



GRANORTE
delivering nature

2019 - 2020

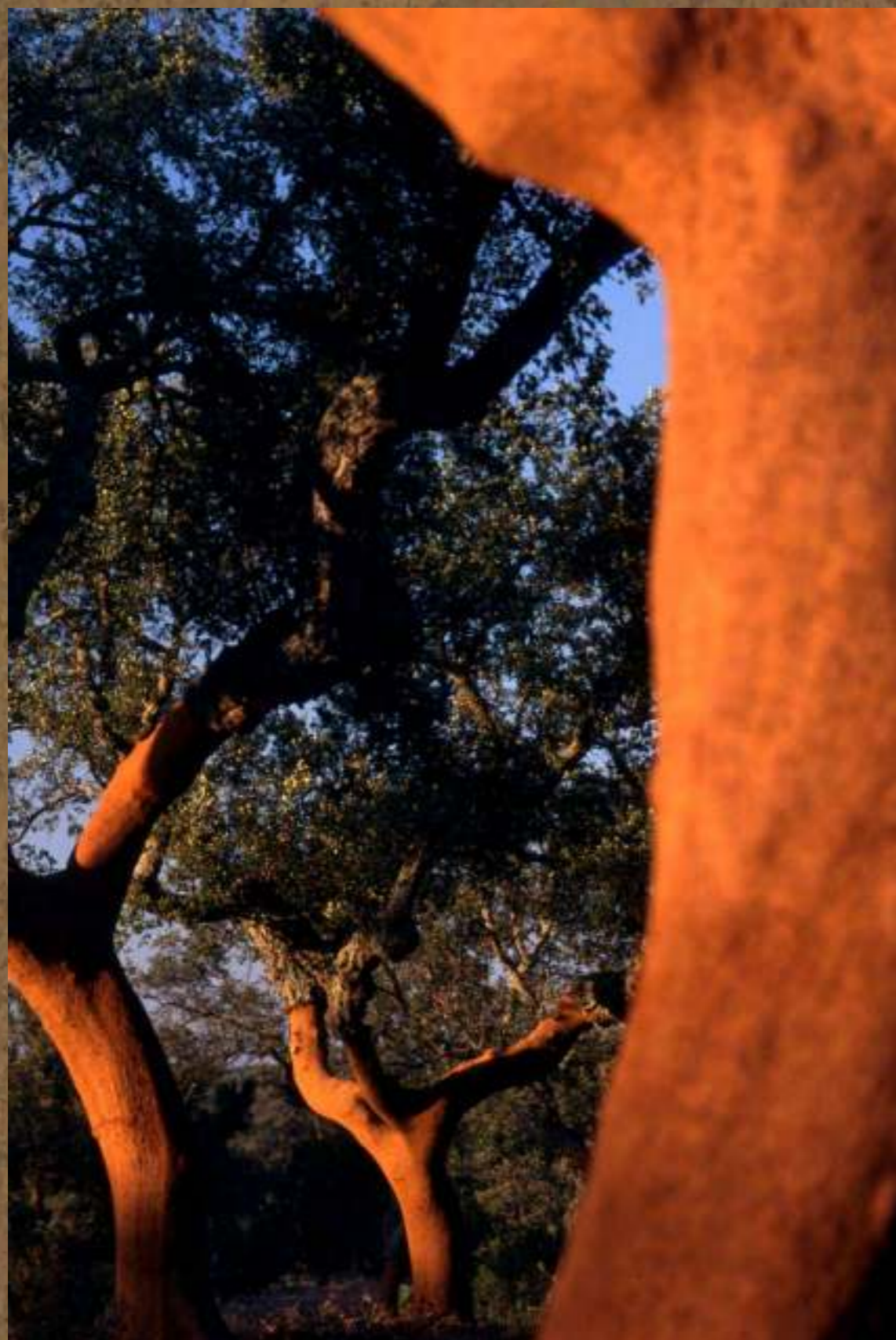


GRANORTE is a Portuguese family company, founded in 1972, with the aim of creating products in cork, using the remains from the wine cork stoppers manufacturing industry.

Historically, the Figueiredo da Rocha family owned five factories, being one of the most important producers of natural cork stoppers. Understanding the importance of creating value from the cork leftovers of their factories, the family founded GRANORTE and the horizons opened up to a new business.

Thanks to the continuous, forward-looking and passionate research, the company developed into an expanding producer of technical, creative and sustainable solutions using cork, being recognized over the years by important collaborations and international awards such as iF, Iconic Awards, Green Good Design and German Design Award.

Today, GRANORTE is a leading manufacturer of environmentally responsible products dedicated to building and interior design.



Cork is the outer bark of the cork oak tree, which grows in the Mediterranean region of the world. This tree has a life span of about 200 years and it must be 20 to 25 years old before it can provide its first harvest of cork. After extracting the cork a new layer starts generating and nine years have to pass until a new harvest can take place. The cork harvesting is made in a sustainable way and does not harm the tree which is never cut down or removed.

The cork oak remains the only tree whose bark can regenerate itself after harvest leaving the tree unharmed. Furthermore, the cork oak tree has the remarkable capacity to retain carbon and a harvested cork tree fixates almost five times more carbon. These exceptional characteristics make cork a naturally sustainable product and its use contributes to the preservation of the environment and a unique habitat in the world.

This noble, biodegradable and fully recyclable material has precious qualities like lightness, impermeability, resiliency, sound and thermal insulation, among others. Moreover, it has remarkable sensory and emotional characteristics: it is comfortable, warm and pleasant to the touch. Cork is the perfect environmentally friendly material and it is the ideal option for floor or wall coverings.



GRANORTE recognizes that business leadership carries a responsibility to the environment and the world's forests. We contribute to the development of environmental solutions that conserve, protect and restore forests, supporting responsible forest management practices that both protect biodiversity and ecosystem integrity and result in long-term social and economic benefits to human communities.

As a member of WWF's Global Forest & Trade Network and U.S. Green Building Council, we believe in a more sustainable built environment. We promote green building and we are committed to the use of cork and other sustainable sources, contributing to give people better, brighter and healthier spaces to live, work and play.



Naturals
Naturally green



Naturals Champagner Ash + Decodalle Primus Rustic Spring



02
910 x 300 x 10,5 mm
click installation



- 1 WEARTOP® Hard-wearing super matt finish
- 2 Natural cork decorative veneer
- 3 High-density natural cork composite
- 4 Moisture resistant HDF core board
- 5 Uniclic® click system for fast installation
- 6 All around JointShield® edge sealing
- 7 Integrated cork underlay for thermal and sound insulation, with Microban® antibacterial protection



WEARTOP high performance coating	HDFCORE moisture resistant HDF	UNICLIC click installation system	JOINT SHIELD edge sealing technology	AGGLOPURE no added formaldehyde	residential warranty 15 years	commercial warranty 5 years
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		MICROBAN PROTECTION THAT LIVES ON				
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FSC® certified products are available upon request.





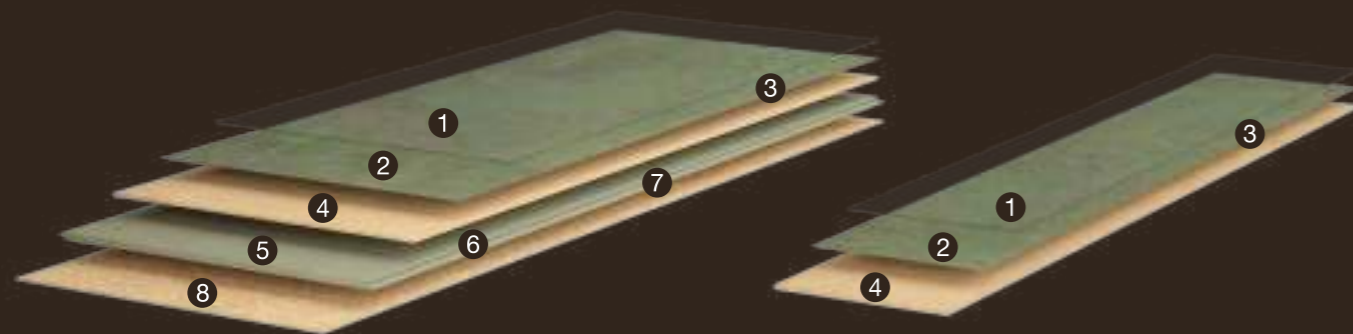
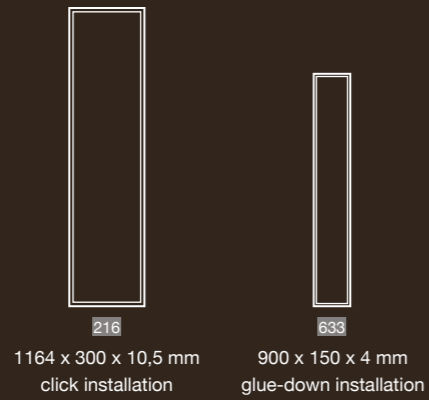
Recolour
Naturally vivid



Recolour Terracotta + Bebop

Recolour

Design by
Granorte Design Center



- 1 WEARPLUS® high performance PUR HotCoating® finished with 2 component waterborne lacquer
- 2 Natural cork decorative veneer
- 3 Micro-bevelled edges
- 4 High-density natural cork composite
- 5 Moisture resistant HDF core board
- 6 Uniclic® click system for fast installation
- 7 All around JointShield® edge sealing
- 8 Integrated cork underlay for thermal and sound insulation, with Microban® antibacterial protection

WEARPLUS high performance hotcoating	HDFCORE moisture resistant HDF	MICRO BEVEL 4 edges micro-beveled	UNICLIC click installation system	JOINT SHIELD edge sealing technology	AGGLOPURE no added formaldehyde	residential warranty 15 years	commercial warranty 5 years
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Pearl 216 111 018 · 633 111 018	Cream 216 111 011 · 633 111 011	Sand 216 111 014	Canvas 216 111 033
Greige 216 111 055	Ash 216 111 048 · 633 111 048	Slate Grey 216 111 052	Smoke 216 111 042 · 633 111 042
Desert 216 111 044	Havana 216 111 201 · 633 111 201	Earth 216 111 026	Mocha 216 111 027 · 633 111 027
Wheat 216 111 032	Saffron 216 111 604	Sunset 216 111 626 · 633 111 626	Terracotta 216 111 616 · 633 111 616
Old Rose 216 111 627	Blush 216 111 618 · 633 111 618	Lilac 216 111 617 · 633 111 617	Purple 216 111 610
Aqua 216 111 623	Mint 216 111 624 · 633 111 624	Spring 216 111 625 · 633 111 625	Forest 216 111 612
Sky 216 111 614	Turquoise 216 111 622	Dove Blue 216 111 620 · 633 111 620	BlueMoon 216 111 621 · 633 111 621

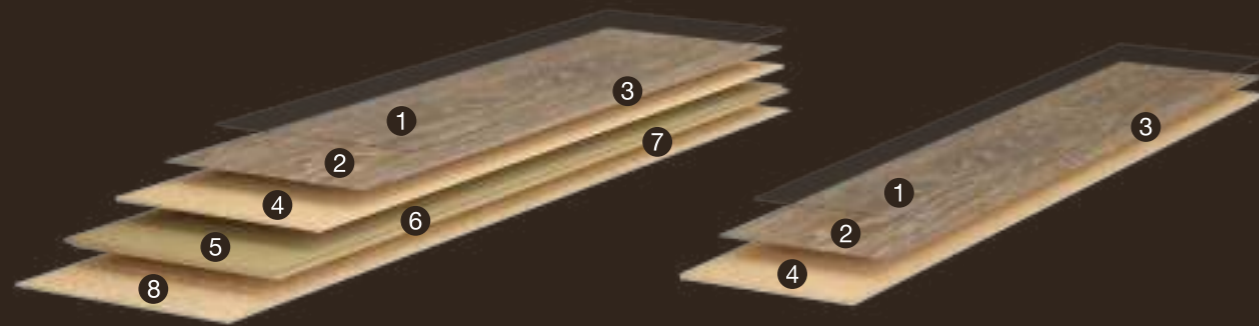
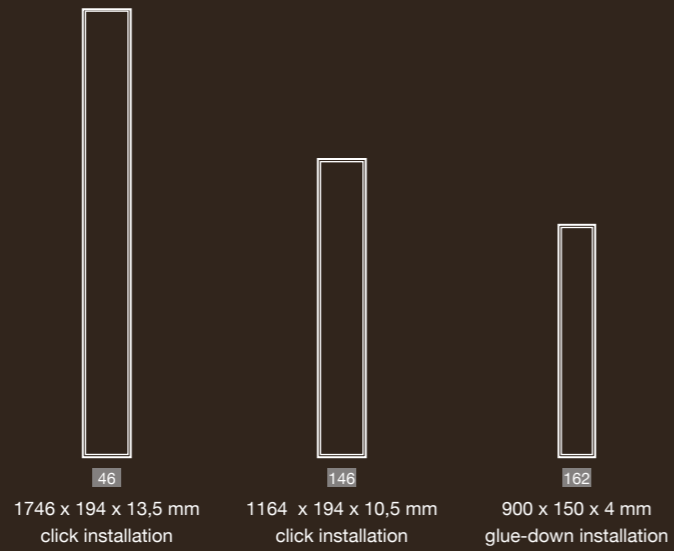


FSC® certified products are available upon request.



Vita Classic
Naturally pure





- 1 WEARPLUS® high performance PUR HotCoating® finished with 2 component waterborne top lacquer
- 2 Authentic look High Definition Digital Printing
- 3 Micro-bevelled edges
- 4 High-density natural cork composite
- 5 Moisture resistant HDF core board
- 6 Uniclic® click system for fast installation
- 7 All around JointShield® edge sealing
- 8 Integrated cork underlay for thermal and sound insulation, with Microban® antibacterial protection

WEARPLUS high performance hotcoating	HDDP high definition digital print	AWS authentic wood structure	MICRO BEVEL 4 edges micro-beveled	HDF CORE moisture resistant HDF	UNICLIC click installation system	AGGLOPURE no added formaldehyde	residential warranty 20 years	commercial warranty 10 years
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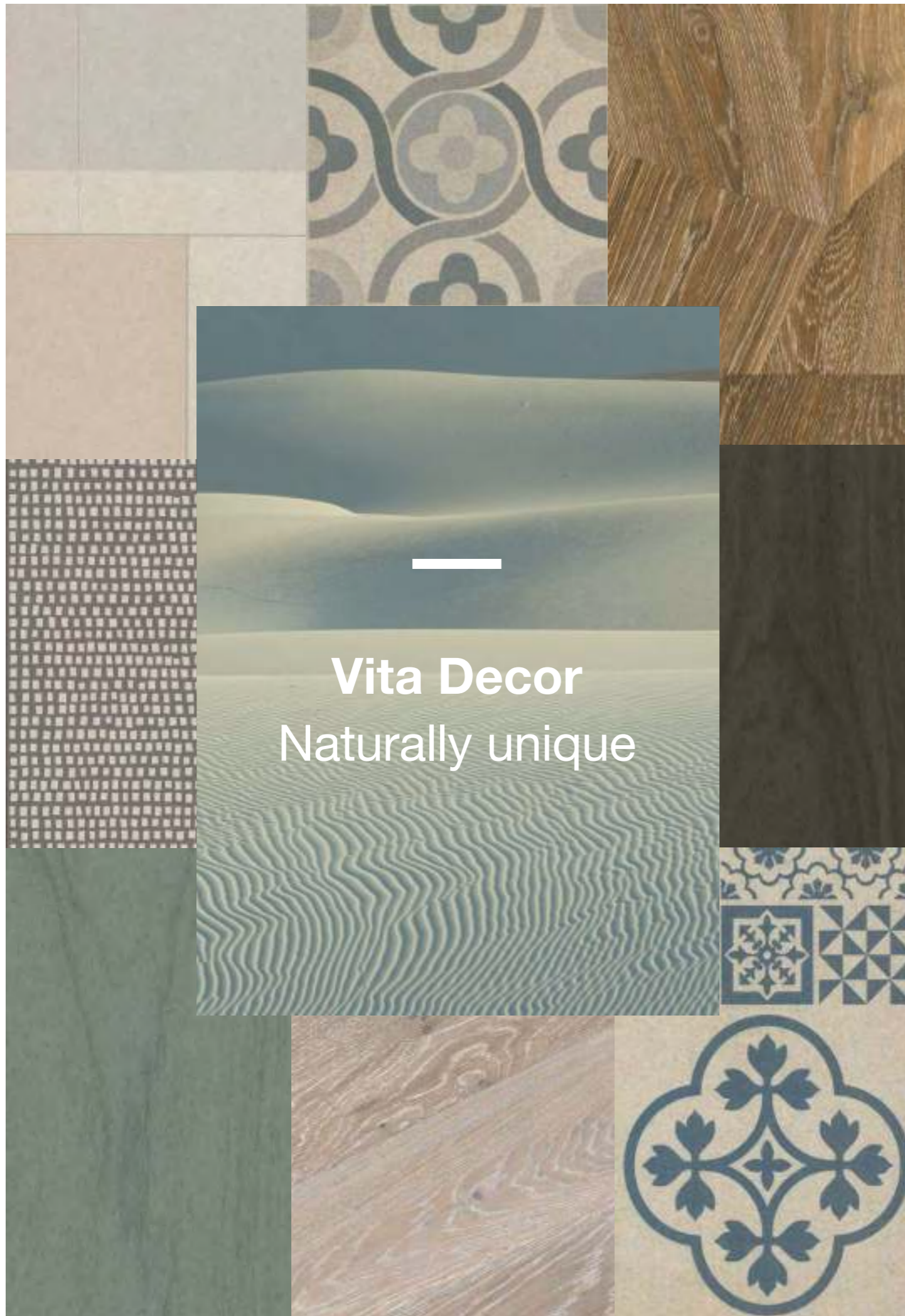




Vita Classic
Naturally pure







Vita Decor
Naturally unique



Vita Decor Retile Mondri Pale

Design by
Granorte Design Center

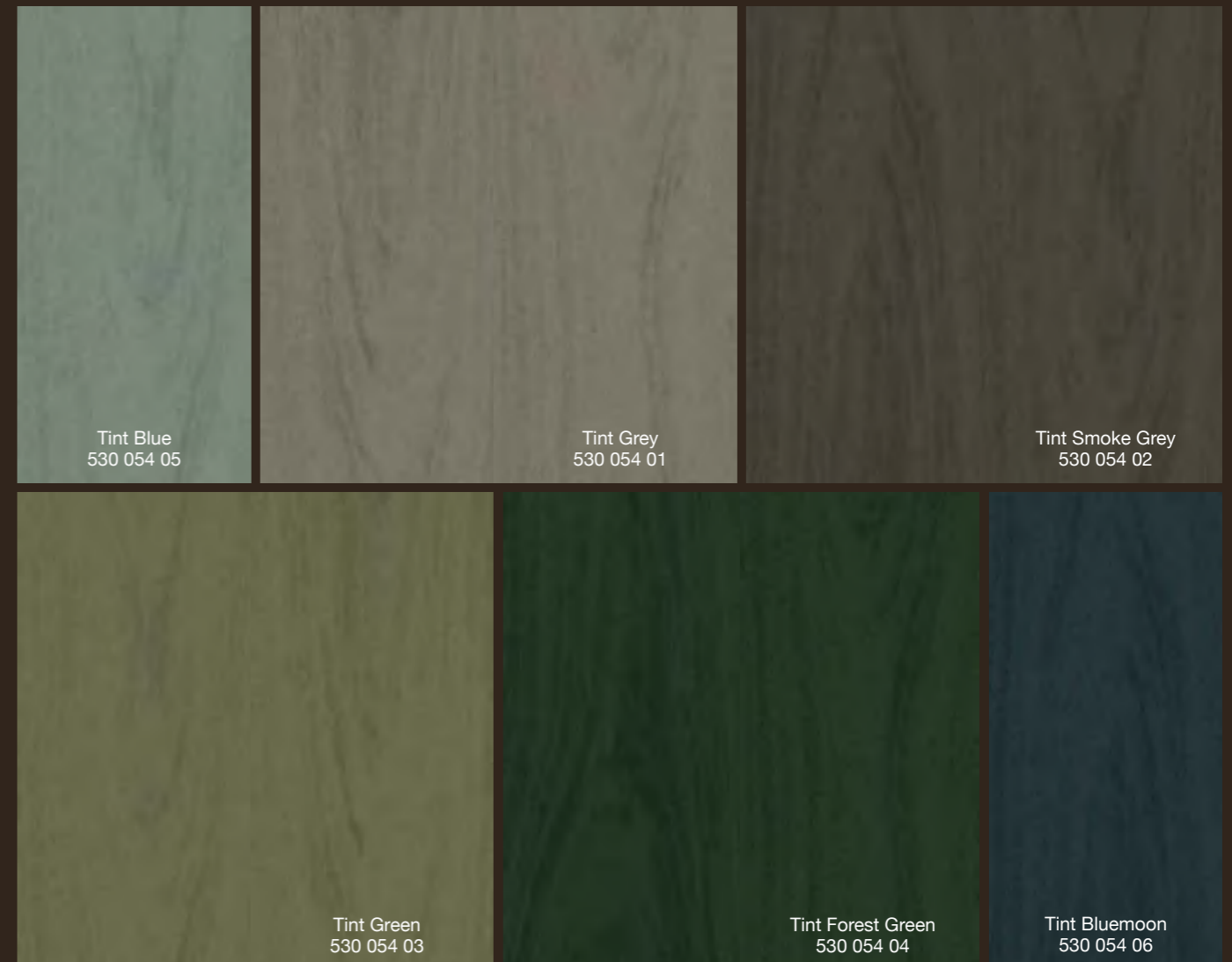


530
910 x 300 x 10,5 mm
click installation



- 1 WEARTOP® Hard-wearing super matt finish
- 2 High Definition Digital Printing
- 3 High-density natural cork composite
- 4 Moisture resistant HDF core board
- 5 Uniclic® click system for fast installation
- 6 All around JointShield® edge sealing
- 7 Integrated cork underlay for thermal and sound insulation, with Microban® antibacterial protection

WEARTOP high performance coating	HDDP high definition digital print	HDFCORE moisture resistant HDF	UNICLIC click installation system	JOINTSHIELD edge sealing technology	AGGLOPURE no added formaldehyde	residential warranty 15 years	commercial warranty 5 years
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Tint Blue
530 054 05

Tint Grey
530 054 01

Tint Smoke Grey
530 054 02

Tint Green
530 054 03

Tint Forest Green
530 054 04

Tint Bluemoon
530 054 06

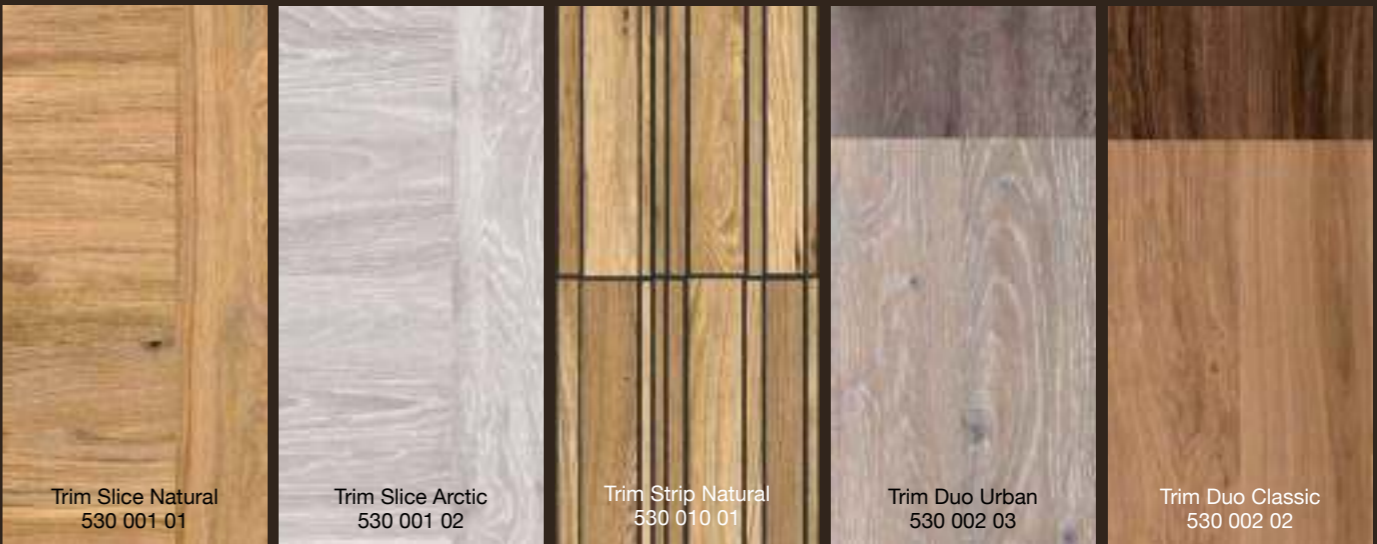
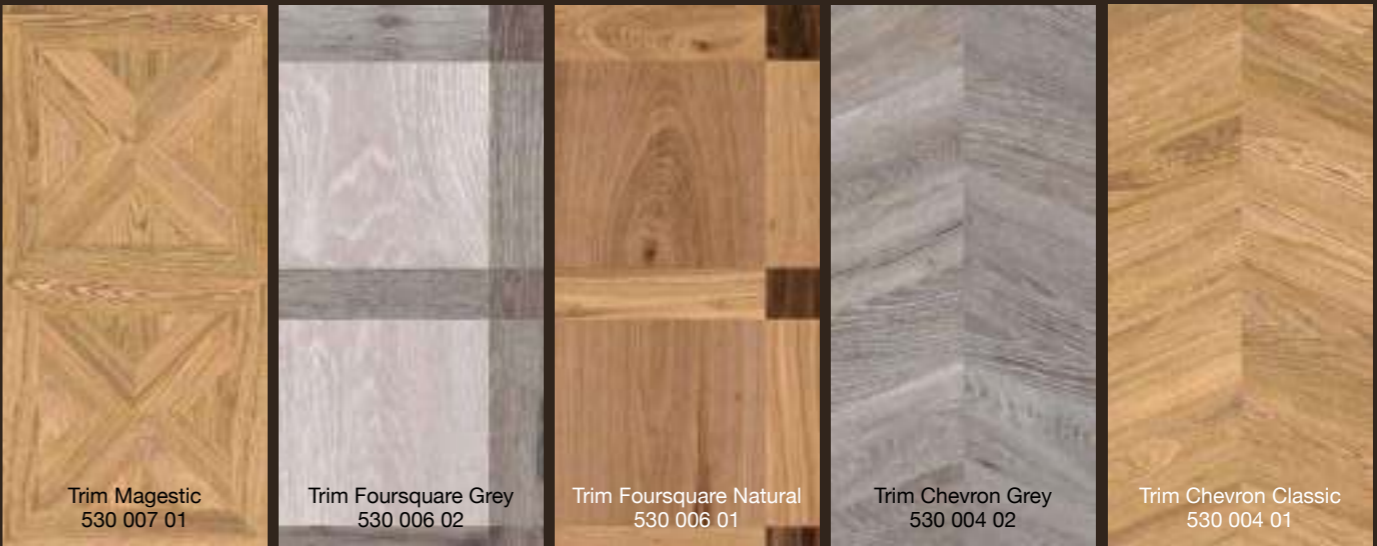


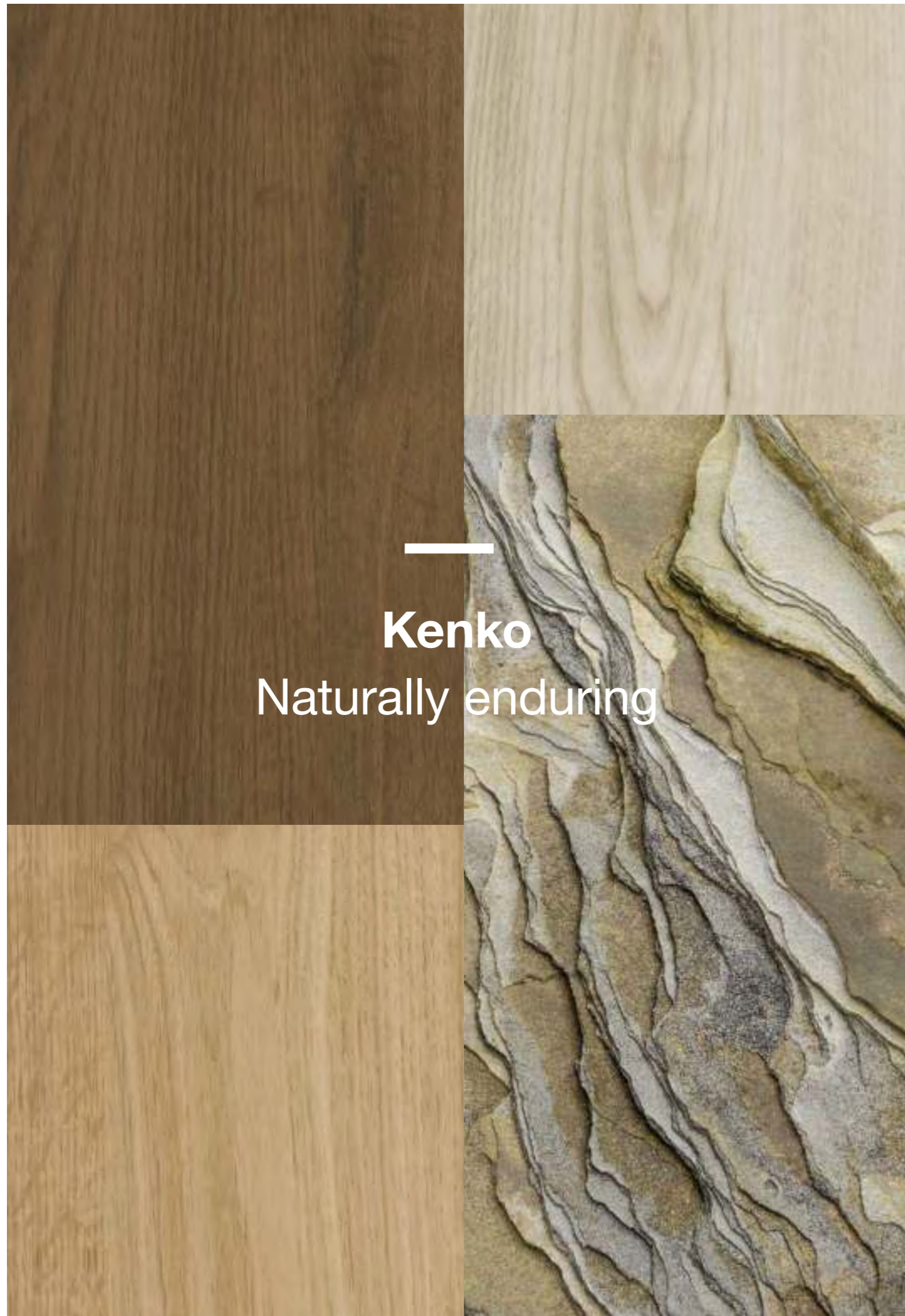
Design Printed Cork Floating Floors



"Mondri & Retail" Design by Carlos Mendonça & Alizira Peixoto
"Venice" Design by Marco Carrini







Kenko
Naturally enduring

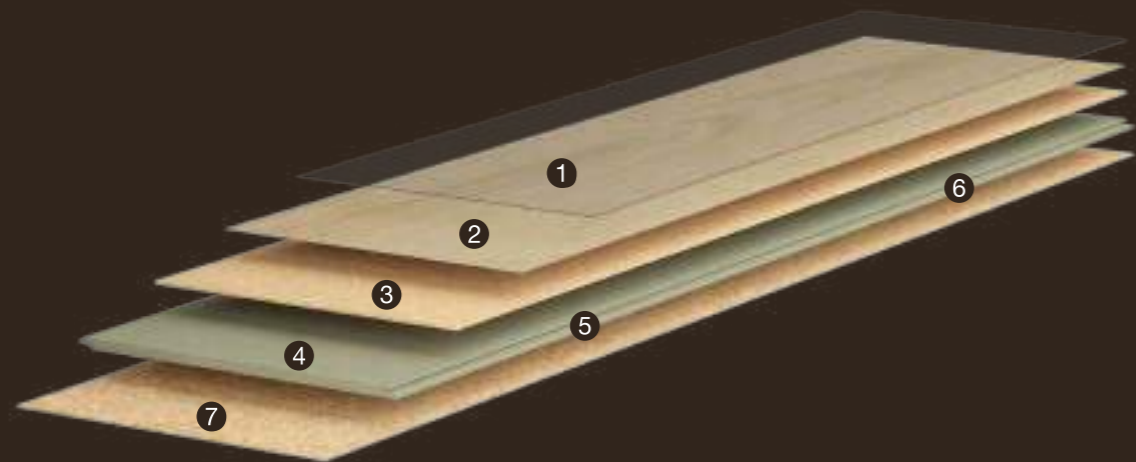


Kenko Ashland + Decodalle Parallel Grey

Kenko



29
1164 x 194 x 9 mm
click installation



- 1 Electron beam (EB) hardening technology finish
- 2 Innovative PVC-free polymer surface
- 3 High-density natural cork composite
- 4 Moisture resistant HDF core board
- 5 Uniclic® click system for fast installation
- 6 All around JointShield® edge sealing
- 7 Integrated cork underlay for thermal and sound insulation, with Microban® antibacterial protection



Saddle
29 004 96

Ivory
29 024 08

Ashland
29 024 09

Satin
29 008 39

Amber
29 023 54

Chestnut
29 008 40



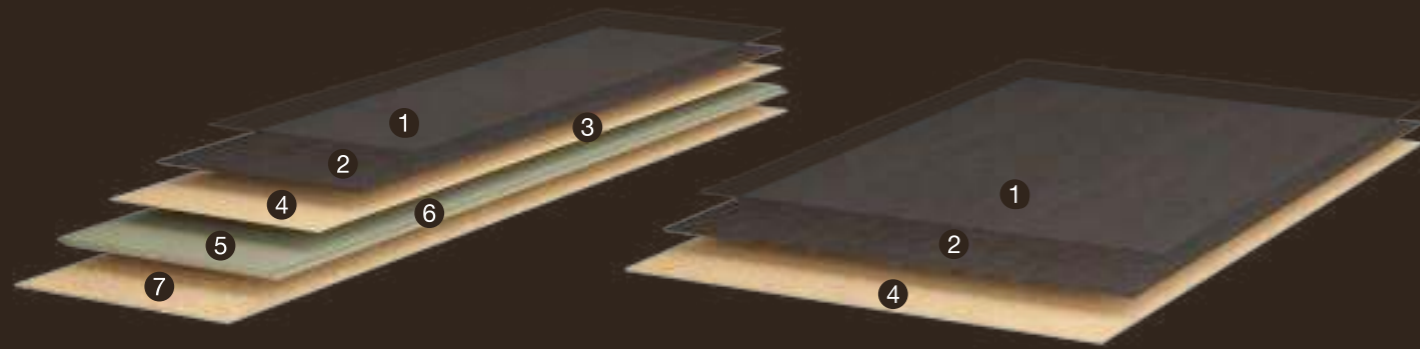
Corium
Naturally textured



1164 x 194 x 10,5 mm
click installation



600 x 450 x 4 mm
glue-down installation



- 1 High-quality AQUA2K+ 2 component waterborne finish
- 2 Genuine recycled leather 2 mm thickness
- 3 Micro-bevelled edges
- 4 Agglomerated cork for sound insulation
- 5 Moisture resistant HDF core board
- 6 Uniclic® click system for fast installation
- 7 Integrated cork underlay for thermal and sound insulation, with Microban® antibacterial protection

AQUA2K+ 2K waterborne finish	MICRO BEVEL 4 edges micro-beveled	HDFCORE+ moisture resistant HDF	UNICLIC click installation system	GLUE-DOWN glue-down installation	AGGLOPURE no added formaldehyde	residential warranty 15 years	commercial warranty 5 years
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Veneto Bistro
54 002 05 · 07 002 05

Veneto Borgogna
54 002 06 · 07 002 06

Veneto Seppia
54 002 11 · 07 002 11

Lombardia Marrone Scuro
54 011 29 · 07 011 29

Lombardia Antico
54 005 09 · 07 005 09

Calabria Cannella
54 001 04 · 07 001 04

Calabria Tan
54 014 30 · 07 014 30

Calabria Cacao
54 001 01 · 07 001 01

Umbria Castano
54 010 14 · 07 010 14

Umbria Seppia
54 007 11 · 07 007 11

Umbria Grigio Scuro
54 010 18 · 07 010 18

Umbria Ardesia
54 010 23 · 07 010 23



Tradition
Naturally quiet



Tradition Champagner + Decodalle Element Rustic White

Tradition



600 x 300 x 4 mm
glue-down installation



1 Natural cork decorative veneer 2 High-density agglomerated cork backing



Standard
72 214 00

Mineral
72 220 00

Mystic
72 440 00

Classic
72 101 00

Stark
72 150 00

Champagner
72 040 00

Gem
72 200 00

Arabesque
72 910 00

Twist
72 901 00

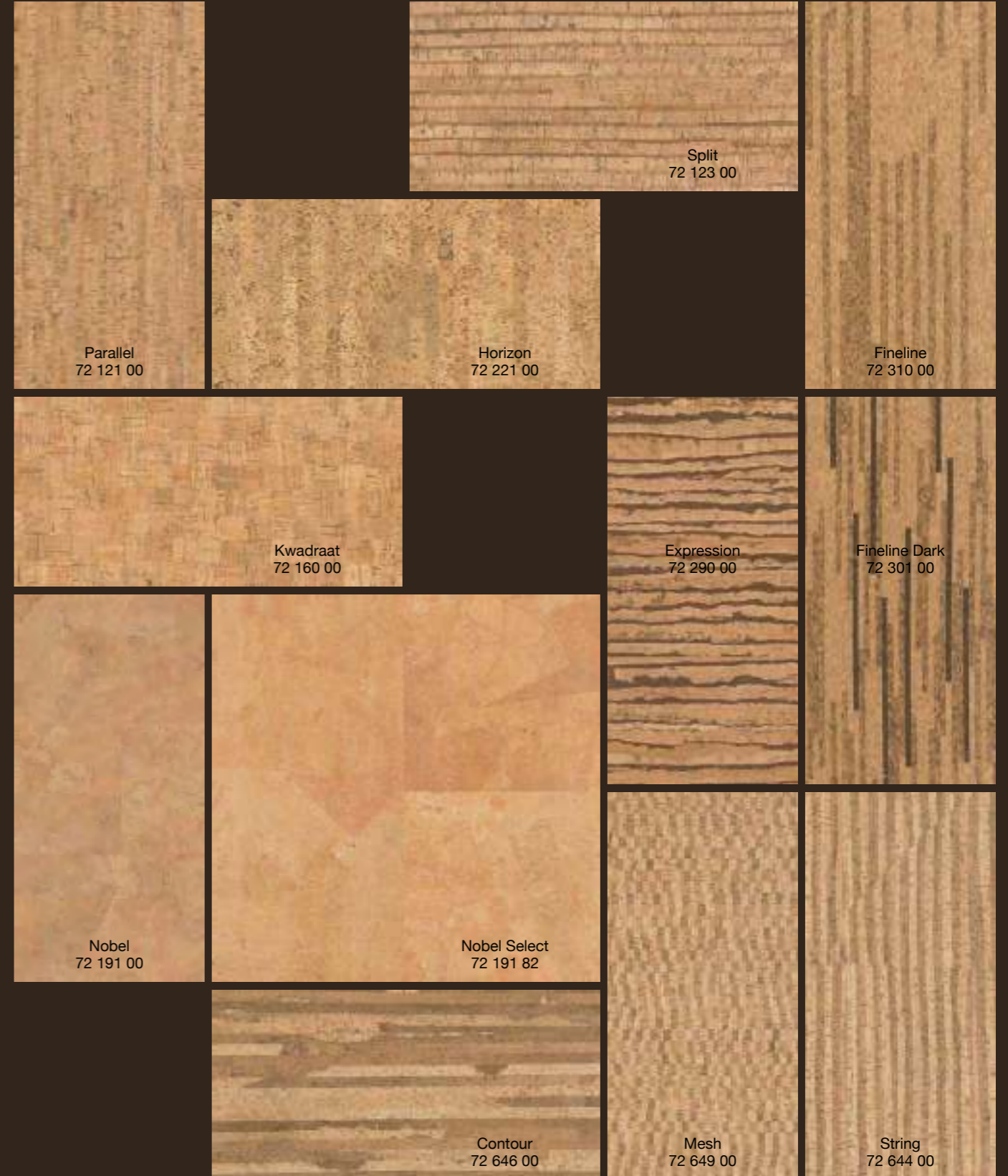
Twist Black
72 901 93

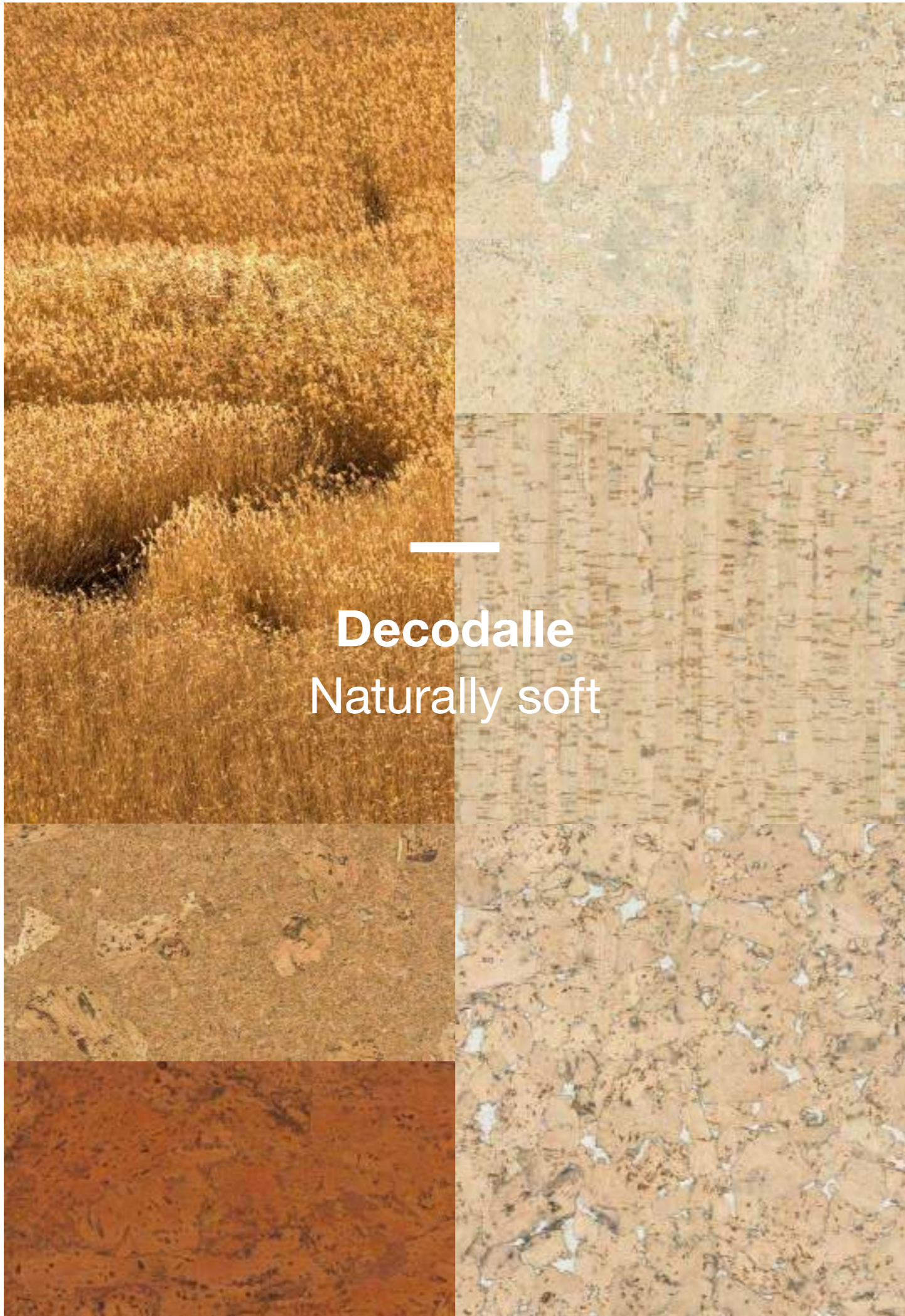
Twist Red
72 901 91

Twist Orange
72 901 94

Twist Green
72 901 92







Decodalle Parallel Cream + Recolour Smoke

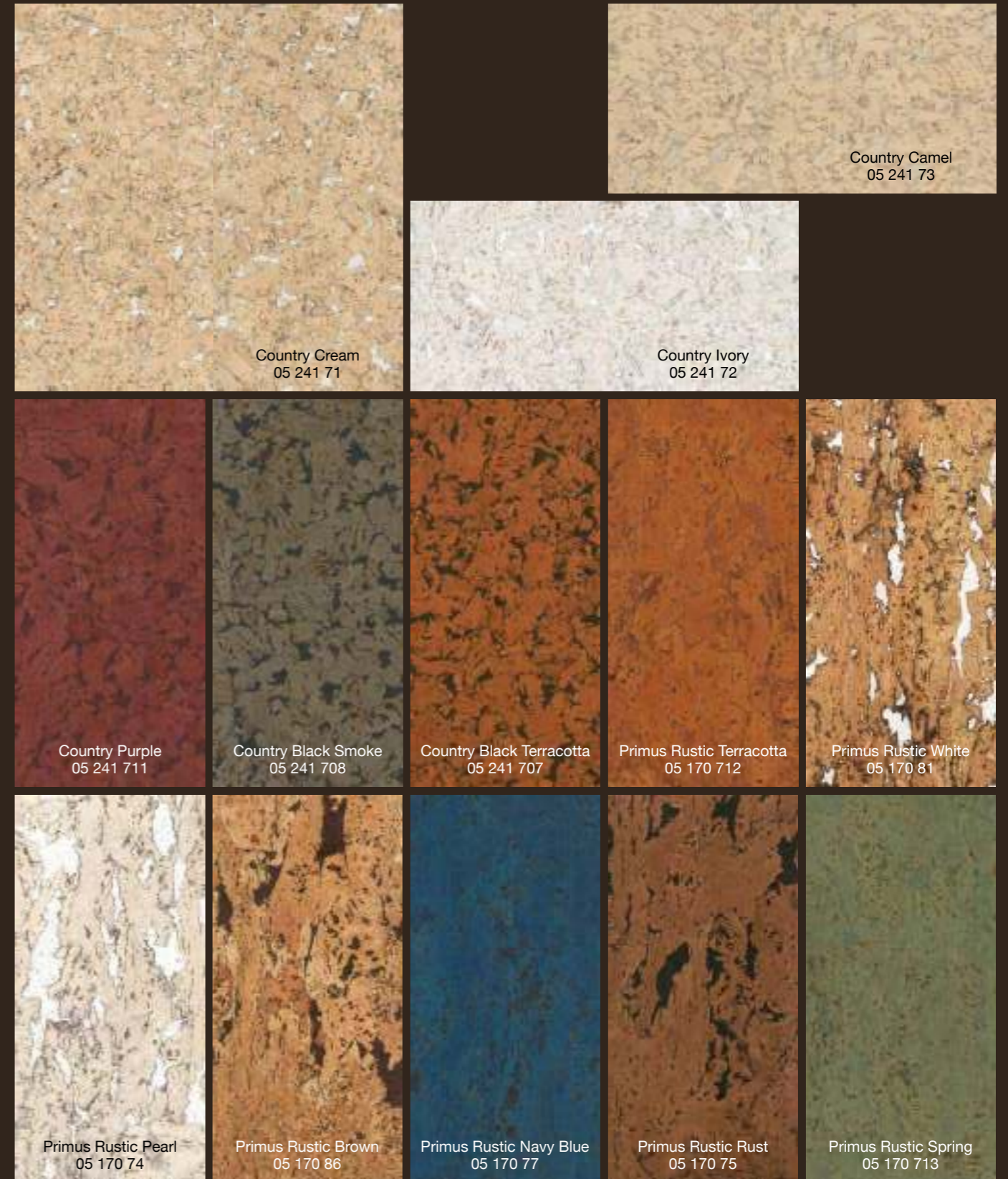


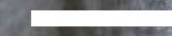
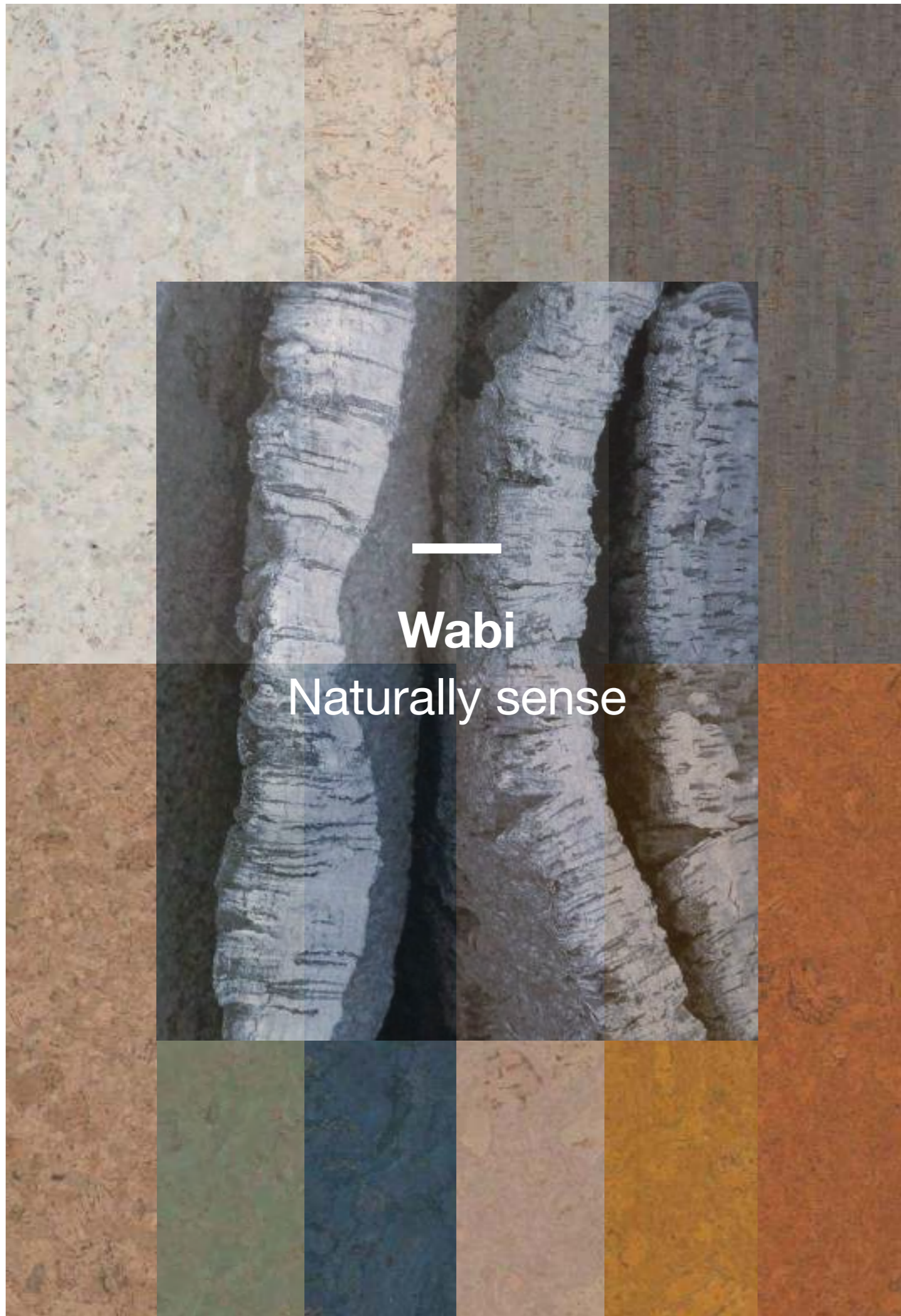
05
600 x 300 x 3 mm
glue-on installation



1 PARAWAX matt finish 2 Natural cork decorative veneer 3 Agglomerated cork backing







Wabi

Naturally sense

—
Wabi



Wabi Tokyo + Vita Decor Tint Bluemoon

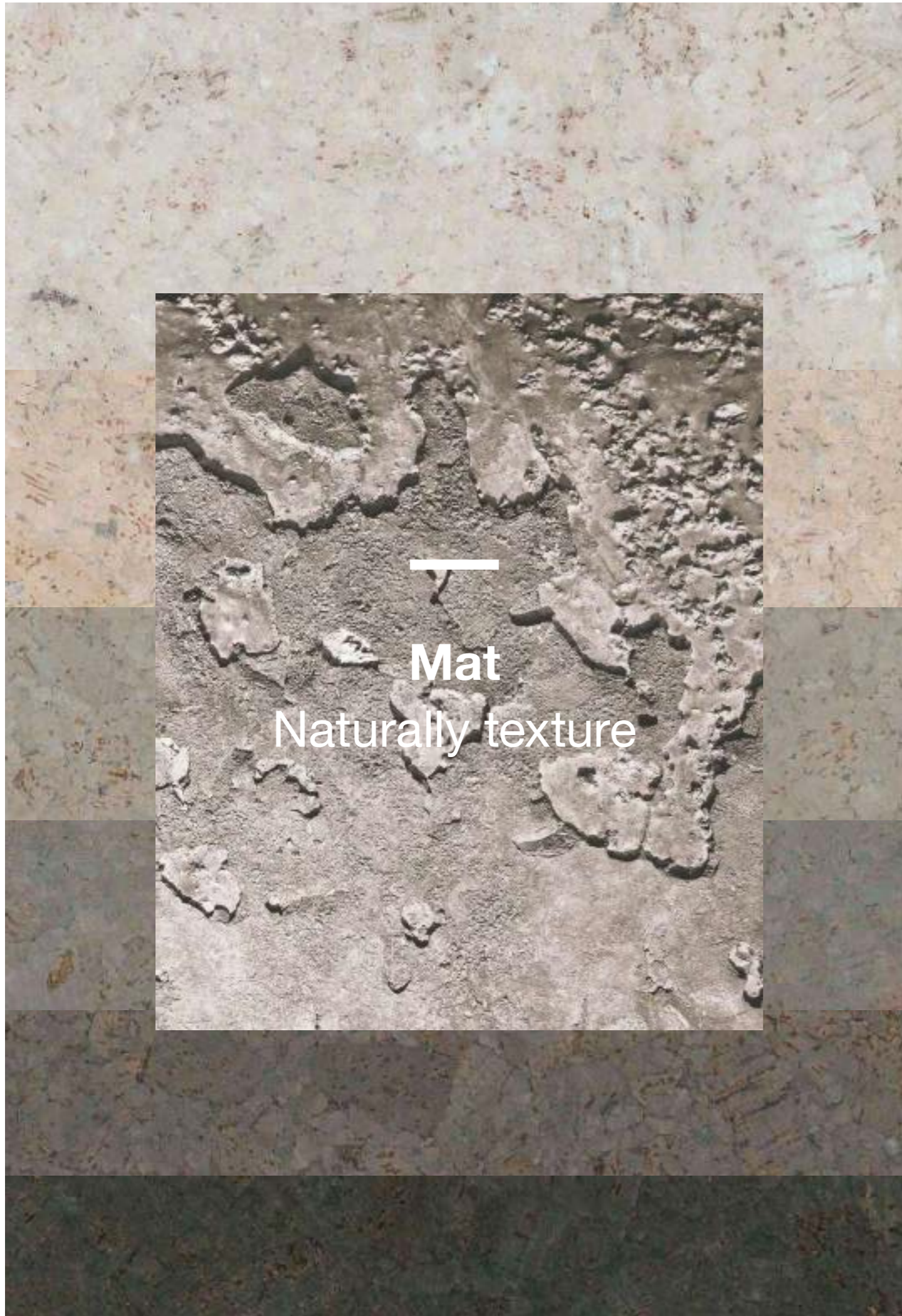


900 x 300 x 4 mm
glue-on installation



1 PARAWAX matt finish 2 Natural cork decorative veneer 3 Agglomerated cork backing





Mat
Naturally texture

—
Mat



Mat Quartz + Recolour Aqua



900 x 300 x 4 mm
glue-on installation



1 PARAWAX matt finish 2 Natural cork decorative veneer 3 Agglomerated cork backing



Quartz
508 040 012



Limestone
508 040 011



Slate
508 040 052



Granite
508 040 055

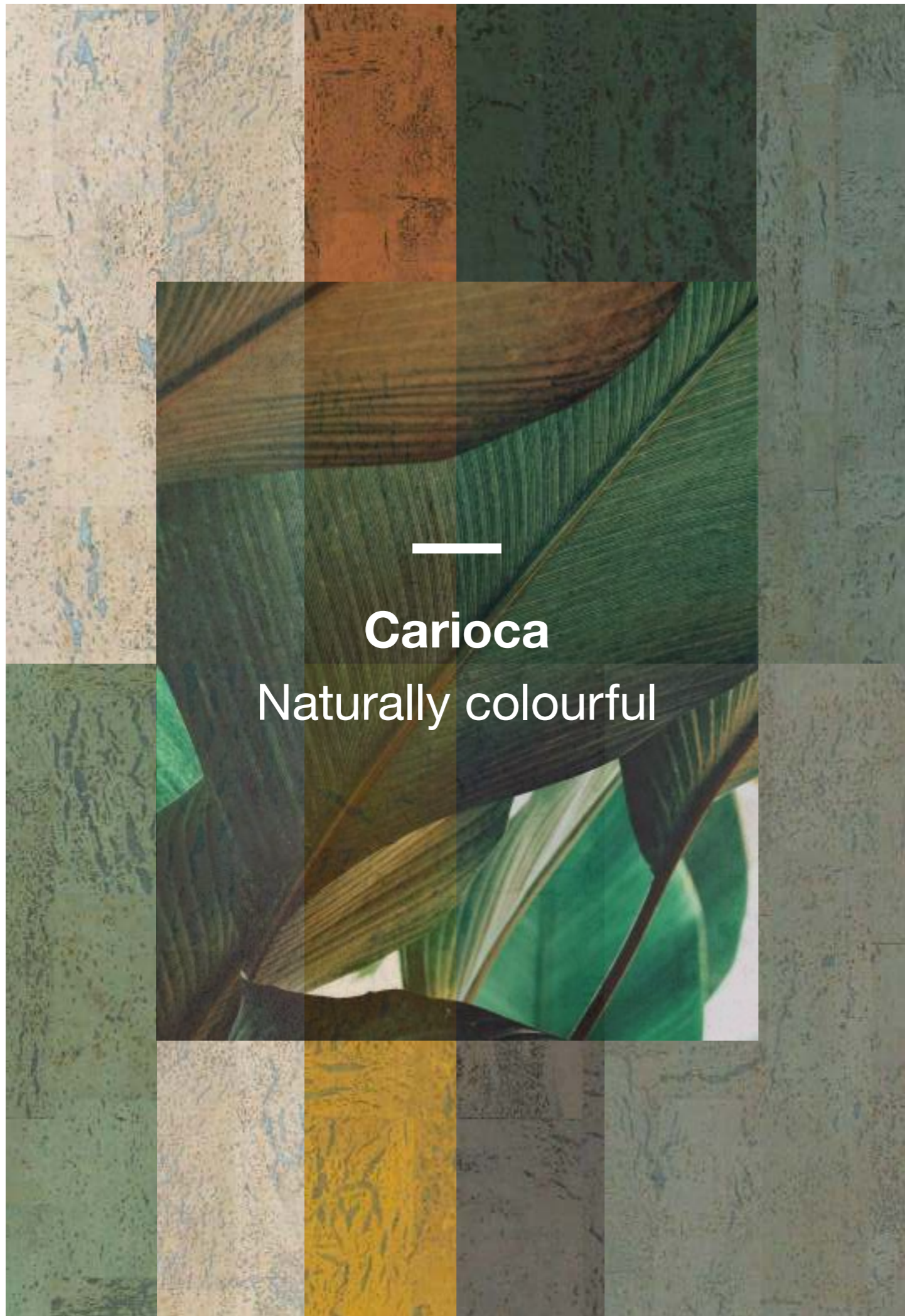


Basalt
508 040 042



Coal
508 040 059





—
Carioca
Naturally colourful

—
Carioca



Carioca Portugal Composition + Recolour Dove Blue

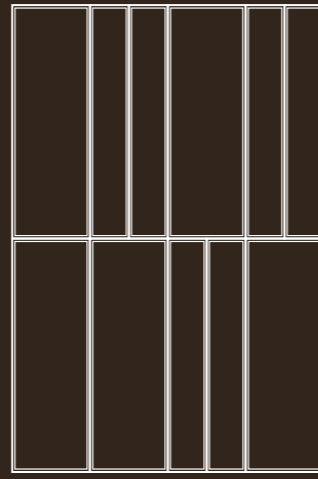
Design by
Marco Carini



205
900 x 300 x 5,5 mm
glue-on installation



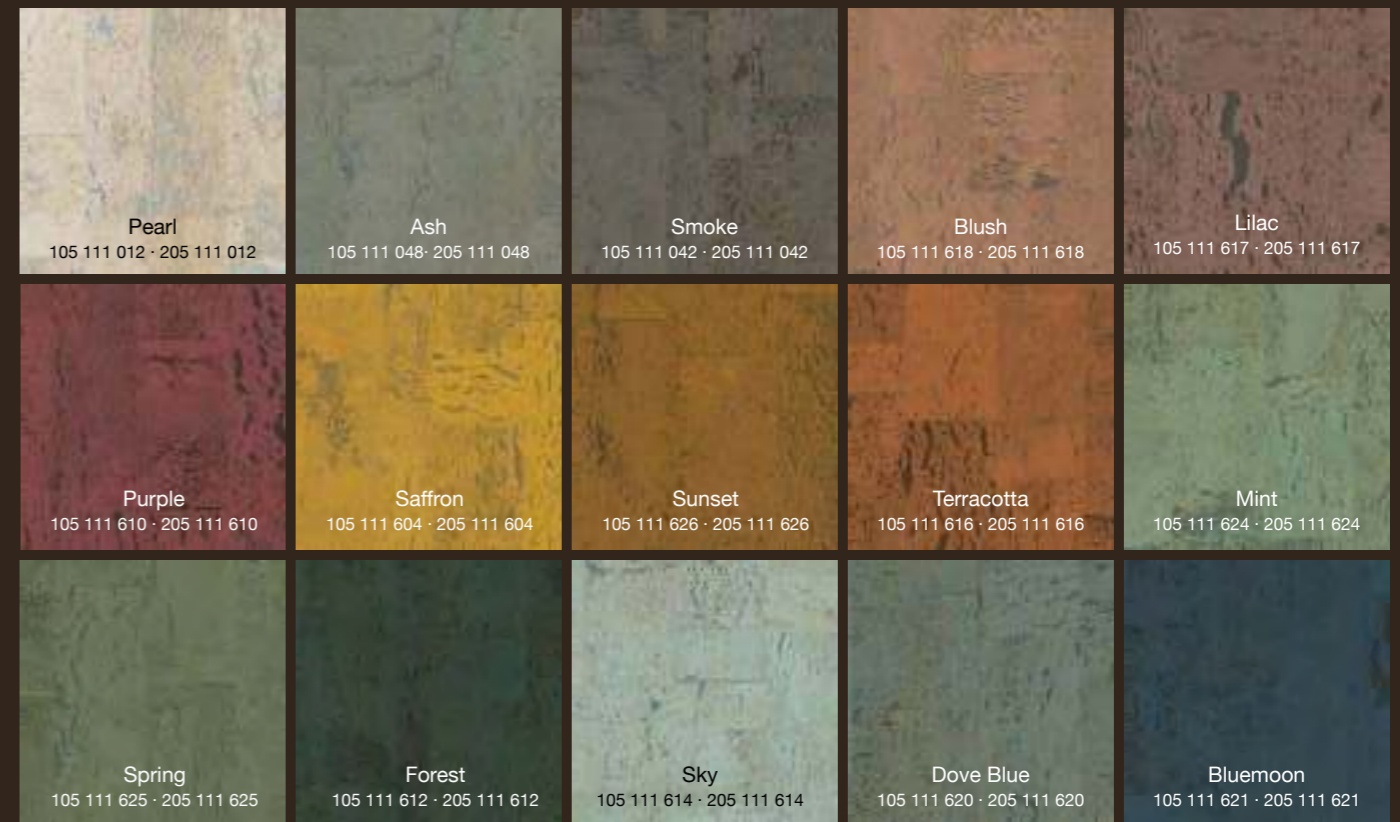
105
900 x 150 x 5,5 mm
glue-on installation



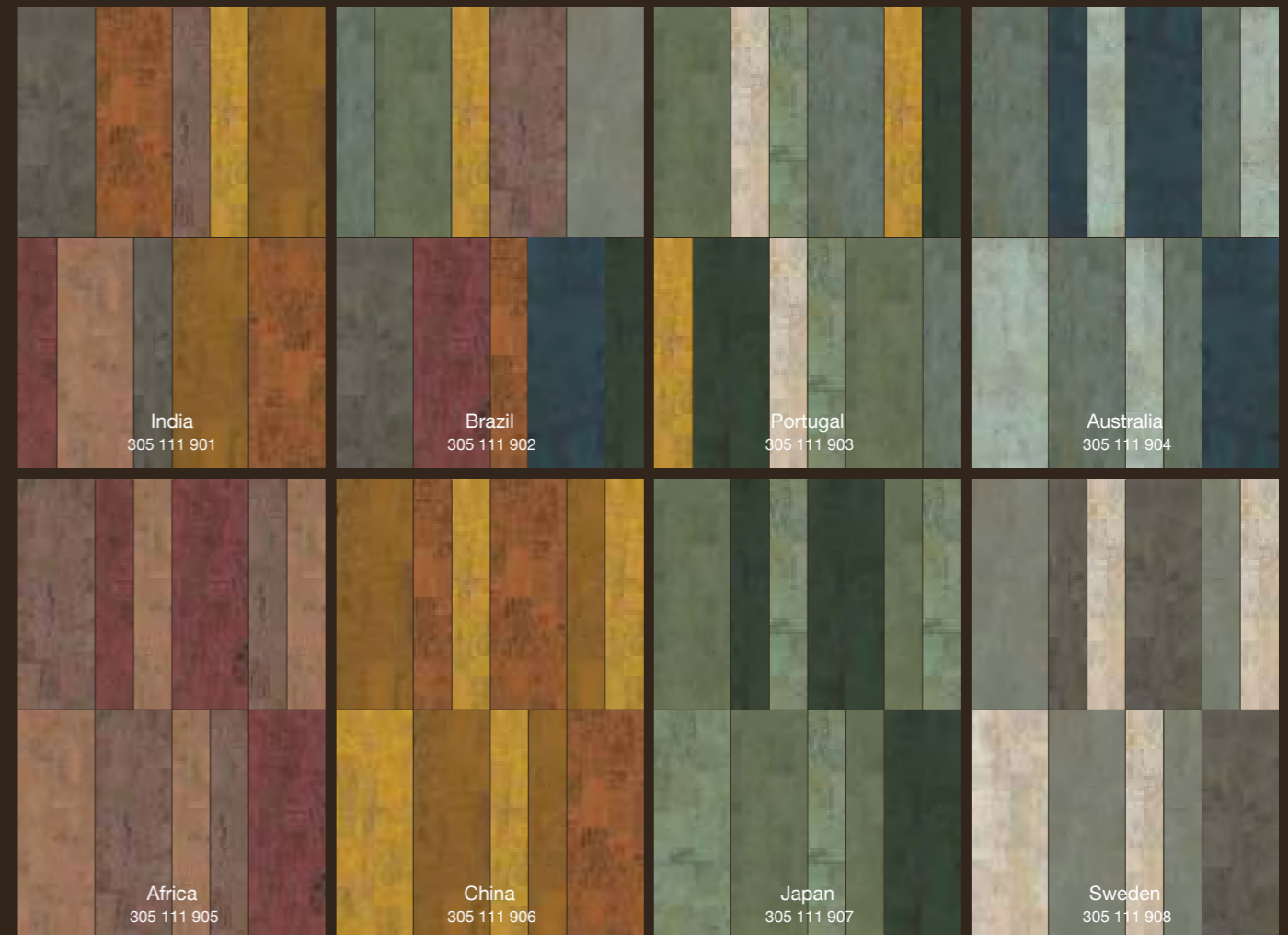
305
900 x 300 x 5,5 mm
900 x 150 x 5,5 mm
glue-on installation



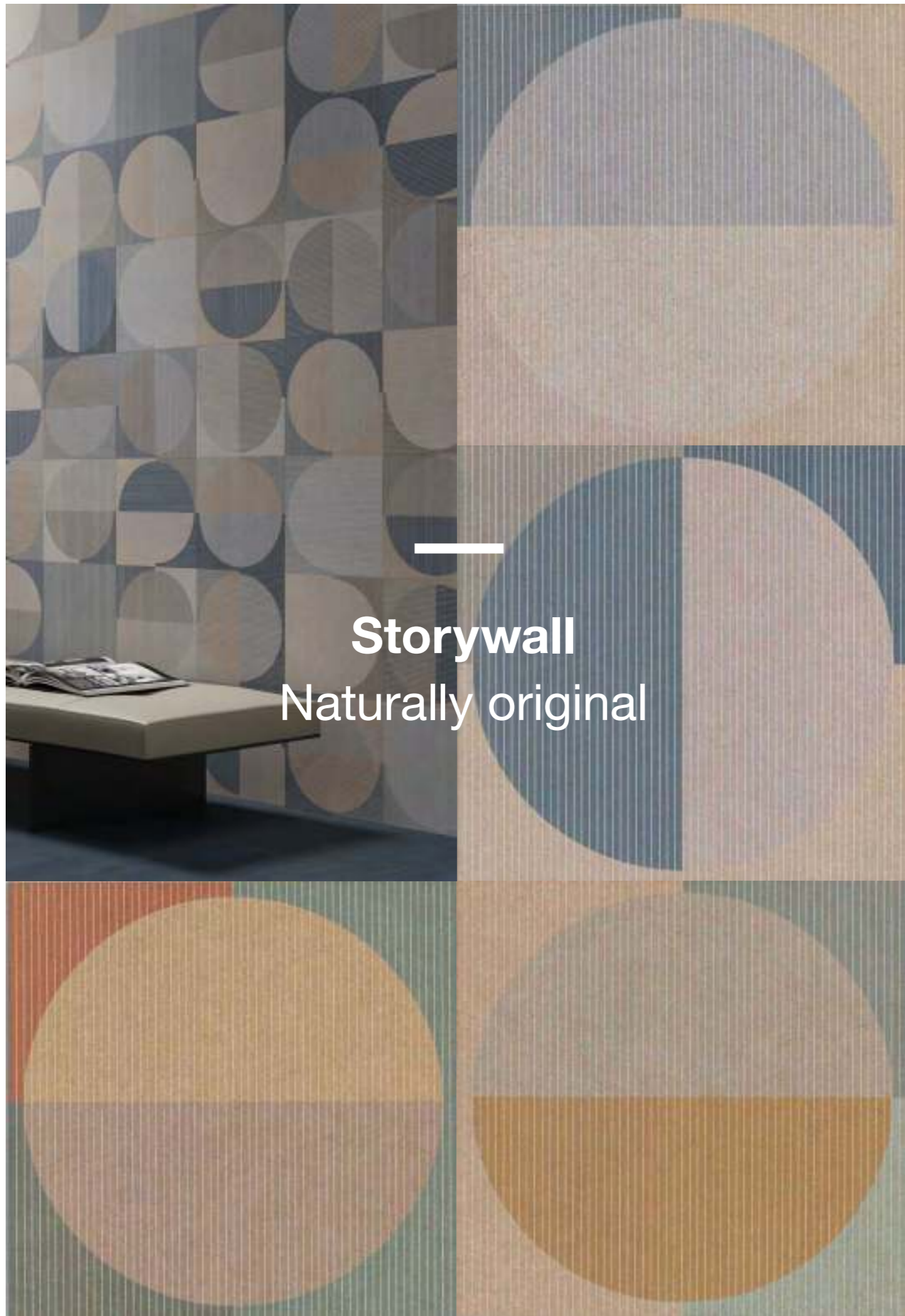
- 1 AQUADUR waterbased matt finish
- 2 Natural cork decorative veneer
- 3 Bevelled edges
- 4 Expanded black agglomerated cork backing



Combinations







—
Storywall
Naturally original

—
Storywall



Storywall Jackie Blues + Recolour Bluemoon

Design by
Carlos Mendonça & Alizira Peixoto



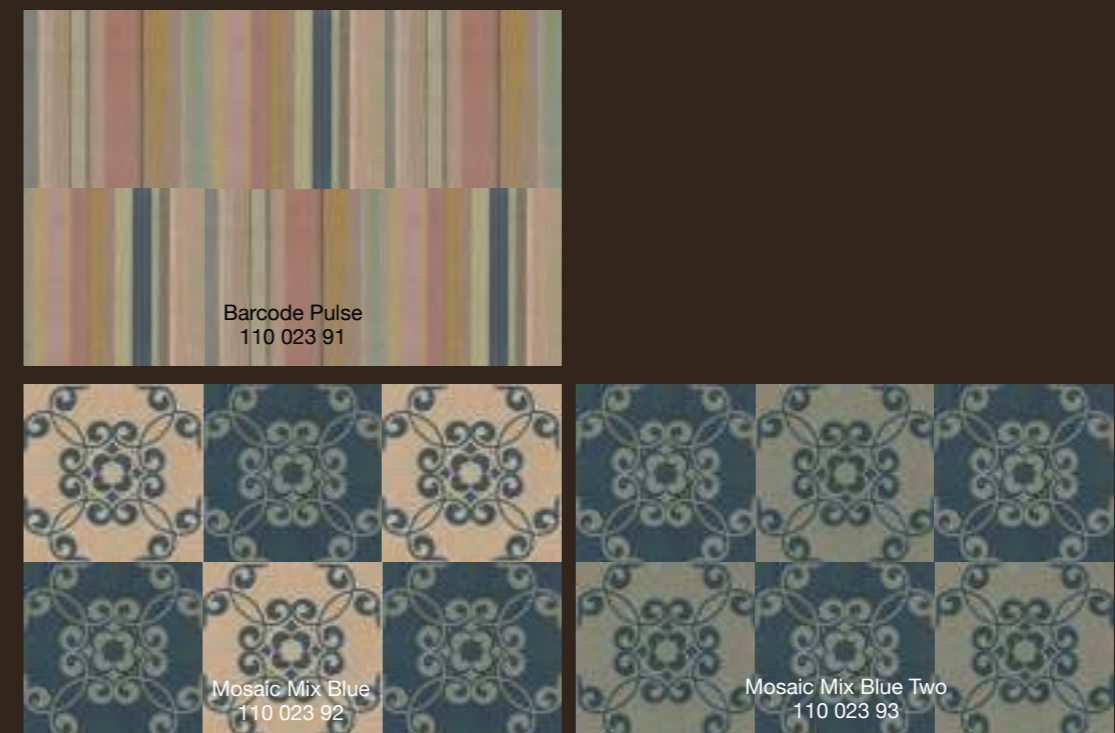
101
300x 300 x 4 mm
glue-on installation

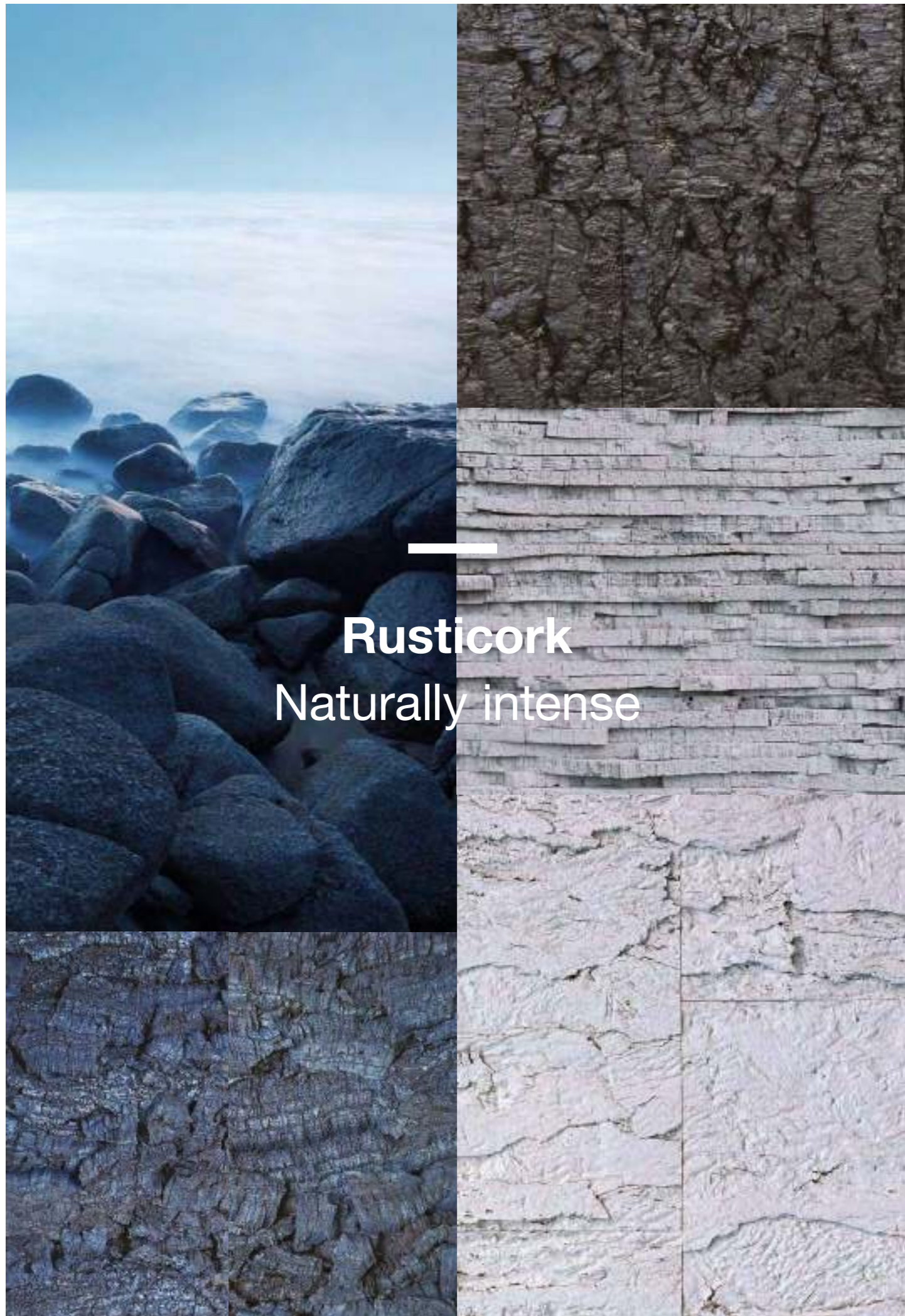


1 AQUADUR waterbased matt finish 2 High Definition Digital Printing 3 Agglomerated cork



Combinations





Rusticork
Naturally intense

Rusticork



Rusticork Bark Bluemoon + Recolour Ash



06
600 x 300 x 25 - 35 mm
glue-on installation



906
900 x 600 x 25 - 35 mm
glue-on installation



1 Natural raw cork 2 Agglomerated cork backing



Bark
06 070 00 · 906 070 00



Bark Bluemoon
06 070 614 · 906 070 614



Bark Black
06 070 615 · 906 070 615



Sandstone
06 071 00 · 906 071 00



Sandstone Saffron
06 071 604 · 906 071 604



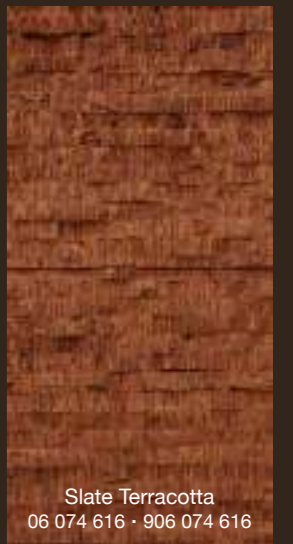
Sandstone Warm White
06 071 019 · 906 071 019



Slate
06 074 00 · 906 074 00

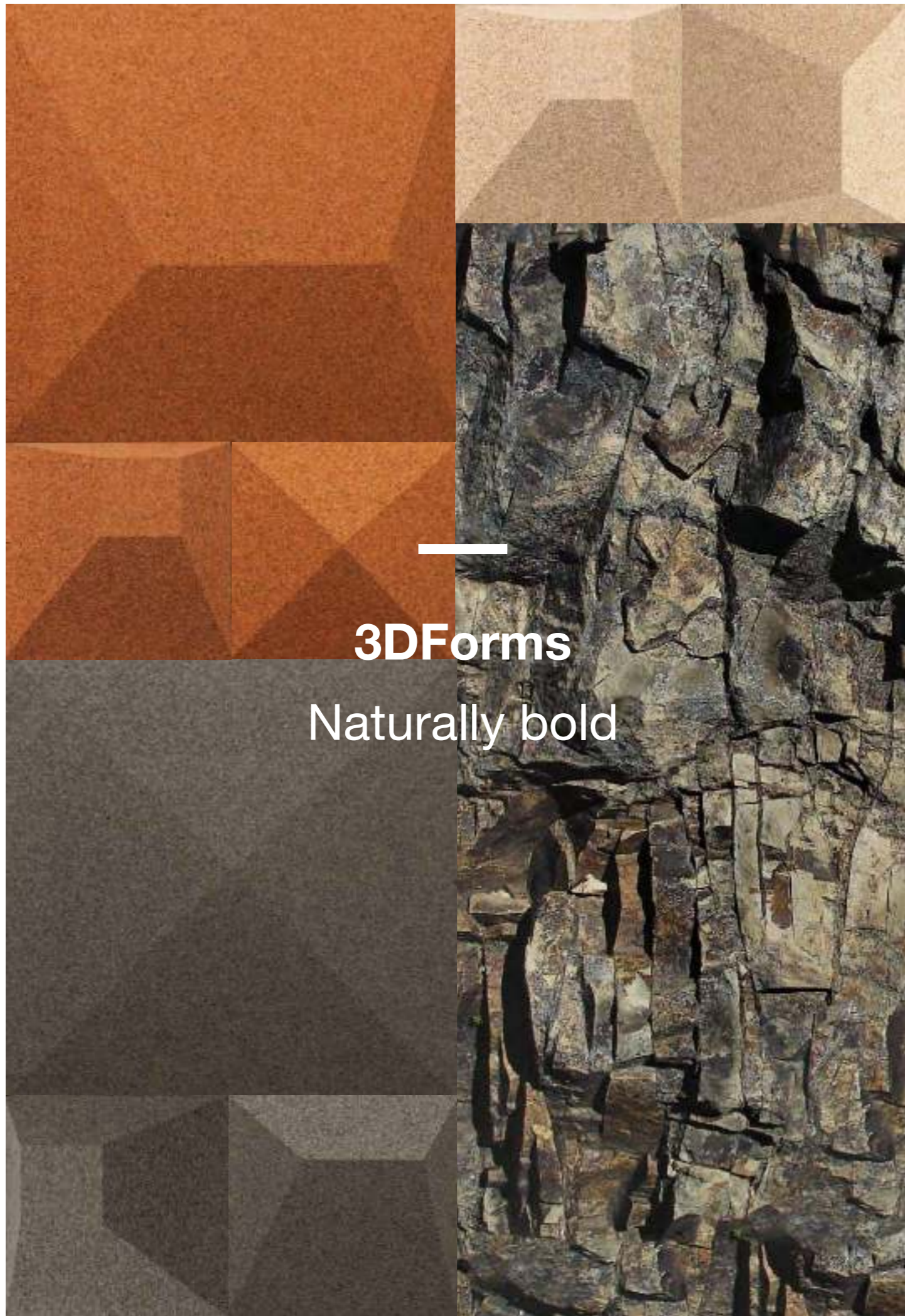


Slate Ash Grey
06 074 048 · 906 074 048



Slate Terracotta
06 074 616 · 906 074 616





3DForms
Naturally bold



3DForms Douro Smoke combination + Recolour Slate Grey

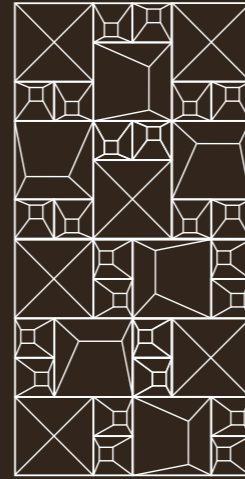
Design by
Carlos Mendonça & Alizira Peixoto



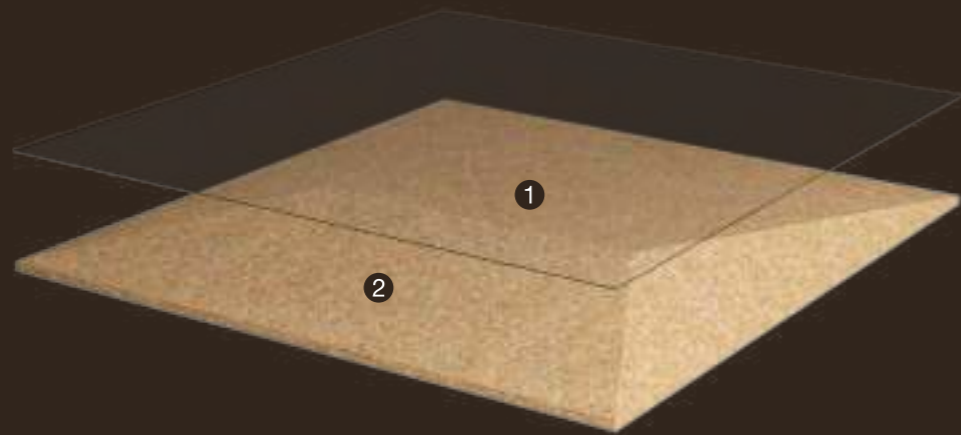
150 x 150 x 30 mm
glue-on installation



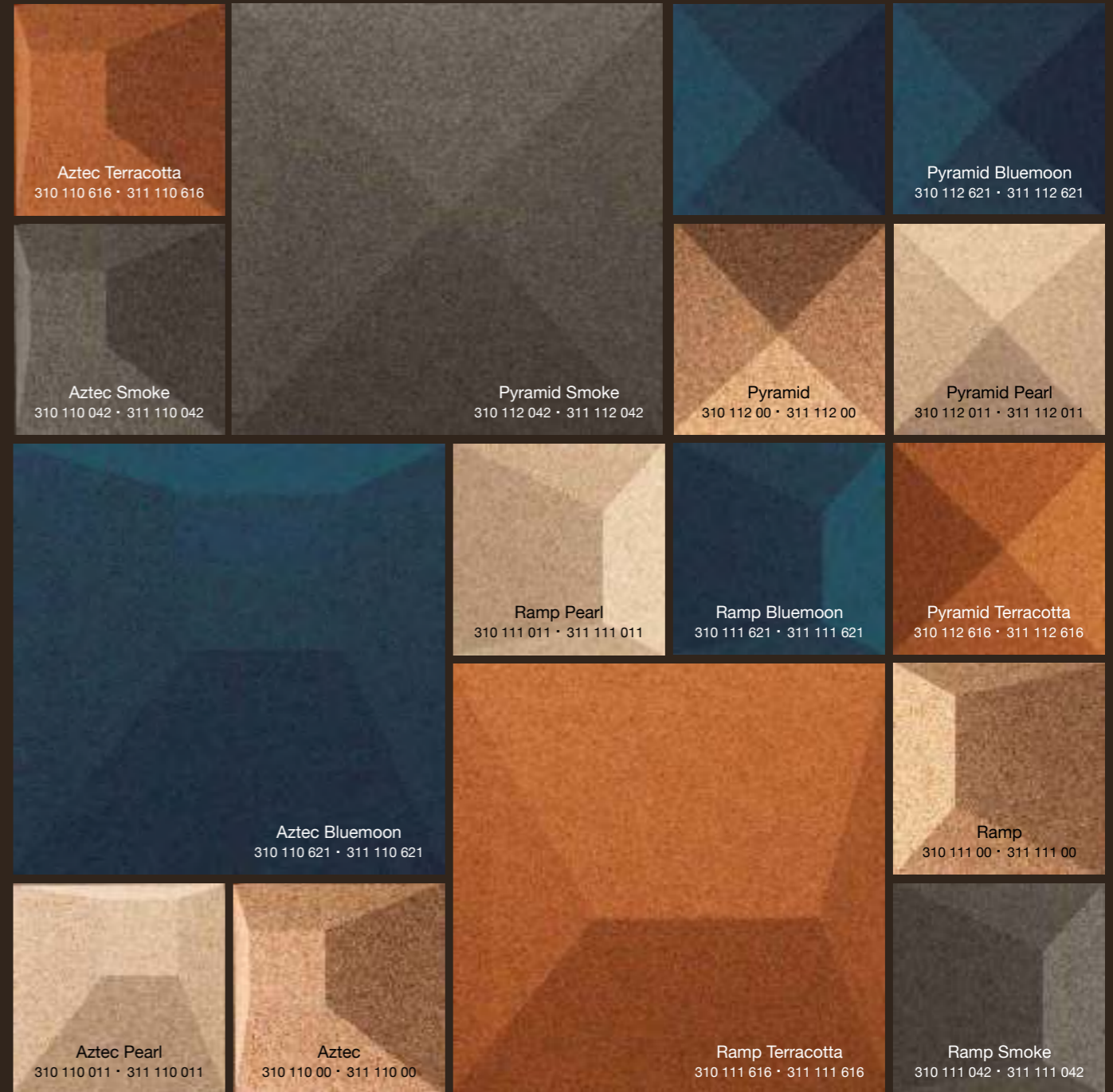
300 x 300 x 30 mm
glue-on installation



300 x 300 x 30 mm
150 x 150 x 30 mm
glue-on installation



1 CORKGUARD® waterbased protection 2 CNC machined agglomerated cork



Combinations



Lisboa
313 310 (000 / 011 / 042 / 616 / 621)

Porto
313 311 (000 / 011 / 042 / 616 / 621)

Douro
313 312 (000 / 011 / 042 / 616 / 621)



Modular
Naturally design

Modular

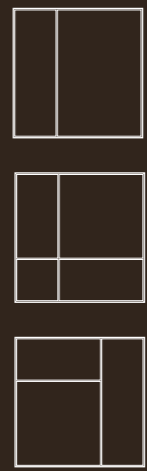


Modular Bluemoon combination + Recolour Slate Grey

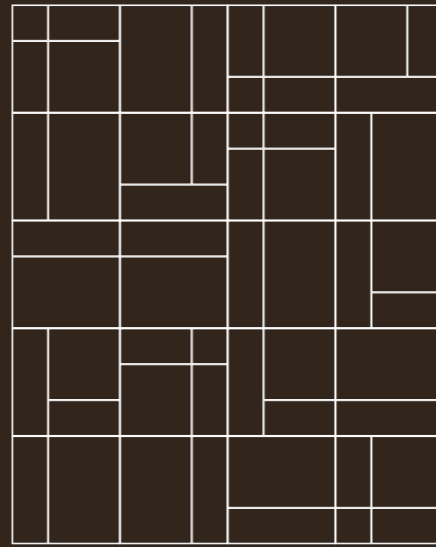
Modular
Naturally design

Modular

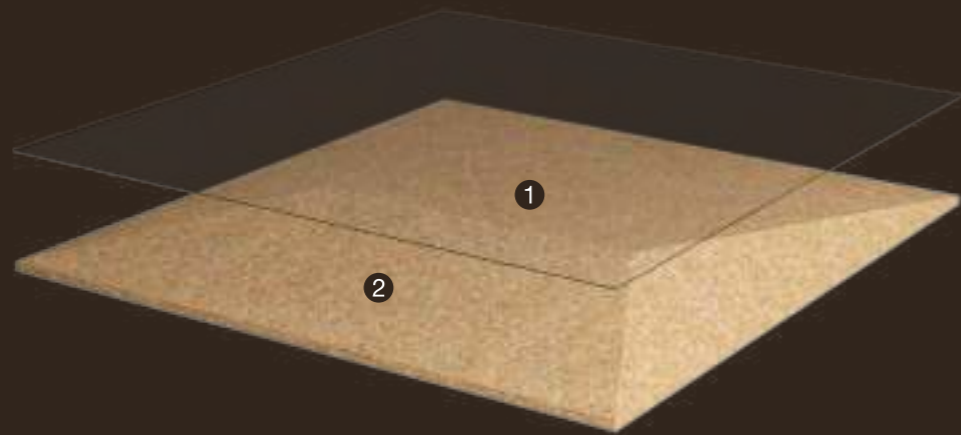
Design by
Carlos Mendonça



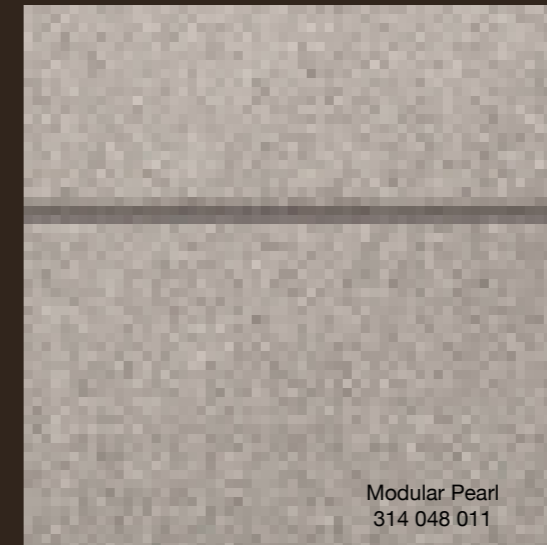
314
580 x 580 x 7 mm
glue-on installation



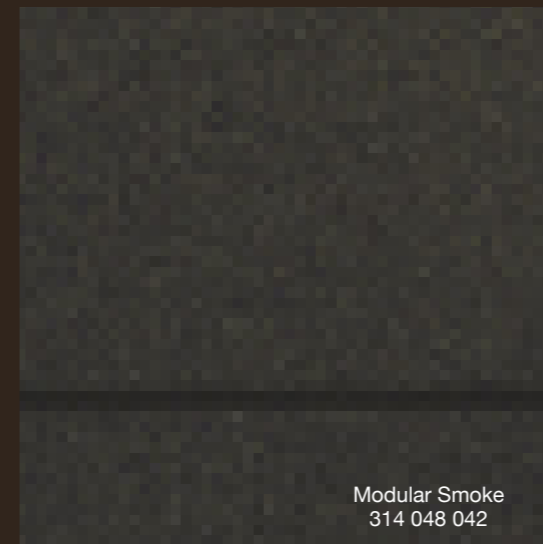
314
580 x 580 x 7 mm
glue-on installation



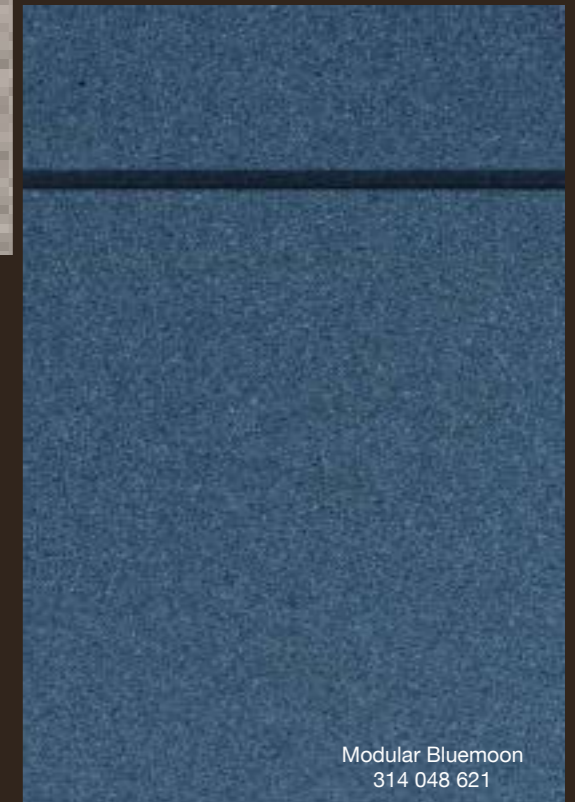
1 CORKGUARD® waterbased protection 2 CNC machined agglomerated cork



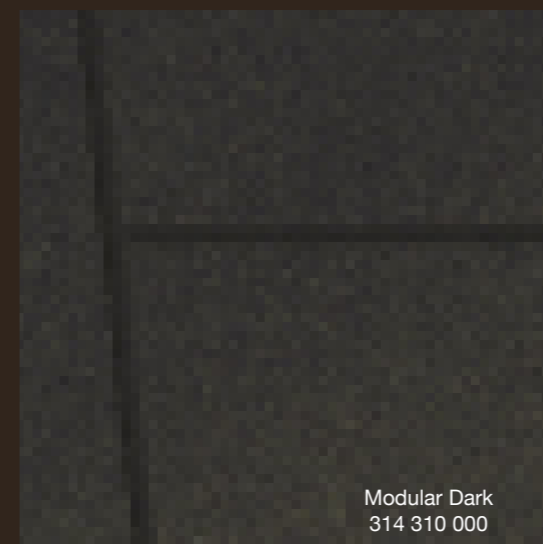
Modular Pearl
314 048 011



Modular Smoke
314 048 042



Modular Bluemoon
314 048 621

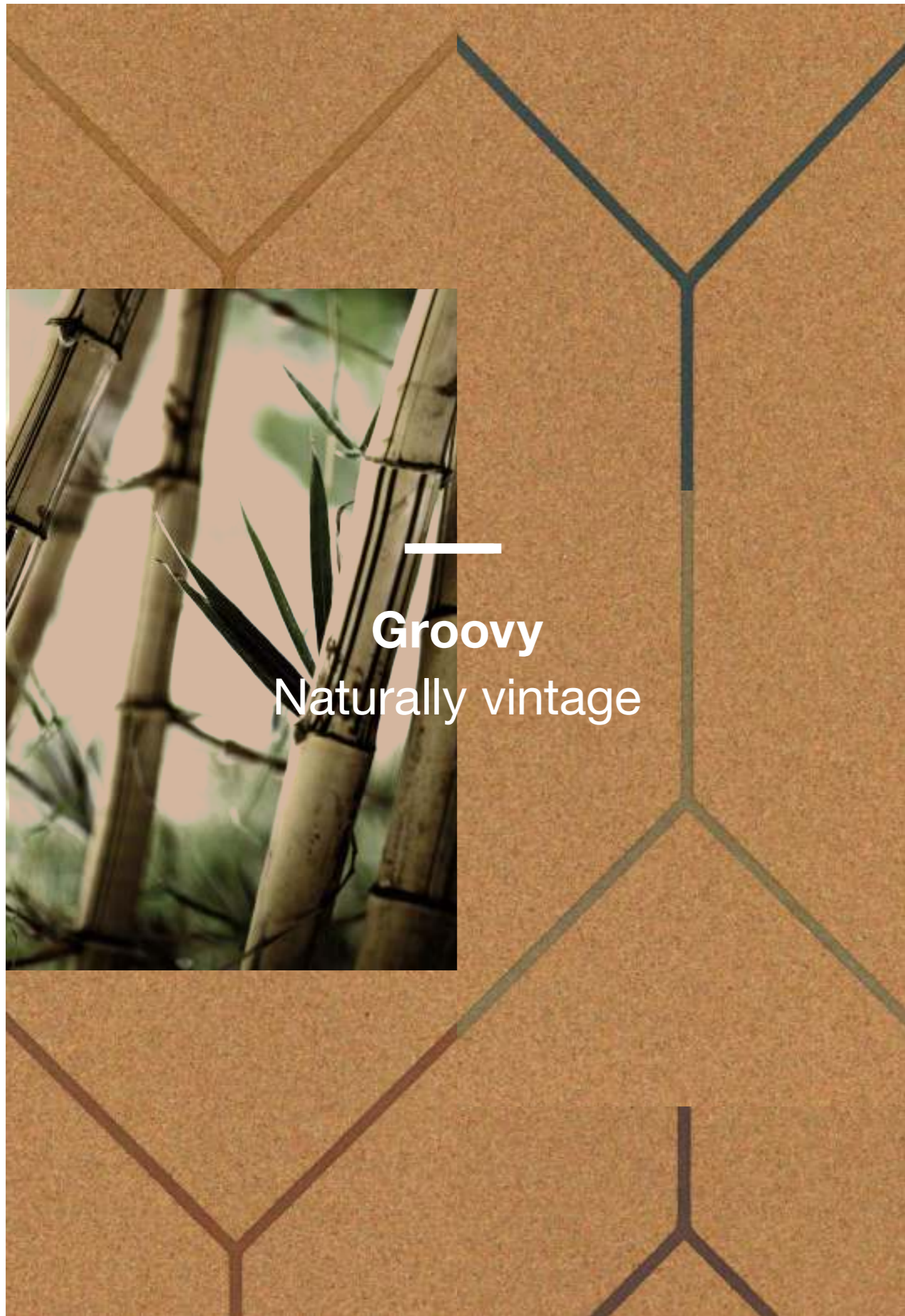


Modular Dark
314 310 000



Modular Terracotta
314 048 616







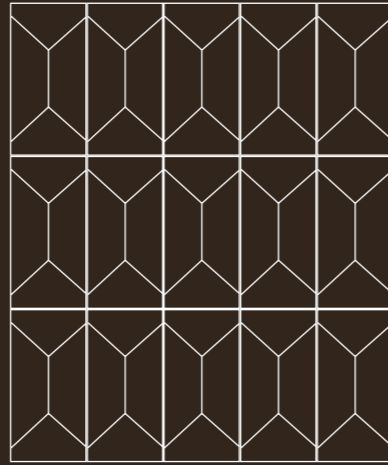
Groovy



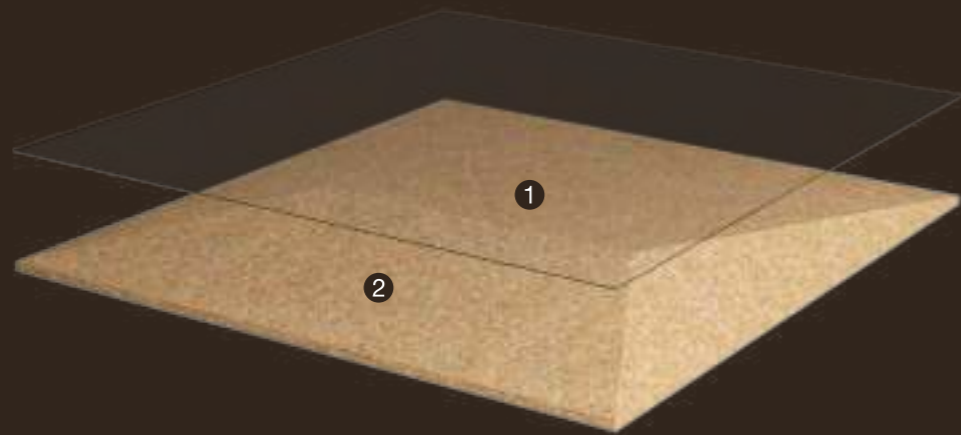
Groovy Terracotta combination + Recolour Slate Grey



315
600 x 300 x 6 mm
glue-on installation



315
600 x 300 x 6 mm
glue-on installation



1 CORKGUARD® waterbased protection 2 CNC machined agglomerated cork





Tatami
Naturally relax

Tatami

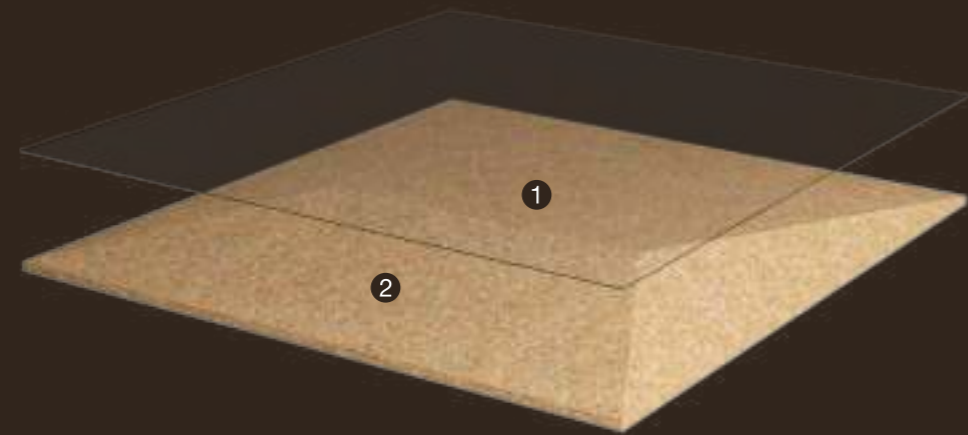


Tatami Pearl combination + Recolour Sunset

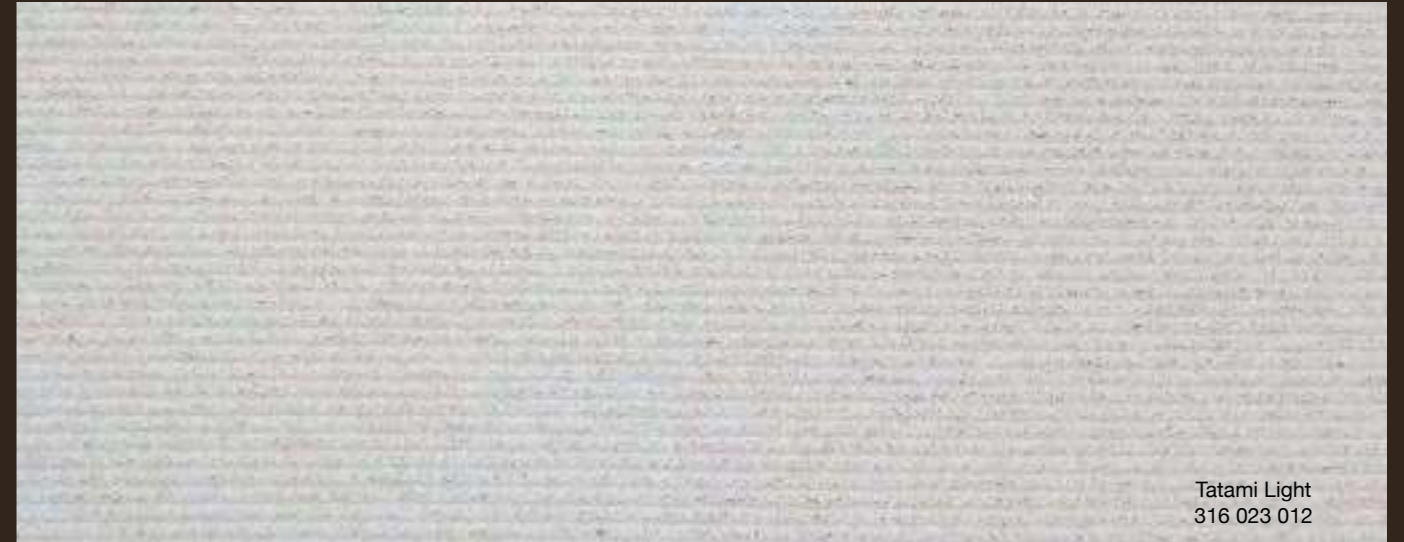
Design by
Marco Carini



316
900 x 600 x 4 mm
glue-on installation



1 CORKGUARD® waterbased protection 2 CNC machined agglomerated cork



Tatami Light
316 023 012



Tatami Midnight
316 310 000



Tatami Natural
316 023 000

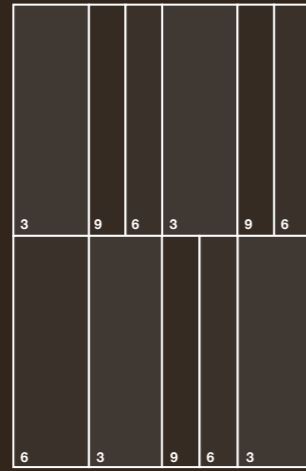


Bebop

Design by
Marco Carini

3D Cork Wall Tiles

Bebop



312

900 x 300 x 3 mm
900 x 300 x 6 mm
900 x 150 x 6 mm
900 x 150 x 9 mm
glue-on installation



Bebop
312 310 00

1 CORKGUARD® waterbased protection 2 Expanded black agglomerated cork



Bebop

technical data

			FLOATING FLOORS					CORK FLOOR TILES					
			Naturals	Recolour	Vita Clas- sic	Vita Decor	Kenko®	Corium	Recolour fix	Vita fix	Corium fix	Tradition	
Level of use	Standard	Unit											
Residential	EN ISO 10874	Class	23	23	23	23	23	23	23	23	23	23	
Commercial	EN ISO 10874	Class	32	32	32	32	34	31	32	32	31	31	
Finish			WEARTOP	WEARPLUS	WEARPLUS	WEARTOP	EB-COATING	AQUA2K+	WEARPLUS	WEARPLUS	AQUA2K+	NATURAL	
General Properties	Standard	Unit											
Dimensions	EN ISO 24342 / ISO 9366 / EN ISO 24341	mm	910 x 300 ±0.1%	1164 x 300 ±0.1%	1746 x 194 ±0.1% 1164 x 194 ±0.1%	910 x 300 ±0.1%	1164 x 194 ±0.1%	1164 x 194 ±0.1%	900x150 ±0.2%	900x150 ±0.2%	600x450 ±0.2%	600x300 ±0.2%	
Thickness	EN ISO 24346 / ISO 7322	mm	10.5 ±0.2	10.5 ±0.2	13.5 ±0.2 10.5 ±0.2	10.5 ±0.2	9 ±0.2	10.5 ±0.2	4 ±0.15	4 ±0.15	4 ±0.15	4 ±0.15	
Squareness	EN ISO 24342 / ISO 9366	mm	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.4	< 0.4	< 0.4	< 0.4	
Straightness	EN ISO 24342 / ISO 9366	mm	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.3	< 0.3	< 0.2	< 0.25	
Apparent density	ISO 3850	Kg/m³	750	750	720 750	750	850	820	> 500	> 600	> 800	> 500	
Mass per unit area	EN ISO 23997	g/m²	7900	7900	9700 7900	7900	7400	8600	2300	2600	3400	2000	
Flatness of the panel	EN 14085												
Length concave/convex		%	< 0.1 / 0.5	< 0.1 / 0.5	< 0.1 / 0.5	< 0.1 / 0.5	< 0.1 / 0.5	< 0.1 / 0.5	< 0.1 / 0.5	< 0.1 / 0.5	< 0.1 / 0.5	< 0.1 / 0.5	
Width concave/convex		%	< 0.05 / 0.1	< 0.05 / 0.1	< 0.05 / 0.1	< 0.05 / 0.1	< 0.05 / 0.1	< 0.05 / 0.1	< 0.05 / 0.1	< 0.05 / 0.1	< 0.05 / 0.1	< 0.05 / 0.1	
Opening between panels	EN 14085	mm	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	
Height difference between panels	EN 14085	mm	< 0.15	< 0.15	< 0.15	< 0.15	< 0.15	< 0.15	< 0.15	< 0.15	< 0.15	< 0.15	
Residual indentation	EN ISO 24343-1	mm	< 0.25	< 0.25	< 0.25	< 0.25	< 0.15	< 0.25	< 0.3	< 0.3	< 0.3	< 0.3	
Compression	ISO 7322	%											
Recuperation	ISO 7322	%											
Dimensional variation	EN 14085 / ISO 23999	%	< 0.4	< 0.4	< 0.4	< 0.4	< 0.4	< 0.4	< 0.4	< 0.4	< 0.4	< 0.4	
Moisture Content	EN 12105	%							≤ 6	≤ 6	≤ 6	≤ 6	
Curling	EN ISO 23999	mm							< 6	< 6	< 6	< 6	
Wear resistance	EN 14354	Class	WR3	WR3	WR3	WR3	WR3	WR2	WR3	WR3	WR2	WR2	
Swelling	ISO 24336	%	< 12	< 12	< 12	< 12	< 12	< 12	< 12	< 12	< 12	< 12	
Locking strength Long / Short	ISO 24334	kN/m	>3 / >4	>3 / >4	>3 / >4	>3 / >4	>3 / >4	>3 / >4	>3 / >4	>3 / >4	>3 / >4	>3 / >4	
Tensile strength	ISO 7322	kPa											
Safety Properties	Standard	Unit											
Reaction to fire	EN 13501-1	Class	Dfl-s1	Cfl-s1	Cfl-s1	Bfl-s1	Dfl-s1	Dfl-s1	Cfl-s1	Cfl-s1	Cfl-s1	Bfl-s1	
Formaldehyde emission	EN 717-2 EN 12149	Class mg/Kg	E1	E1	E1	E1	E1	E1	E1	E1	E1	E1	
Slip resistance	EN 14041	Class	DS	DS	DS	DS	DS	DS	DS	DS	DS	DS	
Sliding coefficient	EN 13893	Coefficient	> 0.34 (R11)	> 0.34 (R11)	> 0.34 (R11)	> 0.34 (R11)	> 0.34 (R11)	> 0.34 (R11)	> 0.34 (R11)	> 0.34 (R11)	> 0.34 (R11)	> 0.34 (R11)	
Additional Properties	Standard	Unit											
Thermal resistance	EN 12667	m².K/W	0.10	0.10	0.12 0.10	0.10	0.09	0.09	0.05	0.05	0.06	0.05	
Thermal conductivity	EN 12667	W/m.K	0.11	0.11	0.11	0.11	0.11	0.11	0.09	0.09	0.09	0.09	
Impact noise reduction	EN ISO 10140-3	dB	19	19	18	19	17	17	14	14	14	14	
Light fastness	EN ISO 105-B02	Blue scale	5	5	6	6	6	6	5	6	6	5	
Scratch resistance	EN 438-2	Scale	Rating 2	Rating 2	Rating 2	Rating 2	Rating 2	Rating 2	Rating 2	Rating 2	Rating 2	Rating 2	
Impact resistance (small ball)	EN 438-2	N	> 40	> 40	> 40	> 40	> 40	> 40	> 40	> 40	> 40	> 40	
Vinyl Chloride Monomer (VCM)	EN 12149	mg/Kg											
Release of heavy metals and specific elements	EN 12149	mg/Kg											
Other Features													
Installation system			UNICLIC®	UNICLIC®	UNICLIC®	UNICLIC®	UNICLIC®	UNICLIC®	UNICLIC®	Glue-down	Glue-down	Glue-down	Glue-down
FSC® certification			FSC® certified available on request	FSC® certified available on request	FSC® certified available on request	FSC® certified available on request	FSC® certified available on request	FSC® certified available on request	FSC® certified available on request	FSC® certified available on request	FSC® certified available on request	FSC® certified available on request	FSC® certified available on request
VOC Emission Certifications			Greenguard Gold Kork-Logo A+	Greenguard Gold Kork-Logo A+	Greenguard Gold Kork-Logo A+	Greenguard Gold Kork-Logo A+	Greenguard Gold A+	Greenguard Gold A+	Greenguard Gold Kork-Logo A+	Greenguard Gold Kork-Logo A+	Greenguard Gold A+	Greenguard Gold Kork-Logo A+	
Antibacterial protection			Microban®	Microban®	Microban®	Microban®	Microban®	Microban®	Microban®	Microban®	Microban®	Microban®	
Warranty			15 Y Residential 5 Y Commercial	15 Y Residential 5 Y Commercial	20 Y Residential 10 Y Commercial	15 Y Residential 5 Y Commercial	15 Y Residential 5 Y Commercial	15 Y Residential 5 Y Commercial	15 Y Residential 5 Y Commercial	15 Y Residential 5 Y Commercial	15 Y Residential 5 Y Commercial	10 Y Residential 5 Y Commercial	
m² per carton (Pieces per carton)	m² (un)		1.91 m² (7)	2.1 m² (6)	1.69 m² (5) 1.58 m² (7)	1.91 m² (7)	1.81 m² (6)	1.58 m² (7)	5.94 m² (44)	5.94 m² (44)	5.94 m² (22)	7.92 m² (44)	
m² per pallet (Cartons per pallet)	m² (un)		107 m² (56)	100.8 m² (48)	94.6 m² (56) 88.5 m² (56)	107 m² (56)	101.4 m² (56)	88.5 m² (56)	332.6 m² (56)	332.6 m² (56)	261.4 m² (44)	427.7 m² (54)	
Weight of carton	Kg		15	17	16 / 13	15	13	13	16	16	20	16	

WALL TILES									
Decodalle	Wabi & Mat	Carioca	Storywall	Rusticork	3DForms	Modular	Groovy	Tatami	Bebop
PARAWAX		AQUADUR	AQUADUR	CORKGUARD	CORKGUARD	CORKGUARD	CORKGUARD	CORKGUARD	CORKGUARD
600x300 ± 0.4%		900x150 ± 0.4% 900x300 ± 0.4%	300x300 ± 0.4%	600x300 900x600	150x150 ±0.5% 300x300 ±0.5%	580x580 ±0.5%	600x300 ±0.5%	900x600 ±0.5%	900x150 ±0.5% 900x300 ±0.5%
3 ± 0.2	3 ± 0.2	5.5 ± 0.2	4 ± 0.2	25 to 35	30	7 ± 0.2	6 ± 0.2	4 ± 0.2	3 / 6 / 9 ± 0.2
< 0.4		< 0.5	< 0.4	< 1	< 0.4				< 0.5
< 0.3		< 0.3	< 0.3	< 1	< 0.3				< 0.3
220		310	270		210				300
700		1700	1100	7000 to 8000	3000				1800
≤ 40		≤ 40	≤ 40						≤ 40
≥ 80		≥ 80	≥ 80						≥ 80
< 0.4		< 0.4	< 0.4						< 0.4
≤ 7		≤ 7	≤ 7	≤ 10	≤ 7				≤ 7
< 6		< 6	< 6						< 6
≥ 300		≥ 1000	≥ 1000						≥ 300
E		E	E		E				E
< DL		< DL	< DL		< DL				< DL
0.06		0.1	0.08		0.61				0.12
< DL		< DL	< DL		< DL				< DL
fulfilled		fulfilled	fulfilled		fulfilled				fulfilled
Glue-on		Glue-on	Glue-on	Glue-on	Glue-on				Glue-on
Greenguard Gold A+		Greenguard Gold A+	Greenguard Gold A+		A+				
Lifetime		Lifetime	Lifetime	Lifetime	Lifetime				Lifetime
15.84 m² (88)		4.32 m² (32/16)	7.92 m² (88)	4.32 m² (24/8)	1.62 m² (72/16)				4.59 m² (23)
665.3 m² (42)		241.9 m² (56)	427.7 m² (54)	60.5 m² (14)	68 m² (42)				257 m² (56)
12		9	10	30	6				9

technical data

			WALL TILES										FLOATING FLOORS						CORK FLOOR TILES			
			Decod- alle	Wabi & Mat	Carioca	Storywall	Rusti- cork	3DForms	Modular	Groovy	Tatami	Bebop	Naturals	Recolour	Vita Classic	Vita Decor	Kenko®	Corium	Recolour fix	Vita fix	Corium fix	Tradition
Level of use	Standard	Unit																				
Residential	EN ISO 10874	Class																				
Commercial	EN ISO 10874	Class																				
Finish			PARAWAX		AQUADUR	AQUADUR	CORKGUARD	CORKGUARD	CORKGUARD	CORKGUARD	CORKGUARD	CORKGUARD	WEARTOP	WEARPLUS	WEARPLUS	WEARTOP	EB-COATING	AQUA2K+	WEARPLUS	WEARPLUS	AQUA2K+	NATURAL
General Properties	Standard	Unit																				
Dimensions	EN ISO 24342 / ISO 9366 / EN ISO 24341	mm	600x300 ± 0.4%		900x150 ± 0.4%	300x300 ± 0.4%	600x300 900x600	150x150 ±0.5% 300x300 ±0.5%	580x580 ±0.5%	600x300 ±0.5%	900x600 ±0.5%	900x150 ±0.5% 900x300 ±0.5%	910 x 300 ±0.1%	1164 x 300 ±0.1%	1746 x 194 ±0.1% 1164 x 194 ±0.1%	910 x 300 ±0.1%	1164 x 194 ±0.1%	1164 x 194 ±0.1%	900x150 ±0.2%	900x150 ±0.2%	600x450 ±0.2%	600x300 ±0.2%
Thickness	EN ISO 24346 / ISO 7322	mm	3 ± 0.2	3 ± 0.2	5.5 ± 0.2	4 ± 0.2	25 to 35	30	7 ± 0.2	6 ± 0.2	4 ± 0.2	3 / 6 / 9 ± 0.2	10.5 ±0.2	10.5 ±0.2	13.5 ±0.2 10.5 ±0.2	10.5 ±0.2	9 ±0.2	10.5 ±0.2	4 ±0.15	4 ±0.15	4 ±0.15	4 ±0.15
Squareness	EN ISO 24342 / ISO 9366	mm	< 0.4		< 0.5	< 0.4	< 1	< 0.4				< 0.5	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.4	< 0.4	< 0.4	< 0.4
Straightness	EN ISO 24342 / ISO 9366	mm	< 0.3		< 0.3	< 0.3	< 1	< 0.3				< 0.3	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.3	< 0.3	< 0.2	< 0.25
Apparent density	ISO 3850	Kg/m³	220		310	270		210				300	750	750	720 750	750	850	820	> 500	> 600	> 800	> 500
Mass per unit area	EN ISO 23997	g/m²	700		1700	1100	7000 to 8000	3000				1800	7900	7900	9700 7900	7900	7400	8600	2300	2600	3400	2000
Flatness of the panel	EN 14085																					
Length concave/convex		%											< 0.1 / 0.5	< 0.1 / 0.5	< 0.1 / 0.5	< 0.1 / 0.5	< 0.1 / 0.5	< 0.1 / 0.5	< 0.1 / 0.5	< 0.1 / 0.5	< 0.1 / 0.5	
Width concave/convex		%											< 0.05 / 0.1	< 0.05 / 0.1	< 0.05 / 0.1	< 0.05 / 0.1	< 0.05 / 0.1	< 0.05 / 0.1	< 0.05 / 0.1	< 0.05 / 0.1	< 0.05 / 0.1	
Opening between panels	EN 14085	mm											< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
Height difference between panels	EN 14085	mm											< 0.15	< 0.15	< 0.15	< 0.15	< 0.15	< 0.15	< 0.15	< 0.15	< 0.15	< 0.15
Residual indentation	EN ISO 24343-1	mm											< 0.25	< 0.25	< 0.25	< 0.25	< 0.15	< 0.25	< 0.3	< 0.3	< 0.3	< 0.3
Compression	ISO 7322	%	≤ 40		≤ 40	≤ 40						≤ 40										
Recuperation	ISO 7322	%	≥ 80		≥ 80	≥ 80						≥ 80										
Dimensional variation	EN 14085 / ISO 23999	%	< 0.4		< 0.4	< 0.4						< 0.4	< 0.4	< 0.4	< 0.4	< 0.4	< 0.4	< 0.4	< 0.4	< 0.4	< 0.4	< 0.4
Moisture Content	EN 12105	%	≤ 7		≤ 7	≤ 7	≤ 10	≤ 7				≤ 7							≤ 6	≤ 6	≤ 6	≤ 6
Curling	EN ISO 23999	mm	< 6		< 6	< 6						< 6							< 6	< 6	< 6	< 6
Wear resistance	EN 14354	Class											WR3	WR3	WR3	WR3	WR3	WR2	WR3	WR3	WR2	WR2
Swelling	ISO 24336	%											< 12	< 12	< 12	< 12	< 12	< 12	< 12	< 12	< 12	< 12
Locking strength Long / Short	ISO 24334	kN/m											>3 / >4	>3 / >4	>3 / >4	>3 / >4	>3 / >4	>3 / >4	>3 / >4	>3 / >4	>3 / >4	>3 / >4
Tensile strength	ISO 7322	kPa	≥ 300		≥ 1000	≥ 1000						≥ 300										
Safety Properties	Standard	Unit																				
Reaction to fire	EN 13501-1	Class	E		E	E						E	Dfl-s1	Cfl-s1	Cfl-s1	Bfl-s1	Dfl-s1	Dfl-s1	Cfl-s1	Cfl-s1	Cfl-s1	Bfl-s1
Formaldehyde emission	EN 717-2 EN 12149	Class mg/Kg	< DL		< DL	< DL						< DL	E1	E1	E1	E1	E1	E1				
Slip resistance	EN 14041	Class											DS	DS	DS	DS	DS	DS	DS	DS	DS	DS
Sliding coefficient	EN 13893	Coefficient											> 0.34 (R11)	> 0.34 (R11)	> 0.34 (R11)	> 0.34 (R11)	> 0.34 (R11)	> 0.34 (R11)	> 0.34 (R11)	> 0.34 (R11)	> 0.34 (R11)	> 0.34 (R11)
Additional Properties	Standard	Unit																				
Thermal resistance	EN 12667	m².K/W	0.06		0.1	0.08						0.12	0.10	0.10	0.12 0.10	0.10	0.09	0.09	0.05	0.05	0.06	0.05
Thermal conductivity	EN 12667	W/m.K											0.11	0.11	0.11	0.11	0.11	0.11	0.09	0.09	0.09	0.09
Impact noise reduction	EN ISO 10140-3	dB											19	19	18	19	17	17	14	14	14	14
Light fastness	EN ISO 105-B02	Blue scale											5	5	6	6	6	6	5	6	6	5
Scratch resistance	EN 438-2	Scale											Rating 2	Rating 2	Rating 2	Rating 2	Rating 2	Rating 2	Rating 2	Rating 2	Rating 2	Rating 2
Impact resistance (small ball)	EN 438-2	N											> 40	> 40	> 40	> 40	> 40	> 40	> 40	> 40	> 40	> 40
Vinyl Chloride Monomer (VCM)	EN 12149	mg/Kg	< DL		< DL	< DL						< DL										
Release of heavy metals and specific elements	EN 12149	mg/Kg	fulfilled		fulfilled	fulfilled						fulfilled										
Other Features																						
Installation system			Glue-on		Glue-on	Glue-on	Glue-on	Glue-on				Glue-on	UNICLIC®	UNICLIC®	UNICLIC®	UNICLIC®	UNICLIC®	UNICLIC®	Glue-down	Glue-down	Glue-down	Glue-down
FSC® certification													FSC® certified available on request	FSC® certified available on request	FSC® certified available on request	FSC® certified available on request	FSC® certified available on request	FSC® certified available on request				
VOC Emission Certifications			Greenguard Gold A+		Greenguard Gold A+	Greenguard Gold A+		A+					Greenguard Gold Kork-Logo A+	Greenguard Gold Kork-Logo A+	Greenguard Gold Kork-Logo A+	Greenguard Gold Kork-Logo A+	GreenguardGold A+	Greenguard Gold A+	Greenguard Gold Kork-Logo A+	Greenguard Gold Kork-Logo A+	Greenguard Gold A+	Greenguard Gold Kork-Logo A+
Antibacterial protection													Microban®	Microban®	Microban®	Microban®	Microban®	Microban®				
Warranty		Lifetime			Lifetime	Lifetime	Lifetime	Lifetime				Lifetime	15 Y Residential 5 Y Commercial	15 Y Residential 5 Y Commercial	20 Y Residential 10 Y Commercial	15 Y Residential 5 Y Commercial	15 Y Residential 5 Y Commercial	15 Y Residential 5 Y Commercial	15 Y Residential 5 Y Commercial	20 Y Residential 10 Y Commercial	15 Y Residential 5 Y Commercial	10 Y Residential 5 Y Commercial
m² per carton (Pieces per carton)		m² (un)	15.84 m² (88)		4.32 m² (32/16)	7.92 m² (88)	4.32 m² (24/8)	1.62 m² (72/16)				4.59 m² (23)	1.91 m² (7)	2.1 m² (6)	1.69 m² (5) 1.58 m² (7)	1.91 m² (7)	1.81 m² (8)	1.58 m² (7)	5.94 m² (44)	5.94 m² (44)	5.94 m² (22)	7.92 m² (44)
m² per pallet (Cartons per pallet)		m² (un)	665.3 m² (42)		241.9 m² (56)	427.7 m² (54)	60.5 m² (14)	68 m² (42)				257 m² (56)	107 m² (56)	100.8 m² (48)	94.6 m² (56) 88.5 m² (56)	107 m² (56)	101.4 m² (56)	88.5 m² (56)	332.6 m² (56)	332.6 m² (56)	261.4 m² (44)	427.7 m² (54)
Weight of carton		Kg	12		9	10	30	6				9	15	17	16 / 13	15	13	13	16	16	20	16

Using only the best raw materials and state-of-the-art technology, we seek perfection each and every day, ensuring that our products meet all technical and quality requirements.

 <small>high performance coating</small>	<p>High performance and low VOC finish with very high wear, impact, scratch and slip resistance.</p>	 <small>high performance hotcoating</small>	<p>HotCoating® PUR and waterbased finish with very high wear, impact and chemical resistance with a natural look-and-feel.</p>
 <small>2K waterborne finish</small>	<p>Very low emissions 2-component waterborne finish, based on polyurethane resins with very high final hardness, great elasticity and excellent chemical resistance.</p>	 <small>waterborne finish</small>	<p>Very low emissions waterborne finish, with a natural look-and-feel, great elasticity and good chemical resistance.</p>
 <small>flexible wax coating</small>	<p>Wax/paraffin based product developed specially for cork, with good flexibility, abrasion, and moisture / water repellence. Complies with FDA regulation.</p>	 <small>water and stain protection</small>	<p>Aqueous dispersion based on SCOTCHGARD™ and a combination of polyurethane resins, designed to provide excellent and durable water, oil and stain repellent properties on natural cork.</p>
 <small>moisture resistant HDF</small>	<p>Moisture resistant and low swelling High Density Fibreboard (HDF), CARB 2 and Lacey Act compliant.</p>	 <small>click installation system</small>	<p>Floating floors from GRANORTE use the industry's leading UNICLIC® click system for simple and fast installation.</p>
 <small>4 edges micro-beveled</small>	<p>Micro-bevelled edge aesthetic enhancement.</p>	 <small>edge sealing technology</small>	<p>Edge impregnation system for improved moisture resistance and superior joint protection.</p>
 <small>high definition digital print</small>	<p>Proprietary HDDP technology that delivers unrivalled digital print quality using high native resolution together with variable dot printing and exclusive printing techniques.</p>	 <small>authentic wood structure</small>	<p>Production technology that finely emboss wood structure making floors look and feel natural.</p>
 <small>no added formaldehyde</small>	<p>Formaldehyde-free, PVC-free and phthalates-free cork agglomeration technology.</p>		<p>Certification assuring that strict chemical emissions limits are met and that a product is acceptable for use in environments such as schools and healthcare facilities.</p>
	<p>German Cork Association Quality mark that ensures product quality, eco-friendliness, sustainability and the meeting of technical and chemical European requirements.</p>		<p>Information representing indoor air emissions of substances presenting a risk of inhalation toxicity, on a scale ranging from C (high emissions) to A+ (very low emissions).</p>
	<p>International symbol used to identify products made with genuine cork.</p>		<p>Exclusive Microban® antibacterial protection embedded in the agglomerated cork.</p>
	<p>European certification for safety and energy-saving performance.</p>		

Although every effort has been made to ensure accuracy during the production of this catalogue, GRANORTE disclaims potential product changes and possible print errors. The product photos may not accurately match the real colour and texture of the finished product.



Decodalle Primus Rustic Navy Blue + Recolour Dove Blue

GRANORTE®

delivering nature

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