




NovaBell[®]
Ceramiche Gruppo Bellei

A close-up of a light-colored wood surface with a wavy, concentric grain pattern and a small knot.

Alpin

A close-up of a light-colored wood surface with a straight grain and a prominent knot.

Landhaus

A close-up of a medium-brown wood surface with a straight grain and a small knot.

Natur

A close-up of a medium-brown wood surface with a wavy grain and several knots.

Scottish

A close-up of a dark, weathered wood surface with a wavy grain and a large knot.

Timber

Scottish _Living inside and outdoors.

FLOOR: Scottish Rettificato 30x120 - 11^{13/16}"x47^{1/4}" / Scottish Rettificato 20 mm 40x120 - 15^{3/4}"x47^{1/4}"
WALL: Scottish Rettificato 20 mm 40x120 - 15^{3/4}"x47^{1/4}"



FLOOR: Landhaus Rettificato 20x120 - 7^{7/8}"x47^{1/4}" / Landhaus Rettificato 20 mm 40x120 - 15^{3/4}"x47^{1/4}"

Surfaces with unique performances, water-repellent and immune to attack, generate a natural extension with the outdoor environment, perfecting the quality of life and living space.





FLOOR: Timber Rettificato 26x160 - 10^m1/4"x63"

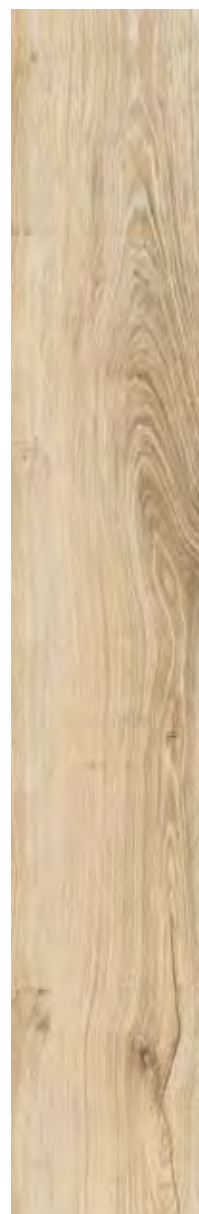
A photograph of a light-colored wooden floor with a prominent grain. In the upper right corner, there is a large, textured blue cushion. Below it, an open book lies flat, showing handwritten text on the left page and printed text on the right. To the right of the book is a white ceramic cup with a black base, containing a wooden spoon. The text "_Items" and "Eiche" is overlaid in the lower right area of the image.

_Items

Eiche



cm. 26x160
inch 10¹/₄x63"



26x160 - 10¹/₄x63"
ECH 46RT Landhaus Rett. **03**
1110



16x160 - 6⁵/₁₆x63"
ECH 44RT Landhaus Rett. **04**
1110



7x120 - 2³/₄x47¹/₄"
ECH B42K Battiscopa Landhaus Rettificato

04
290

 **cm. 30x120**
 inch 11¹³/₁₆x47¹/₄

 **cm. 20x120**
 inch 7⁷/₈x47¹/₄

 **cm. 40x120**
 inch 15³/₄x47¹/₄

 V3

 DCOF
 WET ≥ 0.42

 B.C.R.
 DRY > 0.40
 WET > 0.40

 R10

 DIN 51097
 A+B









TECHNICAL DATA
NATURAL



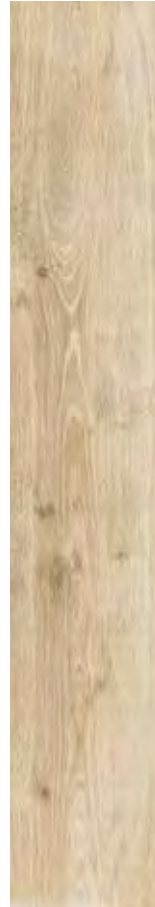
30x120 - 11¹³/₁₆x47¹/₄
ECH 43RT Landhaus Rett.

 **03**
1095



20x120 - 7⁷/₈x47¹/₄
ECH 41RT Landhaus Rett.

 **04**
1095



20x120 - 7⁷/₈x47¹/₄
ECH 47AS Landhaus Antislip Rett.

 **04**
1100



TECHNICAL DATA
ANTISLIP



Wet ≥ 0.42



A+B+C



R11



Dry > 0.40
Wet > 0.40



40x120 - 15³/₄x47¹/₄
ECH 42RT Landhaus Rettificato 20mm

 **01**
1115



TECHNICAL DATA
20MM



Wet ≥ 0.42



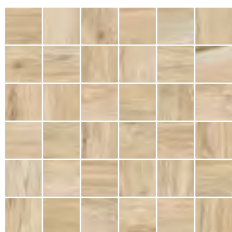
A+B+C



R11

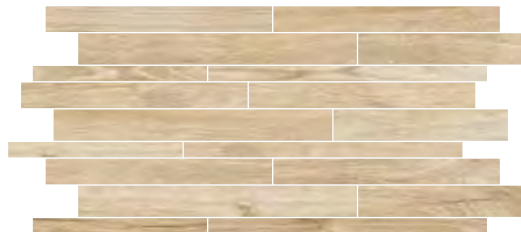


Dry > 0.40
Wet > 0.40



30x30 - 11¹³/₁₆x11¹³/₁₆
ECH 445K Mos. 5x5 Landhaus

 **10**
3115



30x60 - 11¹³/₁₆x23⁵/₈
ECH 446K Mattoncino Landhaus

 **04**
3130



30x40 - 11¹³/₁₆x15³/₄
ECH 400K Mattoncino Multicolor

 **04**
3140





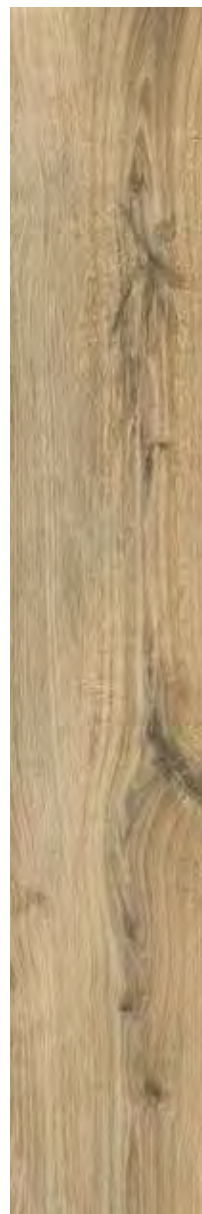
SCOTTISH



cm. 26x160
inch 10¹/₄x63"



cm. 16x160
inch 6⁵/₁₆x63"



26x160 - 10¹/₄x63"
ECH 56RT Scottish Rett.

03
1110



16x160 - 6⁵/₁₆x63"
ECH 54RT Scottish Rett.

04
1110



7x120 - 2³/₄x47¹/₄"
ECH B52K Battiscopa Scottish Rettificato

04
290



 **cm. 30x120**
 inch 11¹³/₁₆x47¹/₄

 **cm. 20x120**
 inch 7⁷/₈x47¹/₄

 **cm. 40x120**
 inch 15³/₄x47¹/₄

 V3

 DCOF
 WET ≥ 0.42

 B.C.R.
 DRY > 0.40
 WET > 0.40

 R10

 DIN 51097
 A+B









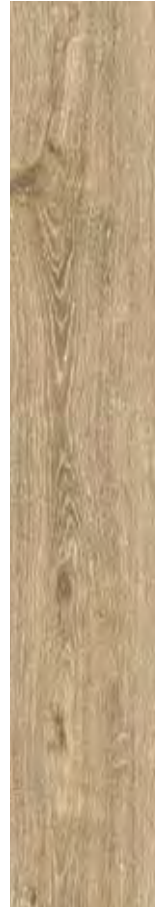
TECHNICAL DATA
NATURAL



30x120 - 11¹³/₁₆x47¹/₄
ECH 53RT Scottish Rett.
 



20x120 - 7⁷/₈x47¹/₄
ECH 51RT Scottish Rett.
 



20x120 - 7⁷/₈x47¹/₄
ECH 57AS Scottish Antislip Rett.
 



TECHNICAL DATA
ANTISLIP



Wet ≥ 0.42



A+B+C



R11



Dry > 0.40
Wet > 0.40



40x120 - 15³/₄x47¹/₄
ECH 52RT Scottish Rettificato 20mm
 



TECHNICAL DATA
20MM



Wet ≥ 0.42



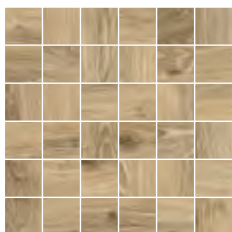
A+B+C



R11



Dry > 0.40
Wet > 0.40



30x30 - 11¹³/₁₆x11¹³/₁₆
ECH 555K Mos. 5x5 Scottish
 



R10



30x60 - 11¹³/₁₆x23⁵/₈
ECH 556K Mattoncino Scottish
 



30x40 - 11¹³/₁₆x15³/₄
ECH 400K Mattoncino Multicolor
 



R10

3115

3130

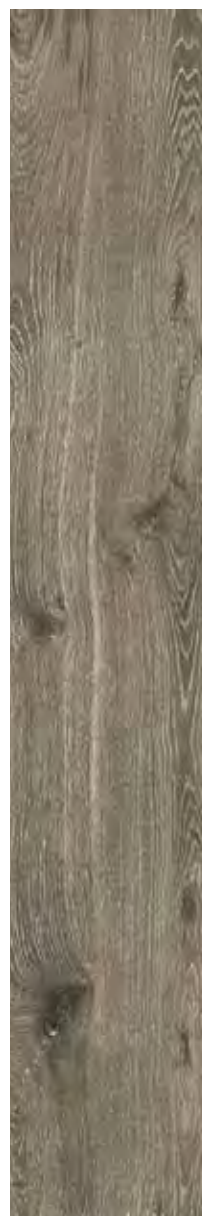
3140



cm. 26x160
inch 10¹/₄x63"



cm. 16x160
inch 6⁵/₁₆x63"



26x160 - 10¹/₄x63"
ECH 66RT Timber Rett.

03
1110



16x160 - 6⁵/₁₆x63"
ECH 64RT Timber Rett.

04
1110



7x120 - 2³/₄x47¹/₄"
ECH B62K Battiscopa Timber Rettificato

04
290


cm. 30x120
 inch 11¹³/₁₆x47¹/₄


cm. 20x120
 inch 7⁷/₈x47¹/₄


cm. 40x120
 inch 15³/₄x47¹/₄









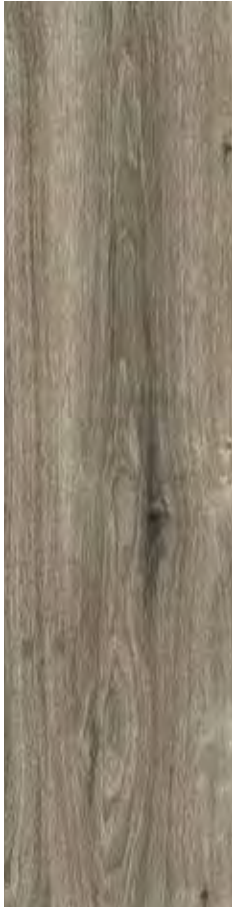

DCOF
WET ≥ 0.42

B.C.R.
DRY > 0.40
WET > 0.40

DIN 51097
A+B



TECHNICAL DATA
NATURAL



30x120 - 11¹³/₁₆x47¹/₄
ECH 63RT Timber Rett.



20x120 - 7⁷/₈x47¹/₄
ECH 61RT Timber Rett.



20x120 - 7⁷/₈x47¹/₄
ECH 67AS Timber Antislip Rett.



TECHNICAL DATA
ANTISLIP



Wet ≥ 0.42



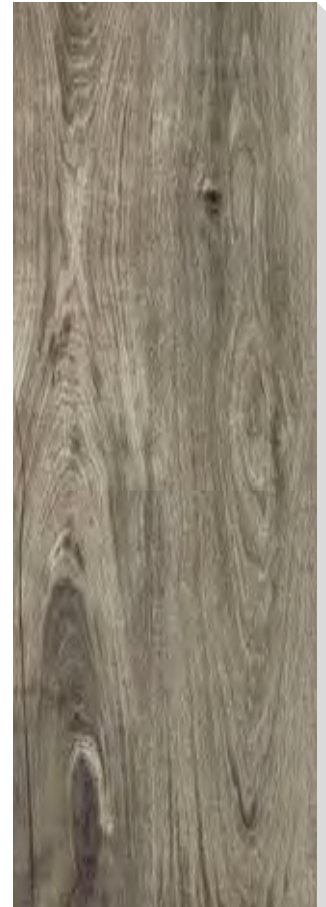
A+B+C



R11



Dry > 0.40
Wet > 0.40



40x120 - 15³/₄x47¹/₄
ECH 62RT Timber Rettificato 20mm



TECHNICAL DATA
20MM



Wet ≥ 0.42



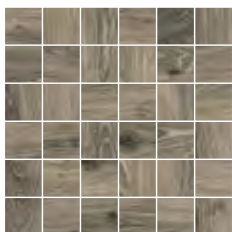
A+B+C



R11



Dry > 0.40
Wet > 0.40



30x30 - 11¹³/₁₆x11¹³/₁₆
ECH 665K Mos. 5x5 Timber



10
3115



30x60 - 11¹³/₁₆x23⁵/₈
ECH 666K Mattoncino Timber



04
3130



30x40 - 11¹³/₁₆x15³/₄
ECH 400K Mattoncino Multicolor



04
3140



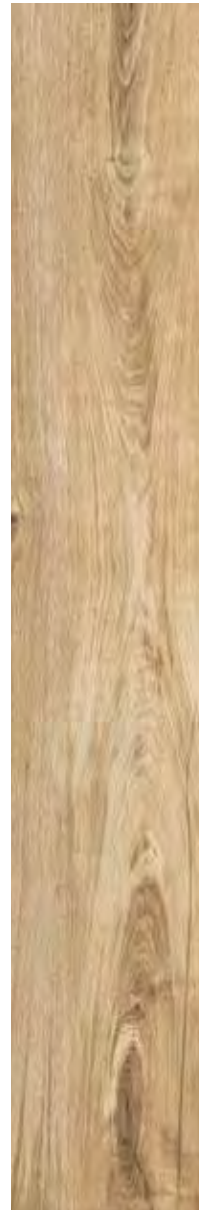
NATUR



cm. 26x160
inch 10¹/₄x63"



cm. 16x160
inch 6⁵/₁₆x63"



26x160 - 10¹/₄x63"
ECH 36RT Natur Rett.

03
1110



16x160 - 6⁵/₁₆x63"
ECH 34RT Natur Rett.

04
1110



7x120 - 2³/₄x47¹/₄"
ECH B32K Battiscopa Natur Rettificato

04
290



 **cm. 30x120**
inch 11¹³/₁₆x47¹/₄

 **cm. 20x120**
inch 7⁷/₈x47¹/₄

 **cm. 40x120**
inch 15³/₄x47¹/₄

 V3

 DCOF
WET ≥ 0.42

 B.C.R.
DRY > 0.40
WET > 0.40

 R10

 DIN 51097
A+B

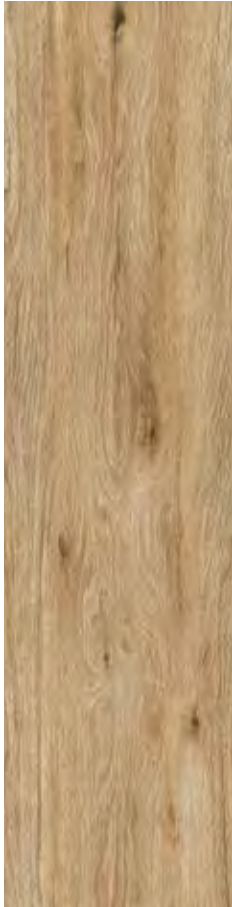








TECHNICAL DATA
NATURAL



30x120 - 11¹³/₁₆x47¹/₄
ECH 33RT Natur Rett. 



20x120 - 7⁷/₈x47¹/₄
ECH 31RT Natur Rett. 



20x120 - 7⁷/₈x47¹/₄
ECH 37AS Natur Antislip Rett. 



TECHNICAL DATA
ANTISLIP



Wet ≥ 0.42



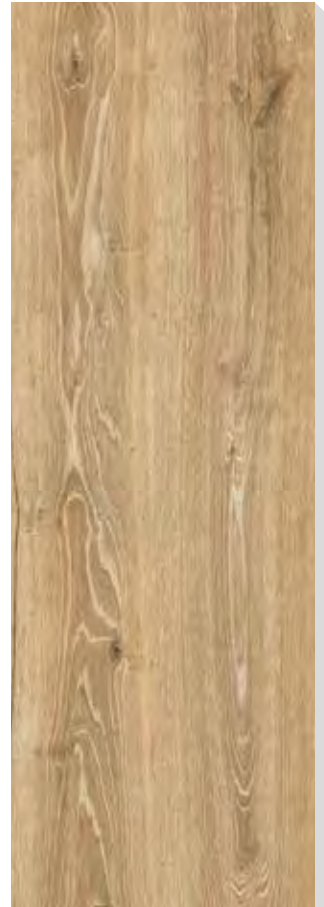
A+B+C



R11



Dry > 0.40
Wet > 0.40



40x120 - 15³/₄x47¹/₄
ECH 32RT Natur Rettificato 20mm 



TECHNICAL DATA
20MM



Wet ≥ 0.42



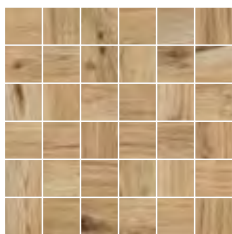
A+B+C



R11



Dry > 0.40
Wet > 0.40



30x30 - 11¹³/₁₆x11¹³/₁₆
ECH 335K Mos. 5x5 Natur 



A+B



R10



30x60 - 11¹³/₁₆x23⁵/₈
ECH 336K Mattoncino Natur 



30x40 - 11¹³/₁₆x15³/₄
ECH 400K Mattoncino Multicolor 



A+B



R10

3130

3140



ALPIN



cm. 26x160
inch 10¹/₄x63"



cm. 16x160
inch 6⁵/₁₆x63"



26x160 - 10¹/₄x63"
ECH 86RT Alpin Rett.

03
1110



16x160 - 6⁵/₁₆x63"
ECH 84RT Alpin Rett.

04
1110



7x120 - 2³/₄x47¹/₄"
ECH B82K Battiscopa Alpin Rettificato

04
290



 **cm. 30x120**
inch 11¹³/₁₆x47¹/₄

 **cm. 20x120**
inch 7⁷/₈x47¹/₄

 V3

 DCOF
WET ≥ 0.42

 B.C.R.
DRY > 0.40
WET > 0.40

 R10

 DIN 51097
A+B









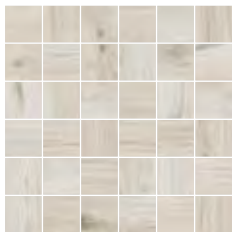
TECHNICAL DATA
NATURAL



30x120 - 11¹³/₁₆x47¹/₄"
ECH 83RT Alpin Rett. 



20x120 - 7⁷/₈x47¹/₄"
ECH 81RT Alpin Rett. 

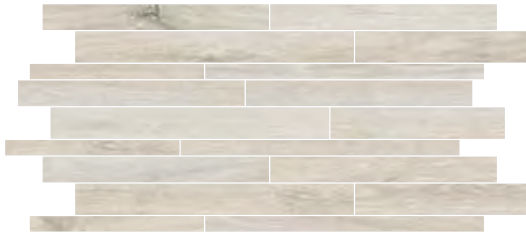


30x30 - 11¹³/₁₆x11¹³/₁₆"
ECH 885K Mos. 5x5 Alpin 



 DIN 51097
A+B

 DIN 51130
R10



30x60 - 11¹³/₁₆x23⁵/₈"
ECH 886K Mattoncino Alpin 

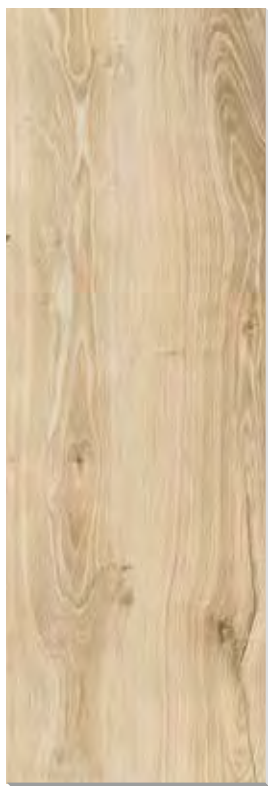


30x40 - 11¹³/₁₆x15³/₄"
ECH 400K Mattoncino Multicolor 





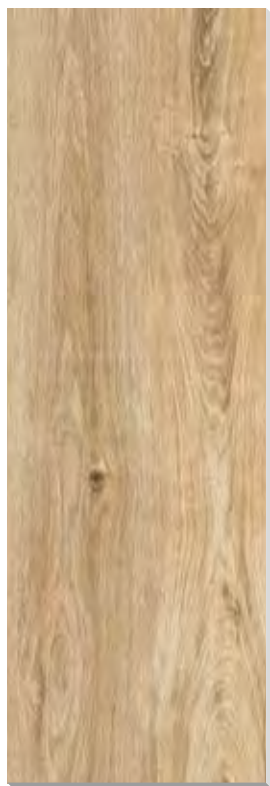
20 mm cm. 40x120
inch 15³/₄x47¹/₄



20 mm

40x120 - 15³/₄x47¹/₄
ECH 42RT Landhaus Rett. 20mm

01
1115



20 mm

40x120 - 15³/₄x47¹/₄
ECH 32RT Natur Rett. 20mm

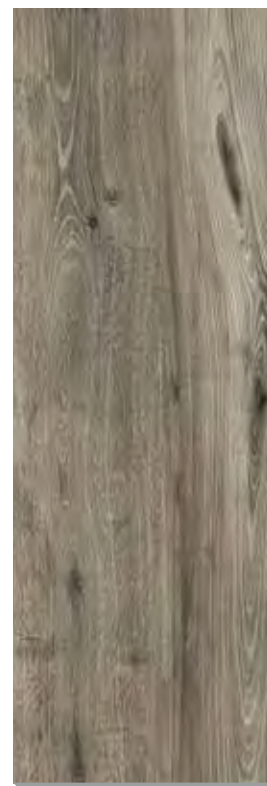
01
1115



20 mm

40x120 - 15³/₄x47¹/₄
ECH 52RT Scottish Rett. 20mm

01
1115



20 mm

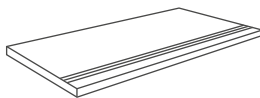
40x120 - 15³/₄x47¹/₄
ECH 62RT Timber Rett. 20mm

01
1115

PEZZI SPECIALI WELLNESS ON DEMAND*

2 0 M M

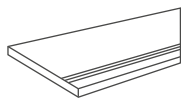
Special coordinated pieces / Zusammenstellbare Formteile / Pièces spéciales coordonnées / Piezas especiales coordinad / Специальные сочетающиеся изделия



Bordo Antiderap Rettificato
40x60

02
570

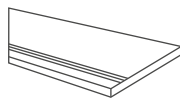
ECH W31R Natur
ECH W41R Landhaus
ECH W51R Scottish
ECH W61R Timber



Bordo Angolo SX Rettificato
40x60

02
632

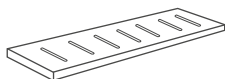
ECH W32R Natur
ECH W42R Landhaus
ECH W52R Scottish
ECH W62R Timber



Bordo Angolo DX Rettificato
40x60

02
632

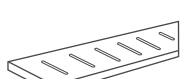
ECH W34R Natur
ECH W44R Landhaus
ECH W54R Scottish
ECH W64R Timber



Griglia Rettificato
20x60

02
610

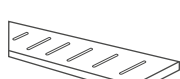
ECH W35R Natur
ECH W45R Landhaus
ECH W55R Scottish
ECH W65R Timber



Griglia Angolo SX
20x60

02
610

ECH W36R Natur
ECH W46R Landhaus
ECH W56R Scottish
ECH W66R Timber



Griglia Angolo DX
20x60

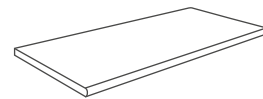
02
610

ECH W37R Natur
ECH W47R Landhaus
ECH W57R Scottish
ECH W67R Timber

PEZZI SPECIALI ON DEMAND*

2 0 M M

Special coordinated pieces / Zusammenstellbare Formteile / Pièces spéciales coordonnées / Piezas especiales coordinad / Специальные сочетающиеся изделия



Toro Gradino Rettificato
40x120

01
674

ECH G3RT Natur
ECH G4RT Landhaus
ECH G5RT Scottish
ECH G6RT Timber

* I pezzi speciali "on demand" vengono realizzati solo su richiesta con consegna 6 settimane. / Special "on demand" pieces are available only on request and have a 6-week lead-time. / Die Formteile „On Demand“ werden nur auf Anfrage mit einer Lieferfrist von 6 Wochen gefertigt. / Les pièces spéciales On Demand sont réalisées uniquement sur demande. Délai de livraison: 6 semaines. / Las piezas especiales "on demand" se fabricarán únicamente bajo pedido y se entregarán al cabo de seis semanas. / Специальные изделия "on demand" выпускаются только по заказу, срок поставки составляет 6 недель.

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 $\leq 0,5\%$
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
NovaBell classification of abrasion resistance	(see Annex N)	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)	$\geq 0.42^{(1)}$	$DCOF \geq 0.42$
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

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



**EICHE
NATURALE**

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

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

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



**EICHE
ANTISLIP**

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

 Utilizar el **QR CODE** para descargar las fichas técnicas

 Используйте QR-код для скачивания технических характеристик



**EICHE
20MM**



<http://www.ongreening.com/en/Manufacturers/Details/9483>

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%	Average value and individual maximum $< 0,5\%$
Classification	Definition § 3.2 and § 3.7	BI_A – Porcelain tiles
		Physical properties
Modulus of rupture - (ISO 10545-4)	Average $\geq 35 \text{ N/mm}^2$	$\geq 35 \text{ N/mm}^2$
Breaking strength - (ISO 10545-4)	Average $\geq 1300 \text{ N}$ for thickness $\geq 7,5 \text{ mm}$ Average $\geq 700 \text{ N}$ for thickness $< 7,5 \text{ mm}$	Complies
Abrasion resistance - (ISO 10545-7)	Abrasion class and cycles passed	Class 0 - 5
NovaBell classification of abrasion resistance	Annex N	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⁾	$\leq 0,2 \text{ mm/m}$
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 $< 0,01 \text{ mg/dm}^2$
		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 $\mu > 0,40$	$\mu > 0,40$
Scratch 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

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

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

 Descargue la tabla de datos técnicos en español, disponible en www.novabell.it

 Таблицу на русском языке с техническими данными можно скачать с сайта www.novabell.it

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