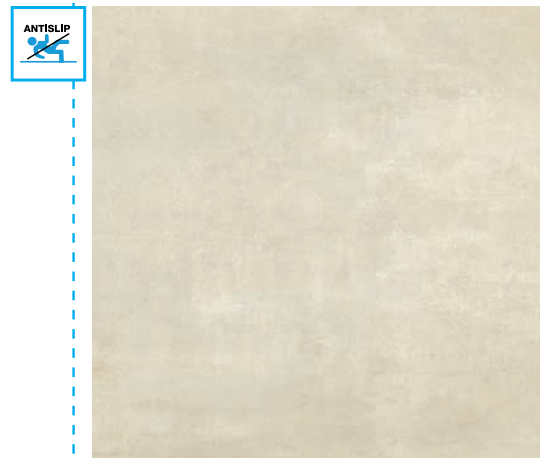


30x60 - 11¹³/₁₆x23⁵/₈ FRY 46RT Beige Rettificato 07 | 1035



80x80 - 31¹/₂x31¹/₂ FRY 48RT Beige Rettificato 02 | 1075

01 670 Gradino Elle Rett. 33x120x4 FRG G41K	01 676 Angolo DX Rett. 33x120x4 FRG G42K	01 676 Angolo SX Rett. 33x120x4 FRG G45K	15 170 Battiscopa 7x60 FRG B40K	08 200 Battiscopa 7x80 FRG B48K
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60x60 - 23⁵/₈x23⁵/₈ FRY 41RT Beige Antislip Rettificato 03 | 1070

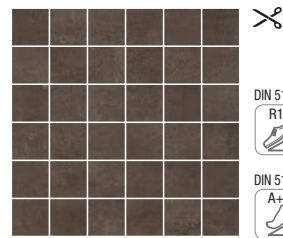


30x60 - 11¹³/₁₆x23⁵/₈ FRY 45RT Beige Antislip Rettificato 07 | 1040

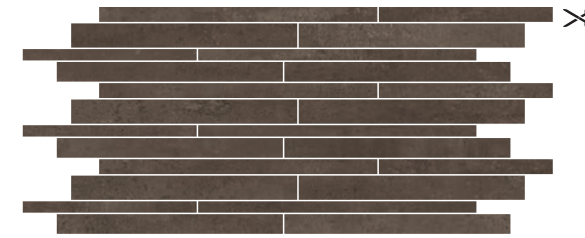
TECHNICAL	DIN 51130	DIN 51097	BCR	ANSI DCOF	Deep Abrasion Resistance	MOHS	Recommended Use	Resistance to Staining	ANSI A 137.1
N	R10	A+B	DRY > 0.40 WET > 0.40	WET ≥ 0.42	< 175 mm ³	≥ 5	4	5	
ANTI-SLIP	R11	A+B+C	DRY > 0.40 WET > 0.40	WET ≥ 0.42	< 175 mm ³	≥ 7	5	5	V3



60x60 - 23⁵/₈x23⁵/₈ FRY 60RT Brown Rettificato 03 | 1065



30x30 - 11¹³/₁₆x11¹³/₁₆ FRY 665N Mosaico 5x5 Brown 10 | 3115



30x60 - 11¹³/₁₆x23⁵/₈ FRY 666N Muretto Brown 04 | 3130




30x60 - 11¹³/₁₆x23⁵/₈ FRY 66RT Brown Rettificato 07 | 1035

15 170 Battiscopa 7x60 FRG B60K
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DATI TECNICI /

Technical features / Technische eigenschaften / Caracteristiques techniques

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 Juds	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




OXY NATURALE

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

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



OXY 20MM

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

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




OXY ANTISLIP

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
TECHNICAL DATA 20 MM	$\geq U11$ (for square slabs)	$\leq 0,03\%$	R11	A+B+C	wet ≥ 50 dry ≥ 55	≥ 8	≥ 50 N/mm ²	≥ 12.000 N	≥ 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

DATI TECNICI /

Technical features / Technische eigenschaften / Caracteristiques techniques

The International reference standards: ANSI - ASTM **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

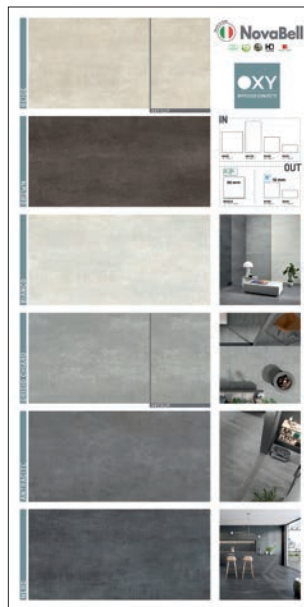
Test methods	Requirements and references	Our general values
Determination of anti-slip properties - Workrooms and fields of activities with raised slip danger, walking method-Ramp test (DIN 51130)-Germany	BGR / ASR From R9 to R13	R 10
Determination of anti - slip properties. Wet-loaded barefoot areas - Walking method - Ramp test (DIN 51097) - Germany	GUV-I 8527 A - B - C	A + B
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

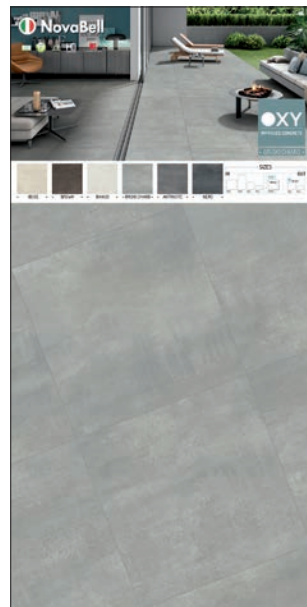
 Die Tabelle in deutscher Sprache kann auf www.novabell.it heruntergeladen werden.



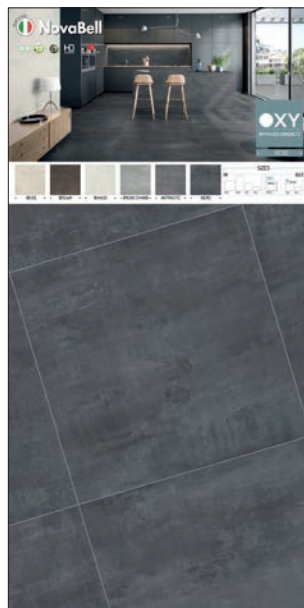
PG FRY FT



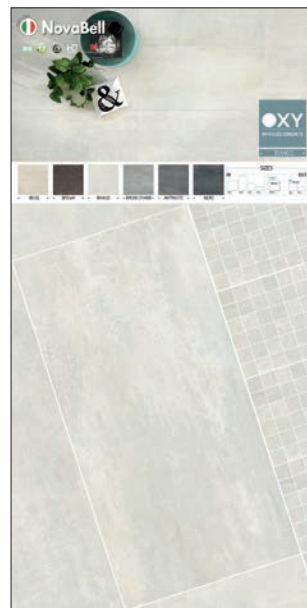
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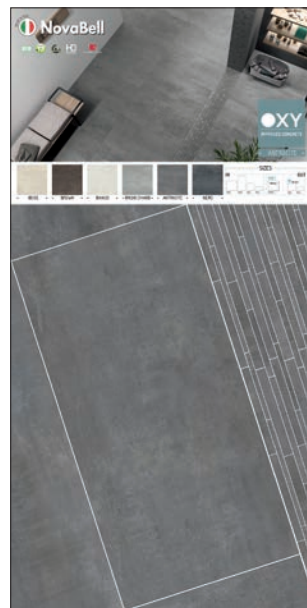
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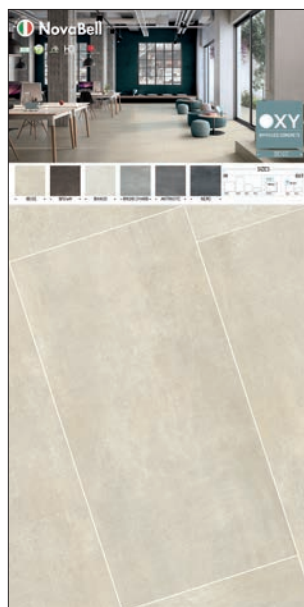
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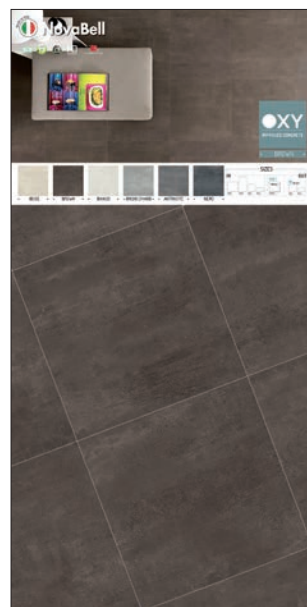
BIANCO



ANTRACITE



BEIGE



BROWN

MERCHANDISING



SCAFRY6



SCAFRY8

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	27,9	40	51,200	1116	10,5
60x120	2	1,440	30,7	32	46,080	983	10
60x60	3	1,080	22,5	40	43,200	900	10
30x60	7	1,260	25,9	40	50,400	1036	10
80x80	1	0,640	28,8	40	25,600	1152	20



TECNOLOGIA, INNOVAZIONE
E RICERCA NOVABELL

IT - I laboratori di ricerca NovaBell hanno creato una nuova generazione di superfici, caratterizzate dalla innovativa tecnologia digitale ad alta definizione.

GB - The NovaBell research laboratories have created a new generation of surfaces, featuring innovative high-definition digital technology.

D - Die NovaBell Forschungs Labors 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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