

Prices valid from June 2015

PRICE LIST 2015

Listone
Giordano®



Listone Giordano®

**SIGN YOUR WOOD FLOOR
WITH LISTONE GIORDANO ALUMINIUM PLATE**

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FOREST MANAGEMENT: BIOSPHERA



Biosphera is a marking system based upon Listone Giordano's green procurement policy to provide consumers with brief, clear and useful information on the origin of raw materials.

It focuses solely on the safeguard of forestry resources, with particular reference to the specific characteristics of multilayer hardwood floors.

As such it is not meant to replace the internationally established certifications, which generally have broader fields of application and wider areas of interest. Listone Giordano through this protocol aims to promote the culture of environmental responsibility and sensible purchase orientation towards its customers.

BIOSPHERA CERTIFIED

The mark identifies materials whose forestry management is certified according to recognized standards at the international level (FSC, PEFC, SFI, OLB, LEI, etc.).

BIOSPHERA CONTROLLED

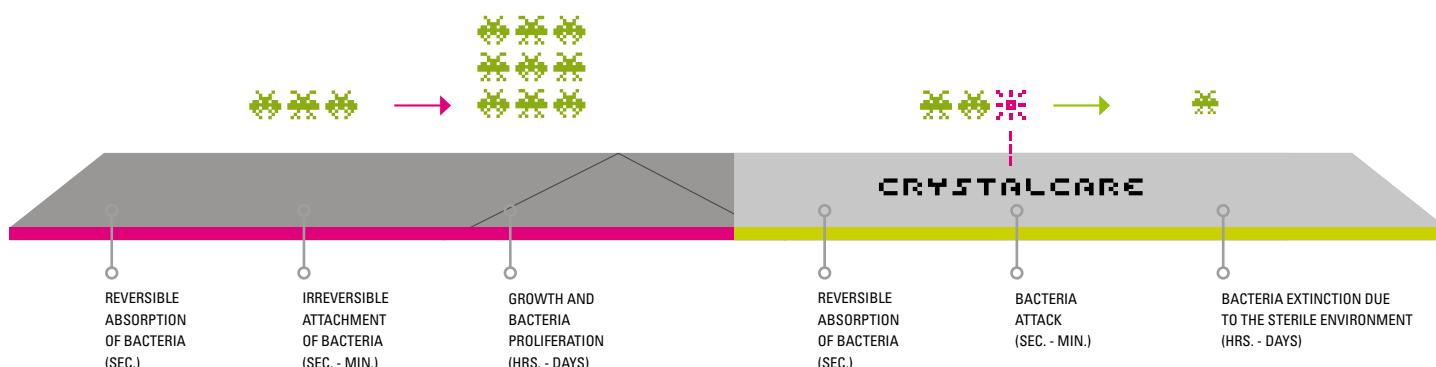
The mark identifies materials whose legal provenance and forest management, although not yet certified, is supported by specific audit and documentary evidence. This is usually the intermediate step towards the official certification.

HEALTH PROTECTION: CRYSTALCARE



How would you enjoy walking barefoot on your wood floor? Thanks to the antibacterial Crystalcare system, developed by Listone Giordano and ICRO, it's totally safe. A simple additive incorporated into Xplus2, Naturplus2, Invisible Touch, and Oleonature finishes ensures the antibacterial certification released by CATAS S.p.a laboratories according to ISO 22196:2007 regulation.

The well-being, children's health and the safety of the places where they live and play in are the main focus of Crystalcare innovation. Especially developed for wood floors in healthcare and medical applications.



CERTIFICATIONS



"Ask for FSC certified products ®"

FSC®

Certification of the chain of custody ensures the raw material originate from forests managed according to strict environmental, social and economic standards.



PEFC

The certification of the chain of custody stating the provenance of the products sourced from sustainable forests.



ISO 9001

Certification of the Company's quality management system.



ISO 14001

Certification of the environmental management system.



Formaldehyde

Listone Giordano fully complies to the class E1 limits, which is amongst the strictest European regulations currently in force (UNI EN 14342).

CARB

CARB Certification - ATCM 93120

The updated product's list incorporating plywood panels that complies to the CARB Phase 2 standard requirements regarding formaldehyde emissions is available on www.listonegiordano.com.



German DIBt Certification

DIBt (the German Structural Engineering Institute) certifies that all Listone Giordano wood floors respect the strict emission limits of Volatile Organic Compounds (VOC) required by the AgBB/DIBt regulation.



French Certification

Emissions of Volatile Organic Compounds All Listone Giordano products tested according to n°2011-321 French Decree have attained A+ rating, the highest among those in the decree.



Solvent-Free

Solvents-free as granted by tests carried out by SERECO BIOTEST chemical laboratory.



Fire-proof reaction

The updated products list related to classes of fire-reaction is available on www.listonegiordano.com

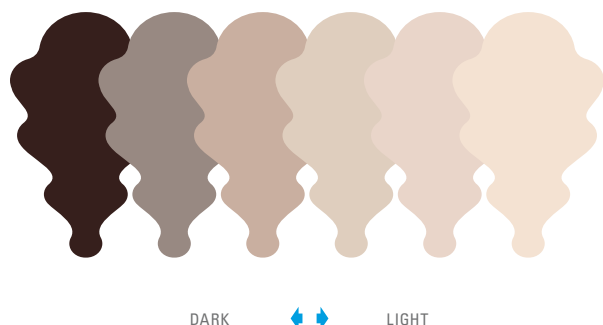


CE certification

Listone Giordano strictly complies to all CE rules related to wood floors.

TECHNICAL INFORMATION WOOD AS A LIVING MATERIAL

Wood is a “living” material interacting with the environment therefore it is affected by exterior elements such as light, UV rays, temperature, humidity and daily use (wear and tear).



COLOUR

The colour of wood largely depends upon particular substances known as extractives which change due to the exposure to light. This results in alterations and more or less marked variations from the original colour of every type of wood flooring.

Due to the higher extractives content in tropical wood species, these species are especially prone to chromatic changes usually evolving into a darker brown colour tone. Iroko and Doussié are two of the species that experience a stronger colour variation. Doussié especially may show localized effects of rapid and intense oxidation even on boards originally of the same colour tone.

Under specific conditions these alteration traces of mineral substances, where are a natural part of the wood structure, may become more evident.

Teak may initially show less evident colour variations. These variations tend to mitigate and homogenize to a middle-clear tones overtime.

Even Oak, however characterized by a good colour stability in relation with other wood species, is due to change overtime and tends to warmer colour tones, whilst intensifying the yellow hue. This phenomenon occurs even in colour-pigmented products (i.e. “Michelangelo” collection).

The long exposure of some wood species to intense and direct sunlight, such through window-panes, may cause discolouration (UV rays produce these effects on materials other than wood). In order to prevent this phenomenon, we recommend the use of curtains or special UV filtering films to be applied to the glass panes.

MEDULLARY RAYS (SILVER FIGURES)

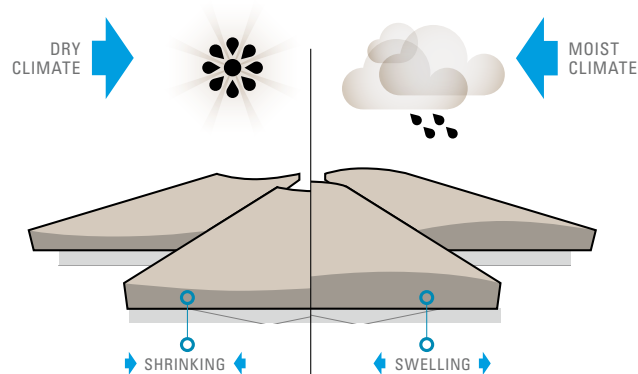
Strips from a perfect radial section of a log in some wood species (especially Oak and Beech), feature straight grains and typical silver figures, the so-called medullary ray (still evident in the colour finishes as well).

This type of graining is the result of the perfect radial cut of the log and enhances the quality and the value of the wood product. In addition to the better aesthetical appearance it's an indication of improved technical performance (regularity of the fiber, dimensional stability water proof, impermeability, etc.).

SAMPLES

Wood is a natural material, not characterized by uniformity-regularity: two elements of the same piece of timber will never have an identical aesthetic appearance. Therefore samples made of few wooden boards can only represent an illustration or general idea and cannot fully show the different tones, grains and uniqueness.

As mentioned above, wood is prone to alter its colour tone overtime, due to exposure to light and air. Therefore a recently installed wood floor may typically show a different aesthetic and colour tone compared to a sample panel of the same product which has been exposed to natural light for a period of time.



WEATHER CONDITIONS

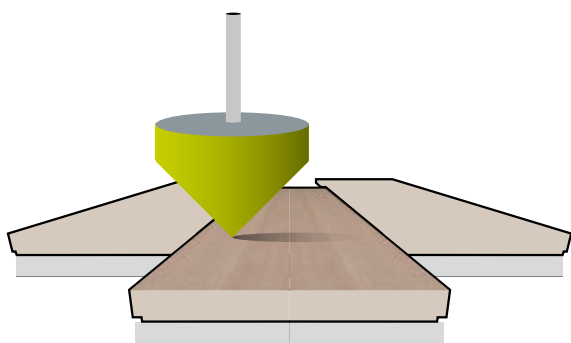
Wood is naturally affected by dimensional variations due to humidity and temperature of the environment. **In order to avoid damages and unwanted effects, the climate conditions of the rooms should meet the following requirements: air temperature must remain between 15°C and 30°C and relative humidity must be between 45% and 65%.** These conditions provide as well a suitable and healthy environment to live in. The prolonged exposure to a very dry atmospheric condition can lead even a modern and technologically advanced multilayer product to shrink and gaps to appear in between wood strips. This phenomenon is reversible and gaps are due to close again once correct climate conditions are restored.

Extreme dryness or high humidity in the air may generate a certain level of stress and alterations in the wood structure, very high at times, in the worst cases this can create micro-fractures on the top hardwood layer (due to the sliding of the interface in between growth rings consequential to the exceeding elastic limit). For these reasons it is compulsory that proper climate conditions are to be maintained both during the installation process and afterwards, even if the premises are unoccupied.

In some situations, particularly in the winter months to ensure compliance with the conditions mentioned above the use of an air humidifier may prove necessary. In the case of heated floors, in addition to the requirements relating to temperature and humidity of the air, the temperature's limit of the floor surface, when the system is in function, must not exceed 27 °

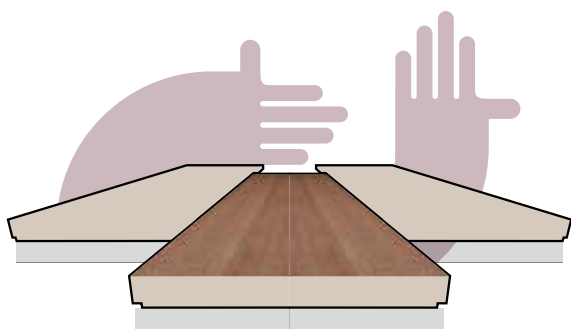
FRACTURES

The appearance overtime of micro-fractures on the top hardwood layer is a natural phenomenon and inevitable in statistic terms even if recommended climate conditions are to be maintained.



HARDNESS

The individual hardness of all wood species processed to manufacture products featured in this pricelist are suitable to become hardwood flooring. However surface indentations may arise in even the hardest of woods, if the hardwood floor is subjected to knocks, falling objects, in addition to highly concentrated weight (stileto heels, ladder, etc.).



HANDCRAFTED WORKS

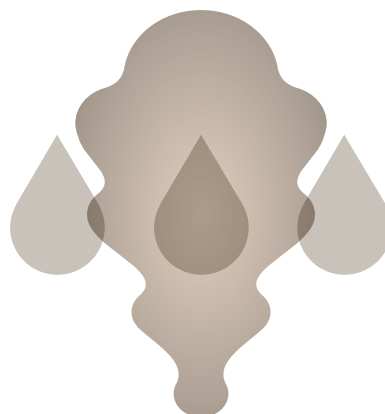
Atelier and Natural Genius wood flooring collections with crafted treatments feature non homogenous, dimensional and aesthetic characteristics typical of a hand-made product. Therefore prospective tolerances related to the planarity of the boards, or even within the individual boards (i.e. planarity, roughness or colour tone of the surface) are not to be considered by any means a defect but on the contrary the craftsmanship value of the products itself.

The distinctive crafted finishes can create some irregularity and splintering of the wood surface where cloth used for cleaning and maintenance may get trapped.

These elements of irregularity and splintering are to be considered (taken into account) when walking bare feet on the floor.

VARNISHES

The wear and tear is prone to alter the shine level of the floor surfaces as time passes, especially in high-traffic areas. A correct maintenance can keep this phenomenon under control.



NATURAL OIL FINISHES

Products with natural oil finishing tend to get a yellowish colour tone, should these products be kept in the boxes for a longtime or not being exposed to light and air. It's an utterly natural and transitory phenomenon. This effect is reversible within a few days, once the wood boards are exposed to direct sunlight whilst in an environment with artificial light it may take up to few weeks before restoring the original appearance.

The oils-based finishing has the characteristic to continue over time to permeate the wood fibers even while the material is still inside the packaging boxes. The possible appearance of surface dryness that you should notice on newly installed planks, will be restored with the application of the specific maintenance product after installation.

USE AND MAINTENANCE INSTRUCTIONS

Instructions of the correct use and maintenance of the wood flooring are available in the dedicated page of the website www.listonegiordano.com/international featuring the technical sheets. We recommend checking it when selecting the product.

classica

TECHNICAL INFORMATION

plank 230 - 190 - 140

TOP LAYER THICKNESS: 5 mm

SUPPORT THICKNESS: 9 mm

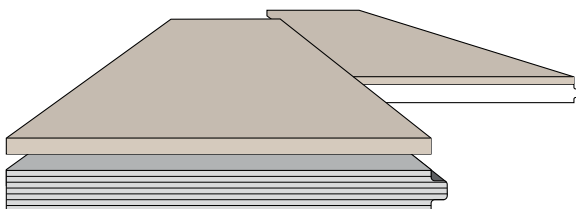
TOTAL THICKNESS: 14 mm

SUPPORT: BIRCH MULTILAYER

WEIGHT: 10 kg/m² ⁽¹⁾

THERMAL RESISTANCE: 0,086 m² K / W ⁽¹⁾

INSTALLATION: GLUED-DOWN



listone 190 - 140

TOP LAYER THICKNESS: 3,5 mm

SUPPORT THICKNESS: 9 mm

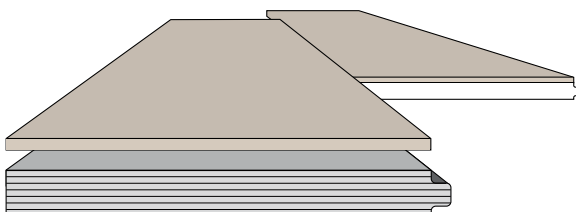
TOTAL THICKNESS: 12,5 mm

SUPPORT: BIRCH MULTILAYER

WEIGHT: 9 kg/m² ⁽¹⁾

THERMAL RESISTANCE: 0,077 m² K / W ⁽¹⁾

INSTALLATION: GLUED-DOWN



prima 190 - 140

TOP LAYER THICKNESS: 2,5 mm

SUPPORT THICKNESS: 7,5 mm

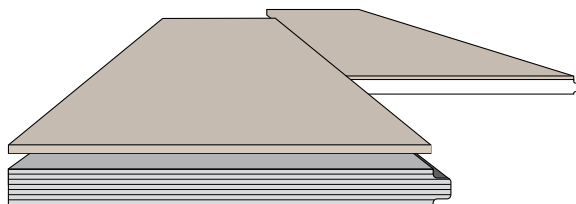
TOTAL THICKNESS: 10 mm

SUPPORT: BIRCH MULTILAYER

WEIGHT: 7,2 kg/m² ⁽¹⁾

THERMAL RESISTANCE: 0,062 m² K / W ⁽¹⁾

INSTALLATION: GLUED-DOWN



prima flottante 190 - 140

TOP LAYER THICKNESS: 2,5 mm

SUPPORT THICKNESS: 11,5 mm

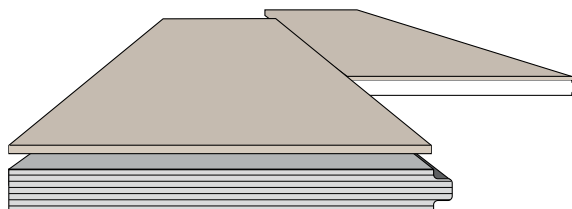
TOTAL THICKNESS: 14 mm

SUPPORT: CONIFER MULTILAYER

WEIGHT: 7,4 kg/m² ⁽¹⁾

THERMAL RESISTANCE: 0,103 m² K / W ⁽¹⁾

INSTALLATION: FLOATING OR NAILED-DOWN



listone 90

TOP LAYER THICKNESS: 3,5 mm

SUPPORT THICKNESS: 7,5 mm

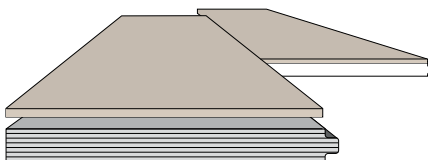
TOTAL THICKNESS: 11 mm

SUPPORT: BIRCH MULTILAYER

WEIGHT: 8 kg/m² ⁽¹⁾

THERMAL RESISTANCE: 0,067 m² K / W ⁽¹⁾

INSTALLATION: GLUED-DOWN



corona 70

TOP LAYER THICKNESS: 3,5 mm

SUPPORT THICKNESS: 5,5 mm

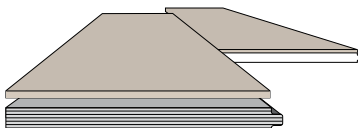
TOTAL THICKNESS: 9 mm

SUPPORT: BIRCH MULTILAYER

WEIGHT: 6,4 kg/m² ⁽¹⁾

THERMAL RESISTANCE: 0,055 m² K / W ⁽¹⁾

INSTALLATION: GLUED-DOWN



All products in the Classica range are compatible with heating and refreshing underfloor system when installed with the full-spread glue down method. Carefully follow instructions on temperature and humidity levels for a correct use.

Products features may change with respect to the information in this document. For updated information please refer to the documentation available on the website www.listonegiordano.com.

During the product selection phase we recommend to take a read of the "Information on hardwood flooring" on page 6 and review of the requirements relating to the installation, use and maintenance that are available on the site www.listonegiordano.com.

⁽¹⁾ Approximate values related to the Oak top layer version.

TECHNICAL INFORMATION

FINISHES

XPLUS2

CRYSTALCARE

High-resistance solvents-free varnish with a sleek satin appearance. This finishing features the anti-bacterial Crystalcare technology.

NATURPLUS2

CRYSTALCARE

Solvents-free varnish characterized by a natural matt aspect, applied after a brushing treatment enhancing the wooden grain. This finishing features the anti-bacterial Crystalcare technology.

INVISIBLE TOUCH

CRYSTALCARE

Water-based finishing that protects the wood whilst keeping the natural appearance and colour of an untreated surface. This finishing features the anti-bacterial Crystalcare technology.

OLEONATURE

CRYSTALCARE

Natural oils-based finishing air-dried. Thanks to a special protective treatment applied as a last coating, it is characterized by high protection and practicality of maintenance. This finishing features the anti-bacterial Crystalcare technology.

PRE-SANDED

Pre-sanded surface ready to be finished on site after installation.

GRADES

Rigata superiore

Straight grain, light colour and substantially homogenous, presence of medullary ray on the majority of the wooden boards.

Elite

Mixed grain, substantially homogenous colour in relation with the typical characteristics of the species. Possible small knots in some wood species.

Fibramix

Mixed grain. Some boards may show colour variations and knots. In the extra wide boards (from 140 mm width), knots may be even tight and open.

Unica

Mixed grain and colour variation. Presence of knots, both filled and open ones. Some wood boards may show sapwood according to the different wood species.

Country

Mixed grain and colour variation. Widespread presence of knots, both tight and open ones.

Wood is a natural and variegated material. Pictures and brief descriptions featured in this pricelist are not able to fully represent the appearance of each product and must therefore be considered as indicative and not contractual (non binding). A more complete and detailed description of the different grades is available on the website www.listonegiordano.com.



OAK FROM FONTAINES



		XPLUS2	NATURPLUS2	INVISIBLE TOUCH	OLEONATURE	PRE-SANDED
plank thickness 14 mm top layer 5 mm	230 lengths 1500-2400 mm	Fibramix	146,65	154,00	148,80	140,70
		Country	129,05	136,40	131,20	123,10
	190 lengths 1500-2400 mm	Elite ⁽¹⁾	149,35	156,70	151,50	143,40
		Fibramix	133,35	140,70	135,50	127,40
		Country	117,35	124,70	119,50	111,40
	140 lengths 1200-2100 mm	Fibramix	115,25	122,60	117,40	109,30
		Country	101,40	108,75	103,55	95,45
listone thickness 12,5 mm top layer 3,5 mm	190 lengths 1500-2400 mm	Fibramix	115,25	122,60	117,40	109,30
		Country	101,40	108,75	103,55	95,45
	140 lengths 1200-2100 mm	Fibramix	101,70	109,05	103,85	95,75
		Country	89,50	96,85	91,65	83,55
prima thickness 10 mm top layer 2,5 mm	190 lengths 1500-2100 mm	Fibramix	101,70	109,05	103,85	95,75
		Country	89,50	96,85	91,65	83,55
	140 lengths 1500-1800 mm	Fibramix	92,65	100,00	94,80	86,70
		Country	81,55	88,90	83,70	75,55
	140 smart lengths 800-1200 mm	Fibramix	81,55	88,90	83,70	75,60
		Country	75,05	82,40	77,20	69,10

Prices are €/m²

The products in 140 mm, 190 mm and 230 mm widths feature a small bevel on all four edges. The products in 90 mm width are manufactured with square edges (without bevel).

The products are supplied in one length or random lengths, according to availability. The material supplied may incorporate up to 10% of shorter lengths compared to those mentioned in the specifications. Orders of specific or fixed lengths will be individually evaluated and once accepted a surcharge will be applied.

Plank (140 and 190) and Listone (140 and 190) may be supplied with square edges, (no bevel) with a 6,00 €/m² surcharge.

Upon request Listone (140 and 190) may be supplied in the floating version (15 mm total thickness) with a 4 €/m² surcharge.

A minimum quantity of 35 m² is required for custom orders. The delivered and invoiced quantity may exceed the one originally ordered with 4 m² or 4% tolerance (the highest between the two).

Before placing the order please check availability and delivery time with the sales assistants.

⁽¹⁾ Limited availability.



			XPLUS2	NATURPLUS2	INVISIBLE TOUCH	OLEONATURE	PRE-SANDED
prima flottante thickness 14 mm top layer 2,5 mm	190 length 1800 mm	Fibramix		103,75	111,10	105,90	97,80
		Country		91,55	98,90	93,70	85,60
	140 smart lengths 1200 mm	Fibramix		83,60	90,95	85,75	77,65
		Country		77,10	84,45	79,25	71,15
listone thickness 11 mm top layer 3,5 mm	90 lengths 600-1500 mm	Rigata superiore	91,50	89,35	96,70	91,50	
		Fibramix	81,95	79,80	87,15	81,95	

Prices are €/m²



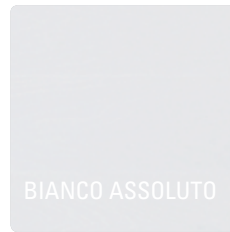
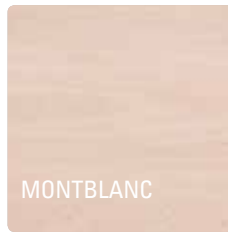
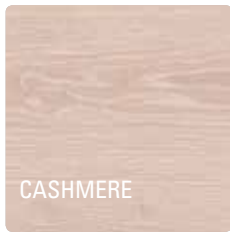
OAK MICHELANGELO



			XPLUS2	NATURPLUS2	INVISIBLE TOUCH	OLEONATURE	PRE-SANDED
plank thickness 14 mm top layer 5 mm	230 lengths 1500-2400 mm	Fibramix		155,20		160,50	
		Country		137,60		142,90	
	190 lengths 1500-2400 mm	Elite ⁽¹⁾		157,85		163,15	
		Fibramix		141,85		147,15	
		Country		125,85		131,15	
	140 lengths 1200-2100 mm	Fibramix		123,75		129,05	
		Country		109,90		115,20	
listone thickness 12,5 mm top layer 3,5 mm	190 lengths 1500-2400 mm	Fibramix		123,75		129,05	
		Country		109,90		115,20	
	140 lengths 1200-2100 mm	Fibramix		110,20		115,50	
		Country		98,00		103,30	
prima thickness 10 mm top layer 2,5 mm	190 lengths 1500-2100 mm	Fibramix		110,20		115,50	
		Country		98,00		103,30	
	140 lengths 1500-1800 mm	Fibramix		101,15		106,45	
		Country		90,05		95,35	
	140 smart lengths 800-1200 mm	Fibramix		90,10		95,40	
		Country		83,55		88,85	

Prices are €/m²

The products in 140 mm, 190 mm and 230 mm widths feature a small bevel on all four edges. The products in 90 mm width are manufactured with square edges (without bevel). The products are supplied in one length or random lengths, according to availability. The material supplied may incorporate up to 10% of shorter lengths compared to those mentioned in the specifications. Orders of specific or fixed lengths will be individually evaluated and once accepted a surcharge will be applied.	Plank (140 and 190) and Listone (140 and 190) may be supplied with square edges, (without bevel) with a 6,00 €/m² surcharge. Upon request Listone (140 and 190) may be supplied in the floating version (15 mm total thickness) with a 4 €/m² surcharge. Bianco Assoluto comes in Listone (140 e 190) and Plank (140 e 190) supplied only in Naturplus2 finish with square edges (without bevel), therefore 6 €/m² surcharge is required as it is supplied in square edges.	Bianco Assoluto minimum order quantity is 80 m². In the other colours minimum order quantity is 35 m². For all colours the delivered and invoiced quantity may exceed the one originally ordered with 4 m² or 4% tolerance (the highest between the two). We require 40% advance payment in order to start production. Before placing the order please check availability and delivery time with the sales assistants.	⁽¹⁾ Limited availability.
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			XPLUS2	NATURPLUS2	INVISIBLE TOUCH	OLEONATURE	PRE-SANDED
prima flottante thickness 14 mm top layer 2,5 mm	190 length 1800 mm	Fibramix		112,25		117,55	
		Country		100,05		105,35	
	140 smart lengths 1200 mm	Fibramix		92,15		97,45	
		Country		85,60		90,90	
listone thickness 11 mm top layer 3,5 mm	90 lengths 600-1500 mm	Rigata superiore					
		Fibramix		92,55		97,85	

Prices are €/m²





		XPLUS2	NATURPLUS2	INVISIBLE TOUCH	OLEONATURE	PRE-SANDED
plank thickness 14 mm top layer 5 mm	230 lengths 1200-2400 mm	Fibramix				
		Country				
	190 lengths 1200-2400 mm	Elite			172,70 ⁽²⁾	
		Fibramix			155,45 ⁽¹⁾⁽²⁾	
		Country				
	140 lengths 1200-2100 mm	Fibramix				
		Country				
listone thickness 12,5 mm top layer 3,5 mm	190 lengths 1200-2400 mm	Fibramix				
		Country				
	140 lengths 1200-2100 mm	Fibramix			131,70 ⁽³⁾	
		Country				
listone thickness 11 mm top layer 3,5 mm	90 lengths 490-1200 mm	Fibramix				
corona thickness 9 mm top layer 3,5 mm	70 length 350-600 mm	Fibramix			82,30 ⁽³⁾	

Prices are €/m²

Plank 190 and Listone 140 with Oleonature finish are supplied with a small bevel on all four edges. Products in 70 mm width are available in square edges (without bevel).

The products are supplied in one length or random lengths, according to availability. The material supplied may incorporate up to 10% of shorter lengths compared to those mentioned in the specifications. Orders of specific or fixed lengths will be individually evaluated and once accepted a surcharge will be applied.

Upon request Listone 140 mm may be

supplied in the floating version (15 mm total thickness) with a 4 €/m² surcharge.

A minimum quantity of 35 m² is required for custom orders.

The delivered and invoiced quantity may exceed the one originally ordered with 4 m² or 4% tolerance (the highest between the two).

Before placing the order please check availability and delivery time with the sales assistants.

⁽¹⁾ Supplied in the predominant Cottage grading, featuring characteristics similar to the Fibramix grade and with a small bevel on all four edges.

⁽²⁾ Supplied in Natif 16 mm with natural waxes and oils based finish and with a small bevel on all four edges. For more information on the characteristics and maintenance instructions please check "PM38 - Cleaning and maintenance Natif finish" available on www.listonegiordano.com.

⁽³⁾ Supplied in matt version, untreated (without top protective layer). The final protection

treatment may be carried out on site after installation. For more information please check "PM39 - Cleaning and maintenance Oleonature matt finish" available on www.listonegiordano.com.



		XPLUS2	NATURPLUS2	INVISIBLE TOUCH	OLEONATURE	PRE-SANDED
plank thickness 14 mm top layer 5 mm	230 lengths 1200-2400 mm	Fibramix				
		Country				
	190 lengths 1200-2400 mm	Fibramix				
		Country				
	140 lengths 1200-2100 mm	Fibramix				
		Country				
listone thickness 12,5 mm top layer 3,5 mm	190 lengths 1200-2400 mm	Fibramix				
		Country				
	140 lengths 1200-2100 mm	Fibramix				
		Country				
listone thickness 11 mm top layer 3,5 mm	90 lengths 490-1200 mm	Fibramix			114,90 ⁽¹⁾	
corona thickness 9 mm top layer 3,5 mm	70 length 350-600 mm	Fibramix				

Prices are €/m²

The products in 90 mm width with Oleonature finish are manufactured with square edges (without bevel).

The products are supplied in one length or random lengths, according to availability. The material supplied may incorporate up to 10% of shorter lengths compared to those mentioned in the specifications. Orders of specific or fixed lengths will be individually evaluated and once accepted a surcharge will be applied.

A minimum quantity of 35 m² is required for custom orders.

The delivered and invoiced quantity may exceed the one originally ordered with 4 m² or 4% tolerance (the highest between the two).

Before placing the order please check availability and delivery time with the sales assistants.

⁽¹⁾ Supplied in matt version, untreated (without top protective layer). The final protection treatment may be carried out on site after installation. For more information please check "PM39 - Cleaning and maintenance Oleonature matt finish" available on

www.listonegiordano.com.



		XPLUS2	NATURPLUS2	INVISIBLE TOUCH	OLEONATURE	PRE-SANDED
plank thickness 14 mm top layer 5 mm	230 lengths 1200-2400 mm	Fibramix			215,05	
		Country				
	190 lengths 1200-2400 mm	Fibramix			203,00	
		Country				
	140 lengths 1200-2100 mm	Fibramix			174,90	
		Country				
listone thickness 12,5 mm top layer 3,5 mm	190 lengths 1200-2400 mm	Fibramix	191,65		191,65	
		Country				
	140 lengths 1200-2100 mm	Fibramix	165,10		165,10	
		Country				
listone thickness 11 mm top layer 3,5 mm	90 lengths 490-1200 mm	Fibramix	134,95		134,95	
corona thickness 9 mm top layer 3,5 mm	70 length 350-600 mm	Fibramix				

Prices are €/m²

The products in 140 mm, 190 mm and 230 mm widths with Xplus2 finish are supplied with square edges (no bevel) whilst with Oleonature finish they feature a small bevel on all four edges. The products in 90 mm width are manufactured only with square edges (without bevel). The products are supplied in one length or random lengths, according to availability. The material supplied may incorporate up to 10% of shorter lengths compared to those mentioned in the specifications. Orders of specific or fixed lengths will be individually evaluated and once accepted a	surcharge will be applied. Upon request Listone (140 and 190) may be supplied in the floating version (15 mm total thickness) with a 4 €/m² surcharge. A minimum quantity of 35 m² is required for custom orders. The delivered and invoiced quantity may exceed the one originally ordered with 4 m² or 4% tolerance (the highest between the two).	Before placing the order please check availability and delivery time with the sales assistants.
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TECHNICAL INFORMATION page 10-12	MAKE YOUR WOOD FLOOR UNIQUE page 28-33	ACCESSORIES page 34-37	CLEANING AND MAINTENANCE page 86
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			XPLUS2	NATURPLUS2	INVISIBLE TOUCH	OLEONATURE	PRE-SANDED
plank thickness 14 mm top layer 5 mm	230 lengths 1200-2400 mm	Fibramix					
		Country					
	190 lengths 1200-2400 mm	Fibramix					
		Country					
	140 lengths 1200-2100 mm	Fibramix					
		Country					
listone thickness 12,5 mm top layer 3,5 mm	190 lengths 1200-2400 mm	Fibramix					
		Country					
	140 lengths 1200-2100 mm	Fibramix					
		Country					
listone thickness 11 mm top layer 3,5 mm	90 lengths 490-1200 mm	Fibramix		77,45	84,80	79,60	
corona thickness 9 mm top layer 3,5 mm	70 length 350-600 mm	Fibramix		60,65			

Prices are €/m²

The products in 90 mm width are manufactured only with square edges (without bevel).

The products are supplied in one length or random lengths, according to availability. The material supplied may incorporate up to 10% of shorter lengths compared to those mentioned in the specifications. Orders of specific or fixed lengths will be individually evaluated and once accepted a surcharge will be applied.

A minimum quantity of 35 m² is required for custom orders. The delivered and invoiced quantity may exceed the one originally ordered with 4 m² or 4% tolerance (the highest between the two).

Before placing the order please check availability and delivery time with the sales assistants.



			XPLUS2	NATURPLUS2	INVISIBLE TOUCH	OLEONATURE	PRE-SANDED
plank thickness 14 mm top layer 5 mm	230 lengths 1200-2400 mm	Fibramix		224,25	231,60	226,40	
		Country					
	190 lengths 1200-2400 mm	Fibramix		211,55 ⁽¹⁾	218,90 ⁽¹⁾	213,70 ⁽¹⁾	
		Country					
	140 lengths 1200-2100 mm	Fibramix					
		Country					
listone thickness 12,5 mm top layer 3,5 mm	190 lengths 1200-2400 mm	Fibramix		199,60	206,95	201,75	
		Country					
	140 lengths 1200-2100 mm	Fibramix		167,20	174,55	169,35	
		Country					
listone thickness 11 mm top layer 3,5 mm	90 lengths 490-1200 mm	Fibramix		124,75	132,10	126,90	
corona thickness 9 mm top layer 3,5 mm	70 length 350-600 mm	Fibramix					

Prices are €/m²

The products in 140 mm, 190 mm and 230 mm widths with Naturplus2 finish are supplied with square edges (no bevel) whilst with Oleonature and Invisible Touch finish feature a small bevel on all four edges. The products in 90 mm width are manufactured with square edges (without bevel).

The products are supplied in one length or random lengths, according to availability. The material supplied may incorporate up to 10% of shorter lengths compared to those mentioned in the specifications. Orders of specific or fixed lengths will be

individually evaluated and once accepted a surcharge will be applied.

Upon request Listone (140 and 190) may be supplied in the floating version (15 mm total thickness) with a 4 €/sqm surcharge.

A minimum quantity of 35 m² is required for custom orders.

The delivered and invoiced quantity may exceed the one originally ordered with 4 m² or 4% tolerance (the highest between the two).

Before placing the order please check availability and delivery time with the sales assistants.

⁽¹⁾ Depending on availability it may be supplied in 180 mm width instead of 190 mm width.



			XPLUS2	NATURPLUS2	INVISIBLE TOUCH	OLEONATURE PRE-SANDED
plank thickness 14 mm top layer 5 mm	230	Fibramix				
	lengths					
	1200-2400 mm	Country				
	190	Fibramix				
	lengths					
	1200-2400 mm	Country				
listone thickness 12,5 mm top layer 3,5 mm	140	Fibramix				
	lengths					
	1200-2100 mm	Country				
	190	Unica	146,70			146,70
	lengths					
	1200-2400 mm					
listone thickness 11 mm top layer 3,5 mm	140	Unica	127,70			127,70
	lengths					
	1200-2100 mm					
	90	Fibramix				
	lengths					
	490-1200 mm					
corona thickness 9 mm top layer 3,5 mm	70	Fibramix				
	length					
	350-600 mm					

Prices are €/m²

The products in 140 mm and 190 mm widths with Xplus2 finish are supplied with square edges (no bevel) whilst with Oleonature finish they feature a small bevel on all four edges.

The products are supplied in one length or random lengths, according to availability. The material supplied may incorporate up to 10% of shorter lengths compared to those mentioned in the specifications. Orders of specific or fixed lengths will be individually evaluated and once accepted a surcharge will be applied.

Upon request Listone (140 and 190) may be supplied in the floating version (15 mm total thickness) with a 4 €/m² surcharge.

Minimum quantity required for customised orders is 35 m². The delivered and invoiced quantity may exceed the ordered one, featuring a tolerance of 4 m² or 4% (depending upon which one is superior).

Before placing the order please check availability and delivery time with the sales assistants.



		XPLUS2	NATURPLUS2	INVISIBLE TOUCH	OLEONATURE	PRE-SANDED
plank thickness 14 mm top layer 5 mm	230	Fibramix				
	lengths					
	1200-2400 mm	Country				
	190	Fibramix	145,85 ⁽¹⁾			
	lengths					
	1200-2400 mm	Country				
listone thickness 12,5 mm top layer 3,5 mm	140	Fibramix				
	lengths					
	1200-2100 mm	Country				
	190	Fibramix	137,60			
	lengths					
	1200-2400 mm	Country				
listone thickness 11 mm top layer 3,5 mm	90	Fibramix	77,45	84,80	79,60	
	lengths					
	490-1200 mm					
corona thickness 9 mm top layer 3,5 mm	70	Fibramix	61,90			
	length					
	350-600 mm					

Prices are €/m²

The products in 190 mm width with Naturplus2 finish have square edges (no bevel). The products in 70 and 90 mm widths are manufactured with square edges (without bevel). The products are supplied in one length or random lengths, according to availability. The material supplied may incorporate up to 10% of shorter lengths compared to those mentioned in the specifications. Orders of specific or fixed lengths will be individually evaluated and once accepted a surcharge will be applied.	Upon request Listone 190 may be supplied in the floating version (15 mm total thickness) with a 4 €/m² surcharge. A minimum quantity of 35 m² is required for custom orders. The delivered and invoiced quantity may exceed the one originally ordered with 4 m² or 4% tolerance (the highest between the two). Before placing the order please check availability and delivery time with the sales assistants.	⁽¹⁾ Depending on availability it may be supplied in 180 mm width instead of 190 mm width.
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		XPLUS2	NATURPLUS2	INVISIBLE TOUCH	OLEONATURE	PRE-SANDED
plank thickness 14 mm top layer 5 mm	230	Fibramix				
	lengths					
	1200-2400 mm	Country				
	190	Fibramix				
	lengths					
	1200-2400 mm	Country				
listone thickness 12,5 mm top layer 3,5 mm	140	Fibramix				
	lengths					
	1200-2100 mm	Country				
	190	Fibramix				
	lengths					
	1200-2400 mm	Country				
listone thickness 11 mm top layer 3,5 mm	90	Fibramix	77,45			
	lengths					
	490-1200 mm					
corona thickness 9 mm top layer 3,5 mm	70	Fibramix	65,00 ⁽¹⁾			
	length					
	350-600 mm					

Prices are €/m²

The products in 70 and 90 mm widths are manufactured with square edges (without bevel).

The products are supplied in one length or random lengths, according to availability. The material supplied may incorporate up to 10% of shorter lengths compared to those mentioned in the specifications. Orders of specific or fixed lengths will be individually evaluated and once accepted a surcharge will be applied.

A minimum quantity of 35 m² is required for custom orders.

The delivered and invoiced quantity may exceed the one originally ordered with 4 m² or 4% tolerance (the highest between the two).

Before placing the order please check availability and delivery time with the sales assistants.

⁽¹⁾ This product may be supplied in Supermix selection featuring the same characteristics of Fibramix selection.



			XPLUS2	NATURPLUS2	INVISIBLE TOUCH	OLEONATURE	PRE-SANDED
plank	thickness 14 mm	230	Fibramix				
		lengths 1200-2400 mm	Country				
	top layer 5 mm	190	Fibramix				
		lengths 1200-2400 mm	Country				
		140	Fibramix				
		lengths 1200-2100 mm	Country				
listone	thickness 12,5 mm	190	Fibramix				
		lengths 1200-2400 mm	Country				
	top layer 3,5 mm	140	Fibramix				
		lengths 1200-2100 mm	Country				
listone	thickness 11 mm	90	Fibramix				
		lengths 490-1200 mm					
corona	thickness 9 mm	70	Fibramix	90,55		90,55 ⁽¹⁾	
		length 350-600 mm					
	top layer 3,5 mm						

Prices are €/m²

The products in 70 width are manufactured with square edges (without bevel).

The products are supplied in one length or random lengths, according to availability. The material supplied may incorporate up to 10% of shorter lengths compared to those mentioned in the specifications. Orders of specific or fixed lengths will be individually evaluated and once accepted a surcharge will be applied.

A minimum quantity of 35 m² is required for custom orders. The delivered and invoiced quantity may

exceed the one originally ordered with 4 m² or 4% tolerance (the highest between the two).

Before placing the order please check availability and delivery time with the sales assistants.

⁽¹⁾ Supplied in matt version, untreated (without top protective layer).The final protection treatment may be carried out on site after installation. For more information please check "PM39 - Cleaning and maintenance Oleonature matt finish" available on www.listonegiordano.com.



		XPLUS2	NATURPLUS2	INVISIBLE TOUCH	OLEONATURE	PRE-SANDED
plank thickness 14 mm top layer 5 mm	230 lengths 1200-2400 mm	Fibramix		199,95	194,75	
		Country				
	190 lengths 1200-2400 mm	Fibramix		189,05 ⁽¹⁾	183,85 ⁽¹⁾	
		Country				
	140 lengths 1200-2100 mm	Fibramix		163,60	158,40	
		Country				
listone thickness 12,5 mm top layer 3,5 mm	190 lengths 1200-2400 mm	Fibramix		183,60 ⁽¹⁾	178,40 ⁽¹⁾	
		Country				
	140 lengths 1200-2100 mm	Fibramix		154,80	149,60	
		Country				
listone thickness 11 mm top layer 3,5 mm	90 lengths 490-1200 mm	Fibramix		120,90	115,70	
corona thickness 9 mm top layer 3,5 mm	70 length 350-600 mm	Fibramix		89,60	84,40	

Prices are €/m²

The products in 140 mm, 190 mm and 230 mm widths with Oleonature and Invisible Touch finish feature a small bevel on all four edges. The products in 70 and 90 mm width are manufactured with square edges (without bevel).

The products are supplied in one length or random lengths, according to availability. The material supplied may incorporate up to 10% of shorter lengths compared to those mentioned in the specifications. Orders of specific or fixed lengths will be individually evaluated and once accepted a surcharge will be applied.

Upon request Listone (140 and 190) may be supplied in the floating version (15 mm total thickness) with a 4 €/m² surcharge.

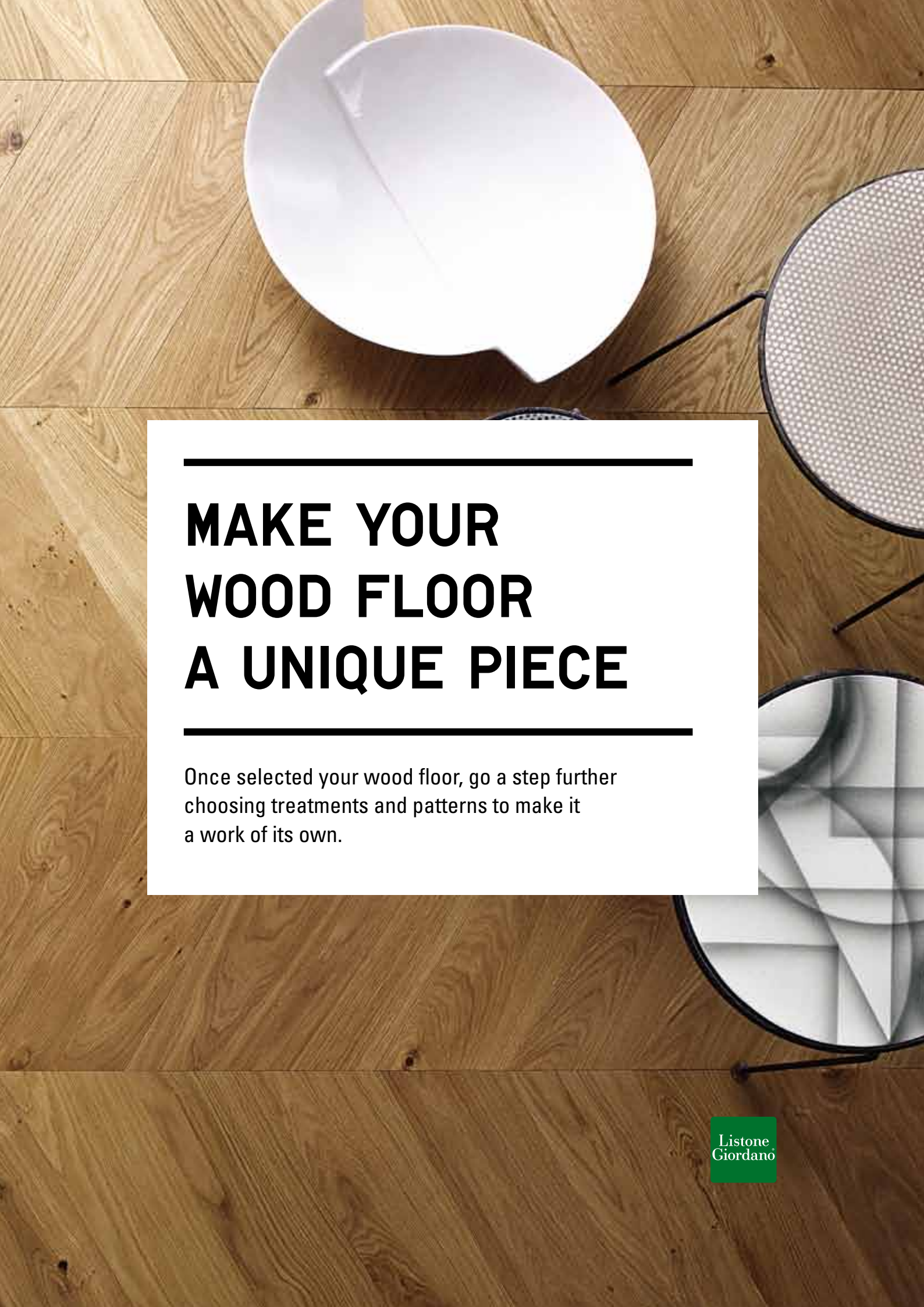
A minimum quantity of 35 m² is required for custom orders.

The delivered and invoiced quantity may exceed the one originally ordered with 4 m² or 4% tolerance (the highest between the two).

Before placing the order please check availability and delivery time with the sales assistants.

⁽¹⁾ Supplied in 180 mm width.



A top-down view of a light-colored wooden floor with a prominent grain. In the upper right, a white ceramic plate and a glass with a dotted pattern are partially visible. In the lower right, a glass with a geometric pattern is also partially visible.

MAKE YOUR WOOD FLOOR A UNIQUE PIECE

Once selected your wood floor, go a step further choosing treatments and patterns to make it a work of its own.

SUPPLY FOR ANCIENNE INSTALLATION

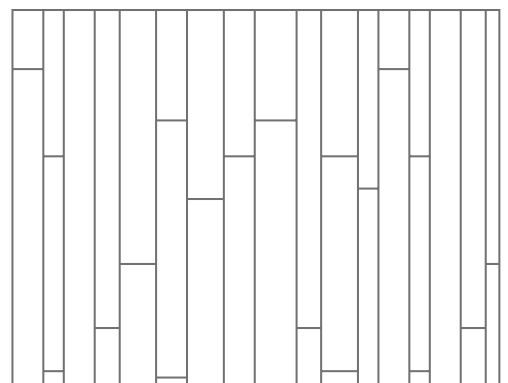
PRICE €/m² **read text below**

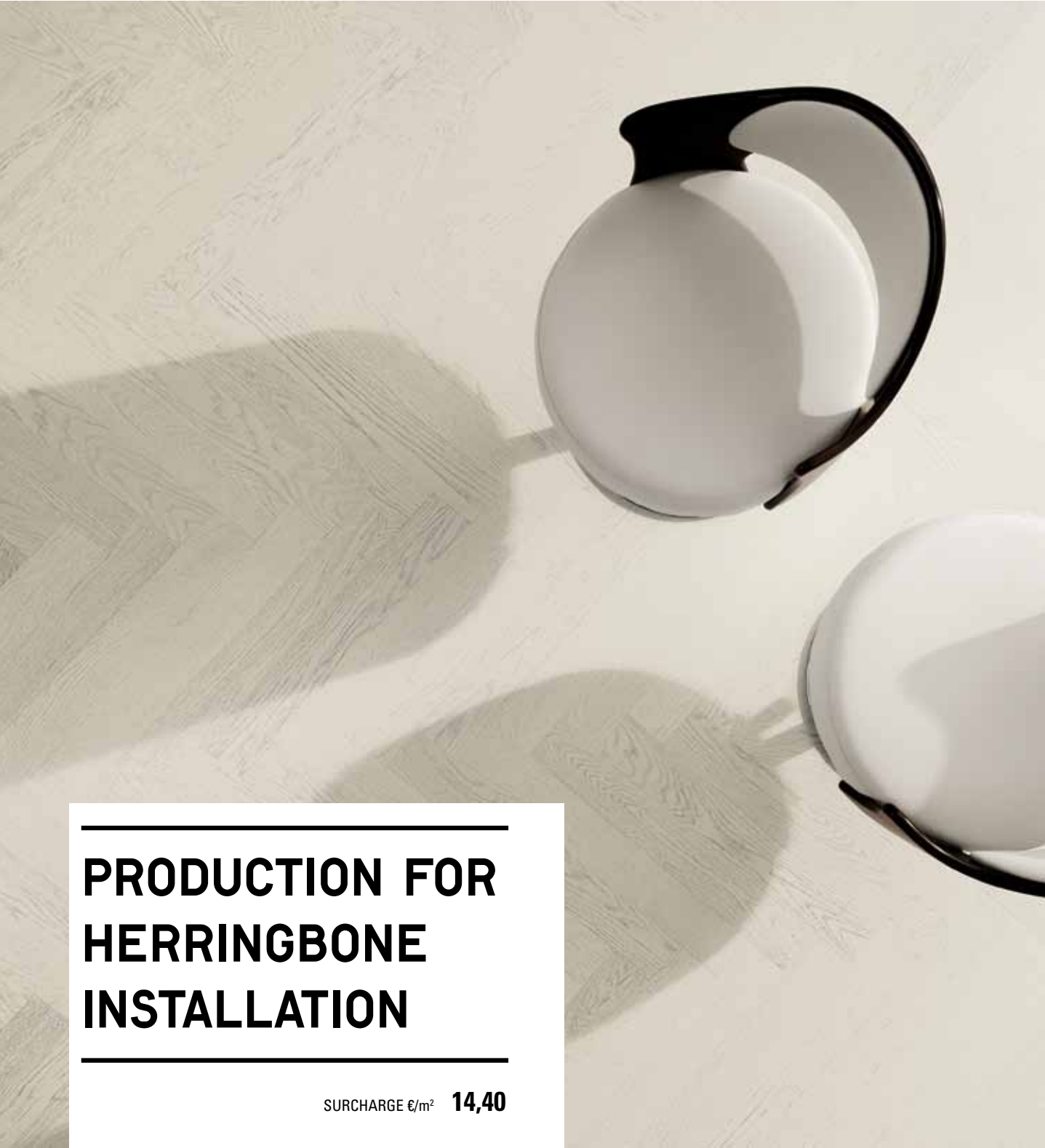
Available in Oak Plank, Listone and Heritage. The typical ancienne installation can be done with the widths mentioned in the pricelist as well as in 90 mm (lengths up to 1800 mm). The price of the product in 90 mm width is the same of the one in 190 mm width plus 30%.

The typical ancienne pattern features percentages (on surface basis) in different widths: 15-20% 90 mm, 35-40% 140 mm, 40-45% 190 mm. The overall cost according to the above proportions is similar to the price of one floor in 190 mm width.

We require 40% advance payment in order to start production.

Please check with the sales assistants for feasibility, prices and delivery time.

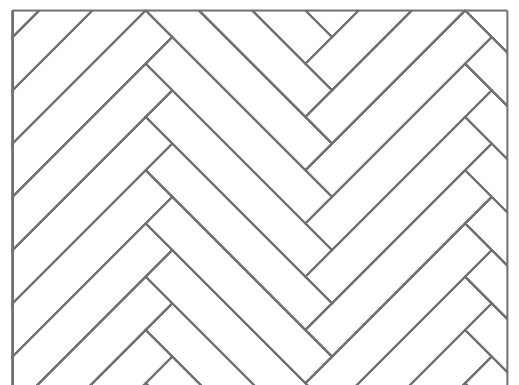


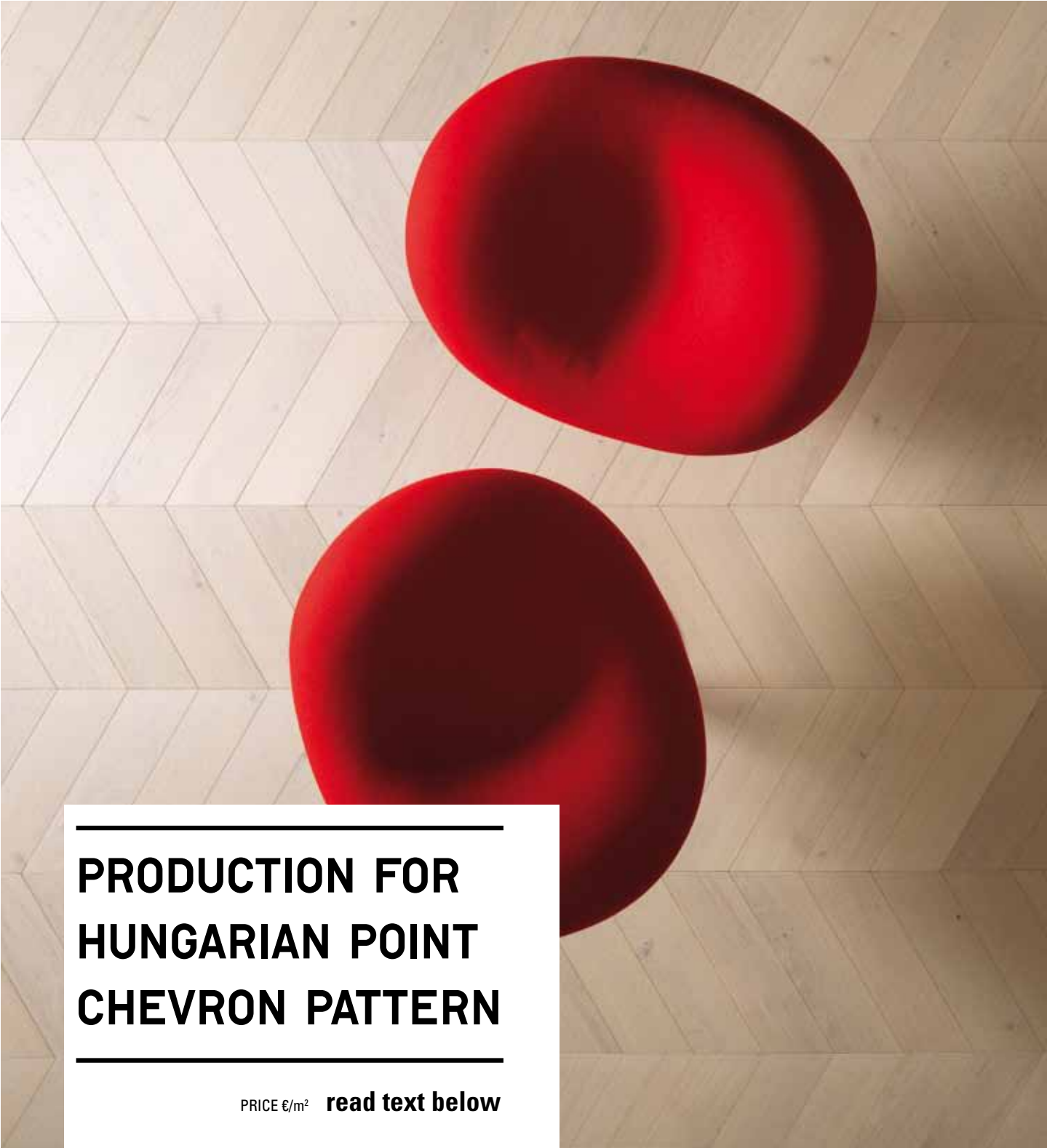


PRODUCTION FOR HERRINGBONE INSTALLATION

SURCHARGE €/m² **14,40**

Possible production on all the products with 90 and 140 mm widths, prior to checking the availability of raw material.
Request for specific lengths which are not standard will be individually evaluated. Once accepted a price surcharge is to be applied.
A minimum quantity of 50 m² is required for custom orders. The delivered and invoiced quantity may exceed the one originally ordered with 4 m² or 4% tolerance (the highest between the two). The price is an additional surcharge on the price for regular installation production.
We require 40% advance payment in order to start production.
Please check with the sales assistants information on feasibility, prices and delivery time.



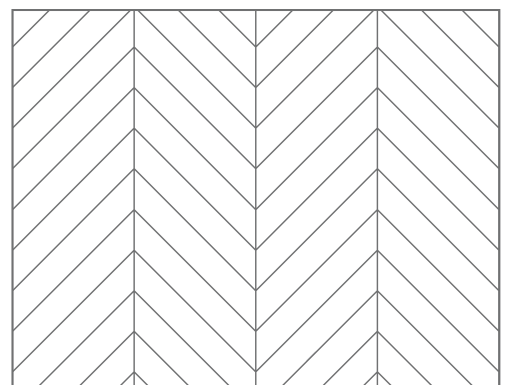


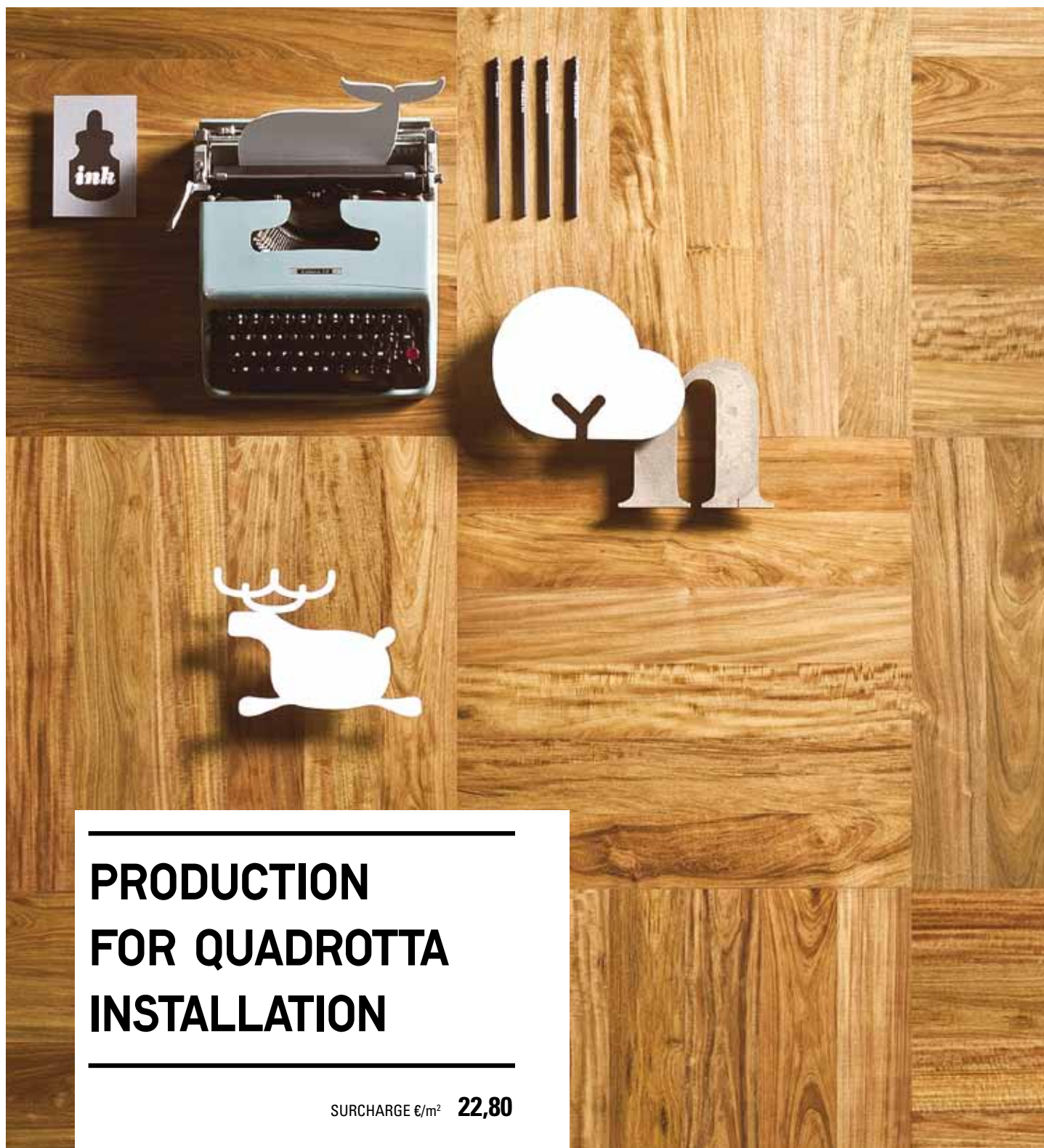
PRODUCTION FOR HUNGARIAN POINT CHEVRON PATTERN

PRICE €/m² **read text below**

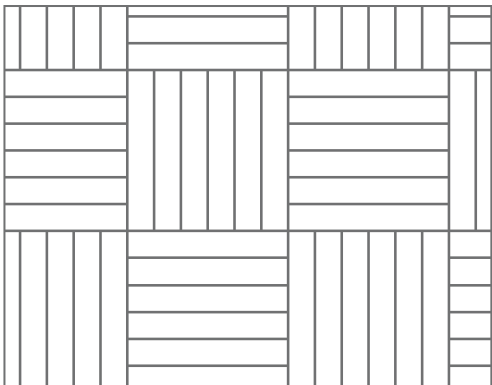
Possible production on all the products in 90 mm or 140 mm width. The long side of the wooden boards features an approx 530 mm length in products without bevel and approx 540 mm in products with bevel. Both options feature 60 degree angle. Minimum order quantity of 50 m². The delivered and invoiced quantity may exceed the ordered one, featuring a tolerance of 4 m² or 4% (depending upon which one is superior). The final price is the result of 20% increase on the price of the same product for regular installation (scrap is to be taken into account) therefore adding up an additional value of 28,80 €/m² (for wood working). Productions for installation with different angles may be taken into account upon request. Please check with the sales assistants information on feasibility, prices and delivery time.

We require 40% advance payment in order to start production.



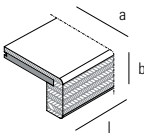


Possible production in Listone 90 with 540 mm lenght, prior to checking availability of raw material. Minimum order quantity of 50 m². The delivered and invoiced quantity may exceed the ordered one, featuring a tolerance of 4 m² or 4% (depending upon which one is superior).
 The price is an additional surcharge on the price for regular installation production. We require 40% advance payment in order to start production.
 Please check with the sales assistants information on feasibility, prices and delivery time.



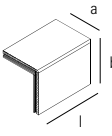
ACCESSORIES

STAIR NOSINGS (TYPE A) ⁽²⁾

	l Lenght	a Width	b Height	PRODUCTS	
	1200 mm	190 mm (1)	40 mm	Plank 230 / 190 / 140	141,50
	1200 mm	190 mm (1)	40 mm	Listone 190 / 140	141,50
	1200 mm	190 mm	40 mm	Prima 190 / 140 / 140 smart	141,50
	1200 mm	190 mm	40 mm	Prima flottante 190 / 140 smart	141,50
	1200 mm	90 mm	40 mm	Listone 90	94,40
	1200 mm	70 mm	40 mm	Corona 70	94,40

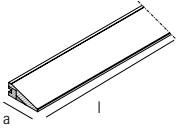
Prices are €/pc

STAIR NOSINGS (TYPE B) ⁽²⁾

	l Lenght	a Width	b Height	PRODUCTS	
	1200 mm	190 mm (1)	190 mm (1)	Plank 230 / 190 / 140	184,90
	1200 mm	190 mm (1)	190 mm (1)	Listone 190 / 140	184,90
	1200 mm	190 mm	190 mm	Prima 190 / 140 / 140 smart	184,90
	1200 mm	190 mm	190 mm	Prima flottante 190 / 140 smart	184,90
	1200 mm	90 mm	90 mm	Listone 90	98,80
	1200 mm	70 mm	70 mm	Corona 70	98,80

Prices are €/pc

REDUCERS ⁽²⁾

	a Width	b Lenght	PRODUCTS	
	30 mm	1200 mm	All products	54,10

Prices are €/pc

When placing the order, please specify all characteristics of the wood floor required to be installed with.

These products are manufactured upon request. The delivery time for standard elements is approx 30 days from receipt of order confirmation. For products with dimensions, shapes and colours other than

the standard, prices and delivery time are to be confirmed each individual time. **We require 40% advance payment in order to start production.**

The standard elements of stair nosings are not designed to be fitted side-by-side. If you require this installation check with the sales assistants information of feasibility,

price and delivery time.

These products have the typical tolerances of handcraft processing.

⁽¹⁾ Supplied in Iroko with 140 mm width.

⁽²⁾ Independently from type of installation of the corresponding wood floor, the reducers and stair nosings are to be used glued-down only.

LINGOTTO LISTONE GIORDANO

	PRODUCTS	
	Aluminum "Listone Giordano" brand plate including a wooden board with built-in plate	60,00

Prices are €/pc

ADHESIVE

	PRODUCTS	
	ECOLFIT (Silane eco-friendly one component adhesive) - 14 kg tin	6,35 €/kg
	VINYLIC ADHESIVE (vinyllic adhesive suitable for the joints of floating wood flooring) - 0,5 Kg tin	3,90 €/pc

MAT UNDERLAY

	PRODUCTS	
	Polyethylene mat suitable for floating floors. 3 mm. Thickness - 15 m ² packages	1,20

Prices are €/m²

ACCESSORIES

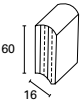
SKIRTING BOARD 50X10 (VENEER)

Dimensions		PRODUCTS	Xplus2 / Naturplus2	Invisible Touch
	h: 50 mm	Oak	3,80	5,10
	t: 10 mm	Oak Biancospino, Carvi, Tamarindo, Tortora, Testa di Moro, Montblanc	6,90	-
	l: 2,40 m	Oak Creta, Cashmere, Lino, Cemento	7,75 ⁽¹⁾	-

Packages of 19,20 lin.m.

Prices are €/lin.m.

SKIRTING BOARD 60X16 (VENEER)

Dimensions		PRODUCTS	Xplus2 / Naturplus2	Invisible Touch
	h: 60 mm	Oak	4,50	5,90
	t: 16 mm	Oak Biancospino, Carvi, Tamarindo, Tortora, Testa di Moro, Montblanc	7,75	-
	l: 2,40 m	Oak Creta, Cashmere, Lino, Cemento	8,60 ⁽¹⁾	-

Packages of 12 lin.m. or 24 lin.m.

Prices are €/lin.m.

LACQUERED SKIRTING BOARDS

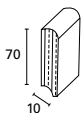
	h	t	l	Packages	COLOR	PROFIL	
	50 mm	10 mm	2,40 m	19,20 m	White	square	3,80
	60 mm	16 mm	2,40 m	12 o 24 m	White		4,25
	70 mm	10 mm	2,40 m	12 o 24 m	White		3,15

Prices are €/lin.m.

The coating of lacquered skirting board is made of monolayer melamine.	The skirting boards are produced upon request. The delivery time is approx 30 days. We require 40% advance payment in order to start production.	We recommend lacquered skirting boards to match with Michelangelo Bianco Assoluto.	⁽¹⁾ Supplied with digital print on veneer wood.
The wood veneer coating of the skirting board (veneered version) may show different grain and colour tone compared to the related wood flooring material.	We recommend Xplus2 or Naturplus2 finished skirting boards to match the wood floors in Oleonature.		⁽²⁾ Supplied in 82x13 mm dimension.
			⁽³⁾ The supplied length in the Decor skirting board may slightly vary compared to the ones above mentioned.



SKIRTING BOARD 70X10 (VENEER)

Dimensions  h: 70 mm t: 10 mm l: 2,40 m	PRODUCTS		
		Xplus2 / Naturplus2	Invisible Touch
	Oak	3,90	5,45
	Oak Biancospino, Carvi, Tamarindo, Tortora, Testa di Moro, Montblanc	6,90	-
	Oak Creta, Cashmere, Lino, Cemento	8,15 ⁽¹⁾	-
	Canadian Maple	4,20	-
	Cherry from Fontaines	4,25	-
	Cabreuva km 31	5,50	-
	Iroko	4,15	6,50
	Teak	4,45	6,85
	American Walnut	4,90	-
	Doussié	4,35	6,75
	Jatoba	7,10	-
	Morado ⁽²⁾	7,20	-
	Wenge	5,30	8,25

Packages of 12 lin.m. or 24 lin.m.

Prices are €/lin.m.

SKIRTING BOARD DECOR (SOLID)

Dimensions  a: 120 mm s: 14 mm l: 2,45 m	PRODUCTS
	White ⁽³⁾
	20,55

Packages of 14,7 m

Prices are €/lin.m.

atelier

Listone
Giordano

TECHNICAL INFORMATION

heritage

TOP LAYER THICKNESS: 3,5 mm ⁽¹⁾

SUPPORT THICKNESS: 9 mm

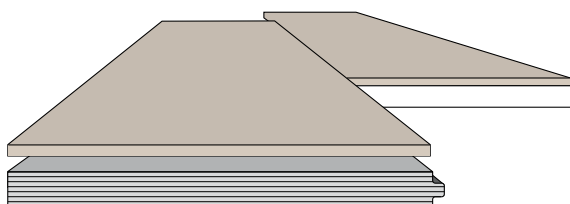
TOTAL THICKNESS: 12,5 mm

SUPPORT: BIRCH MULTILAYER

WEIGHT: 9 kg/m²

THERMAL RESISTANCE: 0,077 m² k / W

INSTALLATION: GLUED-DOWN



la spina

TOP LAYER THICKNESS: 3,5 mm ⁽¹⁾

SUPPORT THICKNESS: 9 mm

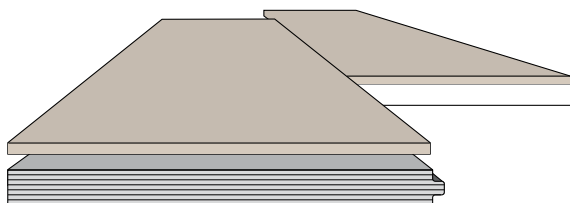
TOTAL THICKNESS: 12,5 mm

SUPPORT: BIRCH MULTILAYER

WEIGHT: 9 kg/m²

THERMAL RESISTANCE: 0,077 m² k / W

INSTALLATION: GLUED-DOWN



réserve

TOP LAYER THICKNESS: 3,5 mm ⁽¹⁾

SUPPORT THICKNESS: 14,5 mm

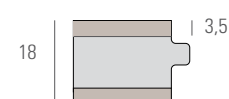
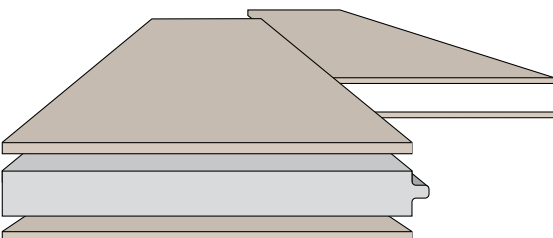
TOTAL THICKNESS: 18 mm

SUPPORT: BATTEN SUPPORT
COUNTER-BALANCED IN OAK

WEIGHT: 11 kg/m²

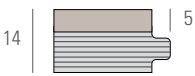
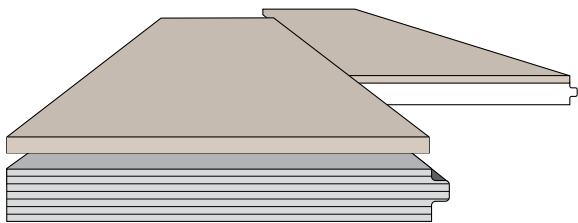
THERMAL RESISTANCE: 0,125 m² k / W

INSTALLATION: GLUED-DOWN OR FLOATING



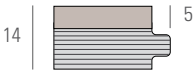
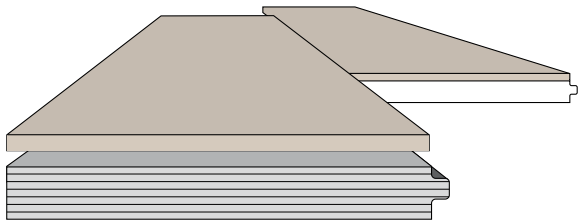
ancien

TOP LAYER THICKNESS: 5 mm
SUPPORT THICKNESS: 9 mm
TOTAL THICKNESS: 14 mm
SUPPORT: BIRCH MULTILAYER
WEIGHT: 10 kg/m²⁽²⁾
THERMAL RESISTANCE: 0,086 m² k / W ⁽²⁾
INSTALLATION: GLUED-DOWN



Quattrocento italiano

TOP LAYER THICKNESS: 5 mm
SUPPORT THICKNESS: 9 mm
TOTAL THICKNESS: 14 mm
SUPPORT: BIRCH MULTILAYER
WEIGHT: 10 kg/m²
THERMAL RESISTANCE: 0,086 m² k / W
INSTALLATION: GLUED-DOWN



All products in the Atelier range are compatible with underfloor heating and cooling system when installed with the full-spread glue down method. Carefully follow instructions on temperature and humidity levels for a correct use.

The features and specifications of products are subject to change with respect to the information in this document. For updated information please refer to the documentation available on the website www.listonegiordano.com

During the product selection phase we recommend to take a read of the “Information on hardwood flooring” on page 6 and review of the requirements relating to the installation, use and maintenance that are available on www.listonegiordano.com

⁽¹⁾ Due to the handcrafted processes emphasizing the surface of these products, the top layer thickness may differ from spot to spot. The above mentioned thickness is related to parts of the wooden boards not subjected to surface’s treatments.

⁽²⁾ Approximate values related to Oak top layer version.

TECHNICAL INFORMATION

FINISHES

INVISIBLE TOUCH

CRYSTALCARE

Water-based finishing that protects the wood whilst keeping the natural appearance and colour of an untreated surface. This finishing features the anti-bacterial Crystalcare technology.

OLEONATURE

CRYSTALCARE

Natural oils-based finishing air-dried. Thanks to a special protective treatment applied as a last coating, it is characterized by high protection and practicality of maintenance. This finishing features the anti-bacterial Crystalcare technology.

SURFACES

Filigrana

The brushing treatment of the surface enhances the grain design of the wood.

Traccia

Crafted surface that presents the typical signs of planing.

Filo di Lama

Cut-sawn effect of the surface.

Mareggiata

Crafted surface highlighting knots and authentic characteristics of the wood, just like a material exposed to outdoor climatic effects.

The hardwood flooring planks of the Atelier collection have the typical features of handmade products. Visible differences between planks or within the same plank (i.e. uneven and/or rough surface, difference in color tones) are not defects but rather represent the essence of these products.

Wood is a natural and variegated material. Pictures and brief descriptions featured in this pricelist are not able to fully represent the appearance of each product and must therefore be considered as indicative and not contractual (non binding). A more complete and detailed description of the different grades is available on the website www.listonegiordano.com





				190 thickness 12,5 mm top layer 3,5 mm lengths 1500-2400 mm	140 thickness 12,5 mm top layer 3,5 mm lengths 1200-2400 mm	140 smart thickness 12,5 mm top layer 3,5 mm lengths 1000-1200 mm
FEATURE	SURFACE	FINISH				
OAK FROM FONTAINES	Città della Pieve 1999	filigrana	Oleonature	103,55	91,60	
	Ostuni 1506	filigrana	Oleonature	115,25	103,30	
	Firenze 1565 ⁽²⁾	filigrana	Oleonature	122,15		92,55
	Siena 1179 ⁽²⁾	filigrana	Oleonature	134,90		105,30
	Fiesole 1125	filigrana	Oleonature	122,15 ⁽¹⁾	105,05	
	Civita 1695	filigrana	Invisible Touch	130,55 ⁽¹⁾	113,45	

Prices are €/m²

Brushed surface

These products feature a bevel on all four edges.

These products are supplied in one length or mixed lengths according to availability. The material may incorporate up to 10% of the total surface of shorter lengths compared to the ones mentioned. Orders of fixed or specific lengths will be individually evaluated and once accepted a surcharge is to be applied.

These products emphasize a natural colour tone variegation, a marked and widespread presence of filled and open fractures, as well as consolidated, tight and partially filled

knots. A detailed description of the grade is available on the dedicated page of the website www.listonegiordano.com

Upon request products in Oak from Fontaines in 190 mm width may be supplied in Fibrmix grade (see description on page 12) with 6 €/m² surcharge.

Upon request these products may be supplied in the floating version (15 mm total thickness) with a 4 €/m² surcharge.

These products are manufactured upon request. Minimum quantity is 25 m².

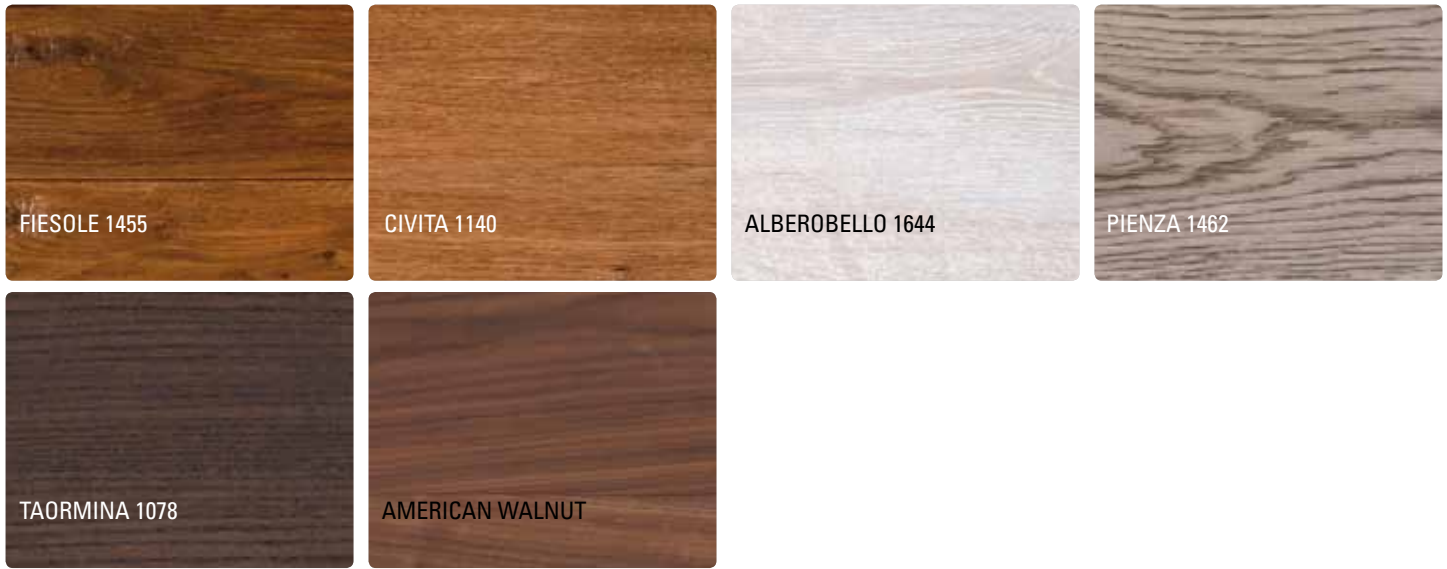
The delivered and invoiced quantity may exceed the one originally ordered with 4 m² or 4% tolerance (the highest between the two).

We require 40% advance payment in order to start production.

Before placing the order please check availability and delivery time with the sales assistants.

⁽¹⁾ It may be supplied in 180 mm width instead of 190 mm according to availability.

⁽²⁾ **The crafted treatments of these products may characterize the final appearance of the surface therefore surfaces and color tones may different from one production batch to another. Combination of products in multi widths may show non homogenous aspects due to different productions batches.**



				190	140	140 smart
				thickness 12,5 mm top layer ⁽¹⁾ 3,5 mm lengths 1500-2400 mm	thickness 12,5 mm top layer ⁽¹⁾ 3,5 mm lengths 1200-2400 mm	thickness 12,5 mm top layer ⁽¹⁾ 3,5 mm lengths 1000-1200 mm
FEATURE		SURFACE	FINISH			
OAK FROM FONTAINES	Fiesole 1455	traccia	Oleonature	143,20 ⁽²⁾	123,20	
	Civita 1140	traccia	Invisible Touch	151,60 ⁽²⁾	131,60	
	Alberobello 1644	traccia	Oleonature	156,00 ⁽²⁾	135,95	
	Pienza 1462	traccia	Oleonature	156,00	135,95	
	Taormina 1078	traccia	Oleonature	156,00	135,95	
	American Walnut	traccia	Oleonature	151,60	131,60	

Prices are €/m²

Planned surface

These products feature a bevel on all four edges. These products are supplied in one lenght or mixed lengths according to availability. The material may incorporate up to 10% of the total surface of shorter lenghts compared to the ones mentioned. Orders of fixed or specific lengths will be individually evaluated and once accepted a surcharge is to be applied. These products emphasize a natural colour tone variegation, a marked and widespread presence of filled and open fractures, as well as consolidated, tight and partially filled	knots. A detailed description of the grade is available on the dedicated page of the website www.listonegiordano.com. Roughness of the surface and small splintering may trap the cleaning cloths. Please be aware of this roughness and splintering when walking barefeet on the floor. Upon request products in Oak from Fontaines in 190 mm width may be supplied in Fibramix grade (see description on page 12) with 6 €/m² surcharge. Upon request these products may be supplied	in the floating version (15 mm total thickness) with a 4 €/m² surcharge. These products are manufactured upon request. Minimum quantity is 25 m². The delivered and invoiced quantity may exceed the one originally ordered with 4 m² or 4% tolerance (the highest between the two). We require 40% advance payment in order to start production. Before placing the order please check availability and delivery time with the sales assistants.	⁽¹⁾ Due to the handcrafted processes emphasizing the surface of these products, the top layer thickness may differ from spot to spot. The above mentioned thickness is related to parts of the wooden boards not subjected to surface's treatments. ⁽²⁾ Depending on availability it may be supplied in 180 mm width instead of 190 mm width.
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				190	140	140 smart
				thickness 12,5 mm top layer 3,5 mm lengths 1500-2400 mm	thickness 12,5 mm top layer 3,5 mm lengths 1200-2400 mm	thickness 12,5 mm top layer 3,5 mm lengths 1000-1200 mm
FEATURE		SURFACE	FINISH			
OAK FROM FONTAINES	Fiesole 1028	filo di lama	Oleonature	143,20 ⁽¹⁾	123,20	
	San Gimignano 1311	filo di lama	Oleonature	156,00	135,95	
	Montalcino 1118	filo di lama	Oleonature	156,00	135,95	
	Bagno Vignoni 1262	filo di lama	Oleonature	156,00	135,95	

Prices are €/m²

Cut-sawn effect of the surface

These products feature a bevel on all four edges. These products are supplied in one lenght or mixed lengths according to availability. The material may incorporate up to 10% of the total surface of shorter lenghts compared to the ones mentioned. Orders of fixed or specific lengths will be individually evaluated and once accepted a surcharge is to be applied. These products emphasize a natural colour tone variegation, a marked and widespread presence of filled and open fractures, as well as consolidated, tight and partially filled	knots. A detailed description of the grade is available on the dedicated page of the website www.listonegiordano.com. Roughness of the surface and small splintering may trap the cleaning cloths. Please be aware of this roughness and splintering when walking barefeet on the floor. Upon request products in Oak from Fontaines in 190 mm width may be supplied in Fibratrix grade (see description on page 12) with 6 €/m² surcharge. Upon request these products may be supplied	in the floating version (15 mm total thickness) with a 4 €/m² surcharge. These products are manufactured upon request. Minimum quantity is 25 m². The delivered and invoiced quantity may exceed the one originally ordered with 4 m² or 4% tolerance (the highest between the two). We require 40% advance payment in order to start production. Before placing the order please check availability and delivery time with the sales assistants.	⁽¹⁾ Depending on availability it may be supplied in 180 mm width instead of 190 mm width.
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FIESOLE 1455



CIVITA 1140



ALBEROBELLO 1644



PIENZA 1462



TAORMINA 1078

				90 thickness 12,5 mm top layer ⁽¹⁾ 3,5 mm length 540 or 600 mm
	FEATURE	SURFACE	FINISH	
OAK FROM FONTAINES	Fiesole 1455	traccia	Oleonature	133,20
	Civita 1140	traccia	Invisible Touch	141,60
	Alberobello 1644	traccia	Oleonature	145,95
	Pienza 1462	traccia	Oleonature	145,95
	Taormina 1078	traccia	Oleonature	145,95

Prices are €/m²

Planed surface

These products feature a bevel on all four edges.

Products are supplied in 540 or 600 mm according to availability for herringbone installation.

These products emphasize a natural colour tone variegation, a marked and widespread presence of filled and open fractures, as well as consolidated, tight and partially filled knots. A detailed description of the grade is available on the dedicated page of the website www.listonegiordano.com.

Roughness of the surface and small

splintering may trap the cleaning cloths. Please be aware of this roughness and splintering when walking barefeet on the floor.

These products are manufactured upon request. Minimum quantity is 25 m². The delivered and invoiced quantity may exceed the one originally ordered with 4 m² or 4% tolerance (the highest between the two). **We require 40% advance payment in order to start production.**

Before placing the order please check availability and delivery time with the sales assistants.

⁽¹⁾ Due to the handcrafted processes emphasizing the surface of these products, the top layer thickness may differ from spot to spot. The above mentioned thickness is related to parts of the wooden boards not subjected to surface's treatments.



				190 thickness 18 mm top layer ⁽¹⁾ 3,5 mm lengths 1600-1900 mm
	FEATURE	SURFACE	FINISH	
OAK	Firenze 1299	traccia	Oleonature	139,55
	Agrigento 1881	traccia	Oleonature	167,65
	Siena 1348	traccia	Oleonature	167,65

Prices are €/m²

Planed surface

These products feature a bevel on all four edges.

These products are supplied in one lenght or mixed lengths according to availability. The material may incorporate up to 10% of the total surface of shorter lenghts compared to the ones mentioned. Orders of fixed or specific lengths will be individually evaluated and once accepted a surcharge is to be applied.

These products emphasize a natural colour tone variegation, a marked and widespread presence of filled and open fractures, as well as consolidated, tight and partially filled

knots. A detailed description of the grade is available on the dedicated page of the website www.listonegiordano.com.

Roughness of the surface and small splintering may trap the cleaning cloths. Please be aware of this roughness and splintering when walking barefeet on the floor.

These products are manufactured upon request. Minimum quantity is 25 m². The delivered and invoiced quantity may exceed the one originally ordered with 4 m² or 4% tolerance (the highest between the two). **We require 40% advance payment**

in order to start production.

Before placing the order please check availability and delivery time with the sales assistants.

⁽¹⁾ Due to the handcrafted processes emphasizing the surface of these products, the top layer thickness may differ from spot to spot. The above mentioned thickness is related to parts of the wooden boards not subjected to surface's treatments.



				190 thickness 18 mm top layer ⁽¹⁾ 3,5 mm lengths 1600-1900 mm
	FEATURE	SURFACE	FINISH	
OAK	Firenze 1420	filo di lama	Oleonature	157,60
	Agrigento 1087 ⁽²⁾	filo di lama	Oleonature	183,95
	Erice 1460	filo di lama	Oleonature	183,95

Prices are €/m²

Cut-sawn effect of the surface

These products feature a bevel on the two longitudinal sides.

These products are supplied in one length or mixed lengths according to availability. The material may incorporate up to 10% of the total surface of shorter lengths compared to the ones mentioned. Orders of fixed or specific lengths will be individually evaluated and once accepted a surcharge is to be applied.

These products emphasize a natural colour tone variegation, a marked and widespread presence of filled and open fractures, as well as consolidated, tight and partially filled

knots. A detailed description of the grade is available on the dedicated page of the website www.listonegiordano.com.

Roughness of the surface and small splintering may trap the cleaning cloths. Please be aware of this roughness and splintering when walking barefeet on the floor.

These products are manufactured upon request. Minimum quantity is 25 m². The delivered and invoiced quantity may exceed the one originally ordered with 4 m² or 4% tolerance (the highest between the two). **We require 40% advance payment**

in order to start production.

Before placing the order please check availability and delivery time with the sales assistants.

⁽¹⁾ Due to the handcrafted processes emphasizing the surface of these products, the top layer thickness may differ from spot to spot. The above mentioned thickness is related to parts of the wooden boards not subjected to surface's treatments.

⁽²⁾ Occasionally available.



PISA 1173



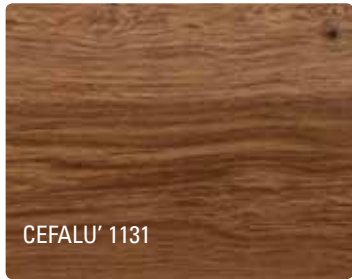
AMALFI 1266



GENOVA 1260



MATERA 1230



CEFALU' 1131

				260 thickness 18 mm top layer ⁽¹⁾ 3,5 mm lengths 2800 and 3000 mm	190 thickness 18 mm top layer ⁽¹⁾ 3,5 mm lengths 1600 and 1900 mm
	FEATURE	SURFACE	FINISH		
OAK	Pisa 1173	mareggiata	Oleonature	202,40	159,90
	Amalfi 1266	mareggiata	Oleonature	226,10	183,60
	Genova 1260	mareggiata	Oleonature	226,10	183,60
	Matera 1230	mareggiata	Oleonature	226,10	183,60
	Cefalù 1131	mareggiata	Invisible Touch	217,30	174,80

Prices are €/m²

Wood floor with handcrafted surface, which emphasizes the structure of knots and the most authentic characteristics of the species, as for a material exposed naturally to the actions of the time.

These products feature a bevel on all four edges.

These products are supplied in one lenght or mixed lengths according to availability. The material may incorporate up to 10% of the total surface of shorter lenghts compared to the ones mentioned. Orders of fixed or specific lengths will be individually evaluated and once accepted a surcharge is to be applied.

These products emphasize a natural colour tone variegation, a marked and widespread presence of filled and open fractures, as well as consolidated, tight and partially filled

knots. A detailed description of the grade is available on the dedicated page of the website www.listonegiordano.com.

The crafted treatments of these products may characterize the final appearance of the surface therefore surfaces and color tones may different from one production batch to another. Combination of products in multi widths may show non homogenous aspects due to different productions batches.

Roughness of the surface and small splintering may trap the cleaning cloths. Please be aware of this roughness and

splintering when walking barefeet on the floor.

These products are manufactured upon request. Minimum quantity is 25 m². The delivered and invoiced quantity may exceed the one originally ordered with 4 m² or 4% tolerance (the highest between the two). **We require 40% advance payment in order to start production.**

Before placing the order please check availability and delivery time with the sales assistants.

⁽¹⁾ Due to the handcrafted processes emphasizing the surface of these products, the top layer thickness may differ from spot to spot. The above mentioned thickness is related to parts of the wooden boards not subjected to surface's treatments.



				90-140-190-230 thickness 14 mm top layer 5 mm lengths 1200-2400 mm	90-125-140-190 thickness 14 mm top layer 5 mm lengths 1000-2100 mm
	FEATURE	FINISH			
WALNUT	Puro	Oleonature			201,50
CHERRY FROM FONTAINES	Puro	Oleonature			157,70
OAK FROM FONTAINES	Puro	Oleonature		125,55	
	Puro	Invisible Touch		130,75	

Prices are €/m²

These products feature a bevel on all four edges.

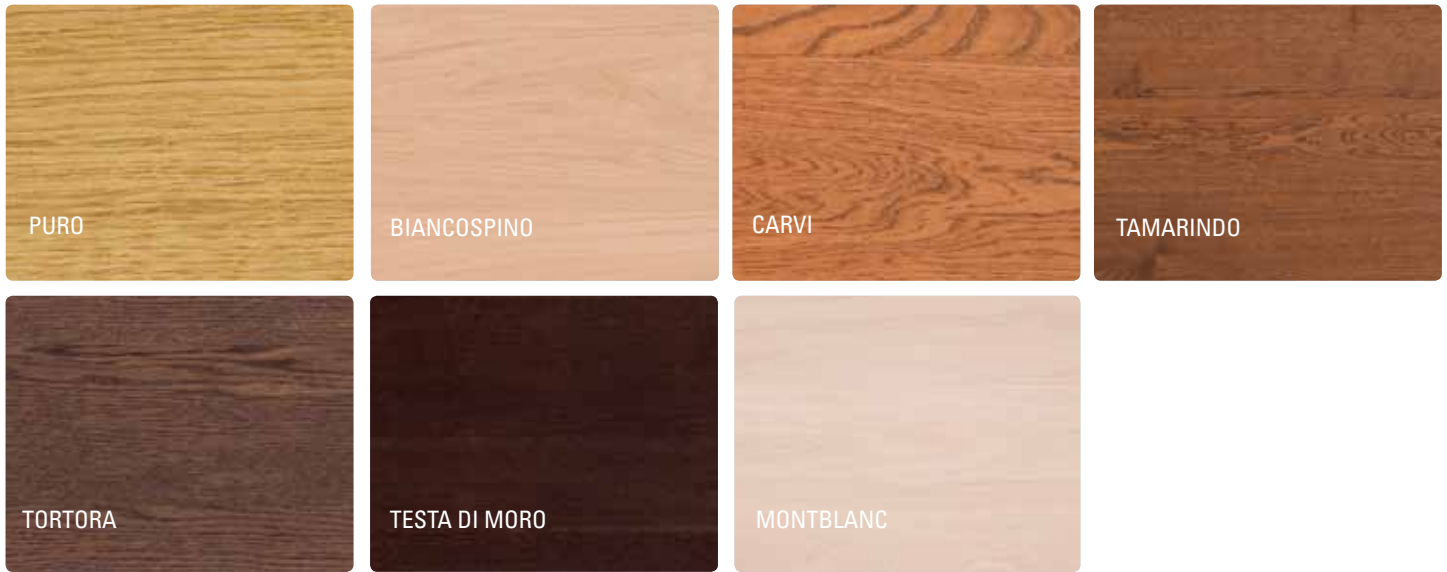
These products are supplied in mixed lengths and widths. The material can incorporate up to 10% of the total surface, inferior lengths compared to the ones here mentioned.

These products feature natural non homogenous colour tones, presence of knots cracks, even tight or partially open ones. Some boards may show traces of sapwood along the sides. A more detailed description of the grade is available on the dedicated page of the website

www.listonegiordano.com

These products are manufactured upon request. Minimum quantity is 25 m². The delivered and invoiced quantity may exceed the one originally ordered with 4 m² or 4% tolerance (the highest between the two). **We require 40% advance payment in order to start production.**

Before placing the order please check availability and delivery time with the sales assistants.



			190 thickness 14 mm top layer 5 mm lengths 1800 and 2400 mm	290 thickness 14 mm top layer 5 mm lengths 1800 and 2400 mm	390 thickness 14 mm top layer 5 mm lengths 1800 and 2400 mm
FEATURE		FINISH			
OAK FROM FONTAINES	Puro	Oleonature	119,45	159,30	172,05
	Puro	Invisible Touch	124,65	164,50	177,25
	Michelangelo ⁽¹⁾	Oleonature	131,15	171,00	183,75

Prices are €/m²

These products feature a bevel on all four edges.

These products are supplied in one length or divided in two lengths upon request and according to availability.

These products feature natural non homogenous colour tones, presence of knots cracks, even tight or partially open ones. Some boards may show traces of sapwood along the sides. A more detailed description of the grade is available on the dedicated page of the website www.listonegiordano.com

Products with different lengths or grades can be made on request. Please check with the sales assistants for feasibility, prices and delivery times.

These products are manufactured upon request. Minimum quantity is 25 m². The delivered and invoiced quantity may exceed the one originally ordered with 4 m² or 4% tolerance (the highest between the two). **We require 40% advance payment in order to start production.**

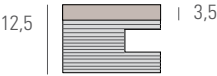
Before placing the order please check availability and delivery time with the sales

assistants.

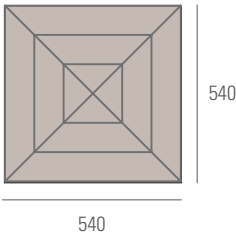
⁽¹⁾ Available in Biancospino, Carvi, Tamarindo, Tortora, Testa di Moro, Montblanc.



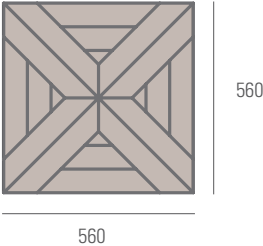
TOP LAYER THICKNESS: 3,5 mm ⁽¹⁾
SUPPORT THICKNESS: 9 mm
TOTAL THICKNESS: 12,5 mm
SUPPORT: BIRCH MULTILAYER
WEIGHT: 9 kg/m² ⁽¹⁾
THERMAL RESISTANCE: 0,077 m² k / W ⁽¹⁾
INSTALLATION: GLUED-DOWN



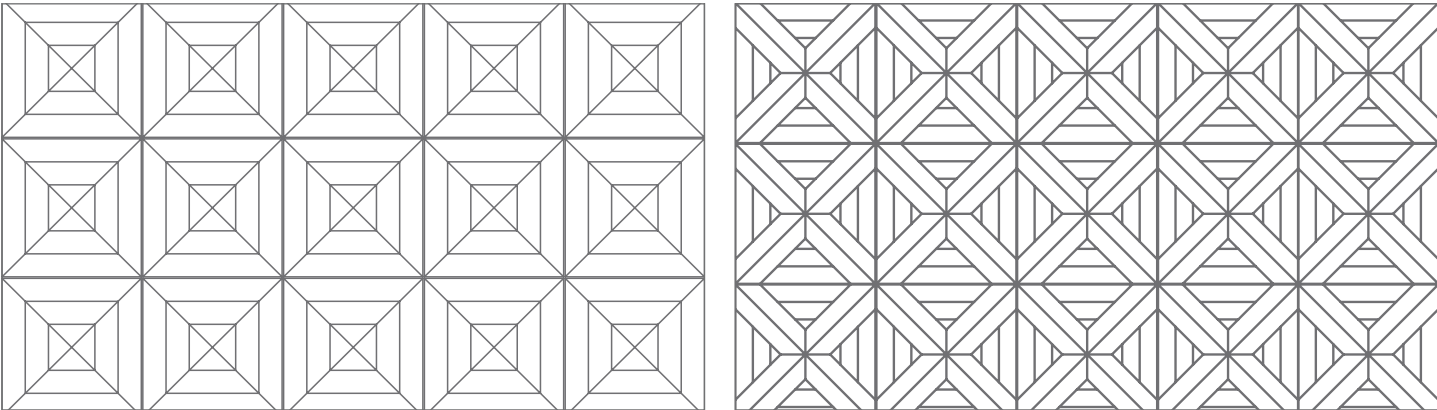
PONTIGNY



FONTENAY



INSTALLATION PATTERNS



These Modules are milled with groove profiles and slight bevel on all four sides. They interlock by means of solid wood loose tongues supplied with the material.

⁽¹⁾ Approximate value related to Oak top layer version.

These products are suitable for underfloor heating and cooling system, provided that temperature and humidity conditions are complied with according to the instructions of use.

Products features may change with respect to the information in this document. For updated information please refer to the documentation available on the website www.listonegiordano.com.





			PONTIGNY thickness 12,5 mm top layer 3,5 mm	FONTENAY thickness 12,5 mm top layer 3,5 mm
	FEATURE	FINISH		
OAK FROM FONTAINES	Puro	Oleonature	384,25	384,25
TEAK	Puro	Oleonature	423,70	423,70
WALNUT	Puro	Oleonature	437,95	437,95

Prices are €/m²

Upon design bespoke Modules/elements may be produced, as alternative to the ones above mentioned. For more information regarding feasibility, costs and timing please check with the sales assistants.

Due to perimetral cuts a 5% to 10% wastage is to be included, though it may slightly vary according to the geometry of the surface to be fitted. Our technical department is fully available to provide correct information on the quantity required.

These products are manufactured upon request. Minimum quantity is 25 m². The delivered and invoiced quantity may

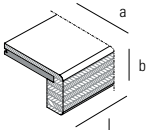
exceed the one originally ordered with 4 m² or 4% tolerance (the highest between the two). **We require 40% advance payment in order to start production.**

Before placing the order please check availability and delivery time with the sales assistants.

ACCESSORIES

STAIR NOSINGS (TYPE A) ⁽¹⁾ ⁽²⁾

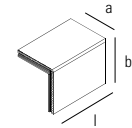
	l Lenght	a Width	b Height	PRODUCTS	
	1200 mm	190 mm	40 mm	All products	141,50



Prices are €/pc

STAIR NOSINGS (TYPE B) ⁽²⁾

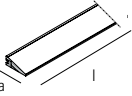
	l Lenght	a Width	b Height	PRODUCTS	
	1200 mm	190 mm	190 mm	All products	184,90



Prices are €/pc

REDUCERS ⁽²⁾

	a Width	l Lenght	PRODUCTS	
	30 mm	1200 mm	All products	54,10



Prices are €/pc

When placing the order, please specify the characteristics of the corresponding wood floor.

These products are manufactured upon request. The delivery time for standard elements is approx 30 days from receipt of order confirmation. For products with dimensions, shapes and colours other than

the standard ones, prices and delivery time are to be confirmed each individual time.
We require 40% advance payment in order to start production.

The standard elements of stair nosings are not designed to be fitted side-by-side. If you require this kind of installation please check feasibility, costs and timing with the sales

assistants.

These products have the typical tolerances of a handcraft processing.

⁽¹⁾ The front of Stair nosing “type A” does not feature any surface treatment.

⁽²⁾ Independently from the type of installation of the corresponding wood floor, the stair nosings and reducers are to be used glued-down only

LINGOTTO LISTONE GIORDANO

	PRODUCTS	
	Aluminum "Listone Giordano" brand plate including a wooden board with built-in plate	60,00

Prices are €/pc

ADHESIVE

	PRODUCTS	
	ECOLFIT (Silane eco-friendly one component adhesive) - 14 kg tin	6,35 €/kg
	VINYLIC ADHESIVE (vinyl adhesive suitable for the joints of floating wood flooring) - 0,5 Kg tin	3,90 €/pc

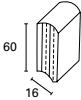
MAT UNDERLAY

	PRODUCTS	
	Polyethylene mat suitable for floating floors. 3 mm. Thickness - 15 m ² packages	1,20

Prices are €/m²

ACCESSORIES

SKIRTING BOARD 60X16 (VENEER)

Dimensions	PRODUCTS			Oleonature	Naturplus2
	RESERVE TRACCIA	OAK	Firenze 1299	16,10	8,60 ⁽¹⁾
			Agrigento 1881	16,10	8,60 ⁽¹⁾
			Siena 1348	16,10	8,60 ⁽¹⁾
	RESERVE FILO DI LAMA	OAK	Firenze 1420	16,10	-
			Agrigento 1087	16,10	-
			Erice 1460	16,10	11,75 ⁽²⁾
	RESERVE MAREGGIATA	OAK	Pisa 1173	16,10	8,60 ⁽¹⁾
			Amalfi 1266	16,10	-
			Genova 1260	16,10	-
			Matera 1230	-	8,60 ⁽¹⁾
			Cefalù 1131	-	8,60 ⁽¹⁾

Packages of 12 lin.m. or 24 lin.m..

Prices are €/lin.m.

LACQUERED SKIRTING BOARDS

	h	t	l	Packages	COLOR	PROFIL	
	50 mm	10 mm	2,40 m	19,20 m	White	square	3,80
	60 mm	16 mm	2,40 m	12 o 24 m	White		4,25
	70 mm	10 mm	2,40 m	12 o 24 m	White		3,15

Prices are €/lin.m.

The coating of the lacquered skirting board is made of monolayer melamine.

The skirting boards are produced upon request. The delivery time is approx 30 days.

The skirting boards do not feature any surface treatments, except for Erice 1460 in Naturplus2.

The wood veneer coating of the skirting board (veneered version) may show different grain and colour tone compared to the related wood flooring material.

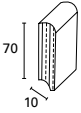
Wood floors in Oelonature finish may be complemented with skirting boards in the same finish or in Naturplus2.

⁽¹⁾ Supplied with digital print on veneer wood.

⁽²⁾ Made with cut-sawn effect.

⁽³⁾ The supplied length in the Decor skirting board may slightly vary compared to the ones mentioned above.

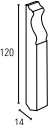
SKIRTING BOARD 70X10 (VENEER)

Dimensions	PRODUCTS			Oleonature	Invisible Touch	Naturplus2
 h: 70 mm t: 10 mm l: 2,40 m	HERITAGE / LA SPINA traccia	OAK	Fiesole, Civita, Alberobello	-	-	8,15 ⁽¹⁾
			Pienza, Taormina	-	-	8,15 ⁽¹⁾
		WALNUT CANALETTO		-	-	4,90
	HERITAGE filo di lama	OAK	Fiesole, San Gimignano, Montalcino, Bagno Vignoni	15,55	-	-
	HERITAGE filigrana	OAK	Città della Pieve	-	-	3,90
			Ostuni	-	-	6,90
			Fierenze, Siena, Fiesole, Civita	-	-	8,15 ⁽¹⁾
	ANCIEN	WALNUT	Puro	15,80	-	-
		CHERRY	Puro	-	-	4,25
		OAK	Puro	-	5,45	3,90
	QUATTROCENTO ITALIANO	OAK	Puro	-	5,45	3,90
			Biancospino, Carvi, Tamarindo, Tortora, Testa di Moro, Montblanc	-	-	6,90
	DECO'	OAK	Puro	-	-	3,90
		TEAK	Puro	-	-	4,45
		WALNUT	Puro	15,80	-	-

Packages of 12 lin.m. or 24 lin.m..

Prices are €/lin.m.

SKIRTING BOARD DECOR (SOLID)

Dimensions	PRODUCTS	
 a: 120 mm s: 14 mm l: 2,45 m	White ⁽³⁾	20,55

Packages of 14,7 m

Prices are €/lin.m.

medoc



Michele De Lucchi

quadrone



Marco Tortolodi Ricci

vibrazioni

designer



Daniele Iago

elisi



matteo mazzanti

foxtrot

ნატურალ გენიუს

Listone
Giordano

TECHNICAL INFORMATION

FINISHES

NATURPLUS2

CRYSTALCARE

Solvents-free varnish characterized by a natural matt aspect, applied after a brushing treatment enhancing the wooden grain. This finishing features the anti-bacterial Crystalcare technology.

INVISIBLE TOUCH

CRYSTALCARE

Water-based finishing that protects the wood whilst keeping the natural appearance and colour of an untreated surface. This finishing features the anti-bacterial Crystalcare technology.

OLEONATURE

CRYSTALCARE

Natural oils-based finishing air-dried. Thanks to a special protective treatment applied as a last coating, it is characterized by high protection and practicality of maintenance. This finishing features the anti-bacterial Crystalcare technology.

SURFACES

Filo di Lama

Cut-sawn effect of the surface.

The hardwood flooring planks of the Natural Genius collection have the typical features of handmade products. Visible differences between planks or within the same plank (i.e. uneven and/or rough surface, difference in color tones) are not defects but rather represent the essence of these products.

medoc

| Design: Michele De Lucchi with Philippe Nigro

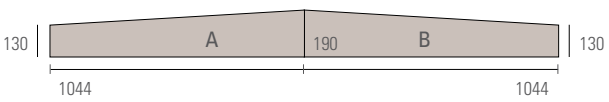
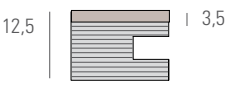
Medoc / Oak #01

The particular tapered geometry of the boards is the epitome of ancient values creating a weaving wooden texture with a contemporary twist.

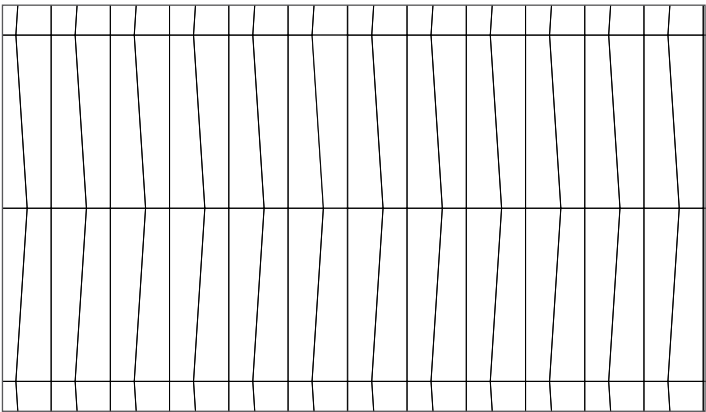
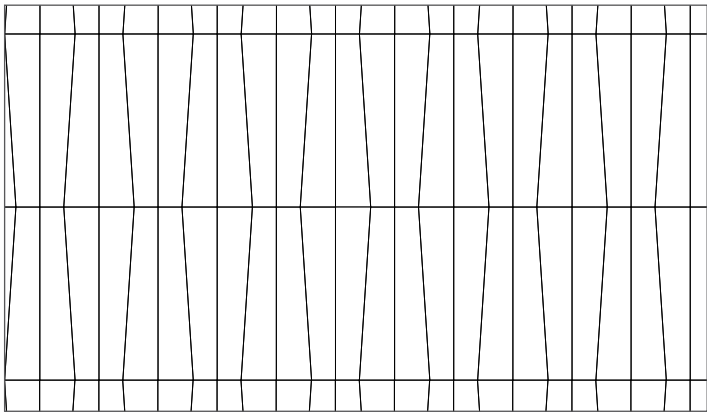
A wood floor conceived by Michele De Lucchi boasting prestigious international design awards.



TOP LAYER THICKNESS: 3,5 mm
SUPPORT THICKNESS: 9 mm
TOTAL THICKNESS: 12,5 mm
SUPPORT: BIRCH MULTILAYER
WEIGHT: 9 kg/m²
THERMAL RESISTANCE: 0,077 m² k / W
INSTALLATION: GLUED-DOWN



INSTALLATION PATTERNS



These elements are milled with groove profile. They interlock by means of solid wood loose tongues supplied with the material.

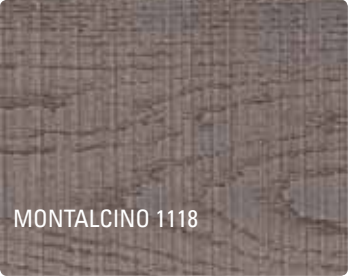
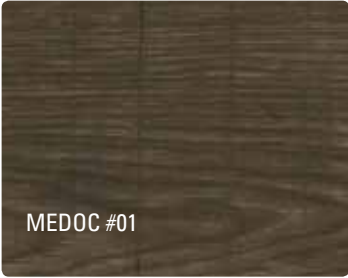
In order to lay this specific geometric pattern, boards of the same shape will be supplied half A and half B.

See technical sheet for more information on the installation patterns.

These products are suitable for underfloor heating and cooling system provided that strict instructions on temperature and humidity are fully complied with.

Product's features may change with respect to the information in this document. For update information please check the technical sheets available on www.listonegiordano.com

We recommend to read the "information notes" on page 6 during the selection and purchasing phase focusing on the installation, use and maintenance instructions available on www.listonegiordano.com.



				130-190 thickness 12,5 mm top layer 3,5 mm length 1044 mm
FEATURE SURFACE FINISH				
OAK FROM FONTAINES	Medoc #01	filo di lama	Oleonature	266,50
	Medoc #02	filo di lama	Oleonature	245,90
	Medoc #03	filo di lama	Oleonature	260,00
	Fiesole 1028	filo di lama	Oleonature	245,90
	San Gimignano 1311	filo di lama	Oleonature	260,00
	Montalcino 1118	filo di lama	Oleonature	260,00
	Bagno Vignoni 1262	filo di lama	Oleonature	260,00

Prices are €/m²

Cut-sawn effect of the surface

These products are made with bevel on all four sides.	Please be aware of this roughness and splintering when walking barefeet on the floor.	availability and delivery time with the sales assistants.
These products emphasize a natural colour tone variegation, a marked and widespread presence of filled and open fractures, as well as consolidated, tight and partially filled knots. A detailed description of the grade is available on the dedicated page of the website www.listonegiordano.com .	These products are manufactured upon request. Minimum quantity is 25 m². The delivered and invoiced quantity may exceed the one originally ordered with 4 m² or 4% tolerance (the highest between the two). We require 40% advance payment in order to start production.	
Roughness of the surface and small splintering may trap the cleaning cloths.	Before placing the order please check	

quadrone

| Design: Michele De Lucchi with Philippe Nigro

Quadrone / Ancient teck

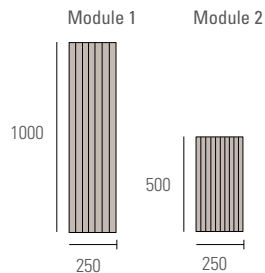
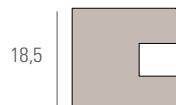
Wooden floor reinterpreting historical European tradition of decorative wooden panels in a contemporary style.

This product is made using entirely reclaimed solid Teak sourced from the restoration of ancient beams.

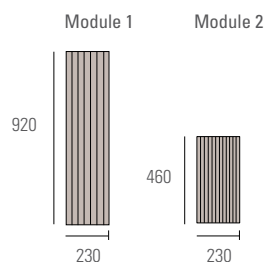




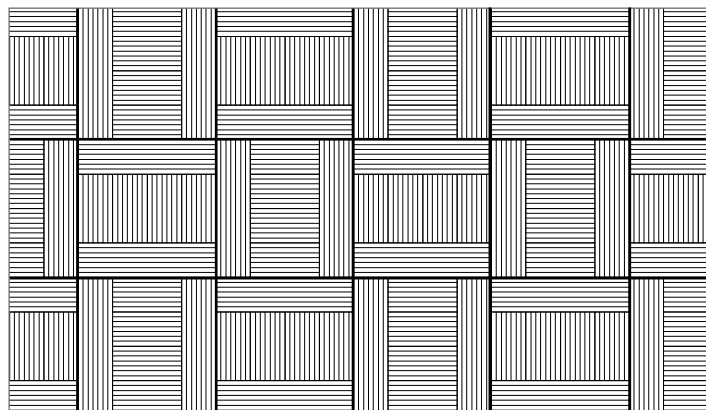
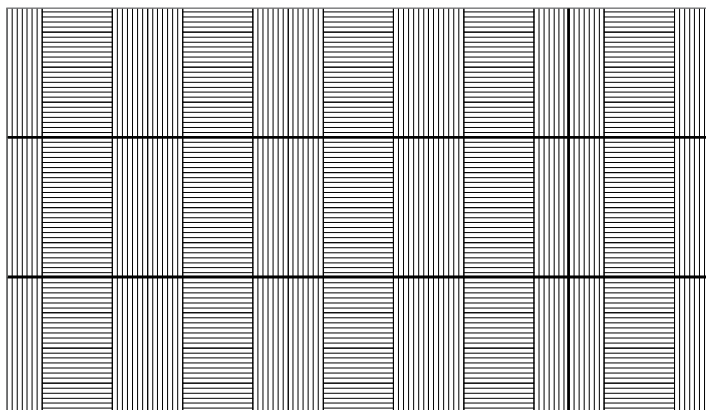
TOP LAYER THICKNESS: 18,5 mm
 SUPPORT THICKNESS: 18,5 mm
 SUPPORT: SOLID WOOD
 WEIGHT: 12,4 kg/m²
 THERMAL RESISTANCE 0,116 m² K/W
 INSTALLATION: GLUED-DOWN



TOP LAYER THICKNESS: 3,5 mm
 SUPPORT THICKNESS: 9 mm
 TOTAL THICKNESS: 12,5 mm
 SUPPORT: BIRCH MULTILAYER
 WEIGHT: 9 kg/m²
 THERMAL RESISTANCE: 0,077 m² k / W
 INSTALLATION: GLUED-DOWN



INSTALLATION PATTERNS



In 18.5 mm thickness version, elements are milled with groove profiles on all four sides. They interlock by means of solid wood loose tongues supplied with the material. Each packed unit contains 2 elements of "Module 1" and 4 elements "Module 2".

In 12.5 mm thickness version, elements are milled with tongue and groove profile on the long sides and groove profile on both short sides. Short sides interlock by means of suitable solid tongues wood loose supplied with the material. "Module 1" and "Module

2" elements are packed individually and may be ordered separately.

Please check the technical sheet for more information on patterns installation. These products are suitable for underfloor heating and cooling system provided that strict instructions on temperature and humidity are fully complied with.

Product's features may change with respect to the information in this document. For update information please check the

technical sheets available on www.listonegiordano.com

We recommend to read the "information notes" on page 6 during the selection and purchasing phase focusing on the installation, use and maintenance instructions available on www.listonegiordano.com.



	FINISH	Module 1	Module 2
		thickness 18,5 mm top layer 18,5 mm Dimensions 250x1000 mm	thickness 18,5 mm top layer 18,5 mm Dimensions 250x500 mm
ANCIENT TEAK	To be finished on site	415,10	415,10

Prices are €/m²

	FEATURE	FINISH	Module 1	Module 2
			thickness 12,5 mm top layer 3,5 mm Dimensions 230x920 mm	thickness 12,5 mm top layer 3,5 mm Dimensions 230x460 mm
OAK FROM FONTAINES	Fiesole 1455	Oleonature	200,00	200,00
	Civita 1140	Invisible Touch	211,65	211,65

Prices are €/m²

A preliminary project of the surface is necessary to order the correct number of Modules and related waste due to perimeter cutting of the elements, usually calculated between 5% and 10% though percentage may slightly vary according to dimension and shape of the surface area to be laid. Our technical departments is fully available to provide the correct calculation of required quantity material.

These products are manufactured upon request. Minimum quantity is 25 m².

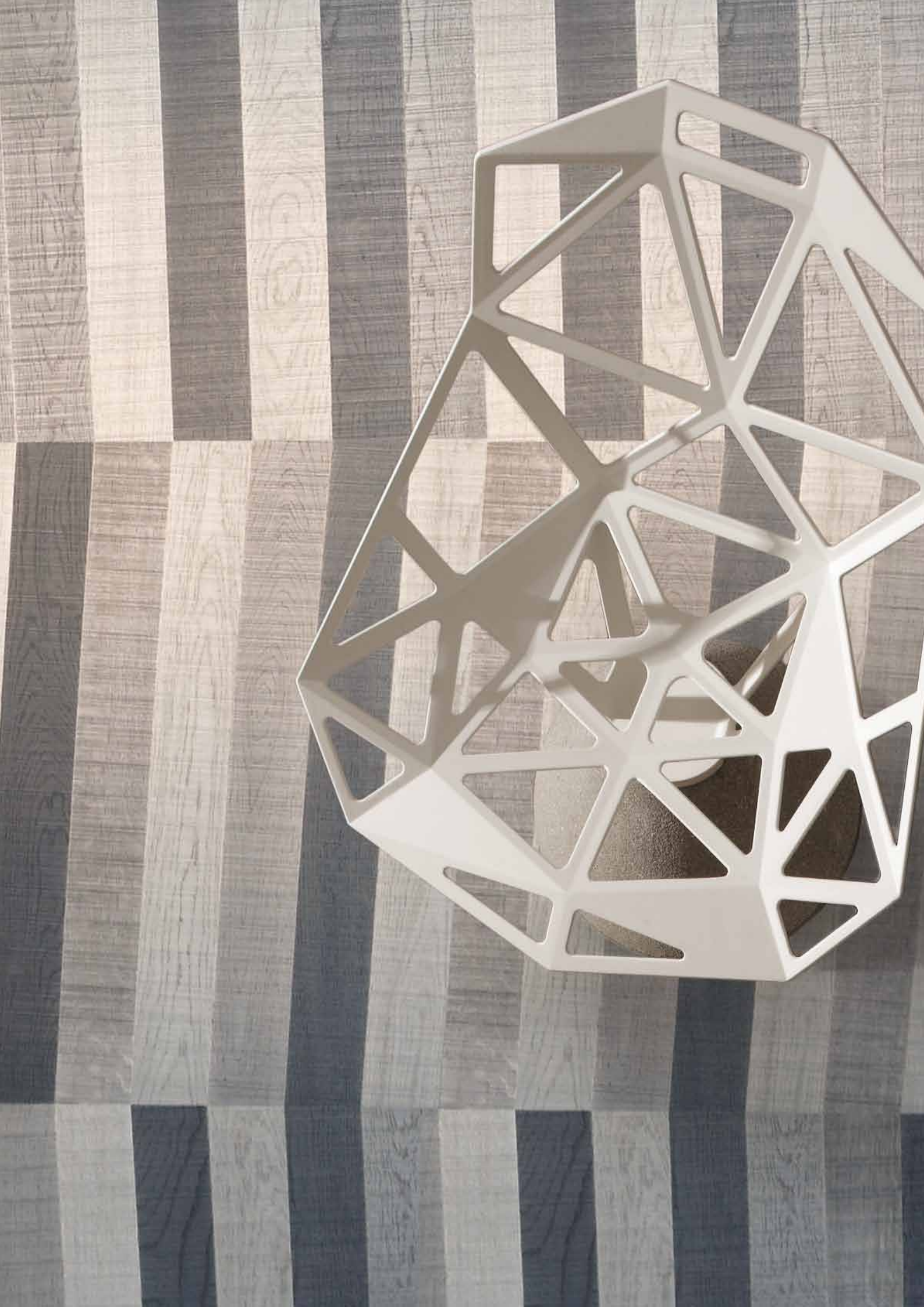
The delivered and invoiced quantity may exceed the one originally ordered with 4 m² or 4% tolerance (the highest between the two). **We require 40% advance payment in order to start production.**

Before placing the order please check availability and delivery time with the sales assistants.

Wood floor distinguished by the angled cut just the heads of the planks.
A sign capable of giving light and elegant modern movement in a floor based

on the random composition of three different shades of gray.





TOP LAYER THICKNESS: 3,5 mm

SUPPORT THICKNESS: 9 mm

TOTAL THICKNESS: 12,5 mm

SUPPORT: BIRCH MULTILAYER

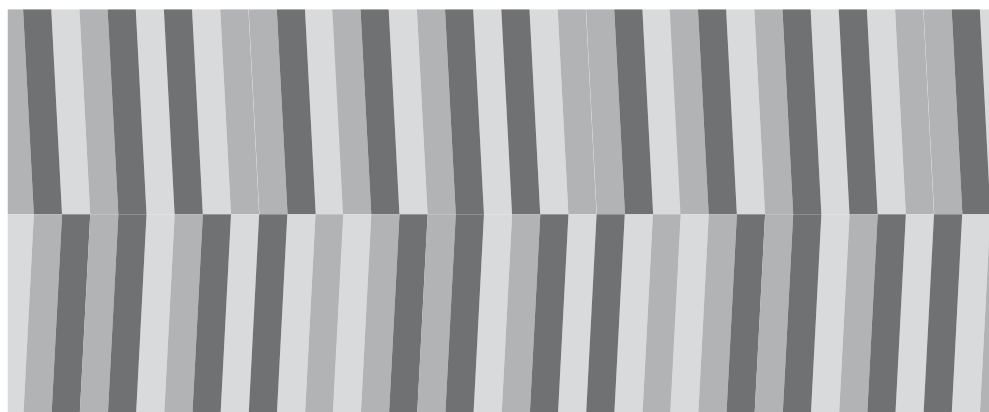
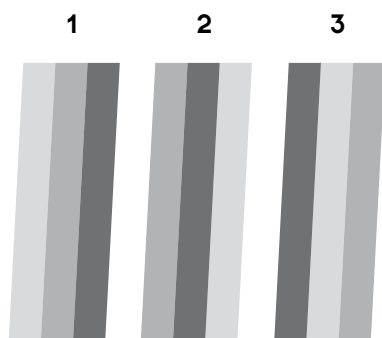
WEIGHT: 9 kg/m²

THERMAL RESISTANCE: 0,077 m² k / W

INSTALLATION: GLUED-DOWN



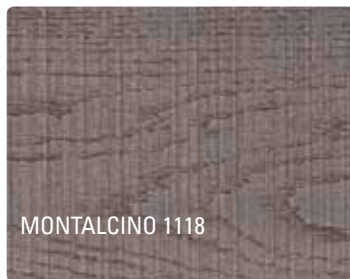
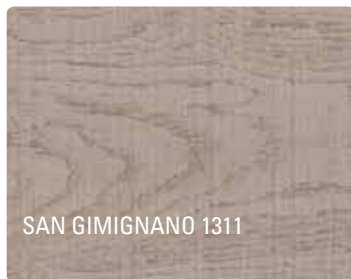
INSTALLATION PATTERNS



These products are suitable for underfloor heating and cooling system provided that strict instructions on temperature and humidity are fully complied with.

Product's features may change with respect to the information in this document. For update information please check the technical sheets available on www.listonegiordano.com

We recommend to read the "information notes" on page 6 during the selection and purchasing phase focusing on the installation, use and maintenance instructions available on www.listonegiordano.com.



				90 thickness 12,5 mm top layer 3,5 mm length 783 mm
	FEATURE	SURFACE	FINISH	
OAK FROM FONTAINES	San Gimignano 1311	filo di lama	Oleonature	200,00
	Montalcino 1118	filo di lama	Oleonature	200,00
	Bagno Vignoni 1262	filo di lama	Oleonature	200,00

Prices are €/m²

Cut-sawn effect of the surface

These products are made with bevel on all four sides.

These products are manufactured upon request. Minimum quantity is 25 m². The delivered and invoiced quantity may exceed the one originally ordered with 4 m² or 4% tolerance (the highest between the two). **We require 40% advance payment in order to start production.**

Before placing the order please check availability and delivery time with the sales assistants.

Foxtrot / Oak Avorio

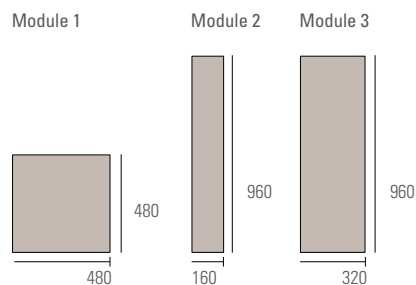
Modular floor covering made of three geometrical shapes: one square and two rectangles which keep the balance between lines and surfaces, between

materials and colours inspired by a sign of modernity.

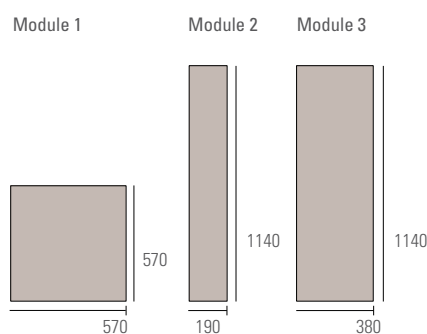




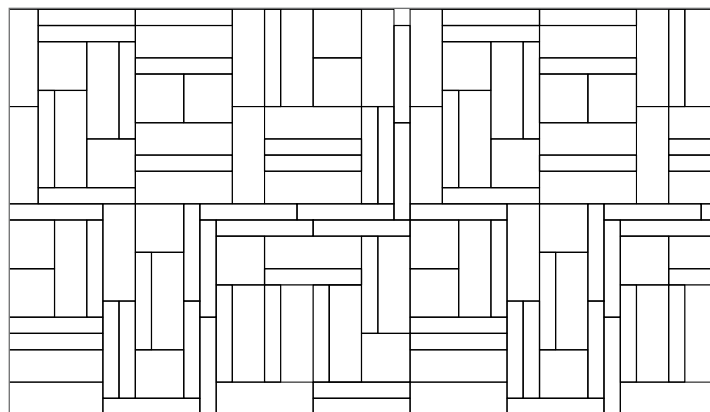
TOP LAYER THICKNESS: 1 mm
 SUPPORT THICKNESS: 12 mm
 TOTAL THICKNESS: 13 mm
 SUPPORTO: MULTILAYER COUNTER-BALANCED
 WEIGHT: 9 kg/m²
 THERMAL RESISTANCE: 0,083 m² k / W
 INSTALLATION: GLUED-DOWN



TOP LAYER THICKNESS: 3,5 mm
 SUPPORT THICKNESS: 9 mm
 TOTAL THICKNESS: 12,5 mm
 SUPPORT: BIRCH MULTILAYER
 WEIGHT: 9 kg/m²
 THERMAL RESISTANCE: 0,077 m² k / W
 INSTALLATION: GLUED-DOWN



INSTALLATION PATTERNS



The version in 1 mm top layer thickness is milled with groove profiles on all four sides. The version in 3.5 mm top layer thickness is milled with tongue and groove profile on the two longitudinal sides, with groove profile on the two transversal sides. The interlock is made by means of solid wood tongues incorporated in the supply.

Each pack unit contains 2 elements of "Module 1", 6 elements of "Module 2" and 4 elements of "Module 3".

Please check the technical sheets for more information on the installation patterns.

These products are suitable for underfloor heating and cooling system provided that strict instructions on temperature and humidity are fully complied with.

Product's features may change with respect to the information in this document. For update information please check the technical sheets available on www.listonegiordano.com

We recommend to read the "information notes" on page 6 during the selection and purchasing phase focusing on the installation, use and maintenance instructions available on www.listonegiordano.com.



	FEATURE	FINISH	Module 1	Module 2	Module 3
			thickness 13 mm top layer 1 mm Dimensions 480x480 mm	thickness 13 mm top layer 1 mm Dimensions 160x960 mm	thickness 13 mm top layer 1 mm Dimensions 320x960 mm
OAK	Michelangelo ⁽¹⁾	Naturplus2	197,00	197,00	197,00

Prices are €/m²

	FEATURE	FINISH	Module 1	Module 2	Module 3
			thickness 12,5 mm top layer 3,5 mm Dimensions 570x570 mm	thickness 12,5 mm top layer 3,5 mm Dimensions 190X1140 mm	thickness 12,5 mm top layer 3,5 mm Dimensions 380x1140 mm
OAK FROM	Michelangelo ⁽¹⁾	Oleonature	214,10	214,10	214,10
FONTAINES	Fiesole 1455	Oleonature	200,00 ⁽²⁾	200,00 ⁽²⁾	200,00 ⁽²⁾
	Civita 1140	Invisible Touch	211,65 ⁽²⁾	211,65 ⁽²⁾	211,65 ⁽²⁾
	Alberobello 1644	Oleonature	214,10 ⁽²⁾	214,10 ⁽²⁾	214,10 ⁽²⁾

Prices are €/m²

These products are made with bevel on all four sides.

Foxtrot Michelangelo is supplied in the Rigata Superiore grade in the 1mm top layer version and Fibratrix grade in the 3,5 mm top layer version. See page 12 for the description of the different grades.

Fiesole 1455, Civita 1140 and Alberobello 1644 are characterized by non homogeneity of colour tones and widespread presence of open or filled cracks, as well as tight, consolidated or partially open knots.

The detailed description of the different grades is available in the dedicated area of www.listonegiordano.com

A preliminary project of the surface is necessary to order the correct number of Modules and related waste due to perimeter cutting of the elements, usually calculated between 5% and 10% though percentage may slightly vary according to dimension and shape of the surface area to be laid. Our technical departments is fully available to provide the correct quantity of required material.

These products are manufactured upon request. Minimum quantity is 25 m². The delivered and invoiced quantity may exceed the one originally ordered with 4 m² or 4% tolerance (the highest between the two). **We require 40% advance payment in order to start production.**

Before placing the order please check availability and delivery time with the sales assistants.

⁽¹⁾ Available in Biancospino (Avana), Montblanc (Avorio), Tortora, Testa di Moro.

⁽²⁾ It may be supplied as well in the Fibratrix grade (see description on page 12) with a 6€/m² surcharge.

Slide / Oak Tortora

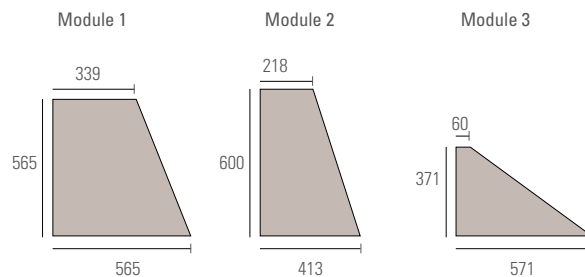
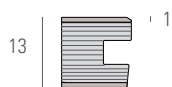
Modular floor covering made of trapezoidal geometrical shapes. Simple sliding movements along the trapezoid's bases or according to the oblique sides' thread combined with free rotation create countless patterns. The planning of

specific geometric relations in defining the shapes results in original and unique configurations that recall the mathematical laws underlying crystals' generation in nature.

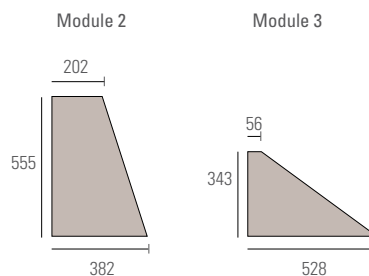




TOP LAYER THICKNESS: 1 mm
 SUPPORT THICKNESS: 12 mm
 TOTAL THICKNESS: 13 mm
 SUPPORTO: MULTILAYER COUNTER-BALANCED
 WEIGHT: 9 kg/m
 THERMAL RESISTANCE: 0,083 m² k / W
 INSTALLATION: GLUED-DOWN

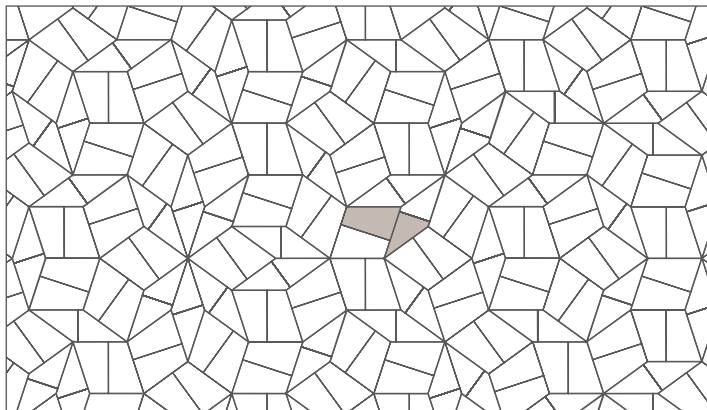


TOP LAYER THICKNESS: 3,5 mm
 SUPPORT THICKNESS: 9 mm
 TOTAL THICKNESS: 12,5 mm
 SUPPORT: BIRCH MULTILAYER
 WEIGHT: 9 kg/m²
 THERMAL RESISTANCE: 0,077 m² k / W
 INSTALLATION: GLUED-DOWN

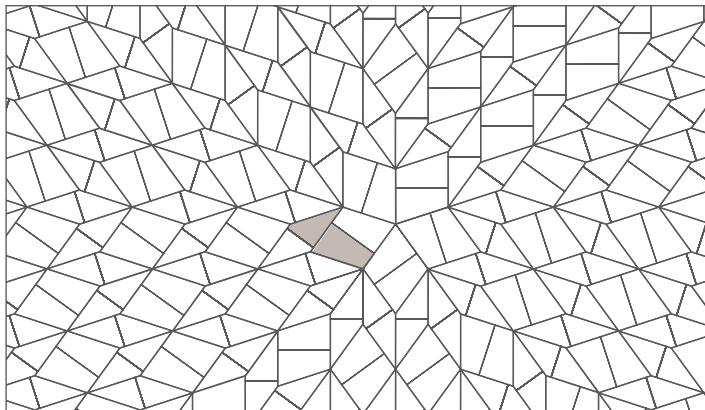


INSTALLATION PATTERNS

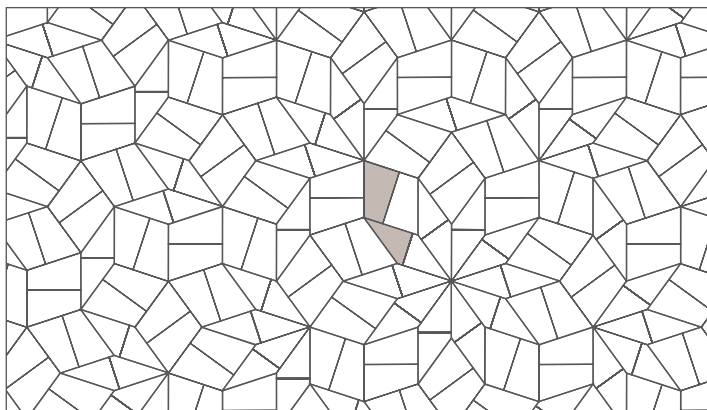
ELIO Module 2 + Module 3



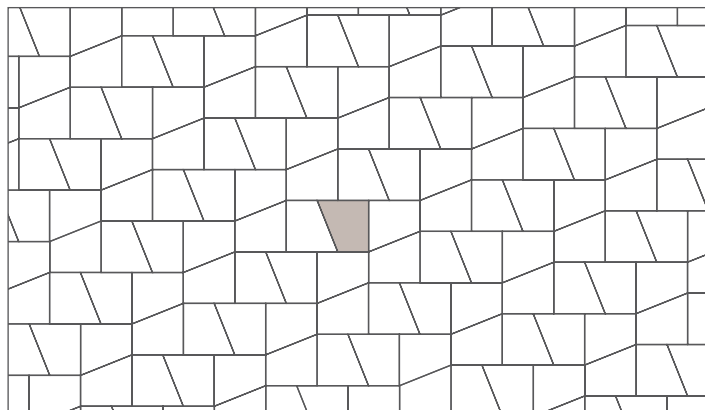
IDROGENO Module 2 + Module 3



LITIO Module 2 + Module 3



SODIO Module 1



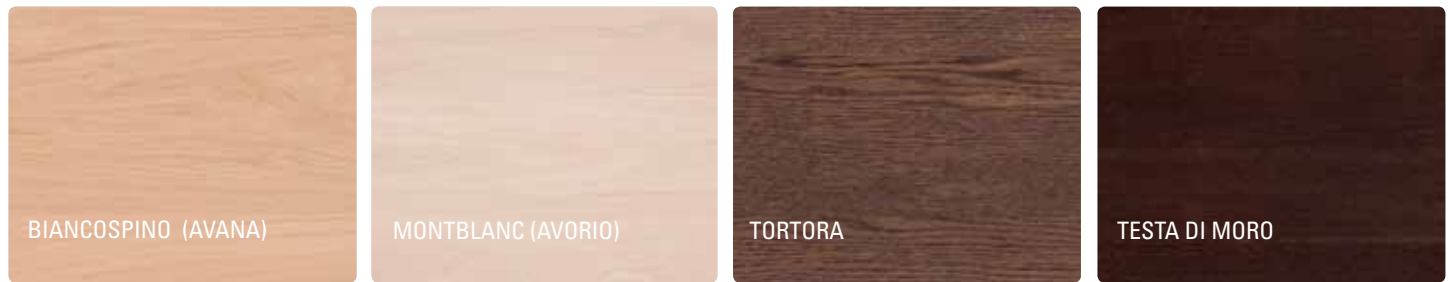
These elements are milled with groove profiles and slight bevel on all four sides. They interlock by means of solid wood loose tongues supplied with the material.

Please check the technical sheets for more information on the installation patterns.

These products are suitable for underfloor heating and cooling system provided that strict instructions on temperature and humidity are fully complied with.

Product's features may change with respect to the information in this document. For update information please check the technical sheets available on www.listonegiordano.com

We recommend to read the "information notes" on page 6 during the selection and purchasing phase focusing on the installation, use and maintenance instructions available on www.listonegiordano.com.



	FEATURE	FINISH	Module 1 thickness 13 mm top layer 1 mm Dimensions 565x565 mm	Module 2 thickness 13 mm top layer 1 mm Dimensions 413x600 mm	Module 3 thickness 13 mm top layer 1 mm Dimensions 571x371 mm
OAK	Michelangelo ⁽¹⁾	Naturplus2	191,85	191,85	212,00

Prices are €/m²

	FEATURE	FINISH	Module 2 thickness 12,5 mm top layer 3,5 mm Dimensions 382x555 mm	Module 3 thickness 12,5 mm top layer 3,5 mm Dimensions 528x343 mm
OAK FROM FONTAINES	Michelangelo ⁽¹⁾	Naturplus2	218,80	242,35
	Michelangelo ⁽¹⁾	Oleonature	224,10	248,25

Prices are €/m²

These products are made with bevel on all four sides.

Slide Michelangelo is supplied in the Rigata Superiore grade in the 1 mm top layer version and Fibratrix grade in the 3,5 mm top layer version. See page 12 for the description of the different grades.

A preliminary project of the surface is necessary to order the correct number of Modules and related waste due to perimeter cutting of the elements, usually calculated between 5% and 10% though percentage may slightly vary according to dimension and

shape of the surface area to be laid. Our technical departments is fully available to provide the correct quantity of required material.

These products are manufactured upon request. Minimum quantity is 25 m². The delivered and invoiced quantity may exceed the one originally ordered with 4 m² or 4% tolerance (the highest between the two). **We require 40% advance payment in order to start production.**

Before placing the order please check availability and delivery time with the sales

assistants.

⁽¹⁾ Available in Biancospino (Avana), Montblanc (Avorio), Tortora, Testa di Moro.

New York Museum Tower | Slide Oak Tortora

Photo: Stefano Pasqualetti



ACCESSORIES

STAIR NOSINGS (TYPE A) ⁽¹⁾ ⁽²⁾

	l	a	b	PRODUCTS		
	length	width	frontal height			
	1200 mm	190 mm	40 mm	MEDOC	Oak	141,50
				VIBRAZIONI	Oak	141,50

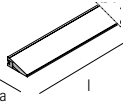
Prices are €/pc

STAIR NOSINGS (TYPE B) ⁽²⁾

	l	a	b	PRODUCTS		
	length	width	frontal height			
	1200 mm	190 mm	190 mm	MEDOC	Oak	184,90
				VIBRAZIONI	Oak	184,90

Prices are €/pc

REDUCERS ⁽²⁾

	l	a	PRODUCTS		
	length	width			
	30 mm	1200 mm	MEDOC	Oak	54,10
			VIBRAZIONI	Oak	54,10

Prices are €/pc

LINGOTTO LISTONE GIORDANO

PRODUCTS		
	Aluminum “Listone Giordano” brand plate including a wooden board with built-in plate	60,00

Prices are €/pc

ADHESIVE

PRODUCTS		
	ECOLFIT (Silane eco-friendly one component adhesive) - 14 kg tin	6,35 €/Kg

When placing the order, please specify the characteristics of the corresponding wood floor.

These products are manufactured upon request. The delivery time for standard elements is approx 30 days from receipt of order confirmation. For products with dimensions, shapes and colours other than the

standard ones, prices and delivery time are to be confirmed each individual time.
We require 40% advance payment in order to start production.

The standard elements of stair nosings are not designed to be fitted side-by-side. If you require this kind of installation please check feasibility, costs and timing with the sales

assistants.

These products have the typical tolerances of a handcraft processing.

The Quadrone, Foxtrot, Slide collection does not feature standard accessory elements (reducers, stair nosings) as they are normally part of an integrated interior design solution.

Customized accessory elements may be produced, quotation upon request.

⁽¹⁾ The front of Stair nosing “type A” does not feature any surface treatment.
⁽²⁾ Independently from the type of installation of the corresponding wood floor, stair nosings and reducers are to be used glued-down only.

SKIRTING BOARD 50X10 (VENEER)

Dimensions		PRODUCTS		Naturplus2
	h: 50 mm	FOXTROT	Oak Biancospino, Montblanc, Tortora, Testa di Moro	6,90
	t: 10 mm l: 2,40 m	SLIDE	Oak Biancospino, Montblanc, Tortora, Testa di Moro	6,90

Packages of 19,20 lin.m.

Prices are €/lin.m.

SKIRTING BOARD 70X10 (VENEER)

Dimensions		PRODUCTS		Oleonature	Naturplus2
	h: 70 mm t: 10 mm l: 2,40 m	MEDOC	Oak	Medoc #01 ⁽²⁾ , Medoc #02, Medoc #03	15,55
				Fiesole, San Gimignano, Montalcino, Bagno Vignoni	15,55
		QUADRONE	Oak	Fiesole, Civita	-
		VIBRAZIONI	Oak	San Gimignano, Montalcino, Bagno Vignoni	15,55
		FOXTROT	Oak	Biancospino, Montblanc, Tortora, Testa di Moro	-
				Fiesole, Civita, Alberobello	8,15 ⁽¹⁾
			Oak	Biancospino, Montblanc, Tortora, Testa di Moro	6,90

Packages of 12 lin.m. or 24 lin.m..

Prices are €/lin.m.

SKIRTING BOARDS LACQUERED

	h	t	l	Packages	COLOR	PROFIL	
	50 mm	10 mm	2,40 m	19,20 m	White	square	3,80
	60 mm	16 mm	2,40 m	12 o 24 m	White		4,25
	70 mm	10 mm	2,40 m	12 o 24 m	White		3,15

Prices are €/lin.m.

The coating of the lacquered skirting board is made of monolayer melamine.

The skirting boards do not feature any surface treatments, except for Medoc #01 Naturplus2.

The skirting boards are produced upon request. The delivery time is approx 30 days. For products with dimensions, shapes and

colours other than the standard ones prices and delivery time are to be confirmed each individual time. **We require 40% advance payment in order to start production.**

The wood veneer coating of the skirting board (veneered version) may show different grain and colour tone compared to the related wood flooring material.

Wood floors in Oelonature finish may be complemented with skirting boards in the same finish or in Naturplus2.

⁽¹⁾ Supplied with digital print on veneer wood.

⁽²⁾ Available in version 60x16 with cut-sawn effect at the price of 11,75 €/lin.m.

CLEANING AND MAINTENANCE PRODUCTS

deterplus Mild detergent for the cleaning of Xplus2 and Naturplus2 finished wood floors.	10,40
green (compulsory) Mild detergent for the cleaning of Oleonature and Invisible Touch finished wood floors.	6,95
vitaplus Protective and renovating product for Xplus2 finished wood floors. For ordinary use.	14,75
vitanova (compulsory) Water-based product to protect Invisible Touch finished wood floors.	35,25
revivo (compulsory) Natural oil-wax product, water-based, to nourish and protect Oleonature wood floors.	23,70
plusnovo Product conceived to reduce the whitish effect of scratches on the Xplus2 and Naturplus2 finished wood floors. Available in different colours.	4,50 lt. 0,25
ITnovo Specific product to regenerate scratches and minor spots of Invisible Touch finished wood floors.	16,85 lt. 0,25
renovo Specific product to regenerate scratches and minor stains of Oleonature finished wood floors. Available in different colours.	17,70 lt. 0,25
sigilplus Protective water-repellent liquid to seal Listone Giordano's boards heads and sides. Compulsory especially in areas with high risk of water spilling (i.e kitchen and bathroom) for Xplus2 and Naturplus2 finish only. Please check PM6 technical sheet for the correct application of Sigilplus, available on the website www.listonegiordano.com/international	24,30
puliplus Special cleaning liquid to remove excess glue and stubborn stains from the surface of varnished wood floors.	11,55
extraclean Aggressive detergent suitable to remove resistant dirt from Xplus2 and Naturplus2 finished wood floors.	10,40

1lt / bottle (unless differently specified).

Prix are €/piece VAT excluded

Please check the technical sheets available on the website www.listonegiordano.com for detailed instructions on the use of the products mentioned in this pricelist.

COMPATIBILITY CHART

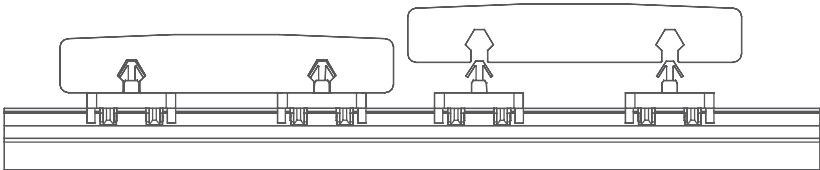
FINISHES	CLEANING	ORDINARY MAINTENANCE	RESTORATION	PROFESSIONAL USE
XPLUS2	deterplus	vitaplus	plusnovo	sigilplus puliplus extraclean
NATURPLUS2	deterplus	-	plusnovo	sigilplus puliplus extraclean
INVISIBLE TOUCH	green	vitanova	ITnovo	puliplus
OLEONATURE	green	revivo	renovo	-

outdoor

Listone
Giordano

TECHNICAL SPECIFICATIONS DECKING

PROFILE AND MOUNTING SYSTEM



PROFILE

The exclusive rounded profile is the best solution in terms of comfort, dimensional stability and water outflow from the surface of the floor. The lengthwise notches allow quick attachment to the substructure and give great stability against warping.

CLIPS

JuAn Clips® in high resistance polyoxymethylene for outdoors, perfectly anchor to the aluminium substructure, allowing the perfect seal of the boards to the substructure. The innovative, completely removable system allows the strips to be removed and replaced facilitating installation, inspection an routine maintenance operations.

METAL SUBSTRUCTURE KIT

KIT 50



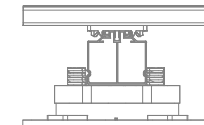
Aluminium substructure and pre-assembled JuAn® clips mounting system. This is the basic solution, often anchored directly to the cement support.

KIT 60



Aluminium substructure with spacers and pre-assembled JuAn® clips mounting system. This is the raised solution that is effective for dealing with slight slopes and facilitates the preservation of the structure.

KIT 118-228



Reinforced aluminium substructure and pre-assembled JuAn® clips mounting system. This is the structural variant for dealing with levels and supporting specific loads for public or residential use.

SURFACES

SMOOTH

The smooth surface enhances the natural appearance of the wood.

BRUSHED

The brushing enhances the surface of heat-treated wooden floors, intensifying the aesthetic aspect of the fibres and making it slip-resistant.

FINISHES

OUTNATURE

A highly resistant vegetable oil-based finish for outdoors. Total protection on four sides and along the top protects the appearance of the wood against ageing and cracking.

UNFINISHED WOOD

Pre-planed surface ready to be finished after installation.

Wood is a natural and varied material. For this reason, the descriptions given above, like the photos and samples on display in sales locations, cannot give a complete view of the entire range of shades, grains and individuality present in each product. Therefore, the descriptions, photos and samples are only examples.

Solid wood boards are sold finished or unfinished and can therefore be treated with specific wood finishing products for outdoor use. A regular protective treatment is recommended to ensure the appearance and good preservation of the floor over time.

Some products in this price list must be ordered and can be specific or vary according to the project. Therefore, before sending an order, it is recommended that you check the availability and delivery times with the sales assistants.

The product characteristics and specifications can vary compared to what is mentioned in this document. For up-to-date information, it is recommended that you check the documentation on the website at www.listonegiordano.com



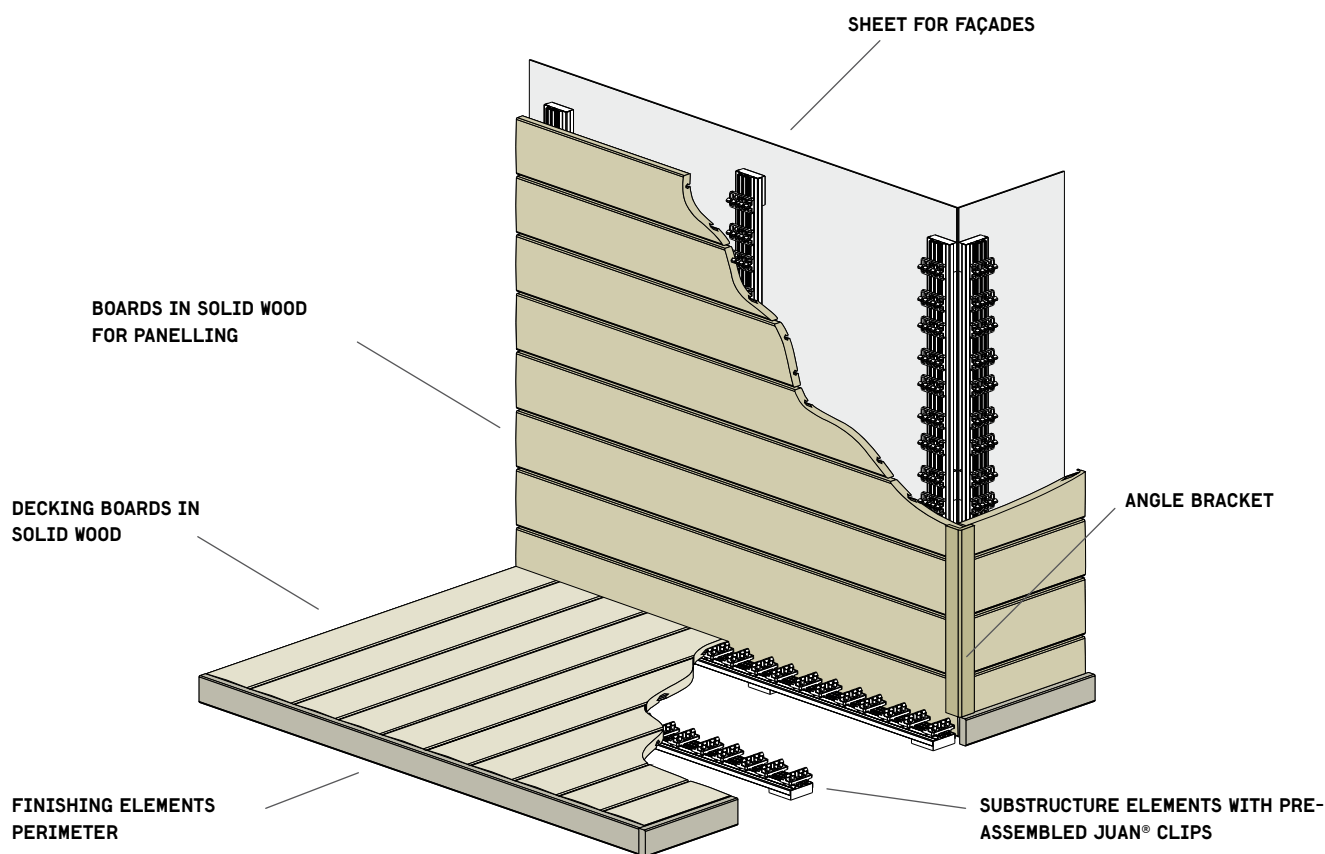
The outdoor floors are raised constructions made up of structural elements that differ in size depending on the individual project. Outdoor flooring, commonly called decking, is made up of solid wood boards attached using the pre-assembled JuAn® clips mounting system to the supporting aluminium substructure specifically for raised floors.

The revolutionary JuAn® clips mounting system made up of weather resistance plastic clips cuts the installation time in half. This makes installation quick and practical, without the need for screw guns, nails or screws.

The centre distance of the substructure optimises the solid wood boards, thus preventing material lost due to trimming.

Wall-panelling with the highly valued and exclusive woods will last a long time. The structure is made up of solid wood boards attached to a linear metal or wood substructure using the JuAn® clip mounting system. The protective sheet for façades insulates the surface of the building from infiltrations of outdoor humidity.

The energetic function of a ventilated wood wall is ensured by the constant airflow that is facilitated by the special substructure. This repels the heat accumulated on the walls of the building during the summer and improves thermal insulation during the winter. The use of insulating construction materials located between the building façade and the substructure prevent the formation of thermal bridges, thus preventing humidity and improving the building's energy balance.



FINISH: OUTNATURE

The innovative OUTNATURE finishing system with a natural oil base, nourishes the wood in-depth, creating a protective barrier against ageing and cracking. Unlike conventional oils, OUTNATURE does not darken the wood surface and does not require sanding during maintenance.

OUTNATURE

With its special formula, OUTNATURE prevents risks of cracking due to typical application of water-based products during the summer and on woods that are particularly resistant to humidity such as thermally treated ash.



ASH
FONTAINES, HEAT
TREATED

Origin: France
Lengths: 1200-1600-2000-2400 mm
Widths: 91 mm
Thickness: 21 mm
Weight: 14 kg/m² approx.
Surface: brushed
Top profile: right angle
Distance between boards: 5 mm
Substructure centre distance: 400 mm
Biological durability: 25 years



COMPLETE KIT FOR FIXED HEIGHT FLOORS

		UNFINISHED WOOD	OUTNATURE
KIT 50 fixed height 49 mm	Decking boards PEFC Fontaines Ash 90	100,75	125,75
	Aluminium substructure 90 and pre-assembled JuAn® clips	50,75	50,75
		151,50	176,50
KIT 60 fixed height 59 mm	Decking boards PEFC Fontaines Ash 90	100,75	125,75
	Aluminium substructure 90 and pre-assembled JuAn® clips	59,50	59,50
		160,25	185,25

Prices are in €/m²

COMPLETE KIT FOR ADJUSTABLE HEIGHT FLOORS

		UNFINISHED WOOD	OUTNATURE
KIT 118-138 adjustable height 118-138 mm	Decking boards PEFC Fontaines Ash 90	100,75	125,75
	Aluminium substructure 90 and pre-assembled JuAn clips® and adjustable supports	92,40	92,40
		193,15	218,15
KIT 118-183 adjustable height 118-183 mm	Decking boards PEFC Fontaines Ash 90	100,75	125,75
	Aluminium substructure 90 and pre-assembled JuAn clips® and adjustable supports	94,50	94,50
		195,25	220,25
KIT 118-228 adjustable height 118-228 mm	Decking boards PEFC Fontaines Ash 90	100,75	125,75
	Aluminium substructure 90 and pre-assembled JuAn clips® and adjustable supports	96,60	96,60
		197,35	222,35

Prices are in €/m²

Solid decking floors boards have dimensional tolerances of ± 2 mm compared to the ones mentioned above.

The biological durability of the wood and average life of a wood outside is estimated through laboratory tests conducted according to international standards.

The products are provided in mixed lengths according to availability. Requests with one or more primary lengths are considered special orders and consequently, if accepted, lead to a price increase. Please consult the sales assistant for any availability requests.

The price per square metre is an example only as it is determined by the number of items recommended per surface unit. The yield of the substructure elements per square metre is determined based on an average centre distance of 400 mm (2.5 m/m²). Please consult the sales assistant to determine the number of sales units needed for your project.

These products must be installed on structures that are raised off the ground, in compliance with construction standards, in order to ensure the duration of the floor. The installation requirements can be found in that section of the website:
www.listonegiordano.com.

OUTNATURE

ASH
FONTAINES, HEAT
TREATED

Origin: France
Lengths: 1200-1600-2000-2400 mm
Widths: 119 mm
Thickness: 21 mm
Weight: 14 kg/m² approx.
Surface: brushed
Top profile: right angle
Distance between boards: 5 mm
Substructure centre distance: 400 mm
Biological durability: 25 Years

COMPLETE KIT FOR FIXED HEIGHT FLOORS

		UNFINISHED WOOD	OUTNATURE
KIT 50 fixed height 49 mm	Decking boards PEFC Fontaines Ash 120	121,55	146,55
	Aluminium substructure 120 and pre-assembled JuAn® clips	44,25	44,25
		165,80	190,80
KIT 60 fixed height 59 mm	Decking boards PEFC Fontaines Ash 120	121,55	146,55
	Aluminium substructure 120 and pre-assembled JuAn® clips	53,25	53,25
		174,80	199,80

Prices are in €/m²

COMPLETE KIT FOR ADJUSTABLE HEIGHT FLOORS

		UNFINISHED WOOD	OUTNATURE
KIT 118-138 adjustable height 118-138 mm	Decking boards PEFC Fontaines Ash 120	121,55	146,55
	Aluminium substructure 120 and pre-assembled JuAn clips® and adjustable supports	85,15	85,15
		206,70	231,70
KIT 118-183 adjustable height 118-183 mm	Decking boards PEFC Fontaines Ash 120	121,55	146,55
	Aluminium substructure 120 and pre-assembled JuAn clips® and adjustable supports	87,25	87,25
		208,80	233,80
KIT 118-228 adjustable height 118-228 mm	Decking boards PEFC Fontaines Ash 120	121,55	146,55
	Aluminium substructure 120 and pre-assembled JuAn clips® and adjustable supports	89,35	89,35
		210,90	235,90

Prices are in €/m²

Solid decking floors boards have dimensional tolerances of ± 2 mm compared to the ones mentioned above.

The biological durability of the wood and average life of a wood outside is estimated through laboratory tests conducted according to international standards.

The products are provided in mixed lengths according to availability. Requests with one or more primary lengths are considered special orders and consequently, if accepted, lead to a price increase. Please consult the sales assistant for any availability requests.

The price per square metre is an example only as it is determined by the number of items recommended per surface unit. The yield of the substructure elements per square metre is determined based on an average centre distance of 400 mm (2.5 m/m²). Please consult the sales assistant to determine the number of sales units needed for your project.

These products must be installed on structures that are raised off the ground, in compliance with construction standards, in order to ensure the duration of the floor. The installation requirements can be found in that section of the website:
www.listonegiordano.com.



OUTNATURE

ASH
FONTAINES, HEAT
TREATED

Origin: France
Lengths: 1200-1600-2000-2400 mm
Widths: 145 mm
Thickness: 21 mm
Weight: 14 kg/m² approx.
Surface: brushed
Top profile: right angle
Distance between boards: 5 mm
Substructure centre distance: 400 mm
Biological durability: 25 Years

COMPLETE KIT FOR FIXED HEIGHT FLOORS

		UNFINISHED WOOD	OUTNATURE
KIT 50 fixed height 49 mm	Decking boards PEFC Fontaines Ash 145	133,90	158,90
	Aluminium substructure 145 and pre-assembled JuAn® clips	40,25	40,25
		174,15	199,15
KIT 60 fixed height 59 mm	Decking boards PEFC Fontaines Ash 145	133,90	158,90
	Aluminium substructure 145 and pre-assembled JuAn® clips	49,25	49,25
		183,15	208,15

Prices are in €/m²

COMPLETE KIT FOR ADJUSTABLE HEIGHT FLOORS

		UNFINISHED WOOD	OUTNATURE
KIT 118-138 adjustable height 118-138 mm	Decking boards PEFC Fontaines Ash 145	133,90	158,90
	Aluminium substructure 145 and pre-assembled JuAn clips® and adjustable supports	82,65	82,65
		216,55	241,55
KIT 118-183 adjustable height 118-183 mm	Decking boards PEFC Fontaines Ash 145	133,90	158,90
	Aluminium substructure 145 and pre-assembled JuAn clips® and adjustable supports	84,75	84,75
		218,65	243,65
KIT 118-228 adjustable height 118-228 mm	Decking boards PEFC Fontaines Ash 145	133,90	158,90
	Aluminium substructure 145 and pre-assembled JuAn clips® and adjustable supports	86,85	86,85
		220,75	245,75

Prices are in €/m²

Solid decking floors boards have dimensional tolerances of ± 2 mm compared to the ones mentioned above.

The biological durability of the wood and average life of a wood outside is estimated through laboratory tests conducted according to international standards.

The products are provided in mixed lengths according to availability. Requests with one or more primary lengths are considered special orders and consequently, if accepted, lead to a price increase. Please consult the sales assistant for any availability requests.

The price per square metre is an example only as it is determined by the number of items recommended per surface unit. The yield of the substructure elements per square metre is determined based on an average centre distance of 400 mm (2.5 m/m²). Please consult the sales assistant to determine the number of sales units needed for your project.

These products must be installed on structures that are raised off the ground, in compliance with construction standards, in order to ensure the duration of the floor. The installation requirements can be found in that section of the website:
www.listonegiordano.com.



TEAK

Origin: Asia (Burma)

Lengths: 1200-1600-2000-2400 mm

Widths: 91 mm

Thickness: 21 mm

Weight: 14 kg/m² approx.

Surface: smooth

Top profile: right angle

Distance between boards: 5 mm

Substructure centre distance: 400 mm

Biological durability: 25 Years

COMPLETE KIT FOR FIXED HEIGHT FLOORS

		UNFINISHED WOOD	OUTNATURE
KIT 50 fixed height 49 mm	Decking boards Teak 90	281,15	306,15
	Aluminium substructure 90 and pre-assembled JuAn® clips	50,75	50,75
		331,90	356,90
KIT 60 fixed height 59 mm	Decking boards Teak 90	281,15	306,15
	Aluminium substructure 90 and pre-assembled JuAn® clips	59,50	59,50
		340,65	365,65

Prices are in €/m²

COMPLETE KIT FOR ADJUSTABLE HEIGHT FLOORS

		UNFINISHED WOOD	OUTNATURE
KIT 118-138 adjustable height 118-138 mm	Decking boards Teak 90	281,15	306,15
	Aluminium substructure 90 and pre-assembled JuAn clips® and adjustable supports	92,40	92,40
		373,55	398,55
KIT 118-183 adjustable height 118-183 mm	Decking boards Teak 90	281,15	306,15
	Aluminium substructure 90 and pre-assembled JuAn clips® and adjustable supports	94,50	94,50
		375,65	400,65
KIT 118-228 adjustable height 118-228 mm	Decking boards Teak 90	281,15	306,15
	Aluminium substructure 90 and pre-assembled JuAn clips® and adjustable supports	96,60	96,60
		377,75	402,75

Prices are in €/m²

Solid decking floors boards have dimensional tolerances of ± 2 mm compared to the ones mentioned above.

The biological durability of the wood and average life of a wood outside is estimated through laboratory tests conducted according to international standards.

The products are provided in mixed lengths according to availability. Requests with one or more primary lengths are considered special orders and consequently, if accepted, lead to a price increase. Please consult the sales assistant for any availability requests.

The price per square metre is an example only as it is determined by the number of items recommended per surface unit. The yield of the substructure elements per square metre is determined based on an average centre distance of 400 mm (2.5 m/m²). Please consult the sales assistant to determine the number of sales units needed for your project.

These products must be installed on structures that are raised off the ground, in compliance with construction standards, in order to ensure the duration of the floor. The installation requirements can be found in that section of the website: www.listonegiordano.com.



IPÉ

Origin: Brazil
 Lengths: 900-1200-1500-1800 mm
 Widths: 135 mm
 Thickness: 23 mm
 Weight: 25 kg/m² approx.
 Surface: smooth
 Top profile: right angle
 Distance between boards: 5 mm
 Substructure centre distance: 300/450 mm
 Biological durability: 25 Years

COMPLETE KIT FOR FIXED HEIGHT FLOORS

		UNFINISHED WOOD	OUTNATURE
KIT 50 fixed height 51 mm	Decking boards Ipé 135	150,85	175,85
	Aluminium substructure 135 and pre-assembled JuAn® clips	41,75	41,75
		192,60	217,60
KIT 60 fixed height 61 mm	Decking boards Ipé 135	150,85	175,85
	Aluminium substructure 135 and pre-assembled JuAn® clips	50,75	50,75
		201,60	226,60

Prices are in €/m²

COMPLETE KIT FOR ADJUSTABLE HEIGHT FLOORS

		UNFINISHED WOOD	OUTNATURE
KIT 118-138 adjustable height 118-138 mm	Decking boards Ipé 135	150,85	175,85
	Aluminium substructure 135 and pre-assembled JuAn clips® and adjustable supports	84,15	84,15
		235,00	260,00
KIT 118-183 adjustable height 118-183 mm	Decking boards Ipé 135	150,85	175,85
	Aluminium substructure 135 and pre-assembled JuAn clips® and adjustable supports	86,25	86,25
		237,10	262,10
KIT 118-228 adjustable height 118-228 mm	Decking boards Ipé 135	150,85	175,85
	Aluminium substructure 135 and pre-assembled JuAn clips® and adjustable supports	88,35	88,35
		239,20	264,20

Prices are in €/m²

Solid decking floors boards have dimensional tolerances of ±2 mm compared to the ones mentioned above.

The biological durability of the wood and average life of a wood outside is estimated through laboratory tests conducted according to international standards.

The products are provided in mixed lengths according to availability. Requests with one or more primary lengths are considered special orders and consequently, if accepted, lead to a price increase. Please consult the sales assistant for any availability requests.

The price per square metre is an example only as it is determined by the number of items recommended per surface unit. The yield of the substructure elements per square metre is determined based on an average centre distance of 400 mm (2.5 m/m²). Please consult the sales assistant to determine the number of sales units needed for your project.

These products must be installed on structures that are raised off the ground, in compliance with construction standards, in order to ensure the duration of the floor. The installation requirements can be found in that section of the website:
www.listonegiordano.com.



ACCOYA®
Pinus radiata

Origin: New Zealand
Lengths: 3000-3600-4200 mm
Widths: 120 mm
Thickness: 21 mm
Weight: 12 kg/m² approx.
Surface: smooth
Top profile: right angle
Distance between boards: 4 mm
Substructure centre distance: 300/400 mm
Biological durability: 50 Years



COMPLETE KIT FOR FIXED HEIGHT FLOORS

		UNFINISHED WOOD
KIT 50 fixed height 49 mm	Decking boards Accoya® 120 PEFC	168,40
	Aluminium substructure 120 and pre-assembled JuAn® clips	€ 44,25
		212,65
KIT 60 fixed height 59 mm	Decking boards Accoya® 120 PEFC	168,40
	Aluminium substructure 120 and pre-assembled JuAn® clips	53,25
		221,65

Prices are in €/m²

COMPLETE KIT FOR ADJUSTABLE HEIGHT FLOORS

		UNFINISHED WOOD
KIT 118-138 adjustable height 118-138 mm	Decking boards Accoya® 120 PEFC	168,40
	Aluminium substructure 120 and pre-assembled JuAn clips® and adjustable supports	85,15
		253,55
KIT 118-183 adjustable height 118-183 mm	Decking boards Accoya® 120 PEFC	168,40
	Aluminium substructure 120 and pre-assembled JuAn clips® and adjustable supports	87,25
		€ 255,65
KIT 118-228 adjustable height 118-228 mm	Decking boards Accoya® 120 PEFC	168,40
	Aluminium substructure 120 and pre-assembled JuAn clips® and adjustable supports	89,35
		257,75

Prices are in €/m²

Solid decking floors boards have dimensional tolerances of ± 2 mm compared to the ones mentioned above.

The biological durability of the wood and average life of a wood outside is estimated through laboratory tests conducted according to international standards.

The products are provided in mixed lengths according to availability. Requests with one or more primary lengths are considered special orders and consequently, if accepted, lead to a price increase. Please consult the sales assistant for any availability requests.

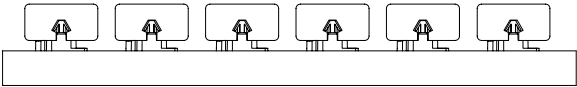
The price per square metre is an example only as it is determined by the number of items recommended per surface unit. The yield of the substructure elements per square metre is determined based on an average centre distance of 400 mm (2.5 m/m²). Please consult the sales assistant to determine the number of sales units needed for your project.

These products must be installed on structures that are raised off the ground, in compliance with construction standards, in order to ensure the duration of the floor. The installation requirements can be found in that section of the website: www.listonegiordano.com.

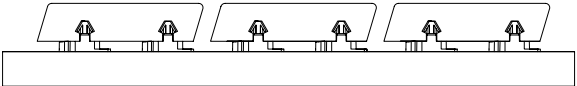
TECHNICAL INFORMATION CLADDING

PROFILE AND MOUNTING SYSTEM

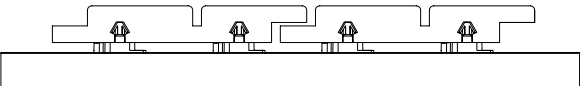
ASH 42



ASH 90



ASH 145



CLIPS

JuAn Clips® in high resistance polyoxymethylene for outdoors, perfectly anchor to the aluminium substructure, allowing the perfect seal of the boards to the substructure. The innovative, completely removable system allows the strips to be removed and replaced facilitating installation, inspection an routine maintenance operations.

SUBSTRUCTURE

Aluminium substructure and pre-assembled JuAn® clips mounting system. This is the basic solution anchored directly to the supporting structure.

SURFACES

BRUSHED

The brushing enhances the surface of heat-treated wooden floors, intensifying the aesthetic aspect of the fibres.

FINISHES

OUTNATURE

A highly resistant vegetable oil-based finish for outdoors. Total protection on four sides and along the top protects the appearance of the wood against ageing and cracking.

UNFINISHED WOOD

Pre-planed surface ready to be finished after installation.

OUTNATURE

ASH
FONTAINES, HEAT
TREATED

Origin: France

Lengths: 1200-2800 mm

Widths: 42-90-145 mm

Thickness: 21 mm

Weight: 14 kg/m² approx.

Surface: brushed

Top profile: right angle

Substructure centre distance: 400/600 mm

Biological durability: 25 Years



		UNFINISHED WOOD	OUTNATURE
Ash 42 structure thickness 49 mm	Panelling Fontaines Ash 42 PEFC	151,55	176,55
	Aluminium substructure 42 and pre-assembled JuAn® clips	50,75	50,75
		202,30	227,30
Ash 90 structure thickness 49 mm	Panelling Fontaines Ash 90 PEFC	102,55	127,55
	Aluminium substructure 90 and pre-assembled JuAn® clips	50,75	50,75
		153,30	178,30
Ash 145 structure thickness 49 mm	Panelling Fontaines Ash 145 PEFC	135,45	160,45
	Aluminium substructure 145 and pre-assembled JuAn® clips	41,75	41,75
		177,20	202,20

Prices are in €/m²

Solid decking floors boards have dimensional tolerances of ± 2 mm compared to the ones mentioned above.

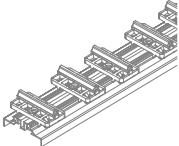
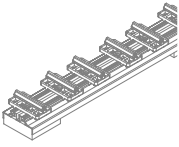
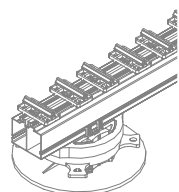
The biological durability of the wood and average life of a wood outside is estimated through laboratory tests conducted according to international standards.

The products are provided in mixed lengths according to availability. Requests with one or more primary lengths are considered special orders and consequently, if accepted, lead to a price increase. Please consult the sales assistant for any availability requests. These products must be installed in such a way as to ensure aeration of the structure and in compliance with construction

standards in order to ensure the preservation of the panelling over time. The installation requirements can be found in that section of the website www.listonegiordano.com.

ACCESSORIES

DECKING SUBSTRUCTURE

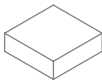
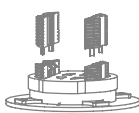
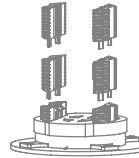
DESCRIPTION				PRODUCTS	Yield m ² /pc	
	Width	Height	Length			
KIT 50 	63.6 mm	28 mm	2400 mm	Aluminium 90 substructure and pre-assembled JuAn® clips mounting system.	0,96	48,72
	63.6 mm	28 mm	2356 mm	Aluminium 120 substructure and pre-assembled JuAn® clips mounting system.	0,95	41,70
	63,6 mm	28 mm	2380 mm	Aluminium 135 substructure and pre-assembled JuAn® clips mounting system.	0,95	39,75
	63,6 mm	28 mm	2400 mm	Aluminium 145 substructure and pre-assembled JuAn® clips mounting system.	0,96	38,64
KIT 60 	63,6 mm	38 mm	2400 mm	Aluminium 90 substructure with spacers and pre-assembled JuAn® clips mounting system.	0,96	57,12
	63.6 mm	38 mm	2356 mm	Aluminium 120 substructure with spacers and pre-assembled JuAn® clips mounting system.	0,95	50,18
	63.6 mm	38 mm	2380 mm	Aluminium 135 substructure with spacers and pre-assembled JuAn® clips mounting system.	0,95	48,31
	63.6 mm	38 mm	2400 mm	Aluminium 145 substructure with spacers and pre-assembled JuAn® clips mounting system.	0,96	47,28
KIT 118-228 	63.6 mm	68 mm	2400 mm	Reinforced aluminium 90 substructure and pre-assembled JuAn® clips mounting system.	0,96	76,32
	63.6 mm	68 mm	2356 mm	Reinforced aluminium 120 substructure and pre-assembled JuAn® clips mounting system.	0,95	68,09
	63.6 mm	68 mm	2380 mm	Reinforced aluminium 135 substructure and pre-assembled JuAn® clips mounting system.	0,95	67,83
	63.6 mm	68 mm	2400 mm	Reinforced aluminium 145 substructure and pre-assembled JuAn® clips mounting system.	0,96	66,96

Prices are in €/pc

The yield of the substructure elements per square metre is determined based on an average centre distance of 400 mm (2.5 m/m²). We recommend evaluating the need for linear elements based on the length of the boards supplied in the order.

All complementary products possess suitable characteristics for application outside.
The related installation requirements can be found in that section of the website: www.listonegiordano.com

SPACERS AND SUPPORTS FOR RAISED FLOORS

DESCRIPTION			PRODUCTS	Yield m ² /pkg	Packages of	
	Height	Diameter				
	5 mm	150 mm	Circular PVC spacers at fixed height	33	150 pc	1,05
	5 mm	50 mm	Circular PVC spacers at fixed height	66	300 pc	0,50
	20 mm		Rubber spacer-ad 62x62mm for KIT 60	1	12 pc	0,80
	35-55 mm		Support for reinforced aluminium substructure at adjustable height for KIT 118-228	20	60 pc	4,30
	35-55 mm		Support for reinforced aluminium substructure at adjustable height for KIT 118-228	20	60 pc	4,30
	30 mm		pair of 30 mm extensions for supports at adjustable height 35-55 mm	20	120 pc	0,70
	35-55 mm		Support for reinforced aluminium substructure at variable height for KIT 118-228	20	60 pc	4,30
	30 mm		two pairs of 30 mm extensions for supports at variable height 35-55 mm	10	120 pc	1,40

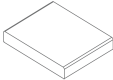
Prices are in €/support

The number of supports per square metre is determined based on the typical disposition of a structure in a residential context (3 pc/m²). Please evaluate the number of supports needed for a public structure.

All complementary products possess suitable characteristics for application outside. The related installation requirements can be found in that section of the website: www.listonegiordano.com

ACCESSORIES

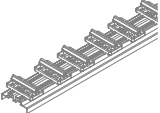
PERIMETER FINISHING ELEMENTS

DESCRIPTION				PRODUCTS	
	Width	Thickness	Length		
	42 mm	21 mm	1200/3000 mm	Perimeter finishing elements in Fontaines Ash PEFC	9,85
	42 mm	19 mm	1200/2400 mm	Perimeter finishing elements in Teak	20,25
	42 mm	19 mm	900/1800 mm	Perimeter finishing elements in Ipé	9,80
	42 mm	19 mm	2400/4200 mm	Perimeter finishing elements in Accoya® PEFC	14,75
	52 mm	21 mm	1200/3000 mm	Perimeter finishing elements in Fontaines Ash PEFC	14,60
	52 mm	19 mm	1200/2400 mm	Perimeter finishing elements in Teak	20,25
	52 mm	19 mm	900/1800 mm	Perimeter finishing elements in Ipé	9,80
	52 mm	19 mm	2400/4200 mm	Perimeter finishing elements in Accoya® PEFC	16,00
	250 mm	38 mm	1600/2000/2400 mm	Thresholds and steps in PEFC Fontaines Ash	80,70
	40 mm	40 mm	1200/2800 mm	Angle elements in Fontaines Ash PEFC	18,55

Prices are in €/m

The perimeter finishing elements are special products and are made to order according to the customer's needs. Consult the sales assistant for prices, delivery times and availability. These products are crafter artisanally and consequently have the typical allowances of hand crafting.

CLADDING SUBSTRUCTURE

DESCRIPTION				PRODUCTS	Yield m ² /pc	
	Width	Height	Length			
	63,6 mm	28 mm	2400 mm	Aluminium 42 substructure and pre-assembled JuAn® clips mounting system.	0,96	48,72
	63,6 mm	28 mm	2400 mm	Aluminium 90 substructure and pre-assembled JuAn® clips mounting system.	0,96	48,72
	63,6 mm	28 mm	2400 mm	Aluminium 145 substructure and pre-assembled JuAn® clips mounting system.	0,96	39,75

Prices are in €/pc

ANCHORING SYSTEM

DESCRIPTION			PRODUCTS	Packages of	
	Diameter	Length			
	7,5 mm	72 mm	galvanised steel screws to attach the substructure to the concrete screed, AW30 7.5x72 mm	200 pc	0,75
	7,5 mm	102 mm	galvanised steel screws to attach the substructure to the concrete screed, AW30 7.5x102 mm	200 pc	0,85
	3,9 mm	32 mm	stainless steel metal screws A2 AW20 A2 3.9X32 to attach to aluminium	100 pc	0,25
	5,5 mm	45 mm	stainless steel wood screws A2 AW20, 5.5x45 to attach exposed to wood	250 pc	0,65
	12 mm	7,5 mm	wooden caps for holes in Fontaines Ash, Teak, Ipé, Accoya®	50 pc	0,60

Prices are in €/package

	Width	Height	Length		
	25 mm	6 mm	58 mm	JuAn® clips to assemble	0,60
	120 mm	4 mm	120 mm	pair of tools to remove the mounting system	71,30

Prices are in €/pc

	Product yield ⁽¹⁾	€/package
special decking oil for Thermowood Ash Special oil for heat treated wood floors that makes the surface water repellent and resistant to dirt	18 m² / pkg.	31,50 lt. 0.75
	60 m² / pkg.	95,00 lt. 2.50
special decking oil for Teak and Ipé Special oil for tropical wood floors that makes the surface water repellent and resistant to dirt	18 m² / pkg.	31,50 lt. 0.75
	60 m² / pkg.	95,00 lt. 2.50
decking Cleaner Detergent for decking, deep cleans quickly, gently and without odour	50 m² / pkg.	18,00 lt. 1.00
	250 m² / pkg.	71,00 lt. 5.00
Power-Gel anti-greying for wood Cleans and restores the surface of wood that has turned grey from the sun. Product is odourless and biodegradable	10 m² / pkg.	13,00 lt. 0.50
	50 m² / pkg.	56,00 lt. 2.50
paraffin Water-based sealer to protect the tops and parts of the floor cut on-site	10 m² / pkg.	22,00 lt. 0.50

Prices are in €/package

COMPATIBILITY CHART

FINISH	PERIODIC MAINTENANCE	CLEANING SURFACES	RESTORING SURFACES	AGED
Thermowood decking oil OUTNATURE	Thermowood decking oil	decking Cleaner	Power-Gel anti-greying for wood	
decking oil for Teak and Ipé OUTNATURE	decking oil for Teak and Ipé	decking Cleaner	Power-Gel anti-greying for wood	

Outdoor wood ageing
The air quality, precipitation and related temperature changes as well as humidity and the sun's rays are the factors that lead to a colour change in wood outdoors. These occur naturally and spontaneously to any type of wood subjected to the photochemical alteration of ultraviolet light.

Periodic maintenance of outdoor floors
The finish treatment preserves the appearance of outdoor flooring The condition of the structure, care of the wood and regular renewal of the finish are the determining factors for the product's conservation. Adequate and regular routine maintenance renews the protection, thus avoiding extraordinary professional operations.

Extraordinary maintenance of outdoor floors
Prolonged exposure to extreme conditions inevitably age the structure of outdoor floors. This is even more noticeable with less and infrequent routine maintenance. A floor surface that shows signs of ageing can be restored with professional treatments. Washing the floor with anti-grey products and pressure washing can restore the wood to its original condition, even on surfaces that were never protected.

Prolonged use of the detergent on floors protected with decking oil leads to the frequent renewal of the routine maintenance treatment.

⁽¹⁾ Average yield in one coat

We recommend performing the finish treatment in two coats.

WOOD FOR OUTDOOR USE: LIVING MATERIAL

Wood is a "living" material that, due to its nature, is subject to changes due to environmental factors such as exposure, temperature, rain and humidity as well as daily use. For example, it is necessary to know that:

BIOLOGICAL DURABILITY

Heat-treated Ash, Teak and Ipé wood floors have the best resistance to biological wood alterations.

These floors in solid wood do not require additional treatments to improve resistance to wood pathogens.

RAISED STRUCTURE

Outdoor floors are raised structures specifically designed to ensure long-life of the wood outdoors. The construction of a raised floor allows water to flow away and promotes ventilation of the structure, preventing the formation of permanent humid areas.

Attaching the boards and strips directly to the ground can cause a permanent accumulation of humidity, leading to conditions for the development of the primary wood pathogens. Therefore, we recommend not attaching the boards and strips directly to the ground and to always use raised structures.

COLOUR

The colour of the wood floor depends not only on the wood fibre but also on certain substances, called extracts, that are naturally present in the wood. These substances provide elevated and natural biological durability to woods like Teak and Ipé.

Heat-treated Ash has a dark brown colour due to the treatment cycle used on the raw material.

Due to the high extract content, tropical woods are particularly subject to colour alterations due to heavy and rapid oxidation; this can lead to colour differences and changes even on elements that were originally similar. The oxidation phenomenon can highlight the formation of silica that is naturally present in the wood structure.

AGEING

Long exposure of the floor to the sun's rays leads to a colour change, giving the wood a uniform grey colour. This is a natural and inevitable phenomenon on woods used outdoors.

This comes from the prolonged action of UV rays which, alternating with the washing-out action of the rain, determine the quickness of the phenomenon. This occurs more quickly with stronger sun rays, namely during the summer and with southern exposure.

Wood ageing is a phenomenon that only affects the surface of the wood and does not impact its mechanical and structural characteristics.

CLIMATE CONDITIONS

Wood is naturally subject to dimensional changes depending upon the humidity and temperature. It is natural to have size variations from the absorption or loss of humidity in the wood due to the climate in the location in which the floor is installed. For this reason, outdoor floors must always be built with a space between the boards.

Extreme conditions such as drought or high humidity can cause very high tension inside the wood. In serious cases this can lead to the appearance of cracks in some boards (due to sliding between the growth rings resulting from exceeding the elastic compression limit).

FRACTURES

The nature of the wood along with the typical flamed veining from tangential cutting, leads to possible slight fractures near the pith. This phenomenon, which is a characteristic of wood, can be more significant when the floor is exposed to violent and sudden climate changes.

FINISH

The finish on outdoor floors is protective in nature. A finish treatment is proposed after installing the floor. Tropical woods are generally treated with oils for outdoor floors. Finish products that are oil-based and rich in iron oxides greatly darken ash. For this reason, a specific oil-based finish for heat-treated wood is recommended to better protect and enhance the grain of Ash.

MAINTENANCE

Protection is a very important and influential factor against ageing from UV rays. The periodic nourishment of wood with routine maintenance products, renews the protective action of the UV filters.

We recommend it be done at least twice a year. Without periodic maintenance, the appearance of the wood will change, inevitably changing to grey.

MECHANICAL CHARACTERISTICS

All wood species used for outdoor floors have mechanical characteristics that fully ensure the performance required for that use. Despite this, stress due to impacts or falling objects as well as concentrated high loads (high heeled shoes, ladders, etc.) can cause surface lacerations.

The wood does not have uniform characteristics like synthetic materials. This means that two floors made of the same type of wood can never look identical. For the same reason, a sample made up of a few boards can only give an idea of the appearance of the entire floor but can never demonstrate the final result in all details. The phenomenon described above are part of the nature of wood floors and cannot be considered defects.

USE AND MAINTENANCE CONDITIONS

The instructions for correct use and maintenance of the floor are available on the website, www.listonegiordano.com, in the section containing the documentation.

