PRICE LIST 2021 classica atelier outdoor





SIGN YOUR WOOD FLOOR WITH LISTONE GIORDANO ALUMINIUM PLATE

Listone Gordano

(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, 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



"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.



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

Formaldehyde emissions.

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



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



TÜV Proficert-Product Interior It certifies that Listone Giordano 2-layer wood floors guarantee compliance with health and

quality criteria selected by TÜV Hessen. A voluntary certification specifically developed for construction products intended for indoor application.



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



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.



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

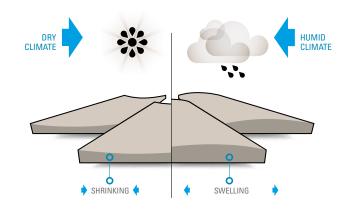
Oak boards sourced from a perfectly radial section of the log feature straight grain as well as ray flecks, typical lustrous figures even called silver grain.

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%.

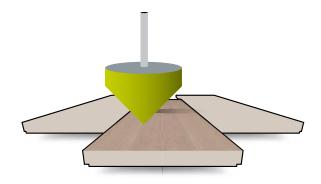
This range also coincides with the optimal conditions for people's well-being. These climatic conditions should be maintained during installation as well as afterwards, including when the premises are not in use.

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.

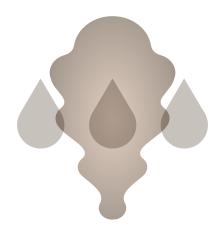
FISSURES

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.



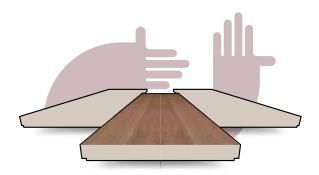
VARNISHES

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.



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.

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

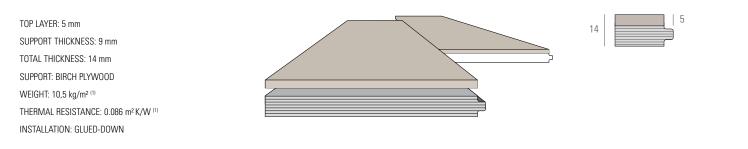
Instructions for correct use and maintenance of the wood flooring are available in the specific section of www.listonegiordano.com containing the technical sheets. We recommend checking it when selecting the product.

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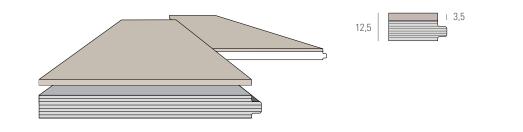
TECHNICAL SPECIFICATIONS

plank 230 - 190 - 140



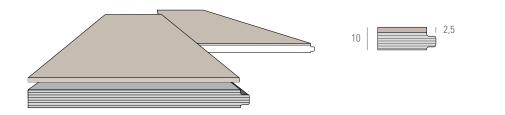
listone 190 - 140

TOP LAYER: 3.5 mm SUPPORT THICKNESS: 9 mm TOTAL THICKNESS: 12.5 mm SUPPORT: BIRCH PLYWOOD WEIGHT: 9,4 kg/m^{2 (1)} THERMAL RESISTANCE: 0.077 m² K/W ⁽¹⁾ INSTALLATION: GLUED-DOWN



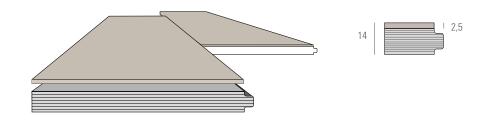
prima 190 - 140

TOP LAYER: 2.5 mm SUPPORT THICKNESS: 7.5 mm TOTAL THICKNESS: 10 mm SUPPORT: BIRCH PLYWOOD WEIGHT: 7.6 kg/m^{2 (1)} THERMAL RESISTANCE: 0.062 m² K/W ⁽¹⁾ INSTALLATION: GLUED-DOWN



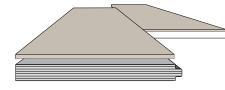
prima flottante 190 - 140





listone 90

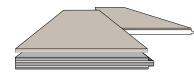






corona 70

TOP LAYER: 3.5 mm SUPPORT THICKNESS: 5.5 mm TOTAL THICKNESS: 9 mm SUPPORT: BIRCH PLYWOOD WEIGHT: 6,9 kg/m^{2 (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

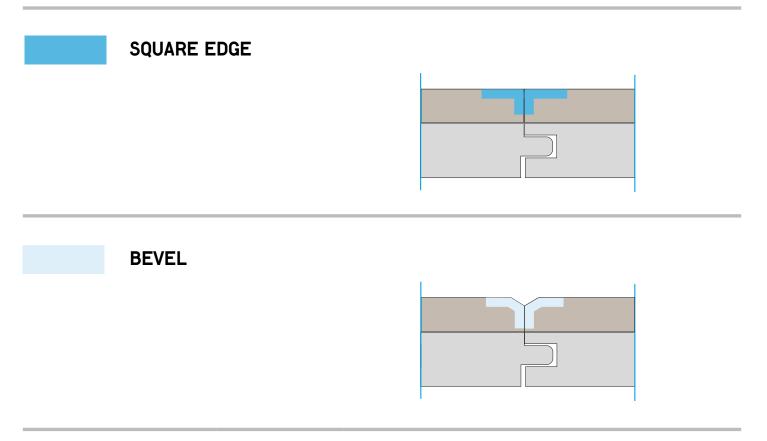
XPLUS2 CRYSTALCARC	High-resistance solvent-free varnish coating with a refined satin appearance. This finish features the anti-bacterial Crystalcare technology.
NATURPLUS2	Solvent-free varnish coating, which emphasizes the wood's grain and authenticity. This finish features the anti-bacterial Crystalcare technology.
NATURPLUS2 MATT	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.
CRYSTALCARC	Solvent-free varnish coating similar to an untreated surface in appearance and colour. This finish features the anti-bacterial Crystalcare technology.
INVISIBLE TOUCH	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

Elite	Mixed grain, essentially even colour in connection with the typical features of the species. Possible small knots in some boards.
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.
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



OAK



REGULAR INSTALLATI	ON	top layer total thickness width lenght	Plank 230 5 mm 14 mm 230 mm 1500-2400 mm	Plank 190 5 mm 14 mm 190 mm 1500-2400 mm	Plank 140 5 mm 14 mm 140 mm 1200-2100 mm	Listone 190 3,5 mm 12,5 mm 190 mm 1500-2400 mm
	Naturplus	Fibramix	204,82	183,08	157,32	157,32
		Country	166,98	149,39	134,55	134,55
	Mattplus	Fibramix	209,30	187,57	161,81	161,81
	·	Country	171,47	153,87	139,04	139,04
	Invisible Touch	Fibramix	213,33	191,59	165,83	165,83
		Country	175,49	157,90	143,06	143,06
	Oleonature	Fibramix	207,35	185,61	159,85	159,85
		Country	169,51	151,92	137,08	137,08

VARIANTS AND CUSTOMIZATIONS

Square edge	Available in Plank (140,190 and 230) and Listone (140 and 190).
Floating installation	Available for floating installation in Listone (140 and 190) with 15 mm thickness.
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.

TECHNICAL INFORMATION page



CLEANING AND MAINTENANCE



Listone 140 3,5 mm 12,5 mm 140 mm 1200-2100 mm	Prima 190 2,5 mm 10 mm 190 mm 1500-2100 mm	Prima 140 2,5 mm 10 mm 140 mm 1500-1800 mm	Prima 140 smart 2,5 mm 10 mm 140 mm 800-1200 mm	Prima flottante 190 2,5 mm 14 mm 190 mm 1500 and 1800 mm	Prima flottante 140 smart 2,5 mm 14 mm 140 mm 1200 mm	Listone 90 3,5 mm 11 mm 90 mm 600-1200 mm	Corona 70 3,5 mm 9 mm 70 mm 490 and 600 mm
139,38	138,12	119,14	112,70	143,87	118,45	110,40	84,76
119,26	118,11	102,12	97,64	123,86	103,39		
143,87	142,60	123,63	117,19	148,35	122,94	114,88	89,24
123,74	122,59	106,61	102,12	128,34	107,87		
147,89	146,63	127,65	121,21	152,38	126,96	118,91	89,21
127,77	126,62	110,63	106,15	132,37	111,90		
141,91	140,65	121,67	115,23	146,40	120,98	112,93	87,29
121,79	120,64	104,65	100,17	126,39	105,92		

Prices are in €/m²

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.

square edge

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

⁽¹⁾ Limited availability.

OAK



ITALIAN HERRINGBO	NE (90º)	top layer total thickness width lenght	Plank 230	Plank 190	Plank 140	Listone 190
PURO	Naturplus2	Fibramix				
		Country				
	Mattplus	Fibramix				
	Matiplus	Country				
	Invisible Touch	Fibramix				
		Country				
	Oleonature	Fibramix				
		Country				

VARIANTS AND CUSTOMIZATIONS

Square edge	Available in Listone 140.
Xplus2	Available in Corona 70 and Listone 90.
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.

TECHNICAL INFORMATION

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ACCESSORIES

CLEANING AND MAINTENANCE



Listone 140 3,5 mm 12,5 mm 140 mm 890 and 1200 mm	Prima 190	Prima 140	Prima 140 smart	Prima flottante 190	Prima flottante 140 smart	Listone 90 3,5 mm 11 mm 90 mm 590 and 800 mm	Corona 70 3,5 mm 9 mm 70 mm 490 and 600 mm
156,29 ⁽¹⁾						127,31 ⁽¹⁾	84,76
136,16 ⁽¹⁾							
160,77 ⁽¹⁾						131,79 ⁽¹⁾	89,24 ⁽¹⁾
140,65 ⁽¹⁾							
164,80(1)						135,82 ⁽¹⁾	93,27 ⁽¹⁾
144,67 ⁽¹⁾							
158,82 ⁽¹⁾						129,84 ⁽¹⁾	87,29 ⁽¹⁾
138,69 ⁽¹⁾							

Prices are in €/m²



OAK



CHEVRON PATTERN (60°)	top layer total thickness width lenght	Plank 230	Plank 190	Plank 140	Listone 190
PURO	Naturplus2	Fibramix				
		Country				
	Mattplus	Fibramix				
		Country				
	Invisible Touch	Fibramix				
		Country				
	Oleonature	Fibramix				
		Country				

VARIANTS AND CUSTOMIZATIONS

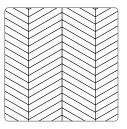
Square edge	Available in Listone 140.
Other formats	It may be customized in other lengths, widths, thickness and angles.

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.

TECHNICAL INFORMATION



CLEANING AND MAINTENANCE



Listone 140 3,5 mm 12,5 mm 140 mm 835 mm	Prima 190	Prima 140	Prima 140 smart	Prima flottante 190	Prima flottante 140 smart	Listone 90 3,5 mm 11 mm 90 mm 540 mm	Corona 70
185,61						152,26	
162,50							
190,79						157,44	
167,67							
195,39						162,15	
172,27							
188,60						155,25	
165,37							

Prices are in €/m²



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

OAK MICHELANGELO

CANNELLA	MARINDO	TORTORA	TESTA DI MORO	SETA	BIA	NCOSPINO
REGULAR INSTALLATIO	ON	top layer total thickness width lenght	Plank 230 5 mm 14 mm 230 mm 1500-2400 mm	Plank 190 5 mm 14 mm 190 mm 1500-2400 mm	Plank 140 5 mm 14 mm 140 mm 1200-2100 mm	Listone 190 3,5 mm 12,5 mm 190 mm 1500-2400 mm
CANNELLA, TAMARINDO,	Naturplus2 Matt (1)	Fibramix	214,59	192,86	167,10	167,10
TORTORA, TESTA DI MORO, SETA, BIANCOSPINO, MONTBLANO CASHMERE, BIANCO ASSOLUTO		Country	176,76	159,16	144,33	144,33
BIANCOSPINO, MONTBLANC	Oleonature	Fibramix	220,80	199,07	173,31	173,31
		Country	182,97	165,37	150,54	150,54

VARIANTS AND CUSTOMIZATIONS

Square edge	Available in Plank (140,190 and 230) and Listone (140 and 190).
Floating installation	Available for floating installation in Listone (140 and 190) with 15 mm thickness.
Specific lengths	Supply of specific lenghts required by the client.

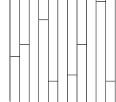
Each customized version is to be individually quoted, according to the product, type of customization and the requested quantity. Please get in contact with the sales assistants.

TECHNICAL INFORMATION



CLEANING AND MAINTENANCE

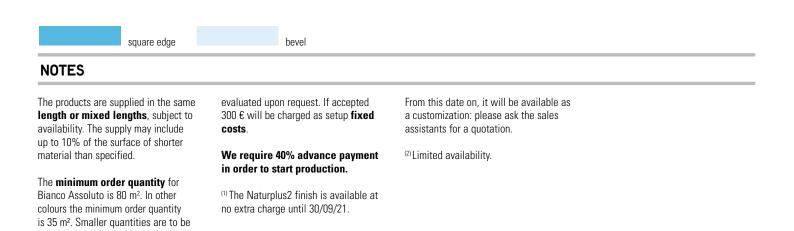
MONTBLANC	CASHMERE	



Listone 140	Prima 190	Prima 140	Prima 140 smart	Prima flottante 190	Prima flottante 140 smart	Listone 90	Corona 70	
3,5 mm 12,5 mm 140 mm 1200-2100 mm	2,5 mm 10 mm 190 mm 1500-2100 mm	2,5 mm 10 mm 140 mm 1500-1800 mm	2,5 mm 10 mm 140 mm 800-1200 mm	2,5 mm 14 mm 190 mm 1500 and 1800 mm	2,5 mm 14 mm 140 mm 1200 mm	3,5 mm 11 mm 90 mm 600-1200 mm	3,5 mm 9 mm 70 mm 490 and 600 mm	
149,16	147,89	128,92	122,48	153,64	128,23	125,12	99,48	
129,03	127,88	111,90	107,41	133,63	113,16			

149,16	154,10	135,13	128,69	131,21
135,24	134,09	118,11	113,62	

Prices are in €/m²



OAK MICHELANGELO

CANNELLA	ORTORA	SETA	BIANCOSPINO		MONTBLANC	
ITALIAN HERRINGB	ONE (90º)	top layer total thickness width lenght	Plank 230	Plank 1	90 Plank 140	Listone 190
CANNELLA, TORTORA, SETA, BIANCOSPINO, MONTBLANC	Naturplus2 Matt ⁽¹⁾	Fibramix Country				
BIANCOSPINO, MONTBLANC	Oleonature	Fibramix Country				

VARIANTS AND CUSTOMIZATIONS

Other formats

Available in Listone 140.

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.

TECHNICAL INFORMATION

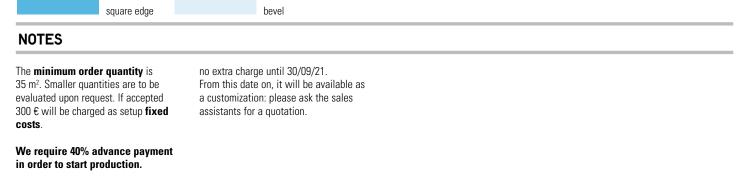


CLEANING AND MAINTENANCE



Listone 140	Prima 190	Prima 140	Prima 140 smart	Prima flottante 190	Prima flottante 140 smart	Listone 90	Corona 70
3,5 mm 12,5 mm 140 mm 890 and 1200 mm						3,5 mm 11 mm 90 mm 590 and 800 mm	3,5 mm 9 mm 70 mm 490 and 600 mm
166,06						142,03	99,48
145,94							
172,27						148,12	
152,15							

Prices are in €/m²



⁽¹⁾The Naturplus2 finish is available at

OAK MICHELANGELO

CANNELLA TORTORA		SETA	BIANCOSPINO		MONTBLANC		
CHEVRON PATTERN (60°)	top layer total thickness width lenght	Plank 230	Plan	k 190	Plank 140	Listone 190
CANNELLA, TORTORA, SETA,	Naturplus2 Matt ⁽¹⁾	Fibramix					
BIANCOSPINO, MONTBLANC		Country					
BIANCOSPINO, MONTBLANC	Oleonature	Fibramix					
		Country					

VARIANTS AND CUSTOMIZATIONS

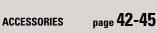
Other formats

Available in Listone 140.

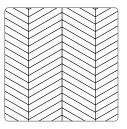
It may be customized in other lengths, widths, thickness and angles.

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.

TECHNICAL INFORMATION



CLEANING AND MAINTENANCE



Listone 140 3,5 mm 12,5 mm 140 mm 835 mm	Prima 190	Prima 140	Prima 140 smart	Prima flottante 190	Prima flottante 140 smart	Listone 90 3,5 mm 11 mm 90 mm 540 mm	Corona 70
196,88						169,28	
173,77							
204,01						176,30	
180,90							

Prices are in €/m²



OAK GRISAGLIE

GRIGIO MARINO	GRIGIO DI LUNA	GRIGIO ARGILLA	GRIGIO DEI CAI	LANCHI	GRIGIO B	RETONE	GRIG	GIO DOLOMITE
REGULAR INSTAL	LATION	top layer total thickness width lenght	Plank 230 5 mm 14 mm 230 mm 1500-2400 mm	Plank 5 mm 14 mm 190 mm 1500-24		Plank 140 5 mm 14 mm 140 mm 1200-2100 mm		Listone 190 3,5 mm 12,5 mm 190 mm 1500-2400 mm
ALL THE COLORS Naturplus2 Matt		Fibramix	218,04	1	96,31	170,55		170,55
		Country	180,21	1	62,61	147,78		147,78

VARIANTS AND CUSTOMIZATIONS

Bevel

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.

TECHNICAL INFORMATION

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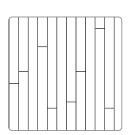


CLEANING AND MAINTENANCE

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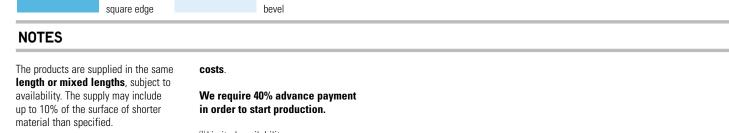
26





Listone 140	Prima 190	Prima 140	Prima 140 smart	Prima flottante 190	Prima flottante 140 smart	Listone 90	Corona 70
3,5 mm 12,5 mm 140 mm 1200-2100 mm	2,5 mm 10 mm 190 mm 1500-2100 mm	2,5 mm 10 mm 140 mm 1500-1800 mm	2,5 mm 10 mm 140 mm 800-1200 mm			3,5 mm 11 mm 90 mm 600-1200 mm	3,5 mm 9 mm 70 mm 490 and 600 mm
152,61	151,34	132,37	125,93			125,12	99,48
132,48	131,33	115,35	110,86				

Prices are in €/m²



The **minimum order quantity** is 35 m². Smaller quantities are to be evaluated upon request. If accepted 300 ${\ensuremath{\varepsilon}}$ will be charged as setup <code>fixed</code>

in order to start production.

⁽¹⁾Limited availability.

OAK GRISAGLIE



VARIANTS AND CUSTOMIZATIONS

Bevel

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.

TECHNICAL INFORMATION

page 10-13



CLEANING AND MAINTENANCE





Listone 140	Prima 190	Prima 140	Prima 140 smart	Prima flottante 190	Prima flottante 140 smart	Listone 90	Corona 70
3,5 mm 12,5 mm 140 mm 890 and 1200 mm						3,5 mm 11 mm 90 mm 590 and 800 mm	3,5 mm 9 mm 70 mm 490 and 600 mm
169,51						142,03	99,48
149,39							

Prices are in €/m²

bevel

NOTES

The **minimum order quantity** is 35 m^2 . Smaller quantities are to be evaluated upon request. If accepted $300 \notin$ will be charged as setup **fixed** costs.

square edge

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

OAK GRISAGLIE

GRIGIO MARINO	GRIGIO DI LUNA	GRIGIO ARGILLA	GRIGIO DEI CA	ALANCHI GRI	GIO BRETONE	GRIGIO DOLOMITE
CHEVRON PATTE	RN (60°)	top layer total thickness width lenght	Plank 230	Plank 190	Plank 140	Listone 190
ALL THE COLORS	Naturplus2 Matt	Fibramix				
		Country				

VARIANTS AND CUSTOMIZATIONS

Bevel

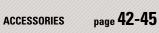
Other formats

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.

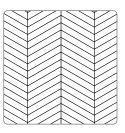
TECHNICAL INFORMATION

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CLEANING AND MAINTENANCE





Listone 140	Prima 190	Prima 140	Prima 140 smart	Prima flottante 190	Prima flottante 140 smart	Listone 90	Corona 70
3,5 mm 12,5 mm 140 mm 835 mm						3,5 mm 11 mm 90 mm 540 mm	
200,91						169,28	
177,68							

Prices are in €/m²

bevel

NOTES

The **minimum order quantity** is 35 m^2 . Smaller quantities are to be evaluated upon request. If accepted $300 \notin$ will be charged as setup **fixed** costs.

square edge

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

COMPLEMENTARY WOOD SPECIES

CABREUVA KM 31	IROKO	ТЕАК	AMERICAN W	VALNUT DOUSS	SIÉ	JATOBA
REGULAR INSTALL	ATION	top layer total thickness width lenght	Plank 230 5 mm 14 mm 230 mm 1500-2400 mm	Plank 190 5 mm 14 mm 190 mm 1500-2400 mm	Plank 140 5 mm 14 mm 140 mm 1200-2100 mm	Listone 190 3,5 mm 12,5 mm 190 mm 1200-2100 mm
CABREUVA KM 31	Xplus2	Fibramix				
	Oleonature	Fibramix	272,32			
IROKO	Naturplus2	Fibramix Country				
TEAK	Naturplus2	Fibramix				263,70 ⁽²⁾⁽⁵⁾
	Invisible Touch	Fibramix				272,21 ⁽²⁾⁽⁵⁾
	Oleonature	Fibramix				266,23 (2)(5)
AMERICAN WALNUT	Invisible Touch	Unica				206,54 ⁽²⁾
	Oleonature	Unica				200,56 ⁽²⁾
DOUSSIE'		Fibramix		183,08 (1)(8)		
	Naturplus2	Country				
JATOBA	Naturplus2	Fibramix				
MORADO	Xplus2	Fibramix				
WENGE	Invisible Touch	Fibramix		255,53 ⁽¹⁾⁽²⁾		
	Oleonature	Fibramix		249,55 ⁽¹⁾⁽²⁾		

VARIANTS AND CUSTOMIZATIONS

Italian Herringbone (90°)

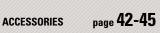
Chevron pattern (60°)

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.

TECHNICAL INFORMATION



CLEANING AND MAINTENANCE





Listone 140	Prima 190	Prima 140	Prima 140 smart	Prima flottante 190	Prima flottante 140 smart	Listone 90	Corona 70
3,5 mm 12,5 mm 140 mm 1000-1800 mm	2,5 mm 10 mm 190 mm 1200-2100 mm	2,5 mm 10 mm 140 mm 1000-1800 mm	2,5 mm 10 mm 140 mm 800-1200 mm			3,5 mm 11 mm 90 mm 490-1200 mm	3,5mm 9mm 70mm 350-600mm
180,89 (4)						172,39 ⁽¹⁾	
213,90	216,09	188,60				172,39 ⁽¹⁾⁽⁷⁾	
158,35 ⁽⁴⁾						131,22	

220,46 ⁽³⁾⁽⁶⁾		172,04
228,97 ⁽³⁾⁽⁶⁾		180,55
222,99 ⁽³⁾⁽⁶⁾		174,57
186,76 ⁽³⁾		152,95
180,78 ⁽³⁾ 176,76 ⁽²⁾		146,97
	129,95 ⁽¹⁾	88,32

148,25 ⁽¹⁾			
158,36 ⁽¹⁾⁽³⁾			
			110,40
204,59 ⁽¹⁾	167,10 ⁽¹⁾	151,57	112,36

204,59 (1)	167,10 ⁽¹⁾	151,57	112,36
198,61 ⁽¹⁾	161,12 (1)	145,59	106,38

Prices are in €/m²

square edge	bevel	
NOTES		
The products are supplied in the same length or mixed lengths , subject to	⁽²⁾ It may be supplied 180 mm wide instead of 190 mm, subject to	⁽⁵⁾ Lenghts 1500-2400 mm.
availability. The supply may include up to 10% of the surface of shorter	availability.	⁽⁶⁾ Lenghts 1200-2100 mm.
material than specified.	⁽³⁾ It may be supplied 130 mm wide instead of 140 mm, subject to	⁽⁷⁾ Lenghts 490-1000 mm.
We require 40% advance payment	availability.	⁽⁸⁾ Width 183 mm, total thickness
in order to start production.	(4) Lenghts 800-1200 mm.	15,5 mm, top layer 4,5 mm.
⁽¹⁾ Limited availability.	-	

CUSTOM+



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



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



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

CUSTOM+



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



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

classica



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



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

CUSTOM+

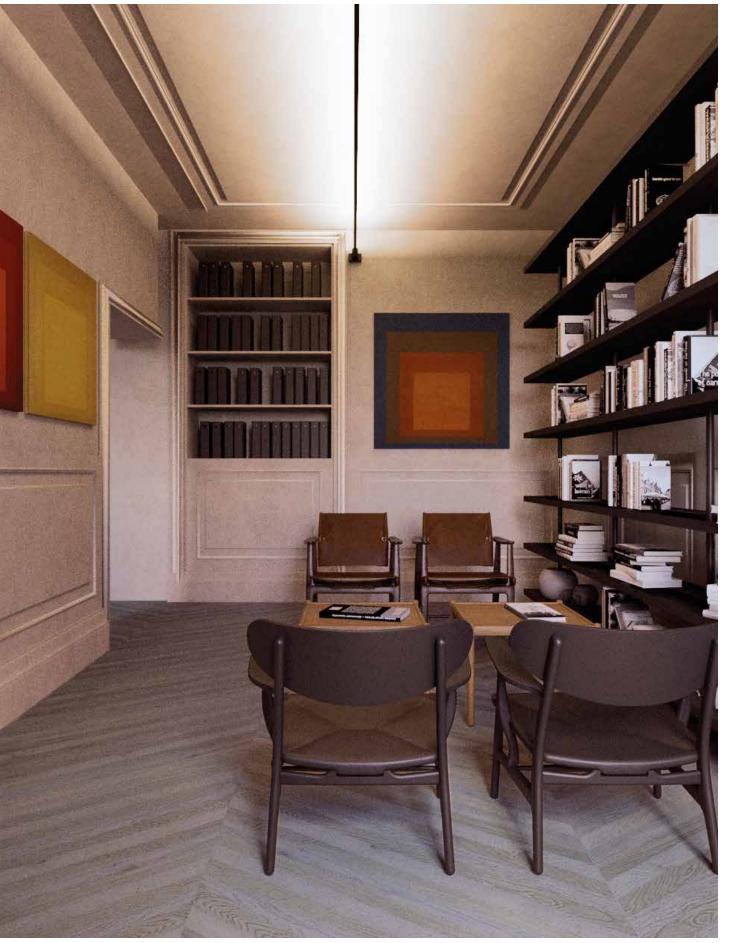


Atmosfera New York | PATTERN OTTI | Listone+ 55 Grigio Marino, Grigio Porfido design: Marco Carini



Atmosfera Stochkolm | PATTERN LUCIA | Spina+ 90 Grigio Marino, Grigio di Luna design: Marco Carini

classica



Atmosfera Stochkolm | PATTERN WALTER | Ungheria+ 55 Grigio Marino, Grigio di Luna design: Marco Carini

CUSTOM+

TORTORA	TESTA DI MORI	0	SETA	CASHMERE		MONTBLAN	IC	GRIGIO MA	RINO
PATTERN									
ALMA Listone+ 90x590	MARCEL Listone+ 90x1200 Listone+ 90x380		_SE istone+ 90x1200	ANNI Listone+ 90x1200 Listone+ 55x890 Listone+ 55x590	Li	UL istone+ 90x1 istone+ 90x9		OSKAR Listone+ 55x Listone+ 55x	
				Listone+ 120	Listone+	90 L	istone+ 90	Listone	e+ 90
LISTONE+			top layer	3,5 mm	3,5 mm	3,	5 mm	3,5 mm	
			total thickness width lenght	12,5 mm 120 mm 1200 mm	12,5 mm 90 mm 1200 mm	90	2,5 mm) mm)80 mm	12,5 mm 90 mm 900 mm	
SETA, CASHMERE, MONT GRIGIO MARINO, GRIGIO I	BLANC, DI LUNA,	us 2 Matt	width	120 mm	90 mm	90 10) mm	90 mm 900 mm	47,25
SETA, CASHMERE, MONT GRIGIO MARINO, GRIGIO I	BLANC, DI LUNA,	us 2 Matt	width lenght	120 mm 1200 mm 151,34	90 mm 1200 mm 147	90 10 7,25) mm 180 mm	90 mm 900 mm	47,25
TORTORA, TESTA DI MOR SETA, CASHMERE, MONT GRIGIO MARINO, GRIGIO I GRIGIO BRETONE, GRIGIO SPINA+ Italian Herringbone (90°)	BLANC, DI LUNA, PORFIDO.	us 2 Matt	width lenght	120 mm 1200 mm	90 mm 1200 mm	90 10 7,25) mm 180 mm	90 mm 900 mm	47,25
SETA, CASHMERE, MONT GRIGIO MARINO, GRIGIO I GRIGIO BRETONE, GRIGIO SPINA+ Italian Herringbone (90°)	BLANC, DI LUNA, PORFIDO.	us 2 Matt	width lenght	120 mm 1200 mm 151,34 Spina+ 90 3,5 mm 12,5 mm 90 mm	90 mm 1200 mm 147 Spina+ 9 3,5 mm 12,5 mm 90 mm	90 10 2,25) mm 180 mm	90 mm 900 mm	47,25
SETA, CASHMERE, MONT GRIGIO MARINO, GRIGIO I GRIGIO BRETONE, GRIGIO SPINA+	BLANC, DI LUNA, PORFIDO.		width lenght Fibramix	120 mm 1200 mm 151,34 Spina+ 90 3,5 mm 12,5 mm 90 mm 900 mm 152,37	90 mm 1200 mm 147 Spina+ 9 3,5 mm 12,5 mm 90 mm 380 mm	90 10 2,25) mm 180 mm	90 mm 900 mm	47,25
SETA, CASHMERE, MONT GRIGIO MARINO, GRIGIO I GRIGIO BRETONE, GRIGIO SPINA+ Italian Herringbone (90°)	BLANC, DI LUNA, PORFIDO.		width lenght Fibramix	120 mm 1200 mm 151,34 Spina+ 90 3,5 mm 12,5 mm 90 mm 900 mm	90 mm 1200 mm 147 Spina+ 9 3,5 mm 12,5 mm 90 mm 380 mm	90 10 2,25) mm 180 mm	90 mm 900 mm	47,25

TECHNICAL INFORMATION page

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ACCESSORIES page 42-45

CLEANING AND MAINTENANCE

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classica





Listone+ 90	Listone+ 90	Listone+ 55	Listone+ 55 Listone+ 55		Listone+ 55			
3,5 mm	3,5 mm	3,5 mm	3,5 mm	3,5 mm	3,5 mm			
12,5 mm	12,5 mm	12,5 mm	12,5 mm 12,5 mm 12,5 mm		12,5 mm			
90 mm	90 mm	55 mm	55 mm	55 mm	55 mm			
590 mm	380 mm	1200 mm	890 mm	590 mm	380 mm			
147,25	147,25	198,14	198,14	198,14	198,14			

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)

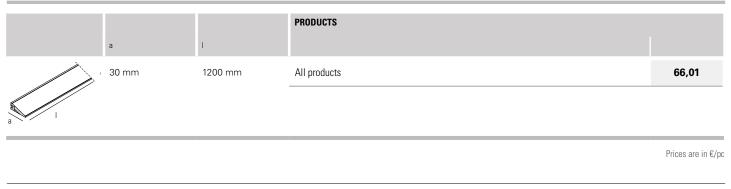
	1	а	b	PRODUCTS	
> a	1200 mm	190 mm	40 mm	Plank 230 / 190 / 140	172,23
	1200 mm	190 mm (1)	40 mm	Listone 190 / 140	172,23
	1200 mm	190 mm	40 mm	Prima 190 / 140 / 140 smart	172,23
	1200 mm	190 mm	40 mm	Prima flottante 190 / 140 smart	172,23
	1200 mm	90 mm	40 mm	Listone 90	115,23
	1200 mm	70 mm	40 mm	Corona 70	115,23

Prices are in €/pc

STAIR NOSINGS (PROFILE B)

				PRODUCTS	
	1	а	b		
a	1200 mm	190 mm	190 mm	Plank 230 / 190 / 140	225,63
b	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	190 mm	190 mm	Prima flottante 190 / 140 smart	225,63
	1200 mm	90 mm	90 mm	Listone 90	120,63
	1200 mm	70 mm	70 mm	Corona 70	120,63
					Prices are in €/pc

THRESHOLD MOULDINGS



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.

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

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.

floor.

supplied in 140 mm.

(1) On Iroko, Doussié, Jatoba and Wenge it is

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

LISTONE GIORDANO PLATE

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

Prices are in €/pc

GLUE

	PRODUCTS	
ē	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.	7,82 €/kg
L Ja	VINYL ADHESIVE (vinyl adhesive suitable for the joints of floating wood flooring) - 0.5 Kg tin Average yield: 2,5 m²/package	4,71 €/pc

MAT UNDERLAYMENT

PRODUCTS	
Polyethylene mat underlayment for floating floors. Thickness 3 mm 15 m ² package.	1,38

WHITE SKIRTING BOARDS

B1	B2	B3	B4	B5	B6	87	B8
Profile	Height	Thickness	Length		Pretreated ⁽¹⁾	RAL 9003 white	RAL 9010 white
B1	45 mm	13 mm	2,40 m		-	4,25	4,25
B1	50 mm	10 mm	2,40 m		-	4,25	4,25
B2	80 mm	14 mm	2,40 m		5,86	-	-
B3	60 mm	16 mm	2,40 m		-	6,55	6,55
B3	70 mm	10 mm	2,40 m		-	3,33	3,33
B4	96 mm	16 mm	2,40 m		-	7,70	7,70
B5	96 mm	16 mm	2,40 m		-	7,70	7,70
B6	108 mm	16 mm	2,40 m		-	7,82	7,82
B7	118 mm	16 mm	2,40 m		-	8,05	8,05
B8	130 mm	16 mm	2,40 m		-	8,51	8,51

Prices are in €/m

⁽¹⁾Untreated surface to be finished on site with colour of choice.

NATURAL WOOD SKIRTING BOARDS

Β3

B1

Naturplus2 Invisible Touch Profile Height Thickness Length Wood types 7,01 5,29 Β1 50 mm 10 mm 2,40 m 0ak Β1 50 mm 10 mm 2,40 m Oak Tamarindo, Tortora, Testa di Moro, Biancospino, Montblanc 9,08 -50 mm Β1 2,40 m 10,00 10 mm Oak Cannella, Seta, Cashmere, Grisaglie (all colors) В3 70 mm 10 mm 2,40 m 0ak 5,63 7,47 Oak Tamarindo, Tortora, Testa di Moro, Biancospino, Montblanc В3 70 mm 10 mm 2,40 m 9,08 -В3 70 mm 10 mm 2,40 m Oak Cannella, Seta, Cashmere, Grisaglie (all colors) 10,00 В3 70 mm 10 mm 2,40 m Cabreuva km 31 8,51 -B3 70 mm 10 mm 2,40 m Iroko 6,21 -70 mm 2,40 m Teak 7,13 8,74 B3 10 mm B3 70 mm 10 mm 2,40 m American Walnut 7,13 _ 7,12 B3 70 mm 10 mm 2,40 m Doussié -Jatoba B3 70 mm 10 mm 2,40 m 9,20 -B3 70 mm 10 mm 2,40 m Wenge 7,47 10,35

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

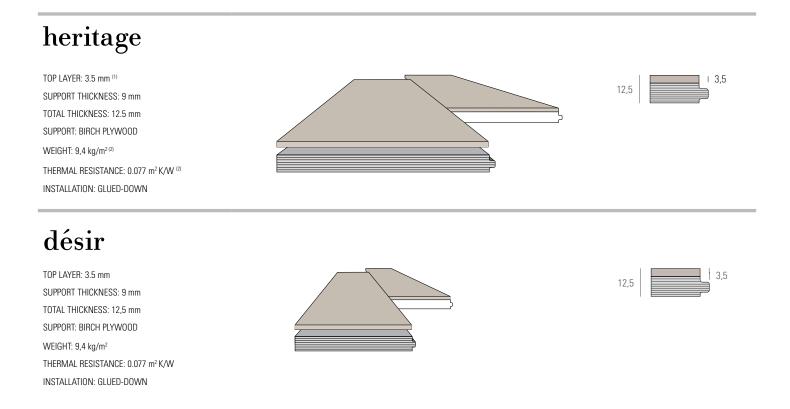
match Bianco Assoluto.

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

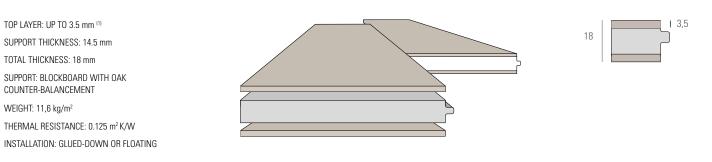
atelier



TECHNICAL SPECIFICATIONS

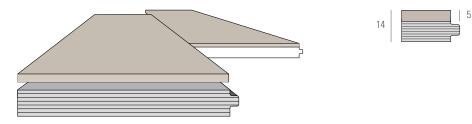


réserve



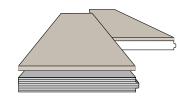
ancien |Quattrocento Italiano

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

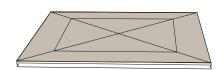
TOP LAYER: 3.5 mm SUPPORT THICKNESS: 9 mm TOTAL THICKNESS: 12.5 mm SUPPORT: BIRCH PLYWOOD WEIGHT: 9,4 kg/m² THERMAL RESISTANCE: 0.077 m² K/W INSTALLATION: GLUED-DOWN





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



12,5

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

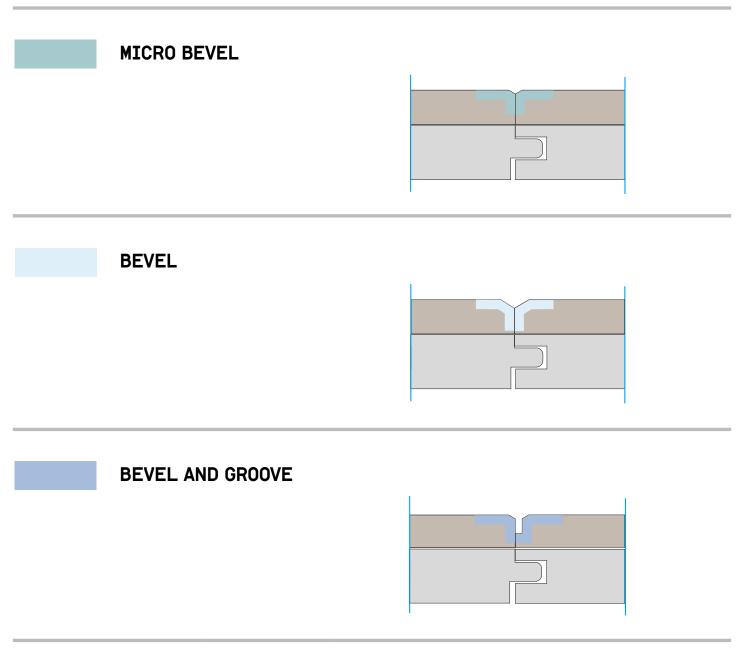
INVISIBLE TOUCH	Water-based, air-dried finish. It protects wood whilst preserving the natural appearance and touch of an untreated surface. This finish features the anti-bacterial Crystalcare technology.
OLEONATURE	Natural oil-based, air-dried finish. Thanks to a special protective treatment applied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

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



heritage filigrana

Brushed surface



REGULAR INSTALLATION	NAME	SURFACE	FINISHES	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	filigrana	Oleonature	139,96	120,98	106,49
	Ostuni 1506	filigrana	Oleonature	154,68	135,70	121,21
	Pienza 1458	filigrana	Oleonature	174,69	155,71	
	Fiesole 1125	filigrana	Oleonature	159,97	140,99	
	Civita 1695	filigrana	Invisible Touch	169,74	150,77	
	Civita 1695 Fibramix	filigrana	Invisible Touch	195,62	168,71	
	Tuscania 1093	filigrana	Invisible Touch	174,69	155,71	
	Firenze 1565	filigrana	Oleonature	159,97	140,99	126,50
	Siena 1179	filigrana	Oleonature	174,69	155,71	141,22
	Monteriggioni 1213	filigrana	Invisible Touch	191,82	172,85	
	Montesiepi 1185	filigrana	Invisible Touch	191,82	172,85	
OTHER WOOD	American Walnut	filigrana	Oleonature	185,15	155,02	

Prices are in €/m²

VARIANTS AND CUSTOMIZATIONS

Fibramix grade (def. page 12)	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.

CLEANING AND

MAINTENANCE

page 74

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.

page 70-73



atelier

ITALIAN HERRINGBONE				140 total thickness 12,5 mm	90 total thickness 12,5 mm	55 total thickness 12,5 mm	40 total thickness 12,5 mm
(90°)	NAME	SURFACE	FINISH	top layer 3,5 mm lenghts 890 and 1200 mm	top layer 3,5 mm lenghts 540, 590 and 800 mm	top layer 3,5 mm lenght 590 mm	top layer 3,5 mm lenght 390 mm
OAK	Città della Pieve 1999	filigrana	Oleonature	139,96 ⁽¹⁾	139,96 ⁽¹⁾		
	Ostuni 1506	filigrana	Oleonature	154,68 ⁽¹⁾	154,68 ⁽¹⁾		
	Pienza 1458	filigrana	Oleonature	174,69 ⁽¹⁾	174,69 ⁽¹⁾		
	Fiesole 1125	filigrana	Oleonature	159,97 ⁽¹⁾	159,97 ⁽¹⁾		
	Civita 1695	filigrana	Invisible Touch	169,74	169,74	188,60	222,76 ⁽²⁾
	Tuscania 1093	filigrana	Invisible Touch	174,69 ⁽¹⁾	174,69 ⁽¹⁾		
	Firenze 1565	filigrana	Oleonature	159,97 ⁽¹⁾	159,97 ⁽¹⁾		
	Siena 1179	filigrana	Oleonature	174,69 ⁽¹⁾	174,69 ⁽¹⁾		
	Monteriggioni 1213	filigrana	Invisible Touch	191,82 ⁽¹⁾	191,82 ⁽¹⁾		
	Montesiepi 1185	filigrana	Invisible Touch	191,82 ⁽¹⁾	191,82 ⁽¹⁾		

Prices are in €/m²

CHEVRON PATTERN (60°)				140 total thickness 12,5 mm	90 total thickness 12,5 mm	55 total thickness 12,5 mm	40 total thickness 12,5 mm
	NAME	SURFACE	FINISH	top layer 3,5 mm lenght 835 mm	top layer 3,5 mm lenght 540 mm	top layer 3,5 mm lenght 540 mm	top layer 3,5 mm lenght 390 mm
OAK	Città della Pieve 1999	filigrana	Oleonature	159,51 ⁽¹⁾	159,51 ⁽¹⁾		
	Ostuni 1506	filigrana	Oleonature	173,77 ⁽¹⁾	173,77 ⁽¹⁾		
	Pienza 1458	filigrana	Oleonature	194,24 ⁽¹⁾	194,24 ⁽¹⁾		
	Fiesole 1125	filigrana	Oleonature	179,52 ⁽¹⁾	179,52 ⁽¹⁾		
	Civita 1695	filigrana	Invisible Touch	189,29	189,29		
	Tuscania 1093	filigrana	Invisible Touch	194,24 ⁽¹⁾	194,24 ⁽¹⁾		
	Firenze 1565	filigrana	Oleonature	179,52 ⁽¹⁾	179,52 ⁽¹⁾		
	Siena 1179	filigrana	Oleonature	194,24 ⁽¹⁾	194,24 ⁽¹⁾		
	Monteriggioni 1213	filigrana	Invisible Touch	211,37 ⁽¹⁾	211,37 ⁽¹⁾		
	Montesiepi 1185	filigrana	Invisible Touch	211,37 ⁽¹⁾	211,37 ⁽¹⁾		

Prices are in €/m²

microbevel bevel bevel and groove NOTES The products for regular installation are supplied in the same **length or mixed lengths**, subject to availability. The supply tight or only partially filled knots. Smaller quantities are to be evaluated upon A detailed description of the grade is available on the designated section of request. If accepted 300 € will be charged as setup fixed costs. may include up to 10% of the surface of www.listonegiordano.com (2) This product is available in the shorter material than specified.

The products feature naturally uneven hue, and marked and widespread presence of filled or open fissures, as well as encased,

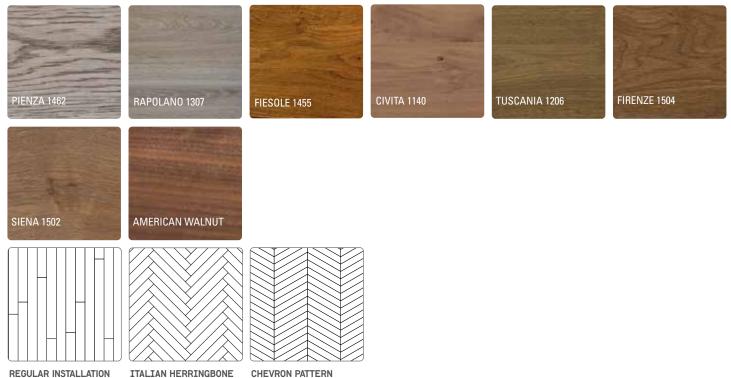
We require 40% advance payment in order to start production.

 $^{\mbox{\tiny (1)}}$ The minimum order quantity is 25 $m^2.$

Fibramix grade (see definition on page 12).

heritage traccia

Planed surface



REGULAR INSTALLATIO	N			190 total thickness 12,5 mm	140 total thickness 12,5 mm	140 smart total thickness 12,5 mm
	NAME	SURFACE	FINISH	top layer 3,5 mm ⁽¹⁾ lenghts 1500-2100 mm	top layer 3,5 mm ⁽¹⁾ lenghts 1200-2100 mm	top layer 3,5 mm ⁽¹⁾ lenghts 1000-2100 mm
JAK	Pienza 1462	traccia	Oleonature	195,50	176,53	
	Rapolano 1307	traccia	Oleonature	190,56	171,58	
	Fiesole 1455	traccia	Oleonature	180,78	161,81	
	Civita 1140	traccia	Invisible Touch	190,56	171,58	
	Civita 1140 Fibramix	traccia	Invisible Touch	216,43	189,52	
	Tuscania 1206	traccia	Invisible Touch	195,50	176,53	
	Firenze 1504	traccia	Oleonature	180,78	161,81	
	Siena 1502	traccia	Oleonature	195,50	176,53	
THER WOOD	American Walnut	traccia	Oleonature	205,97	175,84	

Prices are in €/m²

VARIANTS AND CUSTOMIZATIONS

Fibramix grade (def. page 12)	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.

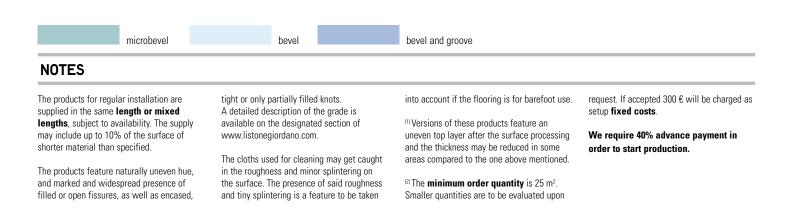


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(90º)	NAME	SURFACE	FINISH	total thickness 12,5 mm top layer 3,5 mm ⁽¹⁾ lenghts 890 and 1200 mm	total thickness 12,5 mm top layer 3,5 mm ⁽¹⁾ lenghts 590 and 800 mm	55 total thickness 12,5 mm top layer 3,5 mm ⁽¹⁾ lenght 590 mm	40 total thickness 12,5 mm top layer 3,5 mm ⁽¹⁾ lenght 390 mm
OAK	Pienza 1462	traccia	Oleonature	195,50 ⁽²⁾	195,50 ⁽²⁾		
	Rapolano 1307	traccia	Oleonature	190,55 ⁽²⁾	190,55 ⁽²⁾		
	Fiesole 1455	traccia	Oleonature	180,78 ⁽²⁾	180,78 ⁽²⁾		
	Civita 1140	traccia	Invisible Touch	190,56 ⁽²⁾	190,56	203,44 ⁽²⁾	
	Tuscania 1206	traccia	Invisible Touch	195,50 ⁽²⁾	195,50 ⁽²⁾		
	Firenze 1504	traccia	Oleonature	180,78 ⁽²⁾	180,78 ⁽²⁾		
	Siena 1502	traccia	Oleonature	195,50 ⁽²⁾	195,50 ⁽²⁾		

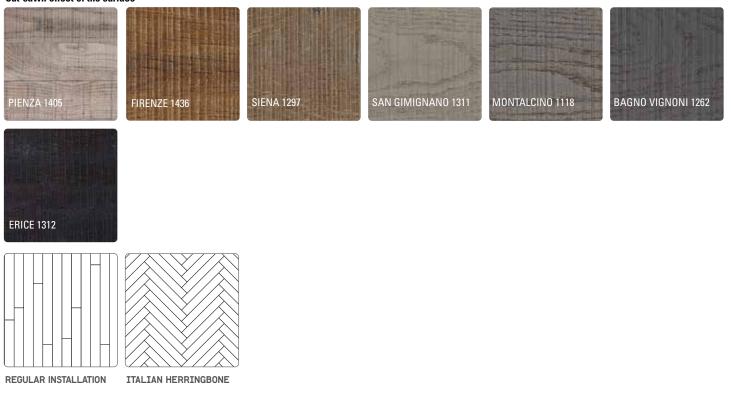
Prices are in €/m²

CHEVRON PATTERN (60º)	NAME	SURFACE	FINISH	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
ОАК	Pienza 1462	traccia	Oleonature	215,05 ⁽²⁾	215,05 ⁽²⁾		
	Rapolano 1307	traccia	Oleonature	210,10 (2)	210,10 ⁽²⁾		
	Fiesole 1455	traccia	Oleonature	200,33 (2)	200,33 ⁽²⁾		
	Civita 1140	traccia	Invisible Touch	210,11 (2)	210,11		
	Tuscania 1206	traccia	Invisible Touch	215,05 ⁽²⁾	215,05 ⁽²⁾		
	Firenze 1504	traccia	Oleonature	200,33 (2)	200,33 ⁽²⁾		
	Siena 1502	traccia	Oleonature	215,05 ⁽²⁾	215,05 ⁽²⁾		



heritage filodi lama

Cut-sawn effect of the surface



REGULAR INSTALLATION				190 total thickness 12,5 mm	140 total thickness 12,5 mm	140 smart total thickness 12,5 mm
	NAME	SURFACE	FINISH	top layer 3,5 mm lenghts 1500-2400 mm	top layer 3,5 mm lenghts 1200-2100 mm	top layer 3,5 mm lenghts 1000-2100 mm
OAK	Pienza 1405	filo di lama	Oleonature	195,50	176,53	
	Firenze 1436	filo di lama	Oleonature	180,78		
	Siena 1297	filo di lama	Oleonature	195,50		
	San Gimignano 1311	filo di lama	Oleonature	195,50	176,53	
	Montalcino 1118	filo di lama	Oleonature	195,50	176,53	
	Bagno Vignoni 1262	filo di lama	Oleonature	195,50	176,53	
	Erice 1312	filo di lama	Oleonature	212,64	193,66	

Prices are in €/m²

VARIANTS AND CUSTOMIZATIONS

Fibramix grade (def. page 12)

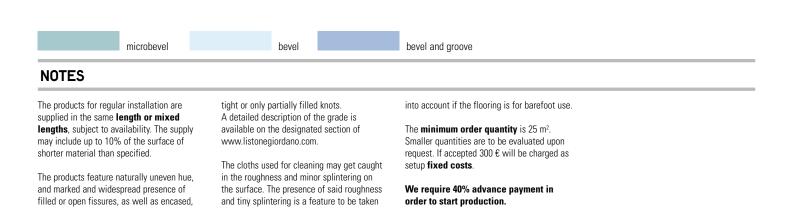
Floating installation	Available for floating version with 15 mm thickness. Only for regular installation.
Other formats	It may be customized in other lengths, widths and angles.

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.



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ITALIAN HERRINGBONE (90°)	NAME	SURFACE	FINISH	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	filo di lama	Oleonature		195,50	214,36	
	Firenze 1436	filo di lama	Oleonature		180,78	199,64	
	Siena 1297	filo di lama	Oleonature		195,50	214,36	
	San Gimignano 1311	filo di lama	Oleonature		195,50	214,36	
	Montalcino 1118	filo di lama	Oleonature		195,50	214,36	
	Bagno Vignoni 1262	filo di lama	Oleonature		195,50	214,36	
	Erice 1312	filo di lama	Oleonature		212,64	231,50	

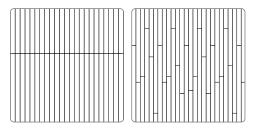


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atelier



INSTALLATION PATTERNS



	NAME	SURFACE	FINISH	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
0AK	Fiesole 1125	filigrana	Oleonature		178,71
	Fiesole 1125 Fibramix	filigrana	Oleonature		196,54
	Civita 1695	filigrana	Invisible Touch	174,69	188,37
	Civita 1695 Fibramix	filigrana	Invisible Touch	192,51	206,20

Prices are in €/m²

VARIANTS AND CUSTOMIZATIONS

Other Filigrana colors	It may be supplied in all Filigrana color range.	
Other Classica colors In the Fibramix grade, it may also be supplied in selected Michelangelo 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		
The products are supplied in the same length or mixed lengths, subject to requests and availability.	grade is available on the designated section of www.listonegiordano.com	
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	We require 40% advance payment in order to start production.	
TECHNICAL SPECIFICATIONS page 48-51	CLEANING AND ACCESSORIES page 70-73 MAINTENANCE page 74	



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	SURFACE	FINISH	260 total thickness up to 18mm top layer up to 3,5mm lenghts 1800 and 3000mm	190 total thickness up to 18mm top layer up to 3,5mm lenghts 1600 and 1900mm
OAK	Pisa 1173	mareggiata	Oleonature	245,53	194,93
UAK	Cefalù 1131	mareggiata	Invisible Touch	263,24	212,64

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.	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 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.
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 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	We require 40% advance payment in order to start production.
The products, except the Fibramix versions, feature naturally uneven hue, and marked and widespread presence of filled or open	hue. In the case of matching several lengths the material supplied is likely to feature uneven hues.	
TECHNICAL		CLEANING AND
SPECIFICATIONS page 48-51	ACCESSORIES page 70-73	MAINTENANCE page 74

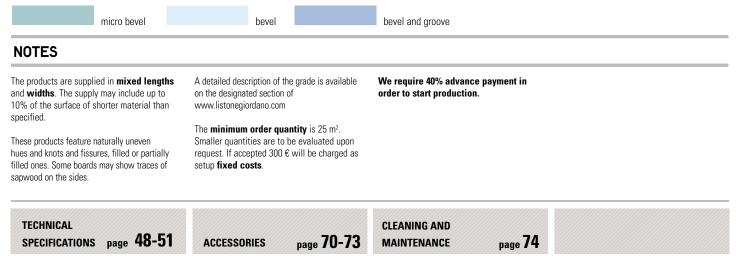
Private residence - Mexico Interior design: Paola Aboumrad Partner: Solesdi Messico TI matel

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	NAME	SURFACE	FINISH	90-125-140-190 total thickness 14 mm top layer 5 mm lenghts 1000-2100 mm
EUROPEAN WALNUT	Puro		Oleonature	270,14



Ancien / European walnut

Quattrocento italiano



INSTALLATION PATTERNS

	NAME	SURFACE	FINISH	390 total thickness 14 mm top layer 5 mm lenghts 1800 and 2400 mm	290 / 340 ⁽¹⁾ total thickness 14 mm top layer 5 mm lenghts 1800 and 2400 mm	190 total thickness 14 mm top layer 5 mm lenghts 1800 and 2400 mm
0AK	Città della Pieve 1999	filigrana	Oleonature	241,96	228,28	143,06
						Prices are in €/n
	NAME	SURFACE	FINISH	390 total thickness 14 mm top layer 5 mm lenghts 3000 and 3600 mm	290 / 340 ⁽¹⁾ 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
ОАК	Città della Pieve 1999	filigrana	Oleonature	266,11	251,05	

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.

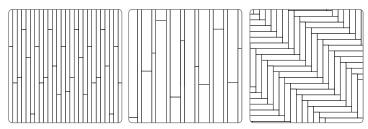
	micro bevel	bevel		bevel and groove	
NOTES					
	naturally uneven	of www.listonegiordano.com The minimum order quantity Smaller quantities are to be ev request. If accepted 300 € will setup fixed costs .	aluated upon	⁽¹⁾ Supplied in one of the two widths above mentioned according to availability.	
	Is may show traces of A detailed description of n the designated section	We require 40% advance pa order to start production.	ayment in		
TECHNICAL SPECIFICATIONS	s page 48-51	ACCESSORIES pa	uge 70-73	CLEANING AND MAINTENANCE page 74	



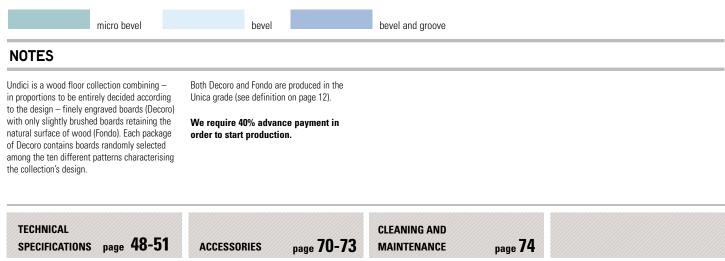
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INSTALLATION PATTERNS



	NAME	SURFACE	FINISH	140 total thickness 12,5mm top layer 3,5mm lenght 1200mm	55 total thickness 12,5mm top layer 3,5mm lenght 1500mm	55 italian herringbone total thickness 12,5 mm top layer 3,5 mm lenght 590 mm
OAK	Decoro	filigrana - incisione	Invisible Touch	301,30	358,69	365,47
UAK	Fondo	filigrana	Invisible Touch	129,72	186,99	186,99

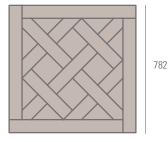




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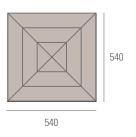


VERSAILLES

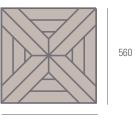


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PONTIGNY

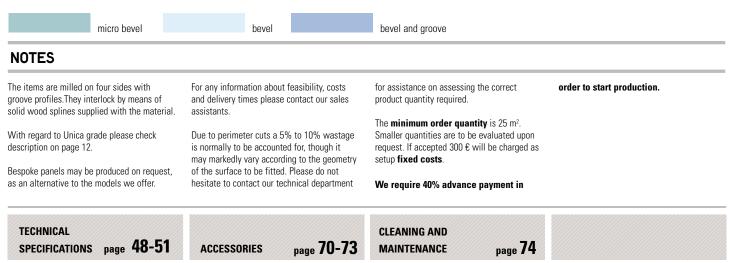


FONTENAY



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	NAME	FINISH	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	Puro Fibramix	Oleonature	400,09	458,96	515,09
TEAK	Puro Fibramix	Oleonature	485,99	528,77	592,13
EUROPEAN WALNUT	Puro Unica	Oleonature	493,01	535,79	603,41



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

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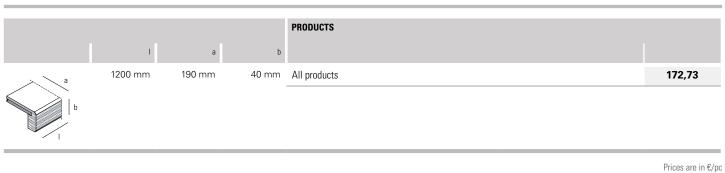
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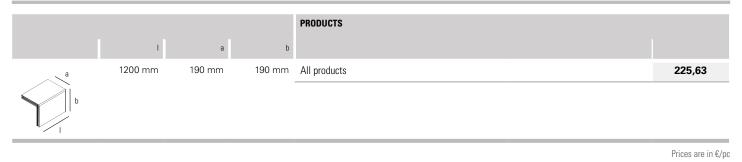
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ACCESSORIES

STAIR NOSINGS (PROFILE A)



STAIR NOSINGS (PROFILE B)



THRESHOLD MOULDINGS



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.

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

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	
and the second second	Aluminium "Listone Giordano" brand plate including flush installation into one of the boards supplied	69,00
		Prices are in €/pc

GLUE

	PRODUCTS	
ē	ECOLFIT (environmentally-friendly one-component silane adhesive) - 14 kg tin Average yield: 1,2 Kg/m ² . It is strictly connected to the conditions of the subfloor.	7,82 €/Kg
L pa	VINYL ADHESIVE (vinyl adhesive suitable for the joints of floating wood flooring) - 0.5 Kg tin Average yield: $2,5 \text{ m}^2$ /package	4,71 €/Pc

MAT UNDERLAYMENT

PRODUCT	
 Polyethylene mat underlayment for floating floors. Thickness 3 mm 15 m ² package.	1,38

WHITE SKIRTING BOARDS

B1	B2	B3	B4	B5	B6	87	B8
Profile	Height	Thickness	Length		Pretreated ⁽¹⁾	RAL 9003 white	RAL 9010 white
B1	45 mm	13 mm	2,40 m		-	4,25	4,25
B1	50 mm	10 mm	2,40 m		-	4,25	4,25
B2	80 mm	14 mm	2,40 m		5,86	-	-
B3	60 mm	16 mm	2,40 m		-	6,55	6,55
B3	70 mm	10 mm	2,40 m		-	3,33	3,33
B4	96 mm	16 mm	2,40 m		-	7,70	7,70
B5	96 mm	16 mm	2,40 m		-	7,70	7,70
B6	108 mm	16 mm	2,40 m		-	7,82	7,82
B7	118 mm	16 mm	2,40 m		-	8,05	8,05
B8	130 mm	16 mm	2,40 m		-	8,51	8,51

Prices are in €/m

 $^{(1)}\mbox{Untreated}$ surface to be finished on site with colour of choice.

NATURAL WOOD SKIRTING BOARDS

B3

Profile	Height	Thickness	Length	Wood types	Oleonature	Invisible Touch
B3	60 mm	16 mm	2,40 m	Oak Erice	14,83 ⁽¹⁾	-
B3	60 mm	16 mm	2,40 m	Oak Firenze, Siena, Pisa	11,38	-
B3	60 mm	16 mm	2,40 m	Oak Cefalù	-	10,46
B3	70 mm	10 mm	2,40 m	Oak Città della Pieve	6,55	-
B3	70 mm	10 mm	2,40 m	Oak Ostuni, Fiesole, Firenze, Siena	9,08	-
B3	70 mm	10 mm	2,40 m	Oak Civita, Tuscania	-	9,08
B3	70 mm	10 mm	2,40 m	Oak Pienza, Rapolano, San Gimignano, Montalcino, Bagno Vignoni, Erice	10,69	-
B3	70 mm	10 mm	2,40 m	American Walnut	8,28	-
В3	70 mm	10 mm	2,40 m	European Walnut	8,74	-
В3	70 mm	10 mm	2,40 m	Teak	8,28	-

Prices are in €/m

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

boards to match Undici and Heritage Monteriggioni and Montesiepi floors.

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

⁽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	10,17
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	41,34
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	31,74
PROFESSIONAL USE		
vitaplus Protective and renovating product for Xplus2 and Naturplus2 finished wooden floors.	50 m² / package	17,13
plusnovo Product designed to reduce the whitish effect of scratches on the surface of Xplus2, Naturplus2, Naturplus2 Matt, Mattplus finished wood floors. Available in various colours.	_ (1)	5,46 0,25 L
ITnovo Specific product to regenerate scratches and small stains on Invisible Touch finished wood floors.	_ (1)	19,55 0,25 L
renovo Specific product to regenerate scratches and minor stains of Oleonature finished wood floors. Available in various colours.	_ (1)	21,33 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	27,06
puliplus Detergent for removing glue residues and stubborn stains. Apply only on varnished wooden floors.	_ (1)	13,39
extraclean Strong detergent to remove stubborn dirt from varnished wooden floors.	40 m² / package	12,07
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	38,29

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

 $^{(1)}$ These products' yield cannot be quantified according to the m^2 of the floor.

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

COMPATIBILITY CHART

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

outdoor



LISTONE GIORDANO MARINE

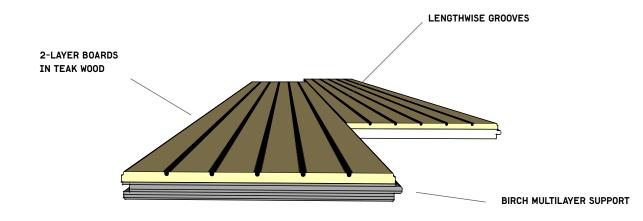
Listone Giordano Marine is a real double glued down hardwood floor suitable for outdoor application. It integrates a number of patented technologies which stem from Listone Giordano's research and experience in the field of two-layer wood flooring with birch support.

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.

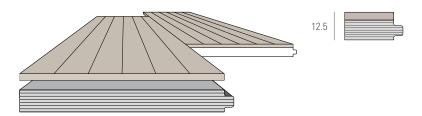




MARINE

TECHNICAL SPECIFICATIONS

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 96 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 TEAK

outdoor



		UNFINISHED WOOD	OUTNATURE ⁽¹⁾
listone thickness 12.5 mm top layer 3.5 mm	140 lengths 1200-2100 mm	281,87	310,62
	90 lengths 800-1200 mm	229,31	258,06

Prices are in €/m²

ADHESIVES AND SEALANTS (3)

PRODUCTS	Packages	Indicative yield	
Listone Giordano Marine adhesive	15 kg	1.5 - 1.8 kg/m ²	14,15 €/kg
Primer MF	4 kg	0.6 kg/m ²	38,99 €/kg
Primer KL	1 L	0.06 L/m ²	18,52 €/L
Quarzo	25 kg	1.0 kg/m ²	1,38 €/kg
Sealant for perimeter joints black	600 ml	8,0 m/package with rope made $^{\scriptscriptstyle (2)}$	21,39 €/pc
Sealant for perimeter joints gray	600 ml	8,0 m/package with rope made $^{\scriptscriptstyle (2)}$	21,39 €/pc
Rope made of foam material diameter 10 mm	spare	1,0 m/m	0,81 €/m

The products are supplied in the same $\ensuremath{\textbf{length}}$ production stage, while an additional layer or mixed lengths, subject to availability. also having slip-proof properties is applied The supply may include up to 10% of the immediately after laying. The products required for application of the last layer are surface of shorter material than specified. supplied with the floor and are included in This product does not feature standard the price shown. the floor. finishing elements. However, customised items may be produced, quotation upon ⁽²⁾ Yield compared to the perimeter linear request. metres of the floored surface. The actual yield depends on the free space ⁽¹⁾ The Outnature finishing system entails between the floor and the walls around the application of the first protective layers in the floored surface. The yield set out herein TECHNICAL **FINISHES AND MAINTENANCE** page 70 page **87 SPECIFICATIONS** PRODUCTS

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



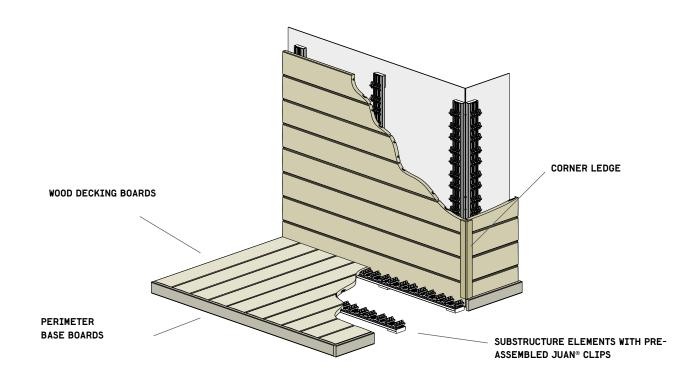
LISTONE GIORDANO DECKING

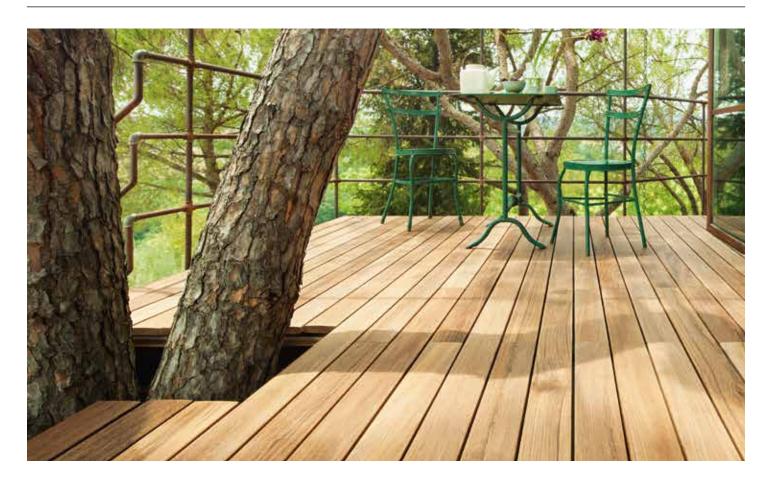
Listone Giordano outdoor decking is a raised structure consisting of wooden planks fixed to an aluminium substructure by means of an original and patented mechanical system.

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.

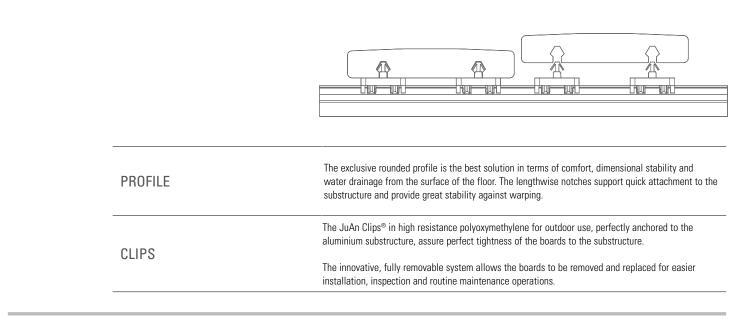
This system is also suitable for wall application.



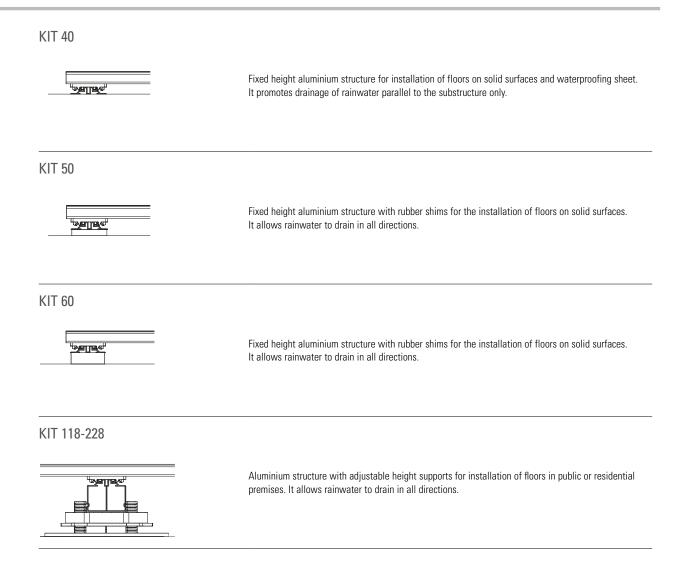




PROFILE AND MOUNTING SYSTEM



METAL SUBSTRUCTURE KIT



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.

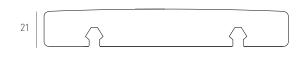
DECKING ASH 90

FONTAINES ASH

HEAT TREATED

outdoor





COMPLETE KITS FOR FIXED HEIGHT FLOORS

UNFINISHED WOOD OUTNATURE (2) **KIT 40** 133,98 162,73 Fontaines Ash 90 Decking boards Origin: France fixed height Lengths: 1200/1600/2000/2400 mm 64.17⁽¹⁾ 64.17⁽¹⁾ 39 mm KIT 40 aluminium substructure 90 and JuAn® pre-assembled clips (1.48 pc/m²) Centre distance between boards: 96 mm 198,15 226,90 Space between boards: 5 mm **KIT 50** Thickness: 21 mm 133,98 162,73 Fontaines Ash 90 Decking boards fixed height Weight: 14 kg/m² approx. 64.17⁽¹⁾ 64.17⁽¹⁾ KIT 40 aluminium substructure 90 and JuAn® pre-assembled clips (1.48 pc/m²) 49 mm Surface: brushed 21,05 (1) 21,05 (1) Substructure centre distance: 400 mm KIT 50 rubber shims (1.48 pack./m²) 219,19 247,94 **KIT 60** 133,98 162,73 Fontaines Ash 90 Decking boards fixed height 64.17⁽¹⁾ 64.17⁽¹⁾ 59 mm KIT 40 aluminium substructure 90 and JuAn® pre-assembled clips (1.48 pc/m²)

Prices are in €/m²

28,52 (1)

255,42

28,52 (1)

226,67

COMPLETE KITS FOR ADJUSTABLE HEIGHT FLOORS

KIT 60 rubber shims (1.48 pkg/m²)

		UNFINISHED WOOD	OUTNATURE (2)
KIT 118-138	Fontaines Ash 90 Decking boards	133,98	162,73
adjustable height 118-138 mm		114,66 (1)	114,66 (1)
	Top-Lift® adjustable supports (3 pc/m²)	18,98 (1)	18,98 (1)
		267,61	296,36
KIT 118-228	Fontaines Ash 90 Decking boards	133,98	162,73
adjustable height 118-228 mm	KIT 118-228 aluminium substructure 90 and JuAn® pre-assembled clips (1.48 pc/m²)	114,66 (1)	114,66 (1)
	Top-Lift® adjustable supports (3 pc/m²)	18,98 ⁽¹⁾	18,98 (1)
	Top-Lift® adjustable support extensions (12 pc/m²)	6,21 ⁽¹⁾	6,21 ⁽¹⁾
		273,82	302,57
			Prices are in €/m ²

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.

^{••} 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 92-93. 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

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FINISH AND MAINTENANCE

PRODUCTS

required for application of the last layer are supplied with the floor and are included in the price shown.

TECHNICAL SPECIFICATIONS page 84-85 ACCESSORIES page 92-94

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DECKING ASH 120

FONTAINES ASH

HEAT TREATED

outdoor





COMPLETE KITS FOR FIXED HEIGHT FLOORS

UNFINISHED WOOD OUTNATURE (2) **KIT 40** 152,95 181,70 Fontaines Ash 120 Decking boards Origin: France fixed height Lengths: 1200/1600/2000/2400 mm 54.51⁽¹⁾ 54.51⁽¹⁾ 39 mm KIT 40 aluminium substructure 120 and JuAn® pre-assembled clips (1.40 pc/m²) Centre distance between boards: 124 mm 207,46 236,21 Space between boards: 5 mm **KIT 50** Thickness: 21 mm 152,95 181,70 Fontaines Ash 120 Decking boards fixed height Weight: 14 kg/m² approx. 54.51⁽¹⁾ 54.51⁽¹⁾ KIT 40 aluminium substructure 120 and JuAn® pre-assembled clips (1.40 pc/m²) 49 mm Surface: brushed 21,05 (1) 21,05 (1) Substructure centre distance: 400 mm KIT 50 rubber shims (1.40 pkg/m²) 228,51 257,26 **KIT 60** 181,70 152,95 Fontaines Ash 120 Decking boards fixed height 54.51⁽¹⁾ 54,51⁽¹⁾ 59 mm KIT 40 aluminium substructure 120 and JuAn® pre-assembled clips (1.40 pc/m²)

Prices are in €/m²

Prices are in €/m²

28,52 (1)

264,73

28,52 (1)

235,98

COMPLETE KITS FOR ADJUSTABLE HEIGHT FLOORS

KIT 60 rubber shims (1.40 pkg/m²)

		UNFINISHED WOOD	OUTNATURE ⁽²⁾
KIT 118-138	Fontaines Ash 120 Decking boards	152,95	181,70
adjustable height 118-138 mm	KIT 118-228 aluminium substructure 120 and JuAn® pre-assembled clips (1.40 pc/m²)	102,12 (1)	102,12 (1)
	Top-Lift® adjustable supports (3 pc/m²)	18,98 ⁽¹⁾	18,98 ⁽¹⁾
		274,05	302,80
KIT 118-228	Fontaines Ash 120 Decking boards	152,95	181,70
adjustable height 118-228 mm		102,12 (1)	102,12 (1)
	Top-Lift® adjustable supports (3 pc/m²)	18,98 (1)	18,98 ⁽¹⁾
	Top-Lift® adjustable support extensions (12 pc/m²)	6,21 ⁽¹⁾	6,21 ⁽¹⁾
		280,26	309,01

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 84-85. 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.

TECHNICAL page 84-85 ACCESSORIES **SPECIFICATIONS**

> **FINISH AND MAINTENANCE** page 92-94 PRODUCTS

page 95

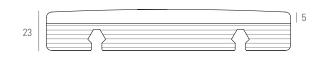
DECKING TEAK 135

TEAK

outdoor

OLITNIATURE (2)





COMPLETE KITS FOR FIXED HEIGHT FLOORS

			UUINAIURE (2)
Origin: Asia (Burma) Lengths: 1200/1500/	KIT 40	Decking boards Teak 135	366,62
1800/2100/2400 mm	fixed height 41 mm	KIT 40 aluminium substructure 135 and JuAn® pre-assembled clips (1.92 pc/m²)	71,65 (1)
Centre distance between boards: 140 mm			438,27
Space between boards: 5 mm			430,27
Top layer: 5 mm	KIT 50	Decking boards Teak 135	366,62
Total thickness: 23 mm	fixed height 51 mm	KIT 40 aluminium substructure 135 and JuAn® pre-assembled clips (1.92 pc/m²)	71,65 ⁽¹⁾
Support: birch plywood			71,00
Weight: 14 kg/m ² approx.		KIT 50 rubber shims (1.92 pkg/m ²)	28,18 (1)
Surface: smooth			466,44
Substructure centre distance: 300/400 mm		Decking boards Teak 135	366,62
		KIT 40 aluminium substructure 135 and JuAn $^{\oplus}$ pre-assembled clips (1.92 pc/m²)	71,65 ⁽¹⁾
		KIT 60 rubber shims (1.92 pkg/m ²)	38,18 (1)
			476,45

Prices are in €/m²

COMPLETE KITS FOR ADJUSTABLE HEIGHT FLOORS

		OUTNATURE ⁽²⁾
KIT 118-138	Decking boards Teak 135	366,62
adjustable height 120-140 mm	KIT 118-228 aluminium substructure 135 and JuAn $^{\odot}$ pre-assembled clips (1.92 pc/m²)	135,70 ⁽¹⁾
	Top-Lift® adjustable supports (4 pc/m²)	25,30 ⁽¹⁾
		527,62
KIT 118-228 adjustable height 120-230 mm	Decking boards Teak 135	366,62
	KIT 118-228 aluminium substructure 135 and JuAn $^{\circledast}$ pre-assembled clips (1.92 pc/m²)	135,70 ⁽¹⁾
	Top-Lift® adjustable supports (4 pc/m²)	25,30 ⁽¹⁾
	Top-Lift® adjustable support extensions (16 pc/m²)	8,28 (1)
		535,90

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 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

TECHNICAL SPECIFICATIONS page 84-85

including interspace between boards.

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

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

ACCESSORIES

page 92-94

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 92-93. 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

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FINISH AND MAINTENANCE

PRODUCTS

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.



DECKING IPÉ 90

IPÉ

Origin: Brazil Lengths: 900/1200/1500

Space between boards: 5 mm

Weight: 21 kg/m² approx.

Thickness: 21 mm

Surface: smooth

1800 mm

outdoor





COMPLETE KITS FOR FIXED HEIGHT FLOORS

UNFINISHED WOOD OUTNATURE (2) **KIT 40** 171,35 200,10 Decking boards Ipé 90 fixed height Centre distance between boards: 96 mm 85.91 (1) 85.91 (1) 39 mm KIT 40 aluminium substructure 90 and JuAn® pre-assembled clips (1.98 pc/m²) 257,26 286,01 **KIT 50** 171,35 200,10 Decking boards lpé 90 fixed height 85.91 (1) 85.91 (1) KIT 40 aluminium substructure 90 and JuAn® pre-assembled clips (1.98 pc/m²) 49 mm Substructure centre distance: 300/450 mm 28,18 (1) 28,18 (1) KIT 50 rubber shims (1.98 pkg/m²) 285,43 314,18 **KIT 60** 171,35 200,10 Decking boards lpé 90 fixed height 85,91 (1) 85.91 (1) 59 mm KIT 40 aluminium substructure 90 and JuAn® pre-assembled clips (1.98 pc/m²) 38,18 (1) 38,18 (1) KIT 60 rubber shims (1.98 pkg/m²) 295,44 324,19

Prices are in €/m²

Prices are in €/m²

COMPLETE KITS FOR ADJUSTABLE HEIGHT FLOORS

		UNFINISHED WOOD	OUTNATURE ⁽²⁾
KIT 118-138	Decking boards lpé 90	171,35	200,10
adjustable height 118-138 mm		153,53 ⁽¹⁾	153,53 ⁽¹⁾
	Top-Lift® adjustable supports (4 pc/m²)	25,30 ⁽¹⁾	25,30 ⁽¹⁾
		350,81	378,93
KIT 118-228 adjustable height 118-228 mm	Decking boards lpé 90	171,35	200,10
		153,53 ⁽¹⁾	153,53 ⁽¹⁾
	Top-Lift® adjustable supports (4 pc/m²)	25,30 ⁽¹⁾	25,30 ⁽¹⁾
	Top-Lift® adjustable support extensions (16 pc/m²)	8,28 (1)	8,28 (1)
		358,46	387,21

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,

TECHNICAL SPECIFICATIONS 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 92-93. Please do not hesitate to contact the sales assistants to determine the number of units needed for your specific installation project.

page 95

⁽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.



DECKING IPÉ 135

IPÉ

outdoor





COMPLETE KITS FOR FIXED HEIGHT FLOORS

			UNFINISHED WOOD	OUTNATURE ⁽²⁾
Origin: Brazil Lengths: 900/1200/1500	KIT 40	Decking boards lpé 135	205,85	234,60
- 1800 mm	fixed height 41 mm	KIT 40 aluminium substructure 135 and JuAn $^{\odot}$ pre-assembled clips (1.92 pc/m²)	71,65 (1)	71,65 (1)
Centre distance between boards: 140 mm Space between boards: 5 mm			277,50	306,25
Thickness: 23 mm	KIT 50	Decking boards lpé 135	205,85	234,60
Weight: 25 kg/m ² approx.	fixed height 51 mm	KIT 40 aluminium substructure 135 and JuAn $^{\odot}$ pre-assembled clips (1.92 pc/m²)	71,65 ⁽¹⁾	71,65 (1)
Surface: smooth Substructure centre distance: 300/450 mm		KIT 50 rubber shims (1.92 pkg/m ²)	28,18 (1)	28,18 (1)
			305,67	334,42
	KIT 60 fixed height 61 mm	Decking boards lpé 135	205,85	234,60
		KIT 40 aluminium substructure 135 and JuAn $^{\oplus}$ pre-assembled clips (1.92 pc/m²)	71,65 ⁽¹⁾	71,65 (1)

Prices are in €/m²

38,18 (1)

344,43

38,18 (1)

315,68

COMPLETE KITS FOR ADJUSTABLE HEIGHT FLOORS

KIT 60 rubber shims (1.92 pkg/m²)

		UNFINISHED WOOD	OUTNATURE ⁽²⁾
KIT 118-138	Decking boards lpé 135	205,85	234,60
adjustable height 120-140 mm	KIT 118-228 aluminium substructure 135 and JuAn® pre-assembled clips (1.92 pc/m²)	135,70 ⁽¹⁾	135,70 ⁽¹⁾
	Top-Lift® adjustable supports (4 pc/m²)	25,30 ⁽¹⁾	25,30 ⁽¹⁾
		366,85	395,60
KIT 118-228 adjustable height 120-230 mm	Decking boards lpé 135	205,85	234,60
	KIT 118-228 aluminium substructure 135 and JuAn® pre-assembled clips (1.92 pc/m²)	135,70 ⁽¹⁾	135,70 ⁽¹⁾
	Top-Lift® adjustable supports (4 pc/m²)	25,30 ⁽¹⁾	25,30 ⁽¹⁾
	Top-Lift® adjustable support extensions (16 pc/m²)	8,28 (1)	8,28 (1)
		375,13	403,88
			Prices are in €/m ²

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 complementary materials, refer to the gross area covered by the

TECHNICAL

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 92-93. Please do not hesitate to contact the sales assistants to determine the number of units needed for your specific installation project.

FINISH AND MAINTENANCE

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⁽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.

SPECIFICATIONS	page 84-85	ACCESSORIES	page 92-94	PRODUCTS

DECKING SUBSTRUCTURE FOR FIXED HEIGHT FLOORS

DESCRIPTION					PRODUCTS		
	Width	Height	Length	Weight per pc			
KIT 40 / 50 / 60	63,6 mm	18 mm	1920 mm	1,56 kg	KIT 40 aluminium substructure 90 and JuAn® pre-assembled clips	43,47 €/pc	
	63,6 mm	18 mm	1984 mm	1,44 kg	KIT 40 aluminium substructure 120 and JuAn® pre-assembled clips	38,37 €/pc	
	63,6 mm	18 mm	1960 mm	1,42 kg	KIT 40 aluminium substructure 135 and JuAn® pre-assembled clips	37,26 €/pc	
\sim	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)	17,83 €/pck	
*	62,5 mm	20 mm	430 mm	-	Rubber shims with adhesive for KIT 60 (5 pc package)	24,15 €/pck	

SPACERS AND JOISTS FOR SPECIAL APPLICATIONS

DESCRIPTION				PRODUCTS	
	Width	Height	Length		
	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	8,05 €/m

The recommended quantities per square metre for the individual products are provided in the relevant pages (pages 86-91). 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.

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

DECKING SUBSTRUCTURE FOR ADJUSTABLE HEIGHT FLOORS

DESCRIPTION					PRODUCTS	
	Width	Height	Length	Weight		
SUBSTRUCTURE KIT 118-228	63,6 mm	62 mm	1920 mm	3,64 kg	Reinforced aluminium substructure 90 and JuAn® pre-assembled clips	77,74 €/pc
A STATE	63,6 mm	62 mm	1984 mm	3,56 Kg	Reinforced aluminium substructure 120 and $JuAn^{\circledast}$ pre-assembled clips	72,91 €/pc
	63,6 mm	62 mm	1960 mm	3,50 Kg	Reinforced aluminium substructure 135 and $JuAn^{\circledast}$ pre-assembled clips	70,73 €/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.	126,50 €/pck
EXTENSIONS		45 mm		-	45 mm extensions for Top-Lift® adjustable height supports (40 pc/pck).	20,70 €/pck
TOP LINK	75 mm	5 mm	115 mm	-	Element to connect the substructure	1,96 €/pc
TOP CUBE	77 mm	61,5 mm	78,5 mm	-	Support to fix the finishing elements	12,42 €/pc

PERIMETER BASE BOARDS (1)

DESCRIPTION				PRODUCTS
	Width	Thickness	Length	
	42 mm	19/21 mm	from 1200 to 3000 mm	Fontaines Ash, Teak, Ipè
	52 mm	19/21 mm	from 1200 to 3000 mm	Fontaines Ash, Teak, Ipè
	62 mm	19/21 mm	from 1200 to 3000 mm	Fontaines Ash, Teak, Ipè
	90/135 mm	19/21 mm	from 1200 to 3000 mm	Corner mouldings in Fontaines Ash, Teak, Ipè
	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 86-91). 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.

ANCHORING SYSTEMS

DESCRIPTION				PRODUCTS	
	Width	Height	Length		
	25 mm	6 mm	58 mm	JuAn® clips to be assembled	0,69 €/pc
CE CE	25 mm	6 mm	58 mm	JuAn® clips flat lower surface without spacers to be screwed	0,69 €/pc
	12,5 mm	6 mm	58 mm	Half JuAn $\ensuremath{\mathbb{B}}$ clip for perimeter finishing, to be assembled on aluminium substructure	0,69 €/pc
<u>je</u>	90/120 mm	4 mm	120 mm	Pair of tools to remove 90/120 mm wide boards $^{\left(1\right) }$	99,48 €/pc
	135/145 mm	4 mm	120 mm	Pair of tools to remove 135/145 wide mm boards (1)	84,53 €/pc
	-	-	-	Assembly bracket for aluminium substructure	1,27 €/pc
	-	-	-	Steel M8 bolt for side flute 20 mm (100 pc pkg)	125,93 €/pck
	-	-	-	Steel M8 nut for side flute (100 pc pkg)	38,30 €/pck
	-	-	-	Steel M6 bolt for lower flute 12 mm (100 pc pkg)	116,38 €/pck
	-	-	-	Steel M6 nut for lower flute (100 pc pkg)	26,11 €/pck
	-	-	-	Steel screw for flat clip fastening TF M5/12 mm stainless A2 (200 pc pkg)	22,08 €/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

outdoor

	Product yield	€/package
thermowood special outdoor oil	11 m ² / package $^{(1)}$	39,10 L. 0,75
Special oil for heat treated Ash floors. It makes surfaces water repellent and stain resistant.	37 m 2 / package $^{(1)}$	119,03 L. 2,50
special teak outdoor oil Special transparent oil for flooring in Teak and Ipé. It makes surfaces water repellent and stain resistant.	11 m ² / package ⁽¹⁾	39,10 L. 0,75
	37 m ² / package $^{(1)}$	119,03 L. 2,50
special grey outdoor oil	11 m ² / package $^{(1)}$	50,03 L. 0,75
Special grey oil for wooden floors. It makes surfaces water repellent and stain resistant.	37 m ² / package $^{(1)}$	142,60 L. 2,50
outdoor Cleaner	50 m ² / package	22,43 L. 1,00
Detergent for outdoor, cleans thoroughly, quickly, gently and without odour.	125 m ² / package	45,43 L. 2,50
power-Gel wood anti-greying	20 m ² / package	31,05 L. 1,00
Cleans and freshens wood surfaces that have been greyed by the sun. The product is odourless and biodegradable.	50 m ² / package	71,88 L. 2,50
paraffin Water-based sealer to protect the ends and parts of the floor cut on-site.	25 m ² / package	25,30 L. 0,50
anti-slip deck oil	11 m ² / package	43,13 L. 0,75
The colorless oil has an anti-slip effect, compatible with most types of outdoor oil. To be applied as the final coat.	37 m ² / package	134,55 L. 2,50

COMPATIBILITY CHART

FINISH	PERIODIC MAINTENANCE	CLEANING SURFACES	RESTORING AGED SURFACES
Ash OUTNHTURE	Thermowood special outdoor oil	outdoor Cleaner	Power-Gel wood anti-greying
Teak, Ipé 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.

GENERAL INFORMATION

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.