Prices valid from March 2022

PRICE LIST 2022

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classica

atelier

outdoor

Listone Giordano®

Heritage Traccia / Fiesole 1455

SIGN YOUR WOOD FLOOR
WITH LISTONE GIORDANO ALUMINIUM PLATE

(see accessory section)

Prices in this price list do not include VAT

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ENVIRONMENTAL PROTECTION: BIOSPHERA

Biosphera is a marking system based on Listone Giordano's green procurement policy which meets the need to provide consumers with synthetic, clear and transparent information on the origin of the raw materials used. It focuses solely on the issue of forestry resources protection, in particular on their use in multilayer wooden floors. As such it is not meant to replace the internationally established certification protocols, which generally have broader fields of application and wider scope. Listone Giordano through Biosphera aims to spread among its customers a culture of environmental responsibility and promote the purchase of certified wood.

BIOSPHERA CERTIFIED

The mark identifies products made with raw materials with certified forestry management according to internationally recognised standards (FSC, PEFC, SFI, OLB, LEI, etc.)

BIOSPHERA CONTROLLED

The mark identifies products made with raw materials whose legal origin and forestry management, although not yet certified, is however validated by specific audits and documentary evidence. This is usually the intermediate step towards the official forestry certification.

HEALTH PROTECTION: CRYSTALCARE

How would you enjoy walking barefoot on your wood floor?
Thanks to Crystalcare, the antibacterial finish developed by Listone Giordano and ICRO, it is now totally safe. A simple additive incorporated into Xplus2, Naturplus2, Naturplus2 Matt, Mattplus, Invisibile Touch and Oleonature finishes ensures the antibacterial certification issued by CATAS S.p.A. laboratories according to ISO standard 22196:2007. Your well-being, your children's health and the safety of the places where they live and play in are the main focus of Crystalcare's extraordinary innovation.
Also developed for wood floors installed in healthcare and medical applications.

CERTIFICATIONS

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.

ISO 45001
Certification of Occupational Health and Safety Management System.

F-4 STARS
Listone Giordano wood floors comply to the most restrictive class F **** classification system on formaldehyde emissions defined by the Japanese Ministry of Land, Infrastructure, Transport and Tourism (MLIT).

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

US TSCA

Certification CARB2 / TSCA Title VI
The plywood panels used for Listone Giordano wood floors are in compliance with US TSCA Title VI and CARB phase 2 Formaldehyde emissions.

TÜV Proficert-Product Interior
It certifies that Listone Giordano 2-layer wood floors are complaint with health and quality criteria selected by TÜV Hessen (Premium level).

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.

Toy certification
Listone Giordano finishes are approved according to standard EN71-3 which assures fitness for use in children's toys.

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.

GENERAL INFORMATION.
WOOD, A LIVING MATERIAL

Wood is a "living" material interacting with the environment and affected by external factors such as sunlight, temperature, air moisture and daily use.

COLOUR

The colour of wood largely depends on certain substances it contains, known as extractives. The colour of these substances is modified by exposure to air and light, so that the original colour of every parquet floor undergoes more or less marked transformations over time.
Due to the high extractives content in tropical wood species, they are especially prone to chromatic changes usually evolving into darker brown hues.
Iroko and Doussie are two of the species that undergo the strongest colour changes. Doussie, in particular, may in some cases undergo localised phenomena of strong and quick colour changes. Boards with originally similar colours may react differently and over time may turn into very different hues.
Under specific conditions these colour alterations may make the traces of mineral substances, a natural part of the wood structure, more evident.
Teak may initially show very conspicuous colour variations. These variations tend to diminish and disappear over time and the colour turns a consistent medium-light hue.
Oak features a fair colour stability. With exposure to light it evolves into warmer hues, with the yellow component becoming more predominant. This phenomenon occurs even in pigment finished products (i.e "Michelangelo" and "Grisaglie" range).
Monteriggioni and Montesiepi initially show marked colour variations (contrasts). Over time, their appearance will tend to homogenize towards a more neutral and lighter gray tone. This evolution happens even without light and air exposure and it's due to the natural colour change of the surface treatment.
Long exposure of some wood species to intense and direct sunlight, for instance near a French window, may cause discolouration (UV rays produce these effects on many materials other than wood). In order to limit this phenomenon, we recommend the use of curtains or special UV filtering films to be applied to the glazing.

SILVER GRAIN

Oak boards sourced from a perfectly radial section of the log feature straight grain as well as ray flecks, typical lustrous figures even called silver grain.
Silver grain has always been sought after as an indicator of quality and value.
In addition to the aesthetic factor due to more even grain, it also indicates better technical performance (dimensional stability, impermeability, etc.).

SAMPLES

Wood is a natural material, uneven and variegated by its very nature: every item is unique and unrepeatable. Therefore samples consisting of few boards can only provide a general idea of what a parquet will look like and cannot fully show the different hues, grains and unique features.
As mentioned above, wood colour tends to change over time, due to exposure to light and air. That is why a recently installed wood floor typically features a different appearance and hue compared to a sample panel of the same product which has been exposed to natural light for some time.

WEATHER CONDITIONS

Wood naturally undergoes swelling or shrinking, depending upon the moisture and temperature conditions it is exposed to. For a floor to always be in perfect conditions, **the air temperature must be kept between 15°C and 30°C and relative air humidity between 45% and 65%.**
This range also coincides with the optimal conditions for people's well-being.
These climatic conditions should be maintained during installation as well as afterwards, including when the premises are not in use.
In certain situations, especially during the winter months, it may be necessary to use air humidifying systems in order to assure compliance with the indicated conditions.
In case of underfloor heating, in addition to the requirements for temperature and air humidity, the floor surface temperature limit with system in operation of 27°C should never be exceeded.
To prevent exceeding this limit, we recommend not to cover the floor with thick rugs or other materials having high thermal resistance in the case of underfloor heating.
Listone Giordano products featuring birch plywood support (identified in the "Technical specifications" section)may also be used in particularly severe conditions of temperature and humidity, i.e. with relative air humidity down to 30%, and with floor surface temperature up to 29°C. Under these conditions the product retains its integrity and functionality, however it may be subject to phenomena typically connected to wood shrinking, such as warped board section (cupping), the formation of cracks between boards, or even the formation of fissures within the individual board.

FISSURES

The appearance overtime of a few tiny fissures on the top hardwood layer is a natural phenomenon and inevitable in statistic terms even if the recommended climatic conditions are complied with.

HARDNESS

The individual hardness features of all wood species processed to manufacture the parquet products herein make them suitable for hardwood flooring. However surface dents or marks may occur in even the hardest of woods, if the hardwood floor undergoes impacts, is hit by falling objects, or is loaded with highly concentrated weight (stiletto heels, ladders, etc.).

HANDCRAFT PROCESSING

Atelier wood flooring collections feature uneven shape and appearance typical of a hand-made product. Visible differences between planks or within the same plank (i.e. uneven and/or rough surface, difference in hues) are not defects but rather represent the very essence of the products. Some processes cause roughness and minor splintering on the surface, which the cloths used for cleaning may get caught in.
The presence of said roughness and tiny splintering must be carefully assessed if the flooring is for barefoot use.

VARNISHES

The wear due to treading tends to alter the gloss of the finish over time, especially in high-traffic areas. Correct maintenance can keep this unavoidable phenomenon under control. A gloss alteration may be caused also by energetic and repeated rubbing, due for example to the attempt of removing a stain.

NATURAL OIL FINISHES

Products with natural oil finishes tend to yellow slightly, should these products be kept in their boxes for a long time or not be exposed to light and air.
This is an utterly natural and transitory phenomenon. All it takes for the product to regain its original appearance is to expose the boards to air and direct sunlight. In the event of exposure to indirect lighting, typical of indoors premises, the process may require a few weeks.
Natural oil-based finishes have the characteristic of continuing to permeate the wood fibres even after application, while the material is still in its packaging. Upon installation, the surface of the product may therefore appear especially "dry" in some areas. In that case all it takes is to apply the appropriate maintenance product immediately after installation.

USE AND MAINTENANCE INSTRUCTIONS

Instructions for correct use and maintenance of the wood flooring are available in the specific section of www.listonegiordano.com containing the technical sheets.
We recommend checking it when selecting the product.

classica

Listone Giordano

TECHNICAL SPECIFICATIONS

plank 230 - 190 - 140

TOP LAYER: 5 mm
SUPPORT THICKNESS: 9 mm
TOTAL THICKNESS: 14 mm
SUPPORT: BIRCH PLYWOOD
WEIGHT: 10,5 kg/m² [1]
THERMAL RESISTANCE: 0.086 m² K/W [1]
INSTALLATION: GLUED-DOWN

listone 190 - 140

TOP LAYER: 3.5 mm
SUPPORT THICKNESS: 9 mm
TOTAL THICKNESS: 12.5 mm
SUPPORT: BIRCH PLYWOOD
WEIGHT: 9,4 kg/m² [1]
THERMAL RESISTANCE: 0.077 m² K/W [1]
INSTALLATION: GLUED-DOWN

prima 190 - 140

TOP LAYER: 2.5 mm
SUPPORT THICKNESS: 7.5 mm
TOTAL THICKNESS: 10 mm
SUPPORT: BIRCH PLYWOOD
WEIGHT: 7,6 kg/m² [1]
THERMAL RESISTANCE: 0.062 m² K/W [1]
INSTALLATION: GLUED-DOWN

listone 90 - 70

TOP LAYER: 3.5 mm
SUPPORT THICKNESS: 7.5 mm
TOTAL THICKNESS: 11 mm
SUPPORT: BIRCH PLYWOOD
WEIGHT: 8,2 kg/m² [1]
THERMAL RESISTANCE: 0.067 m² K/W [1]
INSTALLATION: GLUED-DOWN

corona 70

TOP LAYER: 3.5 mm
SUPPORT THICKNESS: 5.5 mm
TOTAL THICKNESS: 9 mm
SUPPORT: BIRCH PLYWOOD
WEIGHT: 6,9 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 cooling underfloor systems provided they are installed with the glue down method and the instructions on operating temperature and humidity are strictly complied with.

During product selection we recommend reading the "General information" on page 6 and view the requirements relating to installation, use and maintenance that are available on www.listonegiordano.com.

Product features and specifications may change with respect to the information in this document.
For up-to-date information please refer to the documentation available on www.listonegiordano.com.

[1] Average indicative figures (in the case of weight it refers to the product including packaging).

TECHNICAL SPECIFICATIONS

FINISHES

XPLUS2 CRYSTALCARE	High-resistance solvent-free varnish coating with a refined satin appearance. This finish features the anti-bacterial Crystalcare technology.
NATURPLUS2 CRYSTALCARE	Solvent-free varnish coating, which emphasizes the wood's grain and authenticity. This finish features the anti-bacterial Crystalcare technology.
NATURPLUS2 MATT CRYSTALCARE	Solvent-free varnish coating, which emphasizes the wood's grain and authenticity and highlights the natural matt feature. The finish features the anti-bacterial Crystalcare technology.
MATTPLUS CRYSTALCARE	Solvent-free varnish coating similar to an untreated surface in appearance and colour. This finish features the anti-bacterial Crystalcare technology.
INVISIBLE TOUCH CRYSTALCARE	Water-based, air-dried finish. It protects wood whilst preserving the natural appearance and touch of an untreated surface. This finish features the anti-bacterial Crystalcare technology.
OLEONATURE CRYSTALCARE	Natural oil-based, air-dried finish. Thanks to a special protective treatment applied as last coat, it features high protection and convenient maintenance. This finish features the anti-bacterial Crystalcare technology.

GRADES

Elegant (Fibramix)	Mixed grain. The boards may feature colour variations and knots. In the extra wide boards (width from 140 mm and over), knots may even be filled or partially filled.
Unica	Mixed grain and colour variations. Presence of knots, including filled or partially filled ones. Some boards may contain sapwood according to the different wood species.
Charme (Country)	Mixed grain and colour variations. In Oak, widespread presence of knots, including filled or partially filled ones. In tropical species, in addition to marked colour contrasts, mineral formations typical of the structure of this type of wood may be visible.

The short descriptions above mentioned don't fully represent the characteristics of each selection and must therefore be understood as indicative and not binding. A more complete and detailed description of the various grades is available on www.listonegiordano.com.

PROFILES

SQUARE EDGE

BEVEL

OAK

REGULAR INSTALLATION

			Plank 230	Plank 190	Plank 140	Listone 190	Listone 140	Prima 190	Prima 140	Prima 140 smart	Listone 90	Listone 70
		top layer	5 mm	5 mm	5 mm	3,5 mm	3,5 mm	2,5 mm	2,5 mm	2,5 mm	3,5 mm	3,5 mm
		total thickness	14 mm	14 mm	14 mm	12,5 mm	12,5 mm	10 mm	10 mm	10 mm	11 mm	11 mm
		width	230 mm	190 mm	140 mm	190 mm	140 mm	190 mm	140 mm	140 mm	90 mm	70 mm
		lenght	1500-2400 mm	1500-2400 mm	1200-2100 mm	1500-2100 mm	1200-2100 mm	1500-2100 mm	1500-1800 mm	800-1200 mm	600-1200 mm	490 and 600 mm
	Naturplus2	Elegant (Fibramix)	219,60	198,95	179,25	180,05	157,90	155,60	137,90	131,00	125,40	100,65
		Charme (Country)	185,50	168,70	152,25	154,20	136,10	134,30	119,50	116,75		
	Mattplus	Elegant (Fibramix)	224,15	203,50	183,80	184,60	162,45	160,15	142,45	135,55	129,95	105,20
		Charme (Country)	190,05	173,25	156,80	158,75	140,65	138,85	124,05	121,30		
	Oleonature	Elegant (Fibramix)	222,15	201,50	181,80	182,60	160,45	158,15	140,45	133,55	127,95	103,20
		Charme (Country)	188,05	171,25	154,80	156,75	138,65	136,85	122,05	119,30		

Prices are in €/m²

square edge bevel

VARIANTS AND CUSTOMIZATIONS

Square edge	Available in Plank (140,190 and 230) and Listone (140 and 190).
Floating installation	Available in Listone and Prima (140 and 190). In the floating installation version the thickness is 15 and 14 mm respectively.
Invisible Touch	Available in all products listed.
Xplus2	Available in Corona 70 and Listone 90.
Specific lengths	Supply of specific lenghts required by the client.

Each customized version is to be individually quoted, according to the product, type of customization and the requested quantity. Please get in contact with the sales assistants.

NOTES

The products are supplied in the same **length or mixed lengths**, subject to availability. The supply may include up to 10% of the surface of shorter material than specified.

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OAK

ITALIAN HERRINGBONE (90º)		top layer total thickness width lenght	Plank 230	Plank 190	Plank 140	Listone 190	Listone 140 3,5 mm 12,5 mm 140 mm 890 and 1200 mm	Prima 190	Prima 140	Prima 140 smart	Listone 90 3,5 mm 11 mm 90 mm 590 and 800 mm	Listone 70 3,5 mm 11 mm 70 mm 490 and 600 mm
	Naturplus2	Elegant (Fibramix)					168,75 (1)				147,15 (1)	100,65
		Charme (Country)					145,45 (1)					
	Mattplus	Elegant (Fibramix)					173,30 (1)				151,70 (1)	105,20 (1)
		Charme (Country)					150,00 (1)					
	Oleonature	Elegant (Fibramix)					171,30 (1)				149,70 (1)	103,20 (1)
		Charme (Country)					148,00 (1)					

Prices are in €/m²

VARIANTS AND CUSTOMIZATIONS

Square edge	Available in Listone 140.
Xplus2	Available in Corona 70 and Listone 90.
Invisible Touch	Available in all products listed.
Other formats	It may be customized in other lengths, widths and thickness.

Each customized version is to be individually quoted, according to the product, type of customization and the requested quantity. Please get in contact with the sales assistants.

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square edge bevel

NOTES

(1) This product is made to order, 35 m² **minimum quantity**. Smaller quantities are to be evaluated upon request. If accepted 300 € will be charged as setup **fixed costs**.

OAK

CHEVRON PATTERN (60º)

			Plank 230	Plank 190	Plank 140	Listone 190	Listone 140	Prima 190	Prima 140	Prima 140 smart	Listone 90	Listone 70
		top layer					3,5 mm				3,5 mm	
		total thickness					12,5 mm				11 mm	
		width					140 mm				90 mm	
		lenght					835 mm				540 mm	
	Naturplus2	Elegant (Fibramix)					208,25				185,30	
		Charme (Country)					180,90					
	Mattplus	Elegant (Fibramix)					212,80				189,85	
		Charme (Country)					185,45					
	Oleonature	Elegant (Fibramix)					210,80				187,85	
		Charme (Country)					183,45					

Prices are in €/m²

VARIANTS AND CUSTOMIZATIONS

Square edge	Available in Listone 140.
Invisible Touch	Available in all products listed.
Other formats	It may be customized in other lengths, widths, thickness and angles.

Each customized version is to be individually quoted, according to the product, type of customization and the requested quantity. Please get in contact with the sales assistants.

square edge bevel

NOTES

The **minimum order quantity** is 35 m². Smaller quantities are to be evaluated upon request. If accepted 300 € will be charged as setup **fixed costs**.

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OAK MICHELANGELO

REGULAR INSTALLATION

			Plank 230	Plank 190	Plank 140	Listone 190	Listone 140	Prima 190	Prima 140	Prima 140 smart	Listone 90	Listone 70
		top layer	5 mm	5 mm	5 mm	3,5 mm	3,5 mm	2,5 mm	2,5 mm	2,5 mm	3,5 mm	3,5 mm
		total thickness	14 mm	14 mm	14 mm	12,5 mm	12,5 mm	10 mm	10 mm	10 mm	11 mm	11 mm
		width	230 mm	190 mm	140 mm	190 mm	140 mm	190 mm	140 mm	140 mm	90 mm	70 mm
		lenght	1500-2400 mm	1500-2400 mm	1200-2100 mm	1500-2100 mm	1200-2100 mm	1500-2100 mm	1500-1800 mm	800-1200 mm	600-1200 mm	490 e 600 mm
CANNELLA, TAMARINDO, TORTORA, TESTA DI MORO, SETA, BIANCOSPINO, MONTBLANC, CASHMERE, BIANCO ASSOLUTO	Naturplus2 Matt [1]	Elegant (Fibramix)	229,50	208,85	189,15	189,95	167,80	165,50	147,80	140,90	140,30	115,55
		Charme (Country)	195,40	178,60	162,15	164,10	146,00	144,20	129,40	126,65		
BIANCOSPINO, MONTBLANC	Oleonature	Elegant (Fibramix)	235,75	215,10	195,40	196,20	174,05	171,75	154,05	147,15	146,45	
		Charme (Country)	201,65	184,85	168,40	170,35	152,25	150,45	135,65	132,90		

Prices are in €/m²

VARIANTS AND CUSTOMIZATIONS

Square edge	Available in Plank (140,190 and 230) and Listone (140 and 190).
Floating installation	Available in Listone and Prima (140 and 190). In the floating installation version the thickness is 15 and 14 mm respectively.
Specific lengths	Supply of specific lenghts required by the client.

Each customized version is to be individually quoted, according to the product, type of customization and the requested quantity. Please get in contact with the sales assistants.

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square edge bevel

NOTES

The products are supplied in the same **length or mixed lengths**, subject to availability. The supply may include up to 10% of the surface of shorter material than specified.

The **minimum order quantity** for Bianco Assoluto is 80 m². In other colours the minimum order quantity is 35 m². Smaller quantities are to be evaluated upon request. If accepted 300 € will be charged as setup **fixed costs**.

[1] The Naturplus2 finish is available at no extra charge until 30/06/22.
From this date on, it will be available as a customization: please ask the sales assistants for a quotation.

OAK MICHELANGELO

ITALIAN HERRINGBONE (90º)

			Plank 230	Plank 190	Plank 140	Listone 190	Listone 140	Prima 190	Prima 140	Prima 140 smart	Listone 90	Listone 70
		top layer					3,5 mm				3,5 mm	3,5 mm
		total thickness					12,5 mm				11 mm	11 mm
		width					140 mm				90 mm	70 mm
		lenght					890 and 1200 mm				590 and 800 mm	490 and 600 mm
CANNELLA, TORTORA, SETA, BIANCOSPINO, MONTBLANC	Naturplus2 Matt [1]	Elegant (Fibramix)					178,65				162,05	115,55
		Charme (Country)					155,35					
BIANCOSPINO, MONTBLANC	Oleonature	Elegant (Fibramix)					184,90				168,20	
		Charme (Country)					161,60					

Prices are in €/m²

square edge bevel

VARIANTS AND CUSTOMIZATIONS

Square edge	Available in Listone 140.
Other formats	It may be customized in other lengths, widths and thickness.

Each customized version is to be individually quoted, according to the product, type of customization and the requested quantity. Please get in contact with the sales assistants.

NOTES

The **minimum order quantity** is 35 m². Smaller quantities are to be evaluated upon request. If accepted 300 € will be charged as setup **fixed costs**.

[1] The Naturplus2 finish is available at no extra charge until 30/06/22. From this date on, it will be available as a customization: please ask the sales assistants for a quotation.

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OAK MICHELANGELO

CHEVRON PATTERN (60º)

			Plank 230	Plank 190	Plank 140	Listone 190	Listone 140	Prima 190	Prima 140	Prima 140 smart	Listone 90	Listone 70
		top layer total thickness width lenght					3,5 mm 12,5 mm 140 mm 835 mm				3,5 mm 11 mm 90 mm 540 mm	
CANNELLA, TORTORA, SETA, BIANCOSPINO, MONTBLANC	Naturplus2 Matt [1]	Elegant (Fibramix)					218,15				200,20	
		Charme (Country)					190,80					
BIANCOSPINO, MONTBLANC	Oleonature	Elegant (Fibramix)					224,40				206,35	
		Charme (Country)					197,05					

Prices are in €/m²

square edge bevel

VARIANTS AND CUSTOMIZATIONS

Square edge	Available in Listone 140.
Other formats	It may be customized in other lengths, widths, thickness and angles.

Each customized version is to be individually quoted, according to the product, type of customization and the requested quantity. Please get in contact with the sales assistants.

NOTES

The **minimum order quantity** is 35 m². Smaller quantities are to be evaluated upon request. If accepted 300 € will be charged as setup **fixed costs**.

[1] The Naturplus2 finish is available at no extra charge until 30/06/22. From this date on, it will be available as a customization: please ask the sales assistants for a quotation.

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OAK GRISAGLIE

REGULAR INSTALLATION

			Plank 230	Plank 190	Plank 140	Listone 190	Listone 140	Prima 190	Prima 140	Prima 140 smart	Listone 90	Listone 70
		top layer	5 mm	5 mm	5 mm	3,5 mm	3,5 mm	2,5 mm	2,5 mm	2,5 mm	3,5 mm	3,5 mm
		total thickness	14 mm	14 mm	14 mm	12,5 mm	12,5 mm	10 mm	10 mm	10 mm	11 mm	11 mm
		width	230 mm	190 mm	140 mm	190 mm	140 mm	190 mm	140 mm	140 mm	90 mm	70 mm
		lenght	1500-2400 mm	1500-2400 mm	1200-2100 mm	1500-2100 mm	1200-2100 mm	1500-2100 mm	1500-1800 mm	800-1200 mm	600-1200 mm	490 and 600 mm
ALL THE COLORS	Naturplus2 Matt	Elegant (Fibramix)	232,95	212,30	192,60	193,40	171,25	168,95	151,25	144,35	140,30	115,55
		Charme (Country)	198,85	182,05	165,60	167,55	149,45	147,65	132,85	130,10		

Prices are in €/m²

square edge bevel

VARIANTS AND CUSTOMIZATIONS

Bevel	Available in all products listed.
Specific lengths	Supply of specific lenghts required by the client.

Each customized version is to be individually quoted, according to the product, type of customization and the requested quantity. Please get in contact with the sales assistants.

NOTES

The products are supplied in the same **length or mixed lengths**, subject to availability. The supply may include up to 10% of the surface of shorter material than specified.

The **minimum order quantity** is 35 m². Smaller quantities are to be evaluated upon request. If accepted 300 € will be charged as setup **fixed costs**.

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OAK GRISAGLIE

ITALIAN HERRINGBONE (90º)

			Plank 230	Plank 190	Plank 140
		top layer			
		total thickness			
		width			
		lenght			
ALL THE COLORS	Naturplus2 Matt	Elegant (Fibramix)			
		Charme (Country)			

Listone 190	Listone 140	Prima 190	Prima 140	Prima 140 smart	Listone 90	Listone 70
	3,5 mm				3,5 mm	3,5 mm
	12,5 mm				11 mm	11 mm
	140 mm				90 mm	70 mm
	890 and 1200 mm				590 and 800 mm	490 and 600 mm
	182,10				162,05	115,55
	158,80					

Prices are in €/m²

square edge bevel

VARIANTS AND CUSTOMIZATIONS

Bevel	Available in all products listed.
Other formats	It may be customized in other lengths, widths and thickness.

Each customized version is to be individually quoted, according to the product, type of customization and the requested quantity. Please get in contact with the sales assistants.

NOTES

The **minimum order quantity** is 35 m². Smaller quantities are to be evaluated upon request. If accepted 300 € will be charged as setup **fixed costs**.

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OAK GRISAGLIE

CHEVRON PATTERN (60º)

			Plank 230	Plank 190	Plank 140
		top layer total thickness width lenght			
ALL THE COLORS	Naturplus2 Matt	Elegant (Fibramix)			
		Charme (Country)			

Listone 190	Listone 140	Prima 190	Prima 140	Prima 140 smart	Listone 90	Listone 70
	3,5 mm 12,5 mm 140 mm 835 mm				3,5 mm 11 mm 90 mm 540 mm	
	221,60				200,20	
	194,25					

Prices are in €/m²

VARIANTS AND CUSTOMIZATIONS

Bevel	Available in all products listed.
Other formats	It may be customized in other lengths, widths, thickness and angles.

Each customized version is to be individually quoted, according to the product, type of customization and the requested quantity. Please get in contact with the sales assistants.

square edge bevel

NOTES

The **minimum order quantity** is 35 m². Smaller quantities are to be evaluated upon request. If accepted 300 € will be charged as setup **fixed costs**.

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COMPLEMENTARY WOOD SPECIES

REGULAR INSTALLATION

			Plank 230	Plank 190	Plank 140	Listone 190	Listone 140	Prima 190	Prima 140	Prima 140 smart	Listone 90	Corona 70
		top layer	5 mm	5 mm	5 mm	3,5 mm	3,5 mm	2,5 mm	2,5 mm	2,5 mm	3,5 mm	3,5 mm
		total thickness	14 mm	14 mm	14 mm	12,5 mm	12,5 mm	10 mm	10 mm	10 mm	11 mm	9 mm
		width	230 mm	190 mm	140 mm	190 mm	140 mm	190 mm	140 mm	140 mm	90 mm	70 mm
		lenght	1500-2400 mm	1500-2400 mm	1200-2100 mm	1200-2100 mm	1000-1800 mm	1200-2100 mm	1000-1800 mm	800-1200 mm	490-1200 mm	350-600 mm
CABREUVA KM 31	Xplus2	Elegant (Fibramix)										130,70 (1)
	Oleonature	Elegant (Fibramix)	267,85 (1)			214,25 (1)	192,35 (4)	180,00		161,60	163,35 (1)(7)	
IROKO	Naturplus2	Elegant (Fibramix)					162,35 (4)		145,05 (1)			
TEAK	Naturplus2	Elegant (Fibramix)					218,80 (3)(5)				182,55	
	Invisible Touch	Elegant (Fibramix)					227,40 (3)(5)					
	Oleonature	Elegant (Fibramix)					221,25 (3)(5)				185,00	
AMERICAN WALNUT	Invisible Touch	Unica					205,45 (3)					
	Oleonature	Unica				223,60 (2)	199,30 (3)		171,40 (3)		171,00 (1)(8)	
DOUSSIE'	Naturplus2	Elegant (Fibramix)		186,90 (1)(6)						132,60 (1)		90,20
		Charme (Country)					139,25 (1)					
JATOBA	Naturplus2	Elegant (Fibramix)					162,35 (1)					
MORADO	Xplus2	Elegant (Fibramix)										110,40
WENGE	Invisible Touch	Elegant (Fibramix)					191,75 (3)				153,20	
	Oleonature	Elegant (Fibramix)		258,60 (1)(2)			185,60 (3)				147,05	110,30

Prices are in €/m²

square edge bevel

VARIANTS AND CUSTOMIZATIONS

Italian Herringbone (90°)	
Chevron pattern (60°)	
Specific lengths	Supply of specific lenghts required by the client.

Each customized version is to be individually quoted, according to the product, type of customization and the requested quantity. Please get in contact with the sales assistants.

NOTES

The products are supplied in the same **length or mixed lengths**, subject to availability. The supply may include up to 10% of the surface of shorter material than specified.

(1) Limited availability. Please get in contact with the sales assistants for production time.

(2) It may be supplied 180 mm wide instead of 190 mm, subject to availability.

(3) It may be supplied 130 mm wide instead of 140 mm, subject to availability.

(4) Lenghts 800-1200 mm.

(5) Lenghts 1200-2100 mm.

(6) Width 182 mm, total thickness 15,5 mm, top layer 4,5 mm.

(7) Available also in 10 mm thickness, top layer 2,5 mm, 150,30 €/m².

(8) Available also in 10 mm thickness, top layer 2,5 mm, 157,30 €/m².

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Atmosfera Cophenagen | PATTERN ALMA | **Listone+ 90** Grigio Bretone, Grigio Porfido
design: Marco Carini

Atmosfera Turin | PATTERN ILSE | **Listone+ 90** Grigio Marino, Grigio Porfido
design: Marco Carini

Atmosfera Bruges | PATTERN MARCEL | **Listone+ 90** Testa di Moro, Seta
design: Marco Carini

Atmosfera New York | PATTERN OTTI | **Listone+ 55** Grigio Marino, Grigio Porfido
design: Marco Carini

Atmosfera Arles | PATTERN ANNI | **Listone+ 90**, **Listone+ 55** Grigio Marino, Grigio Porfido
design: Marco Carini

Atmosfera Tokyo | PATTERN OSKAR | **Listone+ 55** Grigio Marino, Grigio Porfido
design: Marco Carini

Atmosfera Milan | PATTERN PAUL | **Listone+ 90** Grigio Marino, Grigio Porfido
design: Marco Carini

Atmosfera Milan | PATTERN MIES | **Listone+ 120** Cashmere, **Listone+ 90** Montblanc, **Listone+ 55** Tortora
design: Marco Carini

CUSTOM+

PATTERN

				Listone+ 120	Listone+ 90	Listone+ 55
			total thickness	12,5 mm	12,5 mm	12,5 mm
			top layer	3,5 mm	3,5 mm	3,5 mm
			width	120 mm	90 mm	55 mm
ALMA 90x590	OAK OAK MICHELANGELO OAK GRISAGLIE	Naturplus 2 Matt	Elegant (Fibramix)		153,10	
MARCEL 90x1200 90x380	OAK OAK MICHELANGELO OAK GRISAGLIE	Naturplus 2 Matt	Elegant (Fibramix)		153,10	
ILSE 90x1200	OAK OAK MICHELANGELO OAK GRISAGLIE	Naturplus 2 Matt	Elegant (Fibramix)		153,10	
ANNI 90x1200 55x890 55x590	OAK OAK MICHELANGELO OAK GRISAGLIE	Naturplus 2 Matt	Elegant (Fibramix)		153,10	215,60

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PATTERN

				Listone+ 120	Listone+ 90	Listone+ 55
			total thickness	12,5 mm	12,5 mm	12,5 mm
			top layer	3,5 mm	3,5 mm	3,5 mm
			width	120 mm	90 mm	55 mm
PAUL 90x1080 90x900	OAK OAK MICHELANGELO OAK GRISAGLIE	Naturplus 2 Matt	Elegant (Fibramix)		153,10	
OSKAR 55x1200 55x380	OAK OAK MICHELANGELO OAK GRISAGLIE	Naturplus 2 Matt	Elegant (Fibramix)			215,60
MIES 120x1200 90x380 55x890	OAK OAK MICHELANGELO OAK GRISAGLIE	Naturplus 2 Matt	Elegant (Fibramix)	166,35	153,10	215,60
OTTI 55x1200	OAK OAK MICHELANGELO OAK GRISAGLIE	Naturplus 2 Matt	Elegant (Fibramix)			215,60

square edge bevel

NOTES

The minimum order quantity of Custom+ is **50 m²** (75 m² in MIES pattern) and a **300 €** charge for setup fixed costs will be applied. Orders for smaller quantities can not be accepted. No charge and no minimum order quantity is required if Custom+ is part of an order of at least **100 m²**.

STAIR NOSINGS (PROFILE A)

l	a	b	PRODUCTS	
1200 mm	190 mm	40 mm	Plank 230 / 190 / 140	**172,73**
1200 mm	190 mm [1]	40 mm	Listone 190 / 140	**172,73**
1200 mm	190 mm	40 mm	Prima 190 / 140 / 140 smart	**172,73**
1200 mm	90 mm	40 mm	Listone 90	**115,23**
1200 mm	70 mm	40 mm	Corona 70 / Listone 70	**115,23**

Prices are in €/pc

STAIR NOSINGS (PROFILE B)

l	a	b	PRODUCTS	
1200 mm	190 mm	190 mm	Plank 230 / 190 / 140	**225,63**
1200 mm	190 mm [1]	190 mm [1]	Listone 190 / 140	**225,63**
1200 mm	190 mm	190 mm	Prima 190 / 140 / 140 smart	**225,63**
1200 mm	90 mm	90 mm	Listone 90	**120,64**
1200 mm	70 mm	70 mm	Corona 70 / Listone 70	**120,64**

Prices are in €/pc

THRESHOLD MOULDINGS

a	l	PRODUCTS	
30 mm	1200 mm	All products	**66,01**

Prices are in €/pc

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

These products are manufactured upon request. The delivery time is aprox 30 days from order's confirmation.
For products with dimensions, shapes and colours other than standard, prices and delivery terms will be confirmed from time to time.

The standard elements of stairnosings are not designed to be fitted side by side. If you require this kind of installation please check feasibility, costs and timing with your sale assistant.

These products are an handcrafted product so tolerances are typical of an artisan process.

Stairnosings and reducers have to be installed only glued down, regardless of the type of installation of corresponding wood floor.

[1] On Iroko, Doussié, Jatoba and Wenge it is supplied in 140 mm.

LISTONE GIORDANO PLATE

PRODUCTS	
Aluminium "Listone Giordano" brand plate including flush installation into one of the boards supplied	**69,00**

Prices are in €/pc

GLUE

	PRODUCTS	
	ECOLFIT (environmentally-friendly one-component silane adhesive) - 14 kg tin Average yield: 1,2 Kg/m². It is strictly connected to the conditions of the subfloor.	**7,95** €/kg
	VINYL ADHESIVE (vinyl adhesive suitable for the joints of floating wood flooring) - 0.5 Kg tin Average yield: 2,5 m²/package	**8,60** €/pc

MAT UNDERLAYMENT

PRODUCTS	
Polyethylene mat underlayment for floating floors. Thickness 3 mm. - 15 m² package.	**1,35**

Prices are in €/m²

WHITE SKIRTING BOARDS

Profile	Height	Thickness	Length	Pretreated [1]	RAL 9003 White	RAL 9010 White
B1	45 mm	13 mm	2,40 m	-	**4,00**	**4,00**
B1	50 mm	10 mm	2,40 m	-	**4,00**	**4,00**
B2	80 mm	14 mm	2,40 m	**5,50**	-	-
B3	60 mm	16 mm	2,40 m	-	**6,10**	**6,10**
B3	70 mm	10 mm	2,40 m	-	**3,40**	**3,40**
B4	96 mm	16 mm	2,40 m	-	**7,20**	**7,20**
B5	96 mm	16 mm	2,40 m	-	**7,20**	**7,20**
B6	108 mm	16 mm	2,40 m	-	**7,40**	**7,40**
B7	118 mm	16 mm	2,40 m	-	**7,50**	**7,50**
B8	130 mm	16 mm	2,40 m	-	**8,00**	**8,00**

Prices are in €/m

[1] Untreated surface to be finished on site with colour of choice.

NATURAL WOOD SKIRTING BOARDS

Profile	Height	Thickness	Length	Wood types	Naturplus2	Invisible Touch
B1	50 mm	10 mm	2,40 m	Oak	**5,90**	**7,80**
B1	50 mm	10 mm	2,40 m	Oak Tamarindo, Tortora, Testa di Moro, Biancospino, Montblanc	**9,90**	-
B1	50 mm	10 mm	2,40 m	Oak Cannella, Seta, Cashmere, Grisaglie (tutti i colori)	**10,80**	
B3	70 mm	10 mm	2,40 m	Oak	**6,20**	**8,20**
B3	70 mm	10 mm	2,40 m	Oak Tamarindo, Tortora, Testa di Moro, Biancospino, Montblanc	**9,90**	-
B3	70 mm	10 mm	2,40 m	Oak Cannella, Seta, Cashmere, Grisaglie (tutti i colori)	**10,80**	
B3	70 mm	10 mm	2,40 m	Cabreuva km 31	**9,20**	-
B3	70 mm	10 mm	2,40 m	Iroko	**6,80**	-
B3	70 mm	10 mm	2,40 m	Teak	**7,80**	**9,50**
B3	70 mm	10 mm	2,40 m	American Walnut	**7,80**	**11,50**
B3	70 mm	10 mm	2,40 m	Doussié	**7,20**	-
B3	70 mm	10 mm	2,40 m	Jatoba	**9,90**	-
B3	70 mm	10 mm	2,40 m	Wenge	**8,20**	**11,10**

Prices are in €/m

The wood veneer of the skirting board may feature different grain and hue from the related wood flooring material.

Use Naturplus2 finished skirting board to match floors with Xplus2, Naturplus2 Matt, Mattplus and Oleonature finish.

We recommend white skirting boards to match Bianco Assoluto.

atelier

Listone
Giordano

TECHNICAL SPECIFICATIONS

heritage

TOP LAYER: 3.5 mm [1]
SUPPORT THICKNESS: 9 mm
TOTAL THICKNESS: 12.5 mm
SUPPORT: BIRCH PLYWOOD
WEIGHT: 9,4 kg/m² [2]
THERMAL RESISTANCE: 0.077 m² K/W [2]
INSTALLATION: GLUED-DOWN

désir

TOP LAYER: 3.5 mm
SUPPORT THICKNESS: 9 mm
TOTAL THICKNESS: 12,5 mm
SUPPORT: BIRCH PLYWOOD
WEIGHT: 9,4 kg/m²
THERMAL RESISTANCE: 0.077 m² K/W
INSTALLATION: GLUED-DOWN

réserve

TOP LAYER: UP TO 3.5 mm [1]
SUPPORT THICKNESS: 14.5 mm
TOTAL THICKNESS: 18 mm
SUPPORT: BLOCKBOARD WITH OAK COUNTER-BALANCEMENT
WEIGHT: 11,6 kg/m²
THERMAL RESISTANCE: 0.125 m² K/W
INSTALLATION: GLUED-DOWN OR FLOATING

ancien | Quattrocento italiano

TOP LAYER: 5 mm
SUPPORT THICKNESS: 9 mm
TOTAL THICKNESS: 14 mm
SUPPORT: BIRCH PLYWOOD
WEIGHT: 10,5 kg/m² [2]
THERMAL RESISTANCE: 0.086 m² K/W [2]
INSTALLATION: GLUED-DOWN

undici

TOP LAYER: 3.5 mm
SUPPORT THICKNESS: 9 mm
TOTAL THICKNESS: 12.5 mm
SUPPORT: BIRCH PLYWOOD
WEIGHT: 9,4 kg/m²
THERMAL RESISTANCE: 0.077 m² K/W
INSTALLATION: GLUED-DOWN

decó

TOP LAYER: 3.5 mm
SUPPORT THICKNESS: 9 mm
TOTAL THICKNESS: 12.5 mm
SUPPORT: BIRCH PLYWOOD
WEIGHT: 9,4 kg/m² [2]
THERMAL RESISTANCE: 0.077 m² K/W [2]
INSTALLATION: GLUED-DOWN

All products in the Atelier range are compatible with heating and cooling underfloor systems provided they are installed with the glue down method and the instructions on operating temperature and humidity are strictly complied with.

During product selection we recommend reading the "General information" on page 6 and view the requirements relating to installation, use and maintenance that are available on www.listonegiordano.com

Product features and specifications may change with respect to the information in this document.
For up-to-date information please refer to the documentation available on www.listonegiordano.com

[1] Versions of these products feature an uneven top layer after the surface processing and the thickness may be reduced in some areas compared to the one above mentioned.

[2] Average indicative figures (in the case of weight it refers to the product including packaging)

TECHNICAL SPECIFICATIONS

FINISHES

INVISIBLE TOUCH CRYSTALCARE	Water-based, air-dried finish. It protects wood whilst preserving the natural appearance and touch of an untreated surface. This finish features the anti-bacterial Crystalcare technology.
OLEONATURE CRYSTALCARE	Natural oil-based, air-dried finish. Thanks to a special protective treatment applied as last coat, it features high protection and convenient maintenance. This finish features the anti-bacterial Crystalcare technology.

SURFACE PROCESSING

Filigrana	The brushing treatment of the surface enhances the wood grain pattern.
Traccia	Hand crafted surface that features the typical marks of hand planing.
Filo di Lama	Rough sawn surface effect.
Mareggiata	Handcrafted surface highlighting knots and the authentic features of the wood, to give the appearance of material exposed to weathering.
Incisione	The surface is decorated with a light bas-relief engraving.

GRADES

Elegant (Fibramix)	Mixed grain. The boards may feature colour variations and knots. In the extra wide boards (width from 140 mm and over), knots may even be filled or partially filled.
Charme (Country)	Mixed grain and colour variations. Widespread presence of knots, including filled or partially filled ones.
Esprit	Mixed grain, naturally uneven hue variation, marked and widespread presence of filled or open fissures, as well as encased, tight or only partially filled knots.
Unica	Mixed grain and colour variations. Presence of knots, including filled or partially filled ones. Some boards may contain sapwood according to the different wood species.

Atelier wood flooring collections feature uneven shape and appearance typical of a hand-made product.
Visible differences between planks or within the same plank (i.e. uneven and/or rough surface, difference in hues) are not to be considered defects but rather represent the very essence of the product.

Wood is a natural and variegated material.
The pictures and brief descriptions in this document cannot fully represent the appearance of each product and must therefore be understood as indicative and not contractually binding.
A more complete and detailed description of the various grades is available on www.listonegiordano.com.

PROFILES

MICRO BEVEL

BEVEL

BEVEL AND GROOVE

Brushed surface

REGULAR INSTALLATION — ITALIAN HERRINGBONE — CHEVRON PATTERN

REGULAR INSTALLATION	NAME	FINISH	GRADE	190 total thickness 12,5 mm top layer 3,5 mm lenghts 1500-2400 mm	140 total thickness 12,5 mm top layer 3,5 mm lenghts 1200-2100 mm	140 smart total thickness 12,5 mm top layer 3,5 mm lenghts 1000-1200 mm
OAK	Città della Pieve 1999	Oleonature	Esprit	154,60	132,25	116,40
	Ostuni 1506	Oleonature	Esprit	169,50	147,15	131,30
	Pienza 1458	Oleonature	Esprit	189,70	167,35	
	Fiesole 1125	Oleonature	Esprit	174,80	152,45	
	Civita 1695	Invisible Touch	Esprit	189,70	167,35	
	Civita 1695	Invisible Touch	Elegant (Fibramix)	224,95	192,05	
	Tuscania 1093	Invisible Touch	Esprit	193,95	171,60	
	Firenze 1565	Oleonature	Esprit	174,80	152,45	136,60
	Siena 1179	Oleonature	Esprit	189,70	167,35	151,50
	Monteriggioni 1213	Invisible Touch	Esprit	207,00	184,65	
	Montesiepi 1185	Invisible Touch	Esprit	207,00	184,65	
OTHER WOOD	American Walnut	Oleonature	Esprit	192,45	165,20	

Prices are in €/m²

ITALIAN HERRINGBONE (90°)	NAME	FINISH	GRADE	140 total thickness 12,5 mm top layer 3,5 mm lenghts 890 and 1200 mm	90 total thickness 12,5 mm top layer 3,5 mm lenghts 590 and 800 mm	55 total thickness 12,5 mm top layer 3,5 mm lenght 590 mm	40 total thickness 12,5 mm top layer 3,5 mm lenght 390 mm
OAK	Città della Pieve 1999	Oleonature	Esprit	154,60 (1)	154,60		
	Ostuni 1506	Oleonature	Esprit	169,50 (1)	169,50		
	Pienza 1458	Oleonature	Esprit	189,70 (1)	189,70		
	Fiesole 1125	Oleonature	Esprit	174,80 (1)	174,80		
	Civita 1695	Invisible Touch	Esprit	189,70	189,70	210,55	278,65 (2)
	Tuscania 1093	Invisible Touch	Esprit	193,95 (1)	193,95		
	Firenze 1565	Oleonature	Esprit	174,80 (1)	174,80		
	Siena 1179	Oleonature	Esprit	189,70 (1)	189,70		
	Monteriggioni 1213	Invisible Touch	Esprit	207,00 (1)	207,00		
	Montesiepi 1185	Invisible Touch	Esprit	207,00 (1)	207,00		
OTHER WOOD	American Walnut	Oleonature	Esprit		192,45 (3)		

Prices are in €/m²

CHEVRON PATTERN (60°)	NAME	FINISH	GRADE	140 total thickness 12,5 mm top layer 3,5 mm lenght 835 mm	90 total thickness 12,5 mm top layer 3,5 mm lenght 540 mm	55 total thickness 12,5 mm top layer 3,5 mm lenght 540 mm	40 total thickness 12,5 mm top layer 3,5 mm lenght 390 mm
OAK	Città della Pieve 1999	Oleonature	Esprit	176,25 (1)	176,25		
	Ostuni 1506	Oleonature	Esprit	191,15 (1)	191,15		
	Pienza 1458	Oleonature	Esprit	211,35 (1)	211,35		
	Fiesole 1125	Oleonature	Esprit	196,45 (1)	196,45		
	Civita 1695	Invisible Touch	Esprit	211,35	211,35		
	Tuscania 1093	Invisible Touch	Esprit	215,60 (1)	215,60		
	Firenze 1565	Oleonature	Esprit	196,45 (1)	196,45		
	Siena 1179	Oleonature	Esprit	211,35 (1)	211,35		
	Monteriggioni 1213	Invisible Touch	Esprit	228,65 (1)	228,65		
	Montesiepi 1185	Invisible Touch	Esprit	228,65 (1)	228,65		

Prices are in €/m²

microbevel — bevel — bevel and groove

VARIANTS AND CUSTOMIZATIONS

Elegant (Fibramix) grade	Available in Oak products.
Floating installation	Available for floating version with 15 mm thickness. Only for regular installation.
Other formats	It may be customized in other lengths, widths and angles.

Each customized version is to be individually quoted, according to the product, type of customization and the requested quantity. Please get in contact with the sales assistants.

NOTES

The products for regular installation are supplied in the same **length or mixed lengths**, subject to availability. The supply may include up to 10% of the surface of shorter material than specified.

(1) The **minimum order quantity** is 25 m². Smaller quantities are to be evaluated upon request. If accepted 300 € will be charged as setup **fixed costs**.

(2) This product is available in the Elegant (Fibramix) grade.

(3) Limited availability, lengths 490, 590 and 800 mm.

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ACCESSORIES page 68-71

CLEANING AND MAINTENANCE page 72-73

Planed surface

REGULAR INSTALLATION | ITALIAN HERRINGBONE | CHEVRON PATTERN

REGULAR INSTALLATION

	NAME	FINISH	GRADE	190 total thickness 12,5 mm top layer 3,5 mm [1] lengths 1500-2100 mm	140 total thickness 12,5 mm top layer 3,5 mm [1] lengths 1200-2100 mm	140 smart total thickness 12,5 mm top layer 3,5 mm [1] lengths 1000-2100 mm
OAK	Pienza 1462	Oleonature	Esprit	210,70	188,40	
	Rapolano 1307	Oleonature	Esprit	210,70	188,40	
	Fiesole 1455	Oleonature	Esprit	195,80	173,50	
	Civita 1140	Invisible Touch	Esprit	210,70	188,40	
	Civita 1140	Invisible Touch	Elegant (Fibramix)	246,00	213,10	
	Tuscania 1206	Invisible Touch	Esprit	214,95	192,65	
	Firenze 1504	Oleonature	Esprit	195,80	173,50	
	Siena 1502	Oleonature	Esprit	210,70	188,40	
OTHER WOOD	American Walnut	Oleonature	Esprit	213,50	186,25	

Prices are in €/m²

ITALIAN HERRINGBONE (90°)

	NAME	FINISH	GRADE	140 total thickness 12,5 mm top layer 3,5 mm [1] lengths 890 and 1200 mm	90 total thickness 12,5 mm top layer 3,5 mm [1] lengths 590 and 800 mm	55 total thickness 12,5 mm top layer 3,5 mm [1] lenght 590 mm	40 total thickness 12,5 mm top layer 3,5 mm [1] lenght 390 mm
OAK	Pienza 1462	Oleonature	Esprit	210,70 [2]	210,70 [2]		
	Rapolano 1307	Oleonature	Esprit	210,70 [2]	210,70 [2]		
	Fiesole 1455	Oleonature	Esprit	195,80 [2]	195,80 [2]		
	Civita 1140	Invisible Touch	Esprit	210,70 [2]	210,70	231,60 [2]	
	Tuscania 1206	Invisible Touch	Esprit	214,95 [2]	214,95 [2]		
	Firenze 1504	Oleonature	Esprit	195,80 [2]	195,80 [2]		
	Siena 1502	Oleonature	Esprit	210,70 [2]	210,70 [2]		

Prices are in €/m²

CHEVRON PATTERN (60°)

	NAME	FINISH	GRADE	140 total thickness 12,5 mm top layer 3,5 mm [1] lenght 835 mm	90 total thickness 12,5 mm top layer 3,5 mm [1] lenght 540 mm	55 total thickness 12,5 mm top layer 3,5 mm [1] lenght 540 mm	40 total thickness 12,5 mm top layer 3,5 mm [1] lenght 390 mm
OAK	Pienza 1462	Oleonature	Esprit	232,35 [2]	232,35 [2]		
	Rapolano 1307	Oleonature	Esprit	232,35 [2]	232,35 [2]		
	Fiesole 1455	Oleonature	Esprit	217,45 [2]	217,45 [2]		
	Civita 1140	Invisible Touch	Esprit	232,35 [2]	232,35		
	Tuscania 1206	Invisible Touch	Esprit	236,60 [2]	236,60 [2]		
	Firenze 1504	Oleonature	Esprit	217,45 [2]	217,45 [2]		
	Siena 1502	Oleonature	Esprit	232,35 [2]	232,35 [2]		

Prices are in €/m²

microbevel | bevel | bevel and groove

VARIANTS AND CUSTOMIZATIONS

Elegant (Fibramix) grade	Available in Oak products.
Floating installation	Available for floating version with 15 mm thickness. Only for regular installation.
Other formats	It may be customized in other lengths, widths and angles.

Each customized version is to be individually quoted, according to the product, type of customization and the requested quantity. Please get in contact with the sales assistants.

NOTES

The products for regular installation are supplied in the same **length or mixed lengths**, subject to availability. The supply may include up to 10% of the surface of shorter material than specified.

The cloths used for cleaning may get caught in the roughness and minor splintering on the surface. The presence of said roughness and tiny splintering is a feature to be taken into account if the flooring is for barefoot use.

[1] Versions of these products feature an uneven top layer after the surface processing and the thickness may be reduced in some areas compared to the one above mentioned.

[2] The **minimum order quantity** is 25 m².

Smaller quantities are to be evaluated upon request. If accepted 300 € will be charged as setup **fixed costs**.

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heritage filo di lama

Cut-sawn effect of the surface

REGULAR INSTALLATION

ITALIAN HERRINGBONE

REGULAR INSTALLATION	NAME	FINISH	GRADE	190 total thickness 12,5 mm top layer 3,5 mm lenghts 1500-2100 mm	140 total thickness 12,5 mm top layer 3,5 mm lenghts 1200-2100 mm	140 smart total thickness 12,5 mm top layer 3,5 mm lenghts 1000-2100 mm
OAK	Pienza 1405	Oleonature	Esprit	210,70	188,40	
	Firenze 1436	Oleonature	Esprit	195,80		
	Siena 1297	Oleonature	Esprit	210,70		
	San Gimignano 1311	Oleonature	Esprit	210,70	188,40	
	Montalcino 1118	Oleonature	Esprit	210,70	188,40	
	Bagno Vignoni 1262	Oleonature	Esprit	210,70	188,40	
	Erice 1312	Oleonature	Esprit	228,00	205,70	

Prices are in €/m²

ITALIAN HERRINGBONE (90º)	NAME	FINISH	GRADE	140 total thickness 12,5 mm top layer 3,5 mm lenght 890 and 1200 mm	90 total thickness 12,5 mm top layer 3,5 mm lenght 590 mm	55 total thickness 12,5 mm top layer 3,5 mm lenght 590 and 890 mm	40 total thickness 12,5 mm top layer 3,5 mm lenght 390 mm
OAK	Pienza 1405	Oleonature	Esprit		210,70	231,60	
	Firenze 1436	Oleonature	Esprit		195,80	216,70	
	Siena 1297	Oleonature	Esprit		210,70	231,60	
	San Gimignano 1311	Oleonature	Esprit		210,70	231,60	
	Montalcino 1118	Oleonature	Esprit		210,70	231,60	
	Bagno Vignoni 1262	Oleonature	Esprit		210,70	231,60	
	Erice 1312	Oleonature	Esprit		228,00	248,90	

Prices are in €/m²

microbevel bevel bevel and groove

VARIANTS AND CUSTOMIZATIONS

Elegant (Fibramix) grade	
Floating installation	Available for floating version with 15 mm thickness. Only for regular installation.
Other formats	It may be customized in other lengths, widths and angles.

Each customized version is to be individually quoted, according to the product, type of customization and the requested quantity. Please get in contact with the sales assistants.

NOTES

The products for regular installation are supplied in the same **length or mixed lengths**, subject to availability. The supply may include up to 10% of the surface of shorter material than specified.

The cloths used for cleaning may get caught in the roughness and minor splintering on the surface. The presence of said roughness and tiny splintering is a feature to be taken into account if the flooring is for barefoot use.

The **minimum order quantity** is 25 m². Smaller quantities are to be evaluated upon request. If accepted 300 € will be charged as setup **fixed costs**.

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désir

INSTALLATION PATTERNS

	NAME	SURFACE	FINISH	GRADE	90 total thickness 12,5 mm top layer 3,5 mm lenghts 1500 and 1800 mm	55 total thickness 12,5 mm top layer 3,5 mm lenghts 1200,1500,1800 mm
OAK	Fiesole 1125	filigrana	Oleonature	Esprit		186,65
	Fiesole 1125	filigrana	Oleonature	Elegant (Fibramix)		212,50
	Civita 1695	filigrana	Invisible Touch	Esprit	212,65	201,55
	Civita 1695	filigrana	Invisible Touch	Elegant (Fibramix)	228,70	227,40
	Tuscania 1093	filigrana	Invisible Touch	Esprit		205,80

Prices are in €/m²

VARIANTS AND CUSTOMIZATIONS

Other Filigrana colors	It may be supplied in all Filigrana color range.

Each customized version is to be individually quoted, according to the product, type of customization and the requested quantity. Please get in contact with the sales assistants.

micro bevel bevel bevel and groove

NOTES

The products are supplied in the same **length or mixed lengths**, subject to requests and availability.

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Désir / Oak Civita 1695

réserve mareggiata

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.

	NAME	FINISH	GRADE	260 total thickness up to 18 mm top layer up to 3,5 mm lenghts 1800 and 3000 mm	190 total thickness up to 18 mm top layer up to 3,5 mm lenghts 1600 and 1900 mm
OAK	Pisa 1173	Oleonature	Esprit [1]	256,85	202,95
	Cefalù 1131	Invisible Touch	Esprit [1]	274,45	220,55

Prices are in €/m²

micro bevel bevel bevel and groove

NOTES

The products are supplied in the same **length or mixed lengths**, subject to availability. The supply may include up to 10% of the surface of shorter material than specified.

In these products, the initial 3.5 mm top layer becomes uneven after the processing and it may be reduced up to 1 mm in some areas.

The products, except the Fibramix versions, feature naturally uneven hue, and marked and widespread presence of filled or open fissures, as well as sound, filled or partially filled knots. A detailed description of the grade is available on the designated section of www.listonegiordano.com

The handcrafted nature of the processes and treatments performed on these products means that the end result may differ from batch to batch, both in terms of surface and hue. In the case of matching several lengths the material supplied is likely to feature uneven hues.

The cloths used for cleaning may get caught in the roughness and minor splintering on the surface. The presence of said roughness and tiny splintering is a feature to be taken into account if the flooring is for barefoot use.

[1] Some boards may contain sapwood.

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Private residence - Mexico
Interior design: Paola Aboumrad
Partner: Solesdi Messico

Réserve Mareggiata/ Oak Cefalù 1131

ancien

	FINISH	GRADE	160-190 total thickness 14 mm top layer 5 mm lenghts 1800-2400 mm	90-125-140-190 total thickness 14 mm top layer 5 mm lenghts 1000-2100 mm
EUROPEAN WALNUT	Oleonature	Unica		286,55
ANTIC TEAK	Oleonature	Esprit	318,10	

Prices are in €/m²

micro bevel bevel bevel and groove

NOTES

The products are supplied in **mixed lengths** and **widths**. The supply may include up to 10% of the surface of shorter material than specified.

The **minimum order quantity** is 25 m². Smaller quantities are to be evaluated upon request. If accepted 300 € will be charged as setup **fixed costs**.

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Ancien / European walnut

Quattrocento italiano

INSTALLATION PATTERNS

	NAME	SURFACE	FINISH	GRADE	390 total thickness 14 mm top layer 5 mm lenghts 1800 - 2400 mm	290 / 340 [2] total thickness 14 mm top layer 5 mm lenghts 1800 - 2400 mm	190 total thickness 14 mm top layer 5 mm lenghts 1800 - 2400 mm
OAK	**Città della Pieve 1999**	Filigrana	Oleonature	Esprit [1]	256,25	241,75	174,10
OAK	**Città della Pieve 1999**	Filigrana	Oleonature	Elegant (Fibramix)	296,05	279,30	205,75

Prices are in €/m²

	NAME	SURFACE	FINISH	GRADE	390 total thickness 14 mm top layer 5 mm lenghts 3000 and 3600 mm	290 / 340 [2] total thickness 14 mm top layer 5 mm lenghts 3000 and 3600 mm	190 total thickness 14 mm top layer 5 mm lenghts 3000 and 3600 mm
OAK	**Città della Pieve 1999**	Filigrana	Oleonature	Esprit [1]	281,90	265,95	
OAK	**Città della Pieve 1999**	Filigrana	Oleonature	Elegant (Fibramix)	325,65	307,20	

Prices are in €/m²

VARIANTS AND CUSTOMIZATIONS

Other colors	It may be supplied as well in Ostuni 1506, Pienza 1458, Monteriggioni 1213 and Montesiepi 1185 colors.

Each customized version is to be individually quoted, according to the product, type of customization and the requested quantity. Please get in contact with the sales assistants.

micro bevel bevel bevel and groove

NOTES

Products are supplied in **one length** or in the **two different lengths** according to requests and subject to availability.

The **minimum order quantity** is 25 m². Smaller quantities are to be evaluated upon request. If accepted 300 € will be charged as setup **fixed costs**.

[1] Some boards may contain sapwood.

[2] Supplied in one of the two widths above mentioned according to availability.

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Quattrocento Italiano / Oak Città della Pieve 1999

undici

Inkiostro Bianco
CREATIVE THINKING

	NAME	SURFACE	FINISH	GRADE	140 total thickness 12,5 mm top layer 3,5 mm lenght 1200 mm
OAK	Decoro	Filigrana	Invisible Touch	Unica	304,30
	Fondo	Filigrana	Invisible Touch	Unica	146,10

Prices are in €/m²

micro bevel bevel bevel and groove

NOTES

Undici is a wood floor collection combining – in proportions to be entirely decided according to the design – finely engraved boards (Decoro) with only slightly brushed boards retaining the natural surface of wood (Fondo). Each package of Decoro contains boards randomly selected among the ten different patterns characterising the collection's design.

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Undici / Oak Decoro

decó

VERSAILLES

PONTIGNY

FONTENAY

	FINISH	GRADE	VERSAILLES total thickness 12,5 mm top layer 3,5 mm	PONTIGNY total thickness 12,5 mm top layer 3,5 mm	FONTENAY total thickness 12,5 mm top layer 3,5 mm
OAK	Oleonature	Elegant (Fibramix)	478,75	565,95	602,15
TEAK	Oleonature	Elegant (Fibramix)	565,95	642,55	738,30
EUROPEAN WALNUT	Oleonature	Unica	546,80	621,30	723,40

Prices are in €/m²

micro bevel bevel bevel and groove

NOTES

The items are milled on four sides with groove profiles.They interlock by means of solid wood splines supplied with the material.

Bespoke panels may be produced on request, as an alternative to the models we offer. For any information about feasibility, costs and delivery times please contact our sales assistants.

Due to perimeter cuts a 5% to 10% wastage is normally to be accounted for, though it may markedly vary according to the geometry of the surface to be fitted. Please do not hesitate to contact our technical department for assistance on assessing the correct product quantity required.

The **minimum order quantity** is 25 m².

Smaller quantities are to be evaluated upon request. If accepted 300 € will be charged as setup **fixed costs**.

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Yorkville Units, Toronto - Canada
Design: Diamante Development Corporation
Partner: Trends&Trades

Decò / European Walnut Pontigny

ACCESSORIES

STAIR NOSINGS (PROFILE A)

	l	a	b	PRODUCTS	
	1200 mm	190 mm	40 mm	All products	**172,73**

Prices are in €/pc

STAIR NOSINGS (PROFILE B)

	l	a	b	PRODUCTS	
	1200 mm	190 mm	190 mm	All products	**225,63**

Prices are in €/pc

THRESHOLD MOULDINGS

	a	l	PRODUCTS	
	30 mm	1200 mm	All products	**66,01**

Prices are in €/pc

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

These products are manufactured upon request. The delivery time is aprox 30 days from order's confirmation.
For products with dimensions, shapes and colours other than standard, prices and delivery terms will be confirmed from time to time.

The front of "profile A" stair nosings has no surface processing.

The standard elements of stairnosings are not designed to be fitted side by side. If you require this kind of installation please check feasibility, costs and timing with your sale assistant.

These products are an handcrafted product so tolerances are typical of an artisan process.

Stairnosings and reducers have to be installed only glued down, regardless of the type of installation of corresponding wood floor.

LISTONE GIORDANO PLATE

	PRODUCT	
	Aluminium "Listone Giordano" brand plate including flush installation into one of the boards supplied	**69,00**

Prices are in €/pc

GLUE

	PRODUCTS	
	ECOLFIT (environmentally-friendly one-component silane adhesive) - 14 kg tin Average yield: 1,2 Kg/m². It is strictly connected to the conditions of the subfloor.	**7,95** €/Kg
	VINYL ADHESIVE (vinyl adhesive suitable for the joints of floating wood flooring) - 0.5 Kg tin Average yield: 2,5 m²/package	**8,60** €/Pc

MAT UNDERLAYMENT

	PRODUCT	
	Polyethylene mat underlayment for floating floors. Thickness 3 mm. - 15 m² package.	**1,35**

Prices are €/m²

WHITE SKIRTING BOARDS

Profile	Height	Thickness	Length	Pretreated [1]	RAL 9003 white	RAL 9010 white
B1	45 mm	13 mm	2,40 m	-	**4,00**	**4,00**
B1	50 mm	10 mm	2,40 m	-	**4,00**	**4,00**
B2	80 mm	14 mm	2,40 m	**5,50**	-	-
B3	60 mm	16 mm	2,40 m	-	**6,10**	**6,10**
B3	70 mm	10 mm	2,40 m	-	**3,40**	**3,40**
B4	96 mm	16 mm	2,40 m	-	**7,20**	**7,20**
B5	96 mm	16 mm	2,40 m	-	**7,20**	**7,20**
B6	108 mm	16 mm	2,40 m	-	**7,40**	**7,40**
B7	118 mm	16 mm	2,40 m	-	**7,50**	**7,50**
B8	130 mm	16 mm	2,40 m	-	**8,00**	**8,00**

Prices are in €/m

[1] Untreated surface to be finished on site with colour of choice.

NATURAL WOOD SKIRTING BOARDS

Profile	Height	Thickness	Length	Wood types	Oleonature	Invisible Touch
B3	60 mm	16 mm	2,40 m	Oak Erice	**15,90** [1]	-
B3	60 mm	16 mm	2,40 m	Oak Firenze, Siena, Pisa	**12,20**	-
B3	60 mm	16 mm	2,40 m	Oak Cefalù	-	**11,40**
B3	70 mm	10 mm	2,40 m	Oak Città della Pieve	**7,20**	-
B3	70 mm	10 mm	2,40 m	Oak Ostuni, Fiesole, Firenze, Siena	**9,90**	-
B3	70 mm	10 mm	2,40 m	Oak Civita, Tuscania	-	**9,90**
B3	70 mm	10 mm	2,40 m	Oak Pienza, Rapolano, San Gimignano, Montalcino, Bagno Vignoni, Erice	**10,80**	-
B3	70 mm	10 mm	2,40 m	American Walnut	**9,00**	-
B3	70 mm	10 mm	2,40 m	European Walnut	**9,50**	-
B3	70 mm	10 mm	2,40 m	Teak	**9,00**	-

Prices are in €/m

The skirting boards do not feature any surface treatments, except for the Erice Oak version 60x16 mm.

The wood veneer of the skirting board may feature different grain and hue from the related wood flooring material.

It is recommended to use white skirting boards to match Undici and Heritage Monteriggioni and Montesiepi floors.

[1] Supplied with sawn cut effect.

CLEANING AND MAINTENANCE PRODUCTS

	Product yield	€/package
HOUSEHOLD USE		
green Mild detergent, based on surfactants of vegetable origin (obtained from beet, coconut oil, wheat) and completely biodegradable (according to 648/2004 CE regulation), for the cleaning of wooden floors with Xplus2, Naturplus2, Naturplus2 Matt, Mattplus, Invisible Touch and Oleonature finishes.	800 m² / package	**9,95**
vitanova Aqueous emulsion product for protecting wooden floors with Naturplus2 Matt, Mattplus and Invisible Touch finishes. It allows to renew as well the Crystalcare antibacterial protection.	30 m² / package	**39,55**
revivo Natural oil-wax, water-based solution, for conditioning and protecting wooden floors with Oleonature finish. It allows to renew as well the Crystalcare antibacterial protection.	30 m² / package	**27,85**
PROFESSIONAL USE		
plusnovo Product designed to reduce the whitish effect of scratches on the surface of Xplus2, Naturplus2 finished wood floors. Available in various colours.	- (1)	**20,00** 0,25 L
plusnovo matt Product designed to reduce the whitish effect of scratches on the surface of Naturplus2 matt, Mattplus finished wood floors. Available in various colours.	- (1)	**20,00** 0,25 L
ITnovo Specific product to regenerate scratches and small stains on Invisible Touch finished wood floors.	- (1)	**20,00** 0,25 L
renovo Specific product to regenerate scratches and minor stains of Oleonature finished wood floors. Available in various colours.	- (1)	**20,00** 0,25 L
sigilplus Protective product to waterproof the sides and ends of Listone Giordano with Xplus2 finish. Especially recommended for rooms exposed to liquid spillage risks (e.g. kitchen and bathroom).	25 m² / package	**26,35**
puliplus Detergent for removing glue residues and stubborn stains. Apply only on varnished wooden floors.	- (1)	**14,50**
extraclean Strong detergent to remove stubborn dirt from varnished wooden floors.	40 m² / package	**11,60**
revivo pro Natural oil-wax, water-based solution, for extraordinary maintenance of wooden floors with Oleonature finish. It allows to renew as well the Crystalcare antibacterial protection.	30 m² / package	**36,50**

Unless otherwise specified the products are supplied in 1-litre bottles.

(1) These products' yield cannot be quantified according to the m² of the floor.

Please check the technical sheets available on www.listonegiordano.com for information on using the products.

COMPATIBILITY CHART

	HOUSEHOLD USE		PROFESSIONAL USE	
FINISH	CLEANING	PERIODIC MAINTENANCE	EXTRAORDINARY CLEANING AND MAINTENANCE	REPAIR
XPLUS2	GREEN	-	SIGILPLUS PULIPLUS EXTRACLEAN	PLUSNOVO
NATURPLUS2		-	PULIPLUS EXTRACLEAN	PLUSNOVO
NATURPLUS2 MATT		-	PULIPLUS EXTRACLEAN	PLUSNOVO MATT
MATTPLUS		-	PULIPLUS EXTRACLEAN	PLUSNOVO MATT
INVISIBLE TOUCH		VITANOVA	PULIPLUS EXTRACLEAN	ITNOVO
OLEONATURE		REVIVO	REVIVO PRO	RENOVO

outdoor

Listone Giordano

LISTONE GIORDANO MARINE

Listone Giordano Marine is a real double glued down hardwood floor suitable for outdoor application. It integrates a number of patented technologies which stem from Listone Giordano's research and experience in the field of two-layer wood flooring with birch support.
It consists of a Teak top layer and a crossed-fibre birch plywood support, with a total thickness of 12.5 mm. Wood layers are glued together using very high-performance adhesives exceeding JAS type II test requirements (immersion for 2 hours in water at 70° C and subsequent 3-hour exposure to forced ventilation at 60° C in a lab oven).
The board surface features longitudinal grooves that not only enhance the stability of the product, but also ensure excellent non-slip performance in case of wet flooring. With Listone Giordano Marine you can install an outdoor hardwood floor having the same aesthetic features and underfoot feel as a Listone Giordano indoor floor.
Listone Giordano Marine can be also installed indoors, thus allowing you to create seamless surfaces between the inside and outside of a house.
As this solution, unlike raised decking, has no gap below the floor and no interspace between wood boards, cleaning and maintenance operations are extremely easy.

MARINE | TECHNICAL SPECIFICATIONS

outdoor

TOP LAYER: 3.5 mm
SUPPORT THICKNESS: 9 mm
TOTAL THICKNESS: 12.5 mm
SUPPORT: BIRCH PLYWOOD
WEIGHT: 9,4 kg/m²
INSTALLATION: GLUED-DOWN

FINISHES

OUTNATURE	OUTNATURE, the innovative outdoor finishing system with a natural oil base, deeply conditions wood, creating a protective barrier against ageing and cracking. Unlike conventional oils, OUTNATURE does not require sanding during maintenance. With its special formula, OUTNATURE prevents the typical risks of cracking following application of water-based products.
UNFINISHED WOOD	Pre-polished surface ready to be finished on site with specific finishes for outdoor wood installations.

The product is designed for installation on concrete subfloor (screed) detached from the ground (installation on ground subfloor is not allowed).
The information sheet for correct installation and use of Listone Giordano Marine "DK-03 Listone Giordano Marine" can be downloaded from our website www.listonegiordano.com

During product selection we recommend reading the "General information" on page 92 and view the requirements relating to installation, use and maintenance that are available on www.listonegiordano.com

Product features and specifications 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

MARINE

outdoor

	FINISH	140 thickness 12,5 mm top layer 3,5 mm lengths 1200 - 2100 mm	90 thickness 12,5 mm top layer 3,5 mm lengths 800 - 1200 mm
TEAK	Unfinished wood	331,00	311,00
	Outnature [1]	336,00	316,00

Prices are in €/m²

	FINISH	140 thickness 12,5 mm top layer 3,5 mm lengths 800 - 1200 mm
ASH	Unfinished wood	215,60
	Outnature [1]	220,60

Prices are in €/m²

ADHESIVES AND SEALANTS [3]

PRODUCTS	Packages	Indicative yield	
Listone Giordano Marine adhesive	15 kg	1.5 - 1.8 kg/m²	**15,35** €/kg
Primer MF	4 kg	0.6 kg/m²	**47,95** €/kg
Primer KL	1 L	0.06 L/m²	**20,85** €/L
Quarzo	25 kg	1.0 kg/m²	**1,40** €/kg
Sealant for perimeter joints black	600 ml	8,0 m/package with rope made [2]	**21,00** €/pc
Sealant for perimeter joints gray	600 ml	8,0 m/package with rope made [2]	**21,00** €/pc
Rope made of foam material diameter 10 mm	spare	1,0 m/m	**0,80** €/m

The products are supplied in the same **length or mixed lengths**, subject to availability. The supply may include up to 10% of the surface of shorter material than specified.

This product does not feature standard finishing elements. However, customised items may be produced, quotation upon request.

[1] The Outnature finishing system entails application of the first protective layers in the production stage, while an additional layer also having slip-proof properties is applied immediately after laying. The products required for application of the last layer are supplied with the floor and are included in the price shown.

[2] Yield compared to the perimeter linear metres of the floored surface.
The actual yield depends on the free space between the floor and the walls around the floored surface. The yield set out herein refers to an 8-10 mm space.

[3] Adhesives and sealants for application of the floor to the subfloor are an integral part of the system and must be supplied with the floor.

TECHNICAL SPECIFICATIONS page **77**

FINISHES AND MAINTENANCE page **91**

Outdoor / Teak Marine

LISTONE GIORDANO DECKING

Listone Giordano outdoor decking is a raised structure consisting of wooden planks fixed to an aluminium substructure by means of an original and patented mechanical system.
The JuAn® fixing system consists of clips made of a special synthetic material resistant to temperature changes and weathering. It makes it possible to halve the laying times and to perform the various operations without using screwdrivers, nails and screws.
This system is also suitable for wall application.

Outdoor / Decking Ash

PROFILE AND MOUNTING SYSTEM

PROFILE	The exclusive rounded profile is the best solution in terms of comfort, dimensional stability and water drainage from the surface of the floor. The lengthwise notches support quick attachment to the substructure and provide great stability against warping.
CLIPS	The JuAn Clips® in high resistance polyoxymethylene for outdoor use, perfectly anchored to the aluminium substructure, assure perfect tightness of the boards to the substructure. The innovative, fully removable system allows the boards to be removed and replaced for easier installation, inspection and routine maintenance operations.

METAL SUBSTRUCTURE KIT

KIT 40

Fixed height aluminium structure for installation of floors on solid surfaces and waterproofing sheet. It promotes drainage of rainwater parallel to the substructure only.

KIT 50

Fixed height aluminium structure with rubber shims for the installation of floors on solid surfaces. It allows rainwater to drain in all directions.

KIT 60

Fixed height aluminium structure with rubber shims for the installation of floors on solid surfaces. It allows rainwater to drain in all directions.

KIT 118-228

Aluminium structure with adjustable height supports for installation of floors in public or residential premises. It allows rainwater to drain in all directions.

SURFACES

SMOOTH	The smooth surface enhances the natural appearance of wood.
BRUSHED	Brushing enhances the surface of heat-treated wooden floors, highlighting the beauty of the fibres and making it remarkably non-slip.

FINISHES

OUTNATURE	OUTNATURE, the innovative outdoor finishing system with a natural oil base, deeply conditions wood, creating a protective barrier against ageing and cracking. This industrially applied finish protects the whole surface of the boards, including the edges, the ends and downward face. Unlike conventional oils, OUTNATURE does not require sanding during maintenance. Thanks to its special formula, OUTNATURE prevents the risks of cracking, a typical effect of water based products during the summer months and on wood species particularly resistant to moisture absorption such as heat treated ash wood.
UNFINISHED WOOD	Pre-planed surface to be finished on site with specific outdoor wood finishing products.

These products must be applied on raised structures above ground level, in compliance with construction regulations in order to preserve the floor over time. Installation instructions are available in the designated section on www.listonegiordano.com.

During product selection we recommend reading the "General information" on page 96.

Product features and specifications 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.

DECKING ASH 90

outdoor

FONTAINES ASH
HEAT TREATED

Origin: France
Lengths: 1200/1600/2000/2400 mm
Centre distance between boards: 96 mm
Space between boards: 5 mm
Thickness: 21 mm
Weight: 14 kg/m² approx.
Surface: brushed
Substructure centre distance: 400 mm

COMPLETE KITS FOR FIXED HEIGHT FLOORS

		UNFINISHED WOOD	OUTNATURE [2]
KIT 40 fixed height **39 mm**	Fontaines Ash 90 Decking boards	134,50	168,10
	KIT 40 aluminium substructure 90 and JuAn® pre-assembled clips (1.48 pc/m²)	66,50 [1]	66,50 [1]
		201,00	234,60
KIT 50 fixed height **49 mm**	Fontaines Ash 90 Decking boards	134,50	168,10
	KIT 40 aluminium substructure 90 and JuAn® pre-assembled clips (1.48 pc/m²)	66,50 [1]	66,50 [1]
	KIT 50 rubber shims (1.48 pack./m²)	26,40 [1]	26,40 [1]
		227,40	261,00
KIT 60 fixed height **59 mm**	Fontaines Ash 90 Decking boards	134,50	168,10
	KIT 40 aluminium substructure 90 and JuAn® pre-assembled clips (1.48 pc/m²)	66,50 [1]	66,50 [1]
	KIT 60 rubber shims (1.48 pkg/m ²)	35,80 [1]	35,80 [1]
		236,80	270,40

Prices are in €/m²

COMPLETE KITS FOR ADJUSTABLE HEIGHT FLOORS

		UNFINISHED WOOD	OUTNATURE [2]
KIT 118-138 adjustable height **118-138 mm**	Fontaines Ash 90 Decking boards	134,50	168,10
	KIT 118-228 aluminium substructure 90 and JuAn® pre-assembled clips (1.48 pc/m²)	131,40 [1]	131,40 [1]
	Top-Lift® adjustable supports (3 pc/m²)	22,50 [1]	22,50 [1]
		288,40	322,00
KIT 118-228 adjustable height **118-228 mm**	Fontaines Ash 90 Decking boards	134,50	168,10
	KIT 118-228 aluminium substructure 90 and JuAn® pre-assembled clips (1.48 pc/m²)	131,40 [1]	131,40 [1]
	Top-Lift® adjustable supports (3 pc/m²)	22,50 [1]	22,50 [1]
	Top-Lift® adjustable support extensions (12 pc/m²)	9,00 [1]	9,00 [1]
		297,40	331,00

Prices are in €/m²

The products are supplied in mixed lengths subject to availability. Requests for one or more predominant lengths are considered special orders and consequently, if accepted, entail a price increase. Please contact the sales assistant to check availability.

The prices per square metre, as well as quantities per square metre of the substructure and accessories, refer to the gross area covered by the decking, therefore including interspace between boards.

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

[1] Prices per square metre are indicative and were calculated based on an average substructure centre distance of 400 mm. Should one decide to use a shorter centre distance, or for installation sites having complex geometry, the required amount of substructure components might be higher. The substructure components will in any case be invoiced based on the amount actually ordered and delivered and on the unit prices shown on pages 88-89. Please do not hesitate to contact the sales assistants to determine the number of units needed for your specific installation project.

[2] The Outnature finishing system entails application of the first protective layers in the production stage, while an additional layer also having slip-proof properties is applied immediately after laying. The products required for application of the last layer are supplied with the floor and are included in the price shown.

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DECKING ASH 120

outdoor

FONTAINES ASH
HEAT TREATED

Origin: France
Lengths: 1200/1600/2000/2400 mm
Centre distance between boards: 124 mm
Space between boards: 5 mm
Thickness: 21 mm
Weight: 14 kg/m² approx.
Surface: brushed
Substructure centre distance: 400 mm

COMPLETE KITS FOR FIXED HEIGHT FLOORS

		UNFINISHED WOOD	OUTNATURE [2]
KIT 40 fixed height **39 mm**	Fontaines Ash 120 Decking boards	154,00	183,60
	KIT 40 aluminium substructure 120 and JuAn® pre-assembled clips (1.40 pc/m²)	63,20 [1]	63,20 [1]
		217,20	246,80
KIT 50 fixed height **49 mm**	Fontaines Ash 120 Decking boards	154,00	183,60
	KIT 40 aluminium substructure 120 and JuAn® pre-assembled clips (1.40 pc/m²)	63,20 [1]	63,20 [1]
	KIT 50 rubber shims (1.40 pkg/m²)	26,40 [1]	26,40 [1]
		243,60	273,20
KIT 60 fixed height **59 mm**	Fontaines Ash 120 Decking boards	154,00	183,60
	KIT 40 aluminium substructure 120 and JuAn® pre-assembled clips (1.40 pc/m²)	63,20 [1]	63,20 [1]
	KIT 60 rubber shims (1.40 pkg/m ²)	35,80 [1]	35,80 [1]
		253,00	282,60

Prices are in €/m²

COMPLETE KITS FOR ADJUSTABLE HEIGHT FLOORS

		UNFINISHED WOOD	OUTNATURE [2]
KIT 118-138 adjustable height **118-138 mm**	Fontaines Ash 120 Decking boards	154,00	183,60
	KIT 118-228 aluminium substructure 120 and JuAn® pre-assembled clips (1.40 pc/m²)	124,80 [1]	124,80 [1]
	Top-Lift® adjustable supports (3 pc/m²)	22,50 [1]	22,50 [1]
		301,30	330,90
KIT 118-228 adjustable height **118-228 mm**	Fontaines Ash 120 Decking boards	154,00	183,60
	KIT 118-228 aluminium substructure 120 and JuAn® pre-assembled clips (1.40 pc/m²)	124,80 [1]	124,80 [1]
	Top-Lift® adjustable supports (3 pc/m²)	22,50 [1]	22,50 [1]
	Top-Lift® adjustable support extensions (12 pc/m²)	9,00 [1]	9,00 [1]
		310,30	339,90

Prices are in €/m²

The products are supplied in mixed lengths subject to availability. Requests for one or more predominant lengths are considered special orders and consequently, if accepted, entail a price increase. Please contact the sales assistant to check availability.

The prices per square metre, as well as quantities per square metre of the substructure and accessories, refer to the gross area covered by the decking, therefore including interspace between boards.

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

[1] Prices per square metre are indicative and were calculated based on an average substructure centre distance of 400 mm. Should one decide to use a shorter centre distance, or for installation sites having complex geometry, the required amount of substructure components might be higher.

The substructure components will in any case be invoiced based on the amount actually ordered and delivered and on the unit prices shown on pages 88-89. Please do not hesitate to contact the sales assistants to determine the number of units needed for your specific installation project.

[2] The Outnature finishing system entails application of the first protective layers in the production stage, while an additional layer also having slip-proof properties is applied immediately after laying. The products required for application of the last layer are supplied with the floor and are included in the price shown.

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DECKING TEAK 120

outdoor

TEAK

Origin: Indonesia

Lengths: 1200/1500/ 1800/2100/2400 mm

Centre distance between boards: 140 mm

Space between boards: 5 mm

Top layer: 5 mm

Total thickness: 23 mm

Support: birch plywood

Weight: 14 kg/m² approx.

Surface: smooth

Substructure centre distance: 300/400 mm

COMPLETE KITS FOR FIXED HEIGHT FLOORS

		OUTNATURE [2]
KIT 40 fixed height **41 mm**	Decking boards Teak 120	396,70
	KIT 40 aluminium substructure 120 and JuAn® pre-assembled clips (1.92 pc/m²)	86,50 [1]
		483,20
KIT 50 fixed height **51 mm**	Decking boards Teak 120	396,70
	KIT 40 aluminium substructure 120 and JuAn® pre-assembled clips (1.92 pc/m²)	86,50 [1]
	KIT 50 rubber shims (1.92 pkg/m ²)	26,80 [1]
		510,00
KIT 60 fixed height **61 mm**	Decking boards Teak 120	396,70
	KIT 40 aluminium substructure 120 and JuAn® pre-assembled clips (1.92 pc/m²)	86,50 [1]
	KIT 60 rubber shims (1.92 pkg/m ²)	37,70 [1]
		520,90

Prices are in €/m²

COMPLETE KITS FOR ADJUSTABLE HEIGHT FLOORS

		OUTNATURE [2]
KIT 118-138 adjustable height **120-140 mm**	Decking boards Teak 120	396,70
	KIT 118-228 aluminium substructure 120 and JuAn® pre-assembled clips (1.92 pc/m²)	171,00 [1]
	Top-Lift® adjustable supports (4 pc/m²)	30,00 [1]
		597,70
KIT 118-228 adjustable height **120-230 mm**	Decking boards Teak 120	396,70
	KIT 118-228 aluminium substructure 120 and JuAn® pre-assembled clips (1.92 pc/m²)	171,00 [1]
	Top-Lift® adjustable supports (4 pc/m²)	30,00 [1]
	Top-Lift® adjustable support extensions (16 pc/m²)	12,00 [1]
		609,70

Prices are in €/m²

The products are supplied in mixed lengths subject to availability. Requests for one or more predominant lengths are considered special orders and consequently, if accepted, entail a price increase. Please contact the sales assistant to check any availability.

The prices per square metre, as well as quantities per square metre of the substructure and accessories, refer to the gross area covered by the decking, therefore including interspace between boards.

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

[1] Prices per square metre are indicative and were calculated based on an average substructure centre distance of 330 mm. Should one decide to use a shorter centre distance, or for installation sites having complex geometry, the required amount of substructure components might be higher.

The substructure components will in any case be invoiced based on the amount actually ordered and delivered and on the unit prices shown on pages 88-89. Please do not hesitate to contact the sales assistants to determine the number of units needed for your specific installation project.

[2] The Outnature finishing system entails application of the first protective layers in the production stage, while an additional layer also having slip-proof properties is applied immediately after laying. The products required for application of the last layer are supplied with the floor and are included in the price shown.

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DECKING SUBSTRUCTURE FOR FIXED HEIGHT FLOORS

DESCRIPTION	Width	Height	Length	Weight per pc	PRODUCTS	
KIT 40 / 50 / 60	63,6 mm	18 mm	1920 mm	1,56 kg	KIT 40 aluminium substructure 90 and JuAn® pre-assembled clips	**45,10** €/pc
	63,6 mm	18 mm	1984 mm	1,44 kg	KIT 40 aluminium substructure 120 and JuAn® pre-assembled clips	**45,10** €/pc
	62,5 mm	5 mm	430 mm	-	Rubber shims with adhesive (5 pc package)	**16,10** €/pck.
	62,5 mm	10 mm	430 mm	-	Rubber shims with adhesive for KIT 50 (5 pc package)	**17,90** €/pck.
	62,5 mm	20 mm	430 mm	-	Rubber shims with adhesive for KIT 60 (5 pc package)	**24,20** €/pck.

SPACERS AND JOISTS FOR SPECIAL APPLICATIONS

DESCRIPTION	Width	Height	Length	PRODUCTS	
	60 mm	21 mm	from 1600 to 3000 mm	Joists in heat treated Ash class IV	**9,20** €/m
	60 mm	42 mm	from 2000 to 3000 mm	Joists in class III Larch	**8,40** €/m

Le quantità consigliate per metro quadro sono riportate per i singoli prodotti nelle rispettive pagine (pagine 84-86). Tali quantità sono riferite a una posa con l'interasse indicato e a campi di posa aventi geometria regolare. In caso di diverso interasse di posa, o di geometria complessa del campo di posa, le quantità devono essere opportunamente ricalcolate. Gli assistenti commerciali sono a disposizione per determinare le quantità di prodotto necessarie in funzione dello specifico progetto di posa.

Tutti i prodotti complementari possiedono le caratteristiche di idoneità per le applicazioni all'esterno.
Le prescrizioni relative alla posa sono accessibili nella sezione dedicata del sito www.listonegiordano.com.

DECKING SUBSTRUCTURE FOR ADJUSTABLE HEIGHT FLOORS

DESCRIPTION	Width	Height	Length	Weight	PRODUCTS	
SUBSTRUCTURE KIT 118-228	63,6 mm	62 mm	1920 mm	3,64 kg	Reinforced aluminium substructure 90 and JuAn® pre-assembled clips	**89,10** €/pc
	63,6 mm	62 mm	1984 mm	3,56 Kg	Reinforced aluminium substructure 120 and JuAn® pre-assembled clips	**89,10** €/pc
Top-Lift® ADJUSTABLE SUPPORTS		35-55 mm		-	Top-Lift® supports for reinforced aluminium substructure with adjustable height (20 pc/pck). The adjustment spacer can be increased by means of mounting/fixing up to a maximum of 3 pairs of extensions.	**150,00** €/pck
EXTENSIONS		45 mm		-	45 mm extensions for Top-Lift® adjustable height supports (40 pc/pck).	**30,00** €/pck
TOP LINK	75 mm	5 mm	115 mm	-	Element to connect the substructure	**2,80** €/pc
TOP CUBE	77 mm	61,5 mm	78,5 mm	-	Support to fix the finishing elements	**19,80** €/pc

PERIMETER BASE BOARDS [1]

DESCRIPTION	Width	Thickness	Length	PRODUCTS
	42 mm	19/21 mm	from 1200 to 3000	Fontaines Ash, Teak
	52 mm	19/21 mm	from 1200 to 3000	Fontaines Ash, Teak
	62 mm	19/21 mm	from 1200 to 3000	Fontaines Ash, Teak
	90/135 mm	19/21 mm	from 1200 to 3000 mm	Corner mouldings in Fontaines Ash, Teak
	250 mm	38 mm	from 1600 to 2400 mm	Thresholds and steps in Fontaines Ash

The recommended quantities per square metre for the individual products are provided in the relevant pages (pages 88-89). These quantities refer to installation with the indicated centre distance and to regular laying geometry. Different laying centre distance or complex geometrical installation sites require new calculations. Please do not hesitate to contact the sales assistants to determine the number of units needed for your specific installation project.

[1] The perimeter finishing items are special products and are made to order according to the customer's design needs. Please contact the sales assistants for prices, delivery terms and availability.
These products are handcrafted and the tolerances typical of hand crafting should therefore be taken into account.

All accessories have the suitable features for outdoor applications. Installation instructions are available in the designated section on www.listonegiordano.com.

FASTENING SYSTEMS

DESCRIPTION	Width	Height	Length	PRODUCTS	
	25 mm	6 mm	58 mm	JuAn® clips to be assembled	**0,90** €/pc
	25 mm	6 mm	58 mm	JuAn® clips flat lower surface without spacers to be screwed	**0,70** €/pc
	12,5 mm	6 mm	58 mm	Half JuAn® clip for perimeter finishing, to be assembled on aluminium substructure	**1,00** €/pc
	90/120 mm	4 mm	120 mm	Pair of tools to remove 90/120 mm wide boards [1]	**99,50** €/pc
	135/145 mm	4 mm	120 mm	Pair of tools to remove 135/145 wide mm boards [1]	**84,60** €/pc
	-	-	-	Assembly bracket for aluminium substructure	**3,80** €/pc
	-	-	-	Steel M8 bolt for side flute 20 mm (100 pc pkg)	**126,00** €/pck.
	-	-	-	Steel M8 nut for side flute (100 pc pkg)	**38,30** €/pck.
	-	-	-	Steel M6 bolt for lower flute 12 mm (100 pc pkg)	**116,50** €/pck.
	-	-	-	Steel M6 nut for lower flute (100 pc pkg)	**26,10** €/pck.
	-	-	-	Steel screw for flat clip fastening TF M5/12 mm stainless A2 (200 pc pkg)	**22,10** €/pck.

[1] The tools for removing the mounting system are not included when purchasing an outdoor floor. It is therefore recommended to buy a pair of tools for removing the mounting system at each confirmed order.
The video tutorials of installation on-site of the outdoor flooring and removal of the mounting system are available on www.listonegiordano.com.

FINISHES AND MAINTENANCE PRODUCTS

	Product yield	€/package
thermowood special outdoor oil Special oil for heat treated Ash floors. It makes surfaces water repellent and stain resistant.	11 m² / package [1]	**39,10** L. 0,75
	37 m² / package [1]	**119,10** L. 2,50
special teak outdoor oil Special transparent oil for flooring in Teak. It makes surfaces water repellent and stain resistant.	11 m² / package [1]	**39,10** L. 0,75
	37 m² / package [1]	**119,10** L. 2,50
special grey outdoor oil Special grey oil for wooden floors. It makes surfaces water repellent and stain resistant.	11 m² / package [1]	**50,10** L. 0,75
	37 m² / package [1]	**142,60** L. 2,50
outdoor Cleaner Detergent for outdoor, cleans thoroughly, quickly, gently and without odour.	50 m² / package	**22,50** L. 1,00
	125 m² / package	**45,50** L. 2,50
power-Gel wood anti-greying Cleans and freshens wood surfaces that have been greyed by the sun. The product is odourless and biodegradable.	20 m² / package	**31,10** L. 1,00
	50 m² / package	**71,90** L. 2,50
paraffin Water-based sealer to protect the ends and parts of the floor cut on-site.	25 m² / package	**25,30** L. 0,50
anti-slip deck oil The colorless oil has an anti-slip effect, compatible with most types of outdoor oil. To be applied as the final coat.	11 m² / package	**43,20** L. 0,75
	37 m² / package	**134,60** L. 2,50

COMPATIBILITY CHART

FINISH	PERIODIC MAINTENANCE	CLEANING SURFACES	RESTORING SURFACES	AGED
Ash OUTNATURE	Thermowood special outdoor oil	outdoor Cleaner	Power-Gel wood anti-greying	
Teak OUTNATURE	Special Teak outdoor oil	outdoor Cleaner	Power-Gel wood anti-greying	

[1] Average yield referring to one coat application. It is recommended to apply two coats of the finishing treatment on site.

WOOD FOR OUTDOOR USE: LIVING MATERIAL

Wood is a "living" material subject by its very nature to changes due to environmental factors such as air temperature and moisture, sunlight and weathering.

HARDNESS
The individual hardness features of all wood species processed to manufacture the parquet products herein make them suitable for hardwood flooring. However surface dents or marks may occur in even the hardest of woods, if the hardwood floor undergoes impacts, is hit by falling objects, or is loaded with highly concentrated weight (stiletto heels, ladders, etc.).

LOOSE KNOTS AND WORMHOLES
All wood floor surfaces may feature knots and small holes (wormholes) either open or filled.

COLOUR
Long exposure to sunlight and weathering leads to a progressive colour change and regardless of the initial colour, wood will tend to turn grey. This is a natural and inevitable phenomenon on wood for outdoor use. The more intense the UV exposure, the more quickly will the change occur, but the colour alteration only affects the surface of the wood and has no effect on its mechanical and structural features.

WEATHER CONDITIONS
Wood is a living material and as such, it reacts and adapts to changes in temperature and moisture, which may lead to small fissures forming over time. This phenomenon may be more significant if the floor is exposed to extreme air dryness or moisture or to sudden weather changes.

SAMPLES
Wood is a natural material, uneven and variegated by its very nature: every item is unique and unrepeatable. Therefore samples consisting of few boards can only provide a general idea of what a parquet will look like and cannot fully show the different hues, grains and unique features.
As mentioned above, wood colour tends to change over time, due to exposure to light and air. That is why a recently installed wood floor typically features a different appearance and hue compared to a sample panel of the same product which has been exposed to natural light for some time.

MAINTENANCE
Maintenance of a wood floor is quite straightforward, yet it is essential for perfect preservation over time. That is why we strongly recommend to follow the instructions available for downloading from www.listonegiordano.com.