

A.02

**PRODUCT
PROFILE**



Product Profile

Summary

A. Designer Collection

- 1. Piero Lissoni
- 2. Front Design
- 3. Kengo Kuma
- 4. The Campana Brothers

B. Wood Collection

- 1. Nordic
- 2. Evergreen
- 3. Chocolate
- 4. Sand
- 5. Grey
- 6. Textiled by Matteo Ragni
- 7. Wood +
- 8. Silver
- 9. Legacy curated by Piero Lissoni

C. Technical Data Sheet

Materia viva, certificata, eco-sostenibile, il legno ALPI, scomposto e ricomposto in infinite essenze, finiture e decori, rappresenta una proposta unica, dalle caratteristiche qualitative superiori, che assicura infinite soluzioni progettuali, riproducendo perfettamente colori e venature dei legni naturali o realizzando materiali non riscontrabili in natura grazie ad effetti cromatici inediti. Attenzione alla qualità e alla materia prima, minuziosa perizia tecnologica e conoscenza manifatturiera sono alla base della profonda capacità di interpretare e rileggere linguaggi eterogenei al completo servizio di ogni progetto: il legno ALPI offre nuove declinazioni espressive, unicità e personalità, permettendo di scegliere tra una vastissima gamma di essenze, texture e tonalità per rispondere ad ogni esigenza creativa di progettisti e designer. La garanzia di continuità di approvvigionamento nel tempo dello stesso articolo rappresenta un altro importante valore che garantisce un prodotto sempre costante nei colori e nelle dimensioni, riproducibile nel tempo, adatto a molteplici ambiti applicativi e ad ogni superficie.

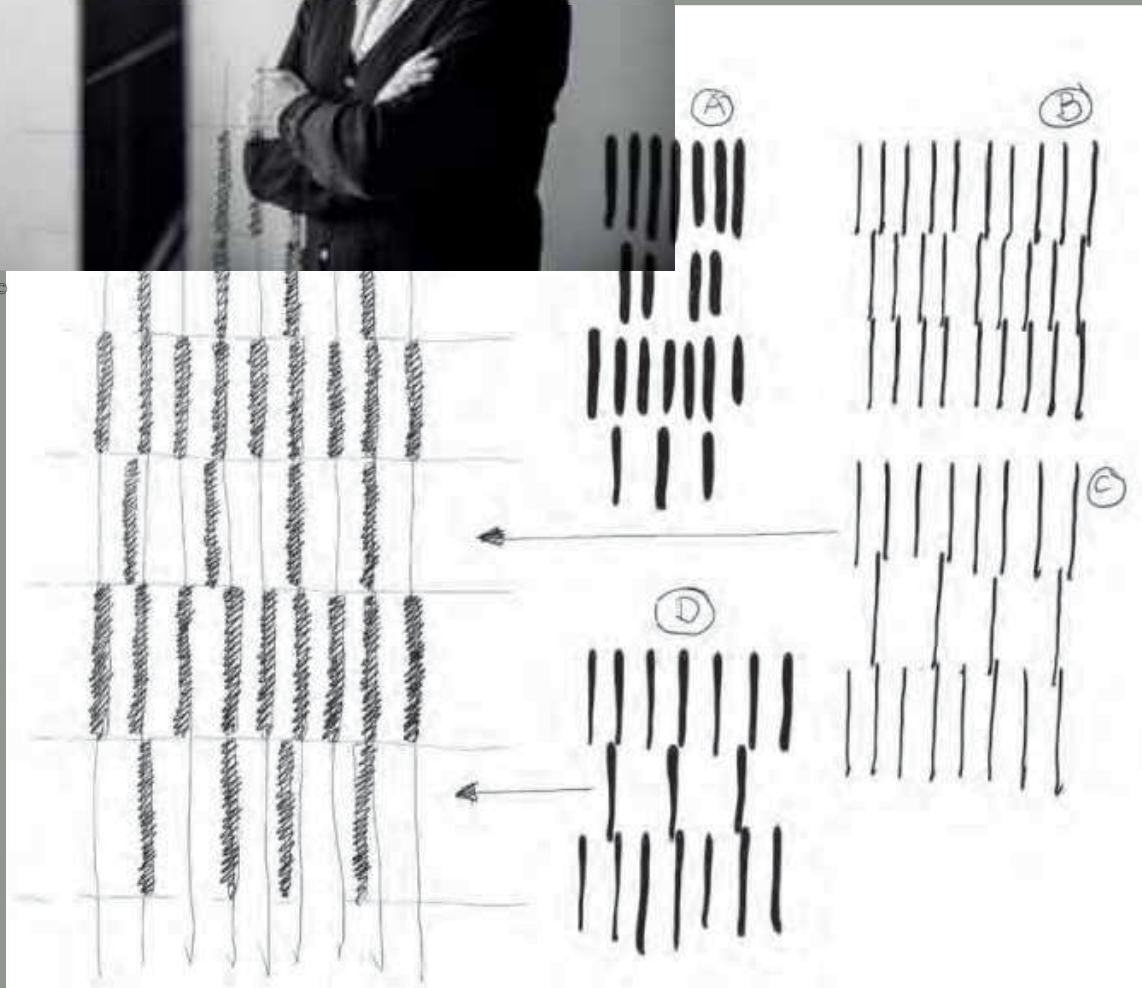
Living, certified, sustainable material. ALPI wood, broken down and reassembled in infinite varieties, finishes and patterns, represents a unique proposal with superior qualitative characteristics that offers the widest possible range of design solutions, perfectly reproducing the colors and grain of natural woods in materials not found in nature, thanks to original chromatic effects. A focus on quality and raw materials, painstaking technical expertise and manufacturing know-how form the basis for the company's remarkable ability to interpret and update different languages, at the complete service of any project: ALPI woods offer expressive nuances, unique character and personality, providing a very vast large range of wood types, textures and tones to respond to every creative impulse of designers. The guaranteed supply of the same articles over time is another important plus, ensuring constant availability of products in the same colors and sizes, reproduced over the years, suitable for multiple applications and all kinds of surfaces.

A. / Designer
Collection

Piero Lissoni



Photo by Gianluca Vassallo ©



Piero Lissoni

Dalla leggerezza tipica del linguaggio di Piero Lissoni, art director di ALPI, scaturiscono le raffinate collezioni Xilo 2.0, Tarsie e Ikat. Un approccio creativo e di ricerca al servizio di una progettualità raffinata capace di raccontare l'unicità di ALPI e dei suoi legni, racchiusa da sempre nella perfetta coesistenza tra tecnica e craftsmanship. Tecnologie innovative e all'avanguardia, studiate appositamente dal team di ricerca e sviluppo dell'azienda hanno reso possibile la creazione di esclusivi pattern lignei, esaltando la materia viva del legno riproducendo le sue caratteristiche naturali o inediti pattern grafici disegnati da Piero Lissoni.

The typical lightness of the language of Piero Lissoni, art director for ALPI, generates the refined collections Xilo 2.0, Tarsie and Ikat. A creative approach to research at the service of an elegant design that reveals the unique qualities of ALPI and its wood, in a perfect balance between technical prowess and craftsmanship. Innovative, cutting-edge technologies specially developed by the company's R+D team make it possible to create exclusive wood patterns, enhancing the living material of the wood by reproducing its natural characteristics, or novel graphic patterns designed by Piero Lissoni.

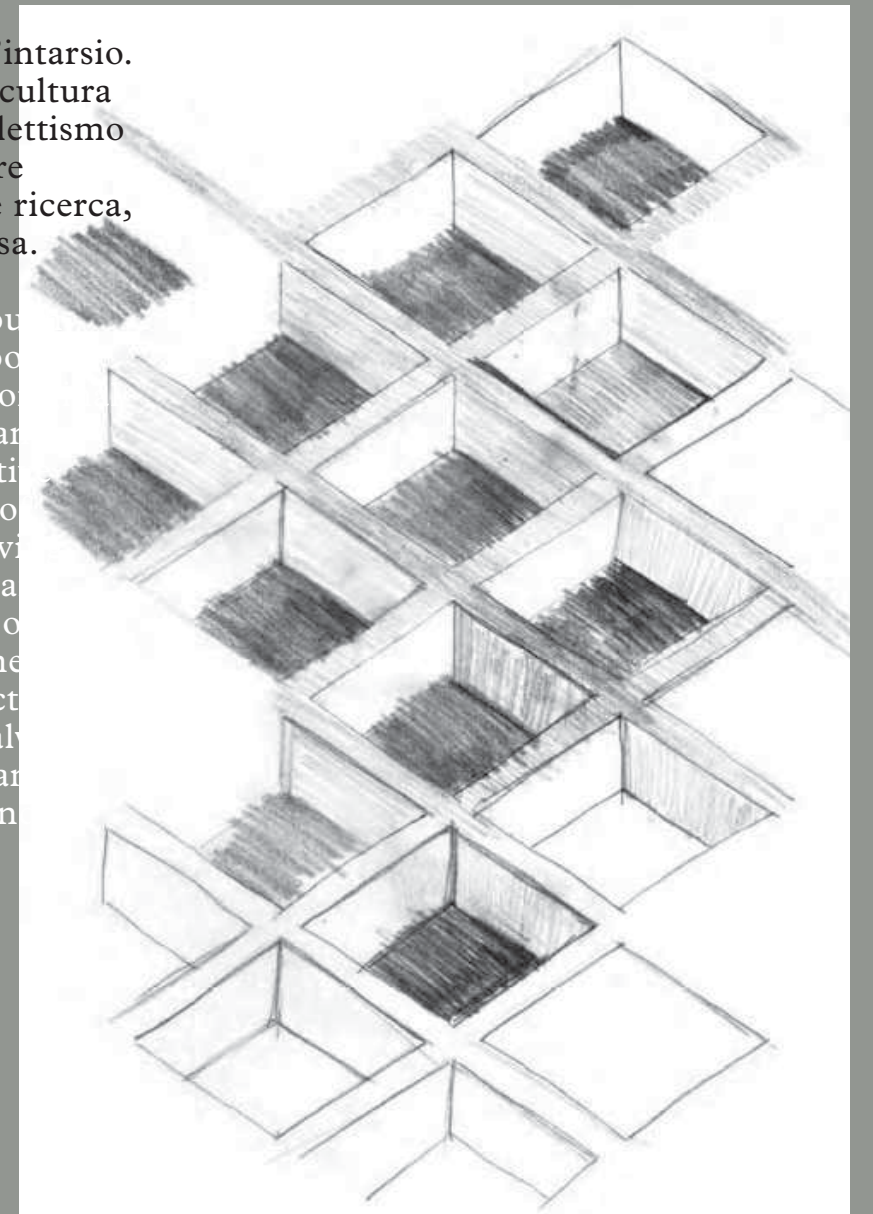
Front Design



Front Design

Il delicato tocco creativo delle Front incontra il legno ALPI attraverso la sofisticata poesia e l'originale disegno dei tranciati Drapery Wood e Grid Wood. Alla base un processo creativo che si è focalizzato sullo studio di inediti effetti decorativi dando vita ad affascinanti sperimentazioni contemporanee dell'arte dell'intarsio. Una nuova espressione della cultura progettuale di ALPI e dell'eclettismo del duo svedese che da sempre concilia produzione in serie e ricerca, funzionalità ed effetto sorpresa.

The delicate creative touch of Front meets with ALPI wood the sophisticated poetry and original design of the Drapery Wood and Grid Wood veneers. The creative process focuses on the study of unusual decorative effects, giving rise to fascinating contemporary experimentation with the art of inlays. A new expression of the culture of ALPI and the eclectic of the Swedish duo that has already reconciled serial production and research, functional quality and surprising effects.



Kengo Kuma

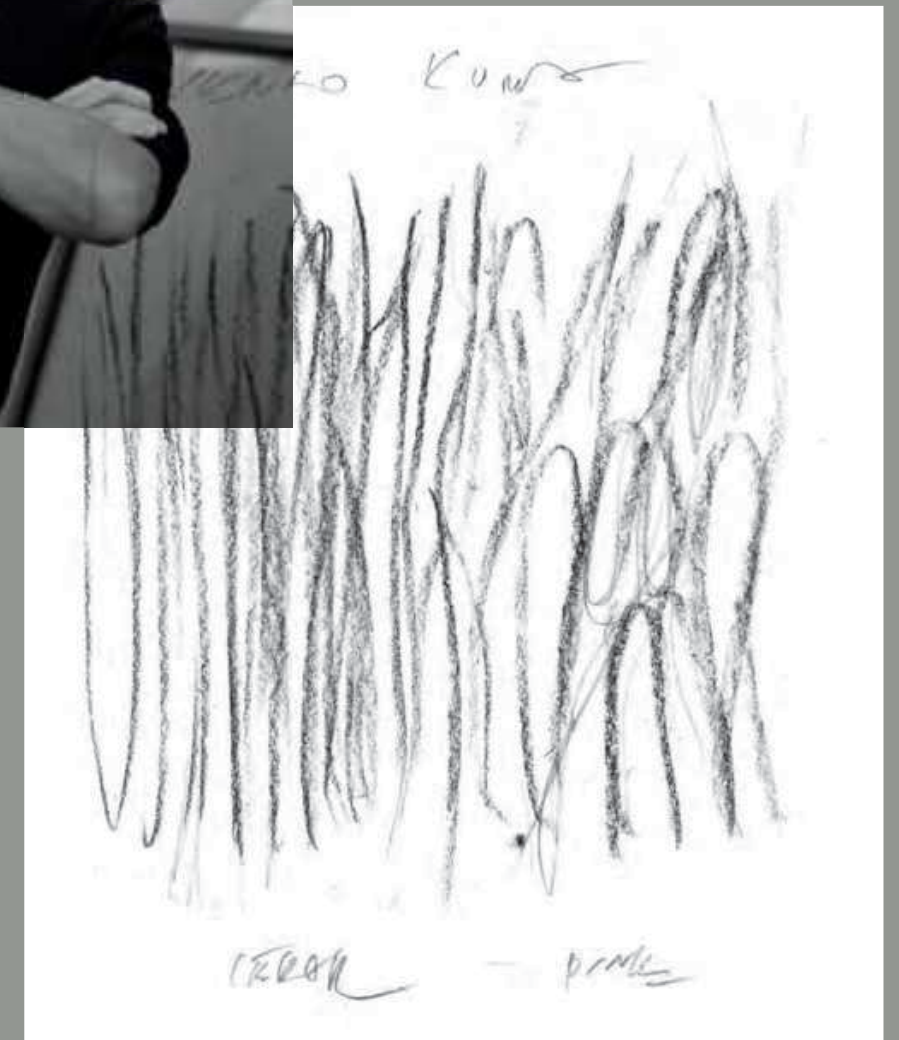
Le proposte firmate da Kengo Kuma, attraverso l'esplorazione della forza e ruvidità della natura, raccontano l'identità espressiva del materiale nel suo aspetto primordiale, utilizzando la corteccia dell'albero come segno comunicativo. La cifra stilistica dell'architetto giapponese è quella di un'architettura realizzata con elementi legati indissolubilmente alla natura; la corteccia rappresenta la caratteristica più vistosa che racchiude l'essenza della materia proposta nei legni Cedar Bark e Maritime Pine Bark, perfette espressioni delle infinite potenzialità progettuali della gamma ALPI.

The designs of Kengo Kuma, through exploration of the rugged force of nature, narrate the expressive identity of the material in its primordial state, using tree bark as a communicative sign. The stylistic signature of the Japanese architect is that of an architecture made with parts that are inseparably linked to nature; bark represents the most evident characteristic that embodies the essence of the material, presented in the woods Cedar Bark and Maritime Pine Bark, perfect expressions of the infinite design potential of the ALPI product range.

Kengo Kuma



Photo © J.C. Carbone



The Campana Brothers



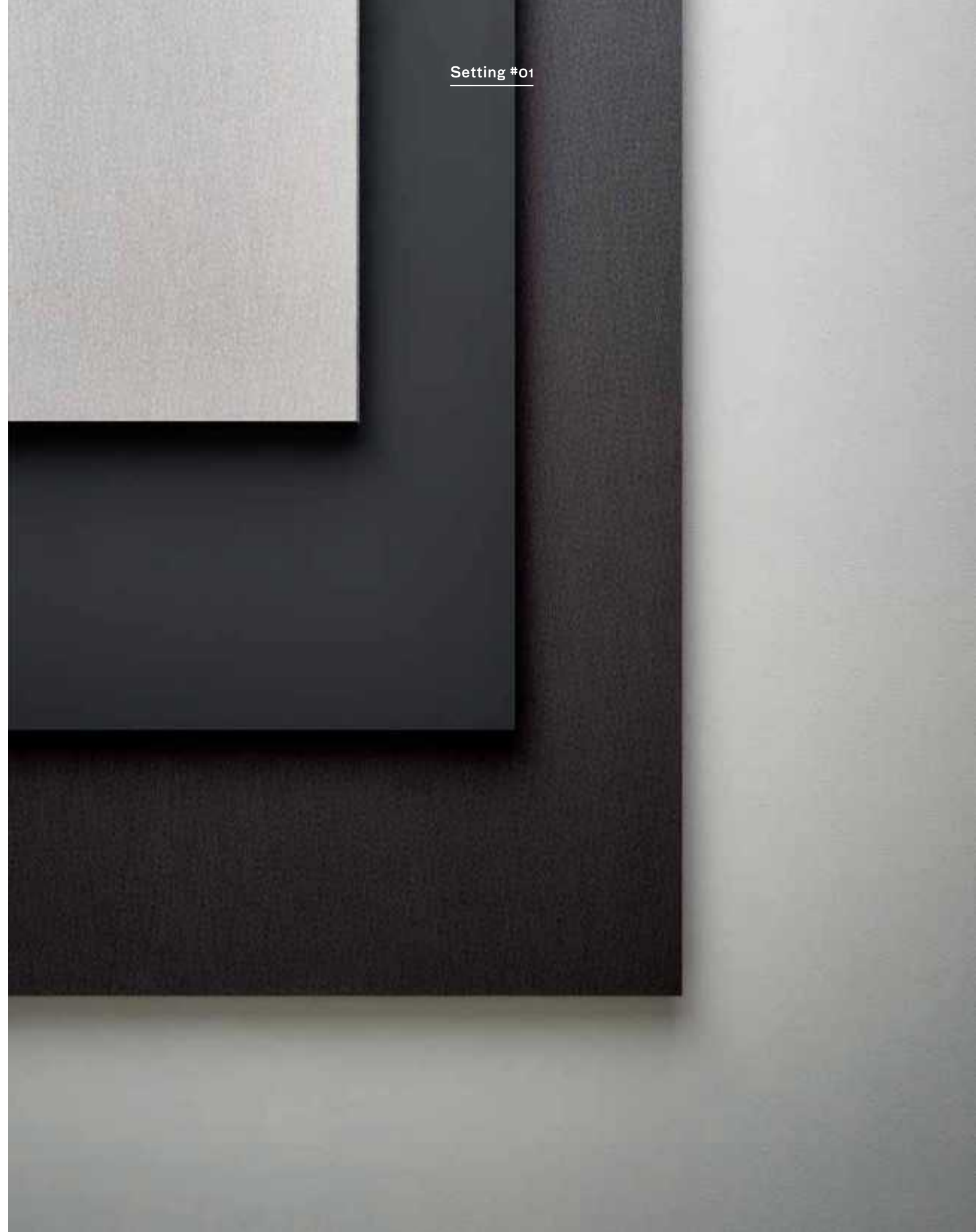
Courtesy of Estudio Campana. Photo by Fernando Laszlo

The Campana Brothers

Le incredibili espressioni dell'Amazzonia hanno ispirato i Fratelli Campana nel processo creativo delle texture dei tranciati Piaçava e Pirarucu. Due legni caratterizzati da un carattere del tutto originale seppur con precisi rimandi al mondo naturale in linea con l'approccio creativo dei due designer che da sempre attingono per le loro creazioni alle tradizioni locali. Le linee del disegno grafico sono invece al centro dell'innovativa ed originale proposta Sushi, che sfidando la natura, ricrea un dinamico e sognante pattern. Due collezioni che sottolineano la ricerca progettuale del duo, incentrata sull'idea di trasformazione e reinvenzione della materia prima, conferendole tratti preziosi e inediti inserendo elementi di pura creatività.

The incredible expressive force of the Amazon region inspires the Campana Brothers in their creative process, as seen in the textures of the Piaçava and Pirarucu veneers. Two woods with an entirely original character, though with precise references to the natural world, in line with the creative approach of the two designers, who have always drawn on local traditions in their inventions. On the other hand, the lines of graphic design are at the center of the innovative and original proposal Sushi, which defies nature to recreate a dynamic, dreamy pattern. Two collections that highlight the design research of the duo, focused on the idea of transformation and reinvention of the raw material, granting it precious, novel features by inserting elements of pure creativity.

A1. /Piero Lissoni





Setting #01

Ikat

“Ikat” deriva dalla parola malese “mengikat “ in italiano “legare”, ovvero una tecnica tradizionale di tintura a riserva dove parti dei filati vengono protette tramite una stretta legatura per non essere tinte, mentre le parti slegate si colorano. La tessitura dei fili trattati crea così un disegno particolare caratterizzato dalla creazione dei disegni dall’incrocio di ordito e trama, spunto creativo della collezione di legni ALPI Ikat che richiama motivi geometrici semplici, e leggermente sfuocati, abbinando tinte dalla tonalità simile o in delicato contrasto. Un trasferimento dell’arte tessile sul legno, che stimola nuove sensazioni estetiche e sensoriali, tradotte come rivestimenti in un contesto domestico.

“Ikat” comes from the Malay term “mengikat,” meaning “to tie,” a traditional coloring technique where parts of the yarn are protected by tight bindings to keep the dye from penetrating, while the unbound parts take on color. Weaving the yarns dyed in this way creates a particular design in the crossing of the warp and weft, which becomes the creative stimulus of the ALPI Ikat collection of woods, based on simple and slightly shaded geometric motifs, combining similar or delicately contrasting tones. A reference to textile art in wood that stimulates new aesthetic sensations, translated as coverings in a domestic context.



18.54 ALPI Ikat 3 18.55 ALPI Ikat 2
18.56 ALPI Ikat 1 White 18.57 ALPI Ikat 1 Dark Grey

Piero Lissoni



18.02 ALPI Xilo 2.0 Striped Sand 18.10 ALPI Xilo 2.0 3-Flamed Sand
18.22 ALPI Xilo 2.0 Planked Sand 18.18 ALPI Tarsie 1 Grey 18.15 ALPI Tarsie 3 Sand 18.14 ALPI Tarsie 2 Black

Setting #02

Piero Lissoni



Xilo 2.0 + Tarsie

Xilo 2.0 trae la propria forza dalla perfetta intensità della natura e si definisce attraverso una calibrata scala cromatica di quattro colori in sequenza, dal chiaro allo scuro. Tarsie è una reinterpretazione di tre motivi geometrici della tradizione lignea riprodotti attraverso un decoro ad effetto intarsio in un delicato accostamento di diversi toni chiari e scuri: Tarsie 1 abbina in un gioco solo apparentemente irregolare le diverse cromie della collezione ricreando il classico motivo spinato; Tarsie 2 si distingue per l'elegante motivo a losanghe creato combinando due gradazioni di colore; Tarsie 3 invece propone un decoro a correre ispirato all'estetica al parquet industriale che mixa diverse tonalità.

Xilo 2.0 gets its force from the perfect intensity of nature, and is defined through a balanced chromatic scale of four colors in a sequence from light to dark. Tarsie is a reinterpretation of three geometric motifs of the woodworking tradition, reproduced through an inlay-effect pattern in a delicate juxtaposition of different pale and dark tones: Tarsie 1 combines the different hues of the collection in an only apparently irregular game, recreating the classic herringbone motif; Tarsie 2 stands out for its elegant diamond pattern, created by combining two shades of color; Tarsie 3, on the other hand, has a running decorative pattern inspired by the image of industrial wood flooring, mixing different tones.





18.11 ALPI Xilo 2.0 3-Flamed Grey 18.09 ALPI Xilo 2.0 3-Flamed White 18.26 ALPI Xilo 2.0 1-Flamed Sand 18.08 ALPI Xilo 2.0 Striped XL Black
18.21 ALPI Xilo 2.0 Planked White 18.02 ALPI Xilo 2.0 Striped Sand 18.52 ALPI Xilo 2.0 2-Flamed Grey

A2. / Front Design



18.42 ALPI Grid Wood 18.41 ALPI Drapery Wood



Setting #04



Front Design

Drapery Wood + Grid Wood

L'eclettico duo svedese firma Drapery Wood, il tranciato bicolore che affiancando quadrati di misura identica forma un pattern dall'illusorio effetto ottico di movimento. Come sottende già il nome, infatti, le Front hanno creato un nuovo legno che, ingannando lo sguardo attraverso questo dinamico effetto di profondità, ricorda un drappo. Grid Wood è invece ispirato ad un antico pattern dalla struttura reticolare che grazie all'utilizzo di quattro legni di colori differenti, riprodotti con la tradizionale tecnica dell'intarsio, crea l'illusione di una superficie tridimensionale dalle diverse profondità.

The eclectic Swedish duo has created Drapery Wood, a two-tone veneer that combines squares of identical size to form a pattern with an optical illusion of movement. As the name implies, Front has invented a new wood that tricks the eye with its dynamic effect of depth, making it appear as draped. Grid Wood, on the other hand, is based on an ancient pattern with a reticular structure, which thanks to the use of four woods of different colors joined together, reproducing the traditional inlay technique, creates the illusion of a three-dimensional surface of varying depth.

A3. / Kengo Kuma





Japanese Cedar +
Maritime Pine

Maritime Pine e Japanese Cedar esprimono la loro identità attraverso texture legate alla scoperta ed utilizzo di elementi legati alla natura nell'architettura e design, riproducendo le cortecce del pino marittimo e del cedro giapponese. Il pino marittimo, si caratterizza per la corteccia spessa e fessurata che varia dai toni caldi del rosso a quelli freddi del grigio chiaro. L'albero del cedro, da sempre simbolo di longevità ed imponenza si caratterizza invece per la corteccia che varia dal rosso al marrone e si modifica man mano che l'albero cresce: nella parte più vicina alle radici, appare liscia, per poi divenire rugosa e longitudinalmente fessurata, sviluppandosi verso l'alto.

Maritime Pine and Japanese Cedar express their identity through textures connected with the discovery and use of elements linked to nature in architecture and design, reproducing the bark of the two trees for which they are named. Maritime pine stands out for its thick, cracked bark that ranges from the warm tones of red to the cold ones of the pale gray. The cedar tree, always a symbol of longevity and force, has bark ranging from red to brown, that gradually changes as the tree grows: it is smooth on the part closer to the roots, and rugged with longitudinal cracks on the upper part of the tree.

18.46 ALPI Japanese Cedar 18.47 ALPI Maritime Pine



A4. /The Campana Brothers



Setting #06



The Campana Brothers

Sushi

La collezione Sushi, trae ispirazione dal design dell’omonima collezione creata nel 2002 dai Fratelli Campana. Questa innovativa tecnica di rivestimento prevede di arrotolare insieme diversi tipi di tessuti, tappeti, feltro e profili di gomma per creare delle spirali che andranno a rivestire i prodotti ottenendo un effetto anticonvenzionale e innovativo. Il decoro grafico di queste spirali viene riprodotto sul legno ALPI grazie alla cultura sartoriale e maestria dell’azienda, che ha permesso di poter realizzare questo pattern preservandone l’armonia geometrica e sognante, utilizzando dettagli oro e argento: un legno onirico interpretazione dell’immensa creatività del duo brasiliano dove si possono respirare pensieri, poesia, energia e colore.

The Sushi collection gets its inspiration from the design of the collection of the same name created in 2002 by the Campana Brothers. This innovative covering technique calls for different types of fabrics, carpets, felt and rubber profiles to be rolled together, creating spirals that cover products, to achieve an unconventional and innovative effect. The graphic pattern of these spirals is reproduced on ALPI wood thanks to the company’s sartorial culture and technical prowess, making it possible to apply this pattern whilst conserving its dreamy geometric character, using details in gold and silver: an oneiric wood, an interpretation of the immense creativity of the Brazilian duo, filled with thoughts, poetry, energy and color.



18.33 ALPI Sushi Brown 18.34 ALPI Sushi Dark Grey



Setting #07



The Campana Brothers



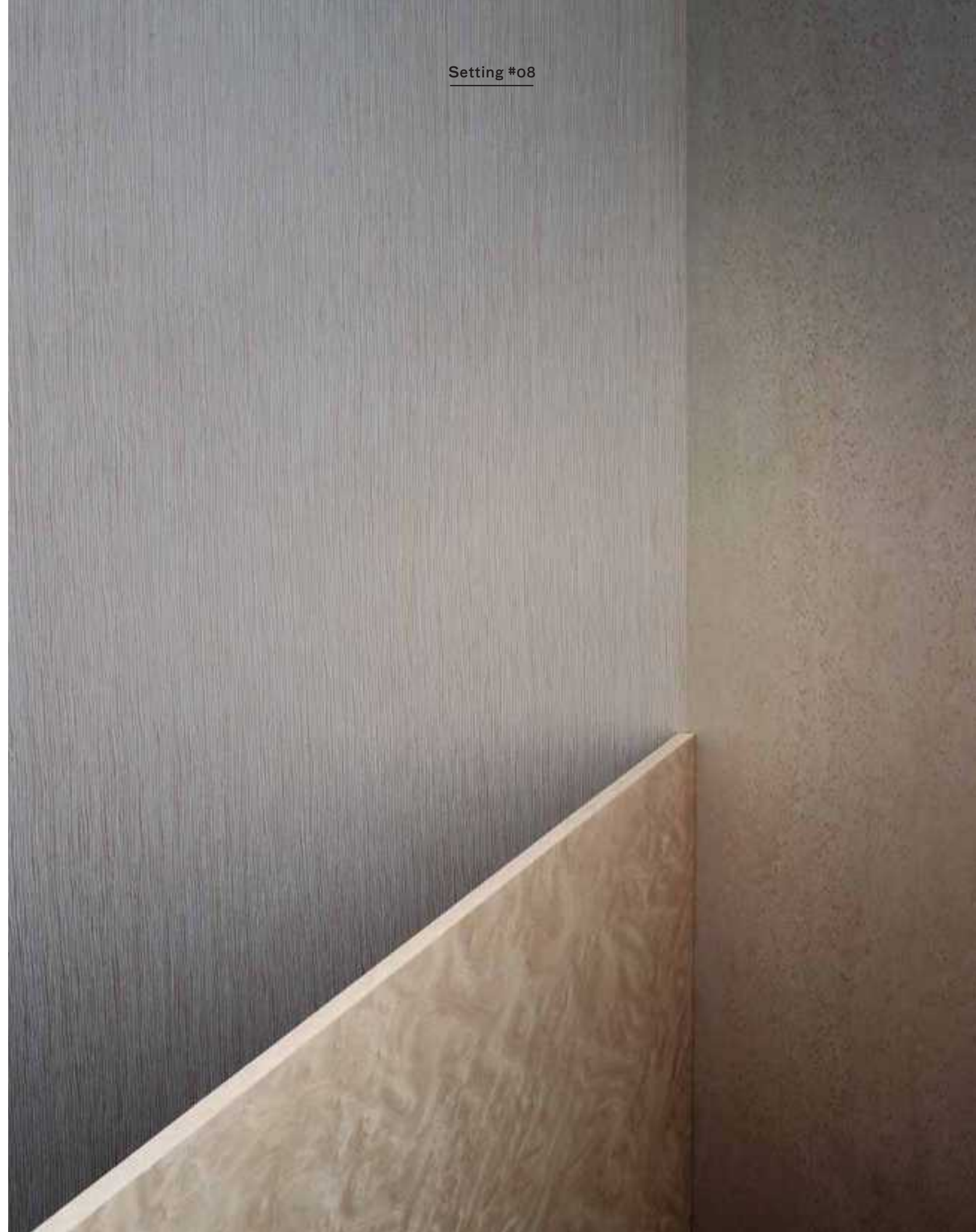
Piaçava + Pirarucu

La particolare texture filamentosa di Piaçava è ispirata all'omonima palma da cocco endemica dell'Amazzonia che raggiunge i quindici metri di altezza, le cui fibre, particolarmente resistenti, vengono utilizzate per la costruzione dei tetti delle capanne. La natura influenza anche Pirarucu che riproduce nella texture la particolare conformazione della pelle - utilizzata nell'artigianato locale - dell'omonimo pesce d'acqua dolce, uno dei più grandi al mondo, anch'esso tipico del Rio delle Amazzoni. Appartenente alla famiglia delle lingue ossee, che risalgono a oltre cento milioni di anni fa, può essere considerato un fossile vivente.

The particular stringy texture of Piaçava is based on the coconut palm of the same name native to the Amazon, which reaches a height of 15 meters. The particularly strong fibers of the plant are used to make the thatched roofs of cabins. Nature also influences Pirarucu, whose texture reproduces the particular image of the scales of a fish of the same name, one of the largest in the world, typical of the Amazon River, a material used by local craftsmen. Belonging to the ancient family of bony-tongued fishes, dating back to over 100 million years ago, the Pirarucu can be considered a living fossil.

B. /Wood
Collection

B1. /Nordic



10.64 ALPI Décapé Oak 10.02 ALPI Erable 10.08 ALPI Myrtle Burl



Setting #08

B1. Nordic

Nordic

Protagonista del mood Nordic è la purezza tipica dello stile scandinavo. Essenze, dallo stile contemporaneo che si distinguono per le sfumature delicate e le tonalità fredde, a sottolineare un forte legame con una natura essenziale. Con Nordic, i legni ALPI si fanno portavoce di uno stile discreto dove il rovere proposto in cinque diverse versioni si completa con tre legni ispirati a delicate essenze come l'acero e il ciliegio, quest'ultimo riprodotto da Piero Lissoni.

The main characteristic of the Nordic mood is the typical purity of Scandinavian style. These woods, with a contemporary style that stands out for its delicate nuances and cool tones, embody a strong bond with the essential aspects of nature. With Nordic, ALPI wood becomes the vehicle of a discreet style, where oak in five different versions is joined by three woods inspired by species like maple and cherry, the latter reproduced by Piero Lissoni.

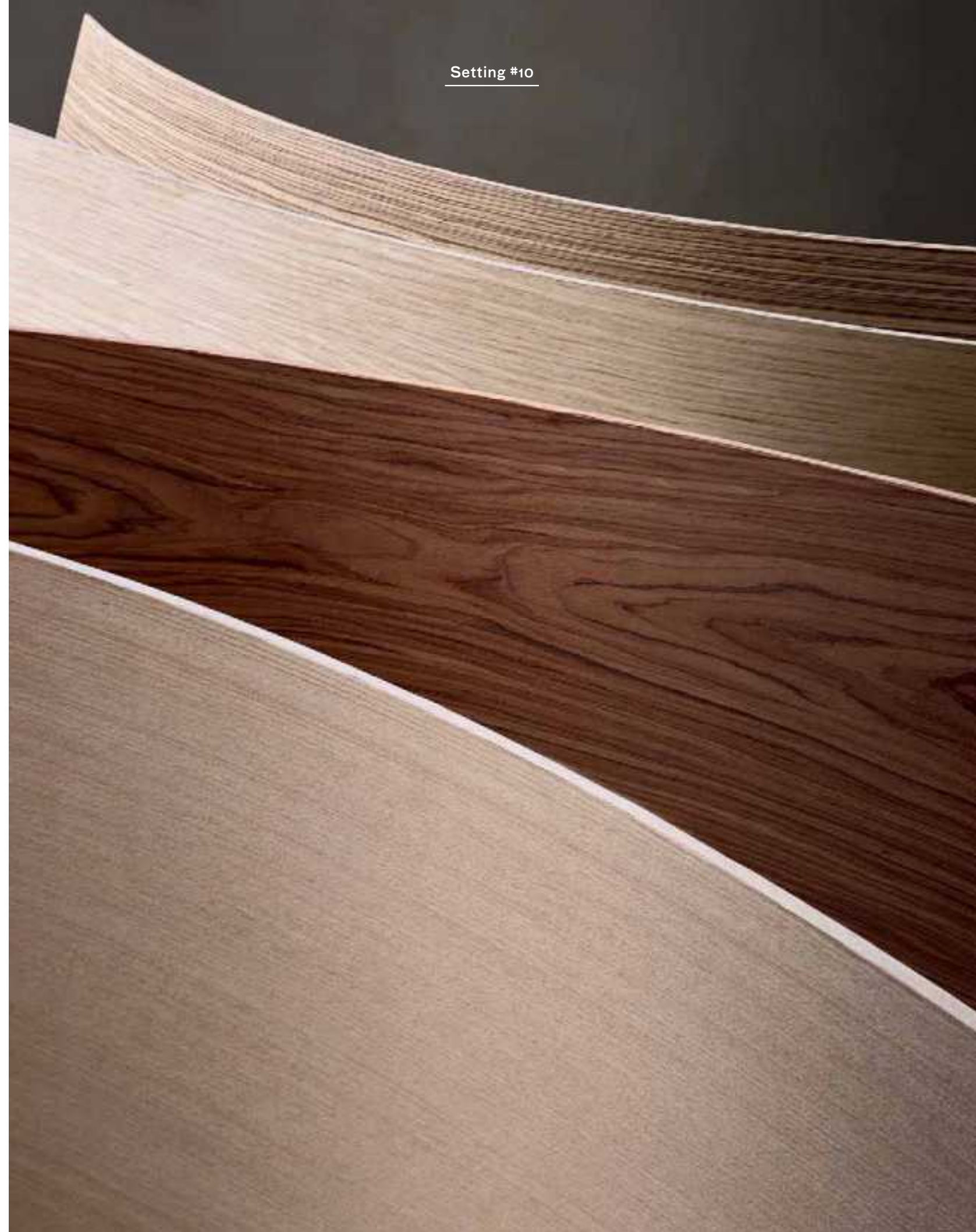


Setting #09

B1. Nordic



B2. / Evergreen



Setting #10

Evergreen

Classici up to date: legni della tradizione, proposte intramontabili dalle sofisticate venature e dall'appeal decorativo, come teak e palissandro, che acquistano un carattere del tutto moderno. Accanto ad essi, radiche rilette e proposte in chiave contemporanea attraverso texture e colorazioni originali.

Updated classics: woods of the tradition, timeless proposals with sophisticated grain and highly decorative appeal, like teak and rosewood, which take on an utterly modern character. Along with these classics, briar is reinterpreted in a contemporary way, thanks to original textures and colors.

10.88 ALPI Zingana 10.84 ALPI Slavony Oak
10.26 ALPI Rosewood 2-Flamed 10.86 ALPI Straight Oak



B2. Evergreen

B3. / Chocolate



Setting #11

B3. Chocolate



10.23 ALPI Indian Rosewood 10.85 ALPI Smoked Oak
10.18 ALPI Balanced American Walnut



B3. Chocolate

Chocolate

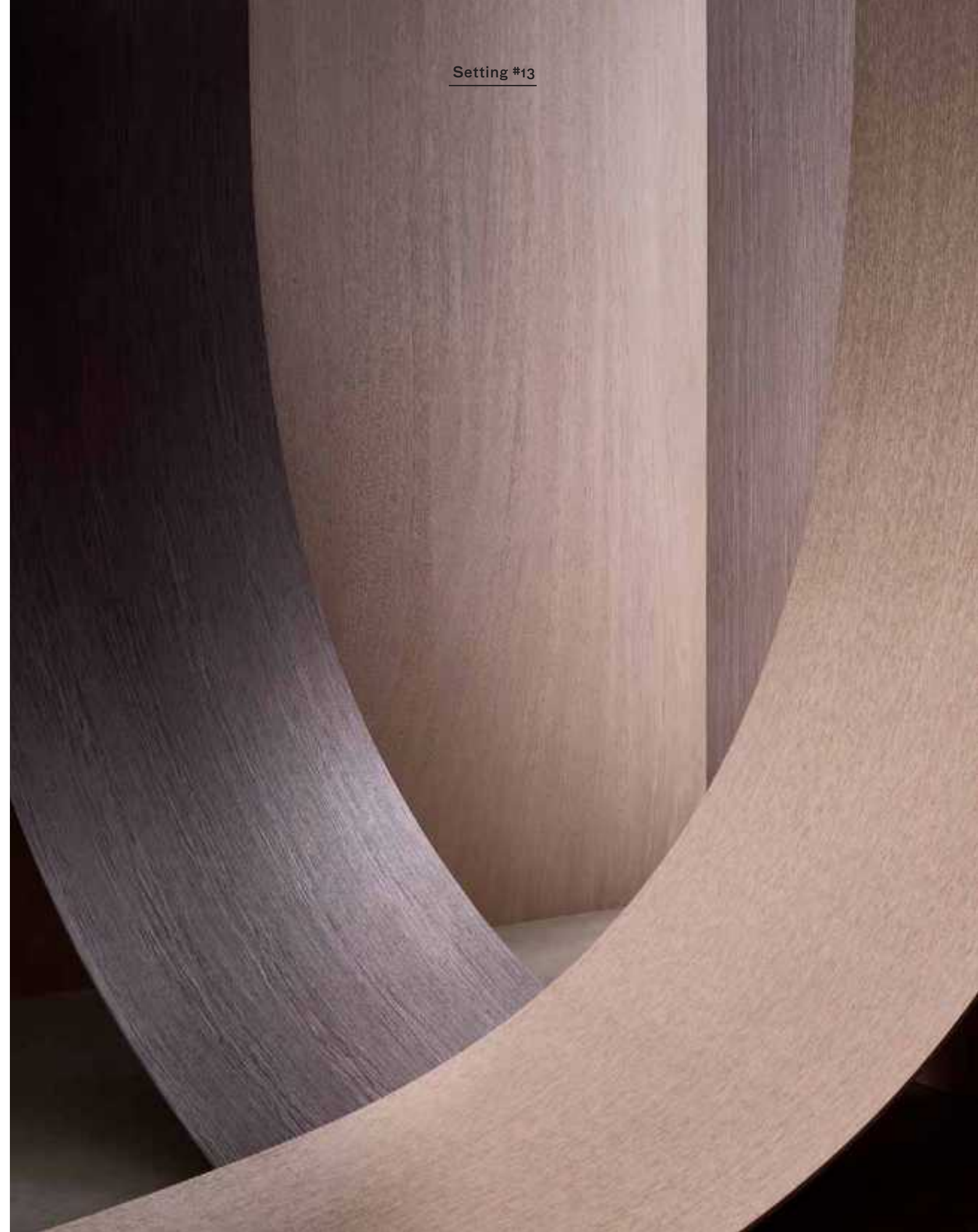
Filo conduttore il color cioccolato, in tutte le sue nuance. Il legno rovere e noce americano vengono declinati in diverse tonalità e nuance dei loro colori naturali, a sottolineare la capacità di ALPI di ricreare infinite tipologie di essenze, soddisfacendo ogni esigenza progettuale. All'interno della collezione Thermo, un'essenza dalle tonalità scura che ricorda quella del caffè tostato, curata da Piero Lissoni, che trae ispirazione dal processo di termo-trattamento che accentua le venature del legno naturale.

The leitmotif here is the color chocolate, in all its shades. Oak and American walnut are deployed in different tones and nuances of their natural colors, to underline ALPI's ability to recreate infinite types of wood, responding to the widest range of design requirements. In the collection, Thermo is a wood with dark tones, like roasted coffee, created by Piero Lissoni, taking his cue from the process of heat treatment that accentuates the grain of natural wood.

10.85 ALPI Smoked Oak 10.42 ALPI Ammara Ebony 10.67 ALPI Dark Oak



B4. / Sand



10.87 ALPI Natural Oak
11.05 ALPI Titanium Oak 11.06 ALPI Light Grey Oak

Setting #13

B4. Sand





B4. Sand

Sand

Essenze selezionate dalla vasta gamma di tranciati ALPI che esaltano lo stile più neutro, sottolineato già a partire dal nome che rimanda ad un elemento naturale, chiaro, puro come la sabbia. Soluzioni all'insegna della leggerezza per progetti che restituiscono carattere agli spazi e alle superfici attraverso una sofisticata selezione stilistica.

Woods selected from the vast range of ALPI veneers to enhance the most neutral style, already emphasized by its name that is a reminder of a natural, pale, pure element. Solutions that bring a sense of lightness to projects, adding character to spaces and surfaces through sophisticated stylistic selection.

Setting #14

B4. Sand



11.05 ALPI Titanium Oak 11.06 ALPI Light Grey Oak

B5. / Grey



Grey

Appeal light dark. Protagonista indiscusso il grigio, gradazione neutra per eccellenza che offre notevole versatilità per ogni ambito progettuale. Una radica d’ispirazione contemporanea declinata in diversi rigati, tono su tono, in più varianti cromatiche accanto a proposte dalla forte valenza espressiva.

Light-dark appeal.
The protagonist is the color grey, the neutral tone par excellence, which offers remarkable versatility in any design situation. A briar with a contemporary tone, interpreted in different striped, ton-sur-ton versions, with a range of color variants alongside proposals of great expressive impact.



Setting #16

B5. Grey



Product Profile

B6. /Textiled

by Matteo Ragni

Setting #17



Setting #17

B6. Textiled



Setting #17

Textiled

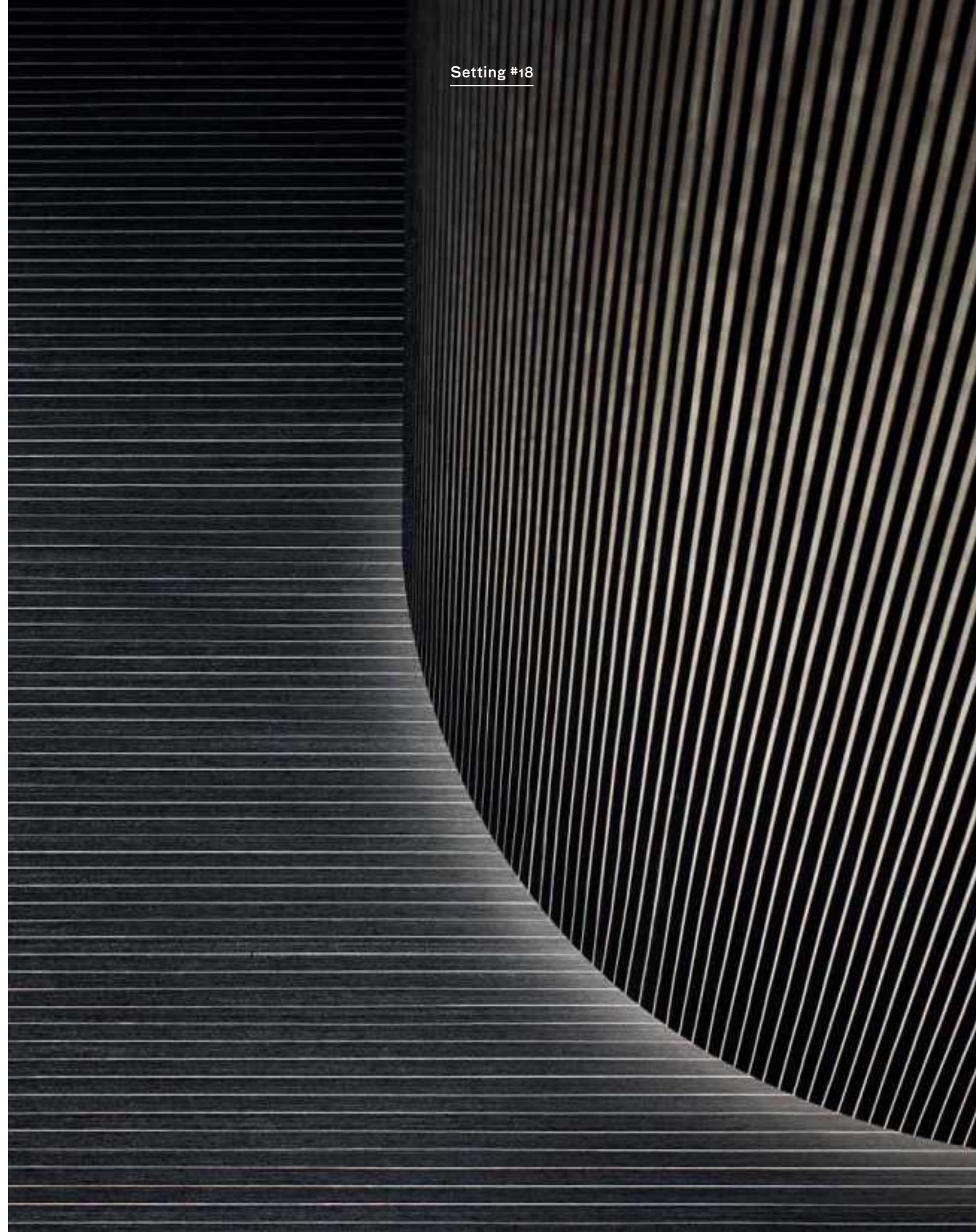
Quattro legni nati dalla collaborazione con il designer Matteo Ragni. Proposte originali, dallo spirito decorativo che giocano sui toni del grigio e del beige. Ad influenzare ALPI e il designer è stato un approccio sartoriale: le texture del tutto originali, non riscontrabili in natura, s'ispirano alla trama dei classici tessuti maschili: twill, gessato, velluto, spinato.

Four woods generated by the collaboration with the designer Matteo Ragni. Original proposals with a decorative spirit, playing with tones of grey and beige. ALPI and the designer have taken a sartorial approach: the utterly novel textures cannot be found in nature, but are inspired by the classic waves of menswear fabrics: twill, pinstripe, corduroy and herringbone.



B6. Textiled

B7. /Wood +



16.01 ALPI Radiant Black 16.11 ALPI Silver Rail Black



Wood +

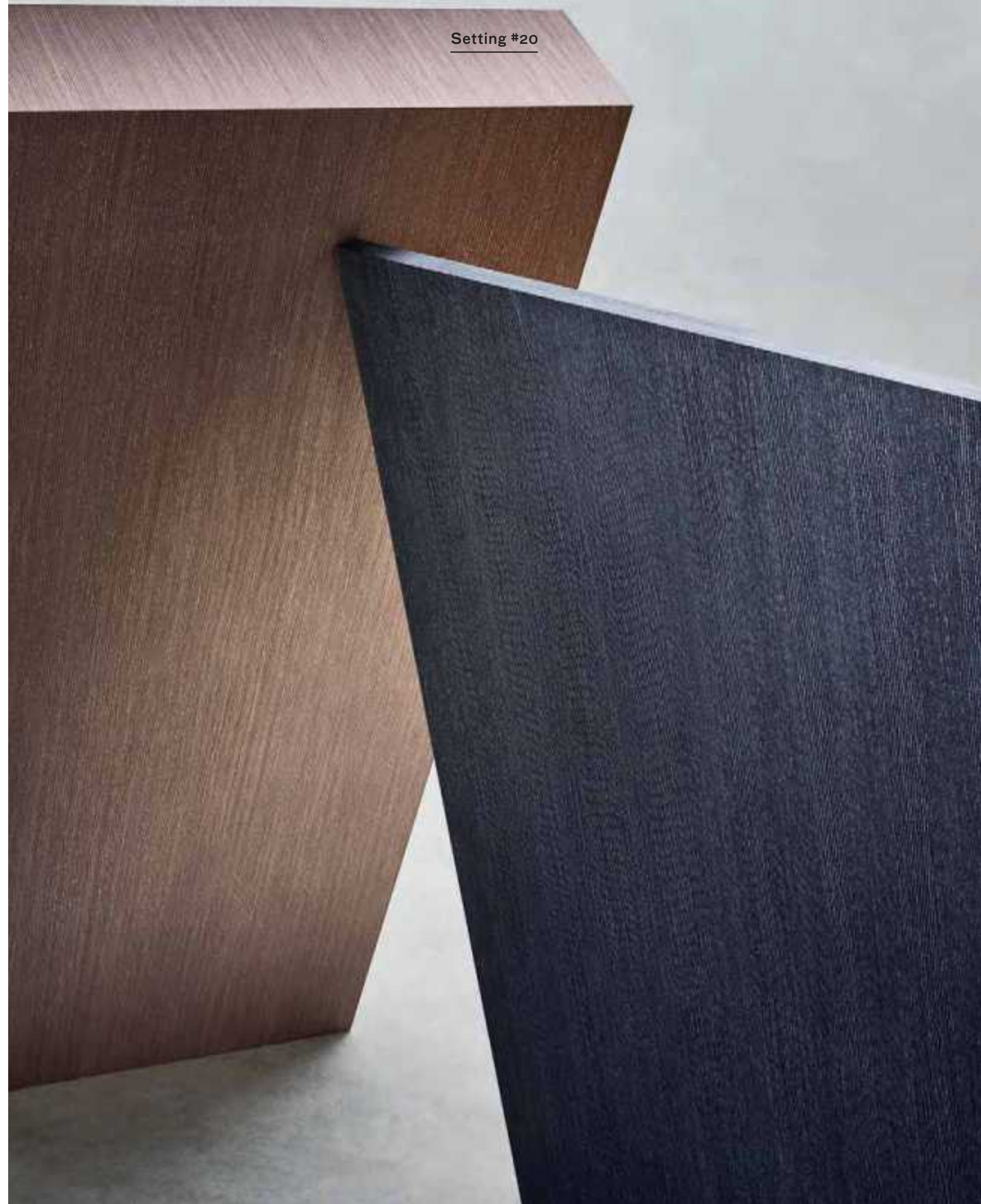
Soluzioni eclettiche che interpretano e anticipano le tendenze del design e dell'architettura, i legni Radiant e Silver Rail, esplorano nuovi confini della materia; concepiti per interagire con la luce sono frutto di una sofisticata tecnologia e delle attente lavorazioni sartoriali di ALPI. Radiant si distingue per le linee di resina che lasciano trasparire la luce, creando affascinanti effetti luminosi. Silver Rail unisce al calore del legno la lucentezza e il rigore del metallo grazie alle linee metalliche che ne scandiscono la superficie riflettendo la luce.

Eclectic solutions that interpret and foreshadow trends in design and architecture, the Radiant and Silver Rail models explore new frontiers for the material; conceived to interact with light, they are the result of sophisticated technology and the sartorial craftsmanship of ALPI. Radiant stands out for its lines of resin that allow light to shine through, creating fascinating luminous effects. Silver Rail combines the warmth of wood with the glow and rigor of metal, thanks to the metal lines that pace its surface, reflecting light.





B8. /Silver





Setting #20

B8. Silver

Silver

Il mood Silver racchiude legni effetto gessato, tono su tono, dal marrone al nero, dal naturale al sabbia, tutti caratterizzati dall'inclusione di microparticelle riflettenti che conferiscono dettagli preziosi di luce alle variazioni cromatiche proposte. Un materiale dal carattere esuberante che si presta ad applicazioni in ambiti progettuali eterogenei, dal product design allo shopfitting, dall'automotive all'interior design e all'arredo.

The Silver mood covers woods with a pinstripe, ton-sur-ton effect, from brown to black, natural to sand, all featuring the inclusion of reflecting micro-particles that add precious details of light to the proposed chromatic variations. A material with an exuberant character that lends itself to application in a wide range of areas, from product design to shopfitting, automotive to interior design and decor.

B9. / Legacy

curated by Piero Lissoni



Setting

B9. Legacy

Legacy

L'identità del materiale è indagata da ALPI per mezzo di un affascinante procedimento produttivo nella nuova collezione Legacy, curata da Piero Lissoni, nella quale una materia come il legno è riprodotta abbracciandone gli elementi intrinseci. Questa raccolta presenta l'essenze perdute quali ebano, teak, wengé, palissandro e zebrano, la cui specie è minacciata o in pericolo d'estinzione e di conseguenza il loro utilizzo è pressoché vietato. La forte valenza estetica, la durabilità naturale e le ottime resistenze meccaniche hanno portato ad un' alta richiesta di questi legni negli anni causando gravi problemi di deforestazione e attività illecite: ALPI vuole preservare la bellezza del materiale riproducendo queste essenze.

The identity of the material is investigated by ALPI through a fascinating production procedure, in the new Legacy collection coordinated by Piero Lissoni, in which the wooden material is reproduced by accentuating its intrinsic features. This collection is composed of “lost” or endangered woods like ebony, teak, wenge, rosewood and zebrawood, whose use is practically forbidden today. Their aesthetic virtues, natural durability and excellent structural properties have led to great demand for these woods over the years, causing serious problems of deforestation and illegal harvesting: ALPI wants to preserve the beauty of the materials, reproducing these fine varieties.



C. /Technical
Data Sheet

Technical Features

ALPIlignum is a decorative multilaminar wood veneer that complies with standard ISO 18775.	
Average Weight Composition /	
Poplar wood and/or Ayous wood, and/or Basswood	70-80%
Resins	16-26%
Dyes	< 1%
Moisture content	min 4% - max 14%
Being a wood product, ALPIlignum's moisture content may vary depending on environmental conditions during transport and storage.	

Possible Dimensions /	
Poplar Veneer	length 2000-2200-2300-2500-2600 mm width 340* and from 600 to 680 mm**
Ayous Veneer	length 2000-2200-2500-2800-3150 mm width 340* and from 600 to 680 mm**
Basswood Veneer	length 2200-2500-2800-3150 mm width 340* and from 600 to 680 mm**
Veneer dimension may be customized upon request and for specific product lines. 18.42, 18.15, 18.16, 18.17, 18.18 Delivered already backed with a fleece paper. *On selected product only. **With the exception of some product lines.	

Thickness /	
0.5-2.5 mm	with the following nominal thickness intervals
Up to 1.5 mm (included)	nominal interval 0.05 mm
Over 1.5 mm	nominal interval 0.10 mm
We can customize veneer dimensions for specific product lines upon request.	

Dimensional Tolerances /	
Length and Width	pursuant to sales agreements
Thickness	complies with standard ISO 18775

Wood Density /
450-900 kg/m3 (measured in compliance with standard IS9427)

Veneer /
ALPI veneer is the core and symbol of the ALPI universe, the highest expression of the R&D activities, and the perfect combination between technological innovation and fine craftsmanship. This product offers unlimited customization and aesthetic variety. It can be applied to any surface, and supplied in different thicknesses for different uses. It is therefore extremely versatile, ready to respond to any design needs in terms of function and looks. By request, ALPI wood is available with FSC® certification (FSC-C004666), the most authoritative on an international level, guaranteeing the responsible forest management of the raw materials. ALPI veneer also comes in the ALPIform version, bonded with non-woven fleece back, thus combining the aesthetic virtues of wood with the great flexibility made possible by the special fabric backing, making the product ideal for soft-forming. ALPIform permits very sharp curvature and reduction of waste. It is easy to stain and varnish, making it ideal for the cladding of curved surfaces or the creation of wrapping edge banding.
Usage sectors /

Surfaces for furnishings; surfaces and facings for interior architecture; hotels, multi-apartment and residential complexes, shops, retail outlets, offices, public spaces; wood for floors, window and door frames, wall paneling, acoustic paneling; surfaces and facings for the interiors of yachts and cruise ships; dashboard surfaces and interior finishing for automobiles; objects.

Technical Features

Formaldehyde Emission /
In compliance with E1 (analyzed according to EN 717). On request ALPI can supply ALPIlignum with two levels of formaldehyde emissions below the E1 standard: BE - ALPIlignum with a formaldehyde emission level equal to a fraction of the E1 standard. ZeroF - ALPIlignum without added formaldehyde. It is in any event impossible to guarantee a complete absence of formaldehyde in ALPIlignum wood veneers as formaldehyde is a naturally-occurring substance in wood.

Light Fastness /
ALPIlignum is not a finished product and therefore its resistance to light in part depends on the cycle and chemical nature of the finish. On demand, ALPI can supply a version of ALPIlignum which, if varnished with an appropriate varnishing cycle, can achieve values of > 3 on the grey scale(UNI EN 15187:2007). The buyer is advised that discoloring may occur. It is recommended that the buyer perform advance tests depending upon the particular purpose and intended use in order to optimize results.

Mechanical Specifications /
The mechanical characteristics of ALPIlignum depend on the nature of the finish and the type of backing. It is recommended that the buyer perform prior tests depending upon the particular purpose and intended use in order to optimize results.

Colour and Structure /
Being a natural wood product, ALPIlignum may vary in its reference colour. It is recommended that before use the buyer check both the colour and the grains of the delivered product as against the ordered product.

Storage /
ALPIlignum is mainly made of wood and its moisture content may therefore be subject to variation depending on the storage and work environment. It is therefore advisable to maintain humidity in the range between 40% and 70% (RH) and a reference ambient temperature of 20°C.

Warnings /
Avoid - even temporarily- any contact with water and other liquids. Avoid any moisture condensation on product surface. The product must be stored on a flat surface at least 200 mm to the ground. ALPIlignum must be protected from direct and indirect light.

Recommendations for Use

Veneering /
Glueing With Urea Glues ALPIlignum veneer can be glued on all wood backing using by means of urea glues. Different kinds of backing must be tested and assessed on a case-by-case basis. The quantity of glue to be used per square meter depends on the base type and thickness, on the veneer structure (quartered cut, tangential cut, burl, etc.), on its thickness and on the type of pressing. It is generally advisable not to use more than 150 g/m² of glue at pressures ranging from 1.5 to 5 bars. The recommended veneering temperature may range between 85°C and 120°C. The glue may be added with organic or inorganic fillers to modify its rheological properties in order to control bleeding through the veneer layer. The use of pigments with similar shades to the veneer base color is always recommended. Basswood-based products should be veneered on panels, using urea glue with an application of at least 120/140g/m².

Glueing With Vinyl Glues ALPIlignum veneer can be glued on all wood support using vinyl glues. Different kinds of support need to be previously tested. Because of the thermoplastic features of this type of glue, the quantity to be applied must be carefully measured according to the type of veneering in order to avoid undesirable pass-through of the glue which would prove difficult to eliminate through sanding. It is generally advisable to use between 80 and 100g/m² of glue at pressures ranging from 1.5 to 3.5 bars. The advisable veneering temperature may vary between 60°C and 90°C. The use of pigments with similar shades to the veneer base color is always recommended.

Glueing With Hot Melt Glues ALPIlignum veneer can be glued on all wood backing using hot melt glues such as polyolefin, EVA and reactive polyurethane. Different kinds of backing need to be tested. This type of glueing is mainly used to bond small surfaces, such as edges, with the help of automatic systems that have a mechanical clamp. The use of other veneering systems must be checked through preliminary testing. In every case, however, it is advisable to follow the instructions provided by the glue supplier.

Sanding /
After the veneering process ALPIlignum must be sanded in order to prepare and clean the surface for the varnish application. This process must be carried out with 120-150-180 grit sandpaper in a single step or in sequence using manual or automatic sanding machines. The use of 100 grit or 220/240 grit sandpaper is advised only for special decorative effects. The transversal sanding process with 120-150-180 grit sandpaper must be carried out at low strength and in any case may cause some microgroove traces and superficial rifts mainly on basswood-based ALPIlignum, it is advisable to follow the instructions provided by the glue supplier.

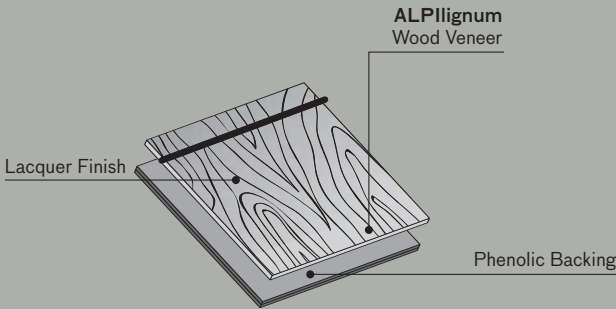
Mechanical Specifications /
Like all other types of wood, the varnishing process for ALPIlignum must be performed with a suitable product capable of protecting and preserving the wood as much as possible from chemical and physical deterioration (photodegradation, thermal decay, etc.) as well as from mechanical degradation (scratches, dents, etc.). Wood veneer can be stained without any particular problems. ALPIlignum can be varnished with any product or method recommended for wood treatments. However, the best results are achieved by selecting, among the various classes of products, those with the following characteristics: - High wetting power - High yellowing retardation power - High UV protection

As for water paints, it is advisable to use products that are stable at a moderately acid pH (4-6), such as specific products destined for acid hardwoods. It is common practice to follow the instructions provided by finish manufacturers and to carry out preventive tests before proceeding to varnishing.

Please contact ALPI's technical office for any further clarification. This technical data sheet supersedes and replaces any previous version. The information and recommendations herein have been complied from the current information held by ALPI and may be our best knowledge updated to perform the higher results of the applications.

Technical Features

	Groove /	Light Gloss - Bright Gloss /	Wax /
Nominal Thickness	1.0 mm	1.0 mm	1.0 mm
Grade	Postformable	Postformable	Postformable
Bending Radius*			
Longitudinal	20 mm	20 mm	20 mm
Transversal	20 mm	20 mm	20 mm
Postforming Temperature	145°C (288F)	145°C (288F)	145°C (288F)
Weight Per Sqm	1.1 kg	1.1 kg	1.1 kg
Dimensional Variations			
Longitudinal	0.4%	0.4%	0.4%
Transversal	1.2%	1.2%	1.2%
EN 438-2, 17 (2005)			
Abrasion Resistance*	> 80 Taber turns	> 100 Taber turns	> 100 Taber turns
EN 438-2, 10 (2005)			
Stain Resistance	No effect	Halo caused by acetone	No effect
EN 438-2, 26 (2005)			
Lightfastness (Xenotest)	> 2 Grey scale	> 2 Grey scale	> 2 Grey scale
EN 438-2, 27 (2005)			
Formaldehyde Emission	0.2 mg/m²h	0.2 mg/m²h	0.2 mg/m²h
EN 717-2			



Prefinished veneer /

The ALPI veneer is prefinished with state-of-the-art products and varnishes to bring out its natural beauty. The result is a large wood panel ready for application to any surface, permitting reduction of time devoted to installation, varnishing and finishing. The practicality of prefinished wood is joined by the properties of quality, uniqueness and customization, with the environmental certifications assigned to all ALPI veneers.

Usage sectors /

Surfaces for furnishings; surfaces and facings for interior architecture; hotels, multi-apartment and residential complexes, shops, retail outlets, offices, public spaces; surfaces and facings for the interiors of yachts and cruise ships.

Finishes /

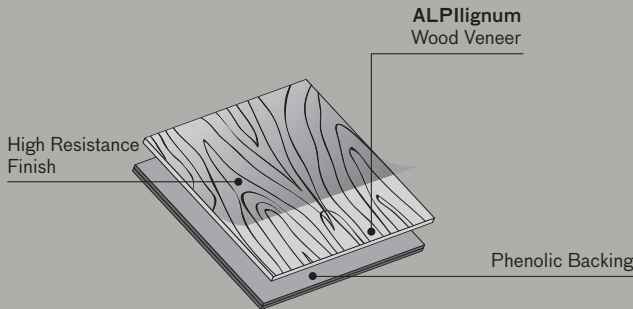
ALPIkord veneers come in a range of finishes. The four standard finishes combine and enhance different tactile and visual sensations:

- Groove** (5 gloss), achieved by brushing the wood to bring out texture and consistency, for an incredible tactile effect associated with a sensation of great natural character, similar to that of unfinished wood.
- Wax** (5 gloss), matte varnish gives the wood a delicate look typical of wax-based treatments and natural oils.
- Light Gloss** (15 gloss), enhanced by a delicate sheen, this elegant and refined solution offers the classical tone of the crafts tradition for the hand and the eye.
- Bright Gloss** (40 gloss), lustrous, illuminating finish.

Technical Features

	Soft - Matt - Pore - Brushed /	Soft - Matt - Pore - Brushed* 🌀 /
Nominal Thickness	1.0 mm	1.0 mm
Weight Per Sqm	1.2 kg	1.3 kg
Dimensional Variations		
Longitudinal	0.4%	0.9%
Transversal	1.1%	1.4%
EN 438-2, 17 (2005)		
Abrasion Resistance*	> 350 Taber turns	> 350 Taber turns
EN 438-2, 10 (2005)		
Stain Resistance	No effect	No effect
EN 438-2, 26 (2005)		
Lightfastness (Xenotest)	> 2 Grey scale	> 2 Grey scale
EN 438-2, 27 (2005)		

* 🌀 Fireproof IMO MED Certificate / CLASS B-s1.do



High-resistance prefinished veneer /

A particular finish is applied to the ALPI veneer to respond to the demand for high resistance surfaces. By request, it is also available in a flameproof version, in compliance with IMO MED, CLASS B-s1.do standards.

Usage sectors /

Surfaces for furnishings; surfaces and facings for interior architecture; hotels, multi-apartment and residential complexes, shops, retail outlets, offices, public spaces; surfaces and facings for the interiors of yachts and cruise ships.

Finishes /

ALPIrobur veneers come in a range of finishes:

- Brushed** a three-dimensional, very materic finish with a brushed effect
- Soft** a finish with a natural effect in terms of touch and image
- Matt** an almost imperceptible matt finish
- Pore** open-pore finish

Recommendations for Use

Application Tips /

To ensure appropriate counterbalancing it is advisable to use the same type of product, although the process may also be conducted using HPL matching the characteristics of the face. In any case, specific production tests should be carried out to evaluate the suitability of the product utilized over time (48/72 hours).

Application with Steel Plate Press /

The utmost attention is required when using a steel plate press. It is necessary a perfect cleaning of the plates to avoid dents or damage to the finished surface. Damages to a varnished or melamine surface may be caused by particles left between the metal plates and are difficult to repair. During the application of ALPIkord, the protective film must be perfectly laid out on the surface to avoid thickness-related marks. Veneering glue must be applied in a quantity such as to avoid lateral leakage under pressure and damage to the decorative surface. When using thermo-hardening glues, the press temperature should never exceed 105°/110°C for longer than 1/2 minutes. Application of ALPIkord to supports with a high thermic dimensional coefficient (metallic and other surfaces) may result in alterations to its flatness and possible delamination due to rapid changes in temperature and humidity.

Application with Contact Adhesive /

Contact adhesives may be applied by hand or machine, taking care to wait the complete evaporation of solvent. ALPIkord/ALPIrobur sheets must be applied with a firm contact pressure using roller presses or hand rollers.

Postforming (ALPIkord only) /

In the static postforming process, an excessive speed of hot bar in conjunction with a not proper temperature can cause micro and macro fractures on the curved part. The long contact of hot forming bar on the wooden surface may cause a blistering effect on the film of varnish. In the dynamic postforming process, if the panel moves too quick fractures may be caused in the curved part of the pattern. The wrapping mould part must be of regular and constant shape along its entire length. Glue applied to the surface must be of appropriate grammage and temperature in order to avoid detachment and surface defects. The pressure rollers and bars creating the curve envelope must be kept very clean, accurately regulated along the outline of the curved edge, and be fully wrapped in rubber (between 50 and 80 Shore hardness). Sheets of ALPIkord must be conditioned at temperatures of at least 15°/20°C for a period of 24/48 hours in order to avoid the excessive fragility of patterns when curved. Changes of decorative wooden pattern may need to update the postforming parameters.

Warnings /

Like a natural wood, for ALPIkord/ALPIrobur surfaces it is not possible to guarantee absolute colour consistency between different manufacturing lots. Any slight difference in colour between two or more production batches cannot be considered a defect. Just like natural wood, ALPIkord/ALPIrobur react to direct and indirect, solar and artificial light. A gradual change of colour appearance over time, is accelerated by heat and moisture, since it is a natural phenomenon rather than a defect. With its melamine finish, ALPIrobur perform high levels of resistance to the abrasion, and it is particularly suitable for horizontal surfaces. The colors of an ALPIrobur code cannot be perfectly matching the corresponding ALPIkord code, since this last one is coated with a transparent varnish.

Cleaning /

ALPIkord/ALPIrobur surfaces are easy to clean with a damp natural fibre cloth dipped in distilled water. If necessary add non-abrasive detergent. For more heavy stains, use alcohol, ammonia or other light solvents. Never use acetone or varnish solvent on the ALPIkord Light Gloss and Bright Gloss finish.

Storage /

ALPIkord/ALPIrobur must be stored horizontally, face-to-face, in an environment where the temperature is between 10°C and 30°C and the relative humidity between 40% and 60%; all sheets on a pallet but never be laid directly on the floor. Like all wooden surfaces, to ensure good conservation over time, it should be protected from light with non-transparent and if possible dark coverings. Sheets should always be handled by two people.

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Edgeband

To complete the range of all the decorative of ALPI's surfaces, the ALPIdecos edgeband are the ideal solution for consumers requiring a full range of high-quality products to obtain a maximum focus on their production details.

ALPIdecos-ABS it is a wooden edgeband, backed by an ABS support, coordinated in the same color as the wood surface. It is supplied matching ALPIkord products in terms of colors and finishes.

ALPIdecos-FBK it is a wooden edgeband backed by non-woven fabric, suitable for soft-forming and finishing of curved surfaces. It may be coordinated with the products of the ALPIlignum range. Available in different options as raw and pre-varnished finishes.

ALPIdecos-STR it is an edgeband made with multiple wooden layers. It fits perfectly for those who require a product of greater thickness matching with the products of the ALPIlignum range. Available in different options as raw and pre-varnished finishes.

Aknowledgments

Größte Auswahl, bester Service!



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