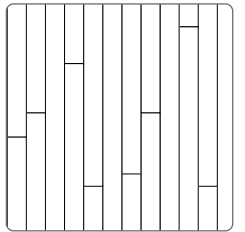




classica
Oak

OAK

classica



REGULAR INSTALLATION

	Plank 230	Plank 190	Plank 140
top layer	5 mm	5 mm	5 mm
total thickness	14 mm	14 mm	14 mm
width	230 mm	190 mm	140 mm
length	1500-2400 mm	1500-2400 mm	1200-2100 mm

Naturplus2	Elegant (Fibramix)			
	Charme (Country)			
Mattplus	Elegant (Fibramix)			
	Charme (Country)			
Oleonature	Elegant (Fibramix)			
	Charme (Country)			

Listone 190	Listone 140	Prima 190	Prima 140	Prima 140 smart	Listone 90	Listone 70
3,5 mm	3,5 mm	2,5 mm	2,5 mm	2,5 mm	3,5 mm	3,5 mm
12,5 mm	12,5 mm	10 mm	10 mm	10 mm	11 mm	11 mm
190 mm	140 mm	190 mm	140 mm	140 mm	90 mm	70 mm
1500-2100 mm	1200-2100 mm	1500-2100 mm	1500-1800 mm	800-1200 mm	600-1200 mm	490 and 600 mm

VARIANTS AND CUSTOMIZATIONS

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

square edge

bevel

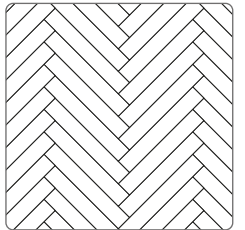
NOTES

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





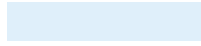


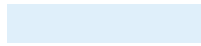
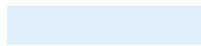


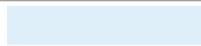
OAK



classica



ITALIAN HERRINGBONE (90°)		Plank 230	Plank 190	Plank 140
	top layer total thickness width length			
Naturplus2	Elegant (Fibramix)			
	Charme (Country)			
Mattplus	Elegant (Fibramix)			
	Charme (Country)			
Oleonature	Elegant (Fibramix)			
	Charme (Country)			

Listone 190	Listone 140	Prima 190	Prima 140	Prima 140 smart	Listone 90	Listone 70
	3,5 mm 12,5 mm 140 mm 890 and 1200 mm				3,5 mm 11 mm 90 mm 590 and 800 mm	3,5 mm 11 mm 70 mm 490 and 600 mm
						
						
						
						
						
						

VARIANTS AND CUSTOMIZATIONS

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

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



NOTES

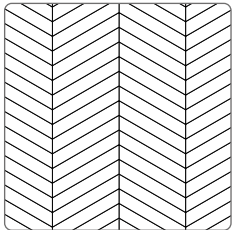
⁽¹⁾ This product is made to order, 35 m² **minimum quantity**. Smaller quantities are to be evaluated upon request. If accepted 300 € will be charged as setup **fixed costs**.



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CHEVRON PATTERN (60°)

top layer
total thickness
width
length

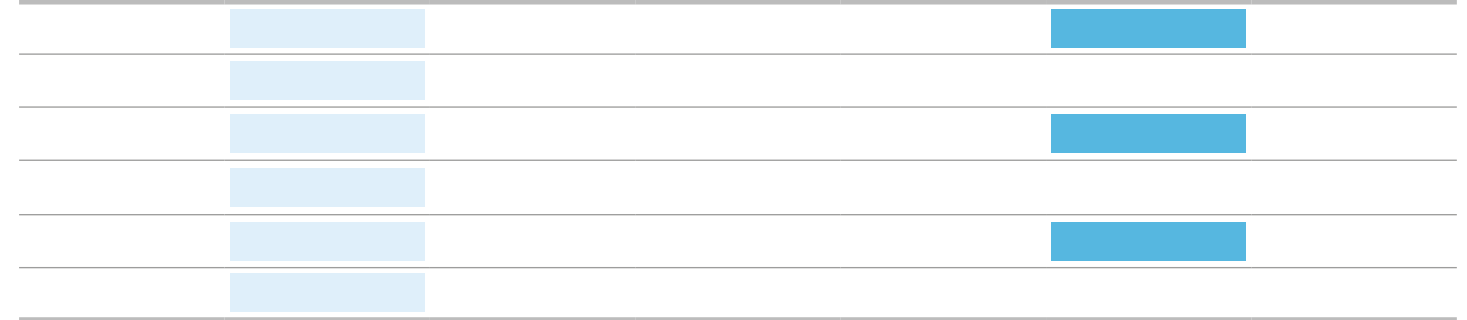
Plank 230 Plank 190 Plank 140

Naturplus2	Elegant (Fibramix)
	Charme (Country)
Mattplus	Elegant (Fibramix)
	Charme (Country)
Oleonature	Elegant (Fibramix)
	Charme (Country)

Listone 190 Listone 140 Prima 190 Prima 140 Prima 140 smart Listone 90 Listone 70

3,5 mm
12,5 mm
140 mm
835 mm

3,5 mm
11 mm
90 mm
540 mm



VARIANTS AND CUSTOMIZATIONS

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

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

square edge bevel

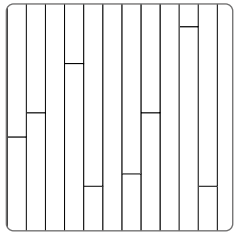
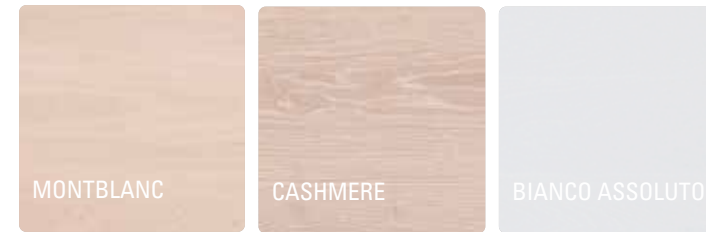
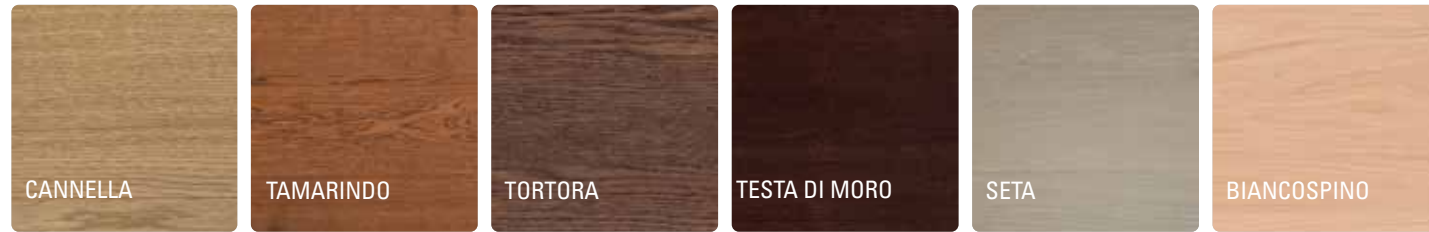
NOTES

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



OAK MICHELANGELO

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REGULAR INSTALLATION			Plank 230	Plank 190	Plank 140
			top layer	5 mm	5 mm
		total thickness	14 mm	14 mm	14 mm
		width	230 mm	190 mm	140 mm
		length	1500-2400 mm	1500-2400 mm	1200-2100 mm
CANNELLA, TAMARINDO, TORTORA, TESTA DI MORO, SETA, BIANCOSPINO, MONTBLANC, CASHMERE, BIANCO ASSOLUTO	Naturplus2 Matt ⁽¹⁾	Elegant (Fibramix)			
		Charme (Country)			
BIANCOSPINO, MONTBLANC	Oleonature	Elegant (Fibramix)			
		Charme (Country)			

Listone 190	Listone 140	Prima 190	Prima 140	Prima 140 smart	Listone 90	Listone 70
3,5 mm	3,5 mm	2,5 mm	2,5 mm	2,5 mm	3,5 mm	3,5 mm
12,5 mm	12,5 mm	10 mm	10 mm	10 mm	11 mm	11 mm
190 mm	140 mm	190 mm	140 mm	140 mm	90 mm	70 mm
1500-2100 mm	1200-2100 mm	1500-2100 mm	1500-1800 mm	800-1200 mm	600-1200 mm	490 e 600 mm

VARIANTS AND CUSTOMIZATIONS

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

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

NOTES

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

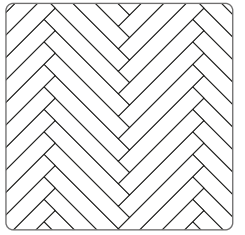
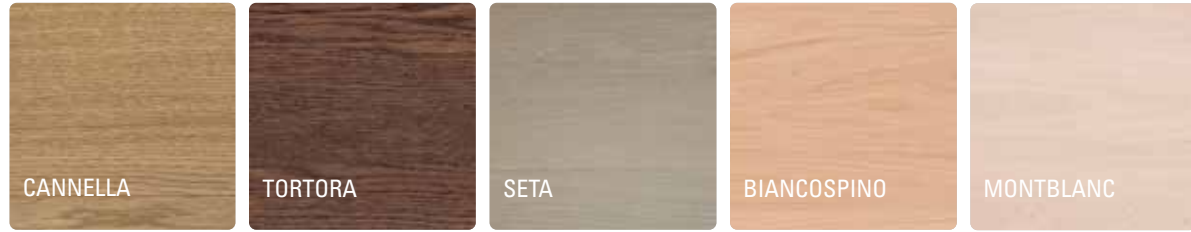
The **minimum order quantity** for Bianco Assoluto is 80 m². In other colours the minimum order quantity is 35 m². Smaller quantities are to be

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

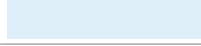


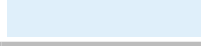
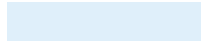

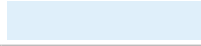
⁽¹⁾The Naturplus2 finish is available at no extra charge until 30/06/22. From this date on, it will be available as a customization: please ask the sales assistants for a quotation.

OAK MICHELANGELO

classica



		Plank 230	Plank 190	Plank 140
ITALIAN HERRINGBONE (90°)	top layer total thickness width length			
CANNELLA, TORTORA, SETA, BIANCOSPINO, MONTBLANC	Naturplus2 Matt ⁽¹⁾	Elegant (Fibramix)		
		Charme (Country)		
BIANCOSPINO, MONTBLANC	Oleonature	Elegant (Fibramix)		
		Charme (Country)		

Listone 190	Listone 140	Prima 190	Prima 140	Prima 140 smart	Listone 90	Listone 70
	3,5 mm 12,5 mm 140 mm 890 and 1200 mm				3,5 mm 11 mm 90 mm 590 and 800 mm	3,5 mm 11 mm 70 mm 490 and 600 mm
						
						
						
						

VARIANTS AND CUSTOMIZATIONS

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

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



NOTES

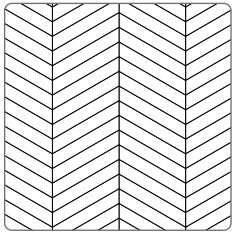
The **minimum order quantity** is 35 m². Smaller quantities are to be evaluated upon request. If accepted 300 € will be charged as setup **fixed costs**. assistants for a quotation.

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



OAK MICHELANGELO

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CHEVRON PATTERN (60°)			Plank 230	Plank 190	Plank 140
		top layer			
		total thickness			
		width			
		length			
CANNELLA, TORTORA, SETA, BIANCOSPINO, MONTBLANC	Naturplus2 Matt ⁽¹⁾	Elegant (Fibramix)			
		Charme (Country)			
BIANCOSPINO, MONTBLANC	Oleonature	Elegant (Fibramix)			
		Charme (Country)			

Listone 190	Listone 140	Prima 190	Prima 140	Prima 140 smart	Listone 90	Listone 70
	3,5 mm				3,5 mm	
	12,5 mm				11 mm	
	140 mm				90 mm	
	835 mm				540 mm	

VARIANTS AND CUSTOMIZATIONS

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

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



NOTES

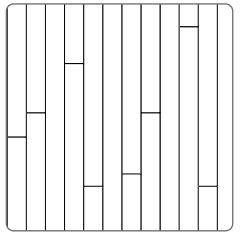
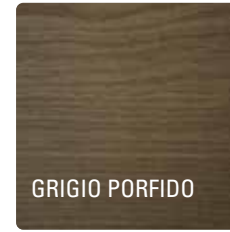
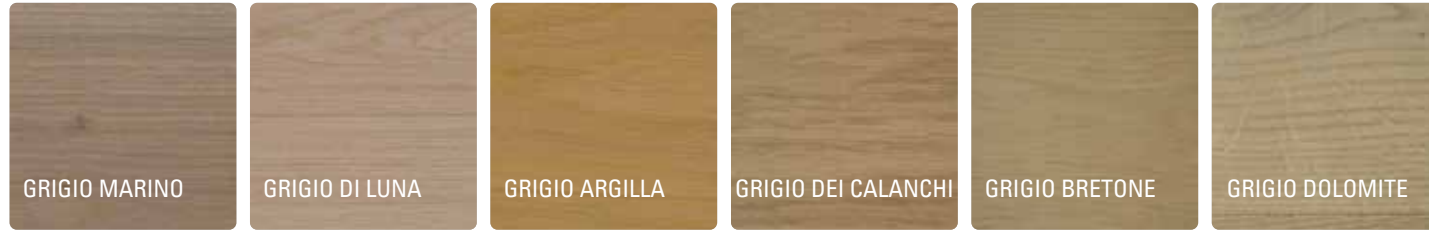
The **minimum order quantity** is 35 m². Smaller quantities are to be evaluated upon request. If accepted 300 € will be charged as setup **fixed costs**.

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

assistants for a quotation.

OAK GRISAGLIE

classica



REGULAR INSTALLATION			Plank 230	Plank 190	Plank 140
		top layer	5 mm	5 mm	5 mm
total thickness	14 mm	14 mm	14 mm		
width	230 mm	190 mm	140 mm		
length	1500-2400 mm	1500-2400 mm	1200-2100 mm		

ALL THE COLORS	Naturplus2 Matt	Elegant (Fibramix)			
		Charme (Country)			

Listone 190	Listone 140	Prima 190	Prima 140	Prima 140 smart	Listone 90	Listone 70
3,5 mm	3,5 mm	2,5 mm	2,5 mm	2,5 mm	3,5 mm	3,5 mm
12,5 mm	12,5 mm	10 mm	10 mm	10 mm	11 mm	11 mm
190 mm	140 mm	190 mm	140 mm	140 mm	90 mm	70 mm
1500-2100 mm	1200-2100 mm	1500-2100 mm	1500-1800 mm	800-1200 mm	600-1200 mm	490 and 600 mm

VARIANTS AND CUSTOMIZATIONS

Bevel Available in all products listed.

Specific lengths Supply of specific lengths required by the client.

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



NOTES

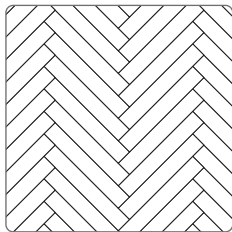
The products are supplied in the same **length or mixed lengths**, subject to availability. The supply may include up to 10% of the surface of shorter material than specified.

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



OAK GRISAGLIE

classica



ITALIAN HERRINGBONE (90°)	top layer	Plank 230	Plank 190	Plank 140
	total thickness			
	width			
	length			
ALL THE COLORS	Naturplus2 Matt	Elegant (Fibramix)		
		Charme (Country)		

Listone 190	Listone 140	Prima 190	Prima 140	Prima 140 smart	Listone 90	Listone 70
	3,5 mm				3,5 mm	3,5 mm
	12,5 mm				11 mm	11 mm
	140 mm				90 mm	70 mm
	890 and 1200 mm				590 and 800 mm	490 and 600 mm

VARIANTS AND CUSTOMIZATIONS

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

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



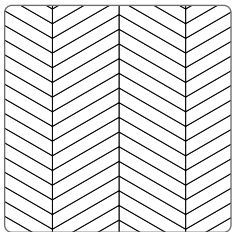
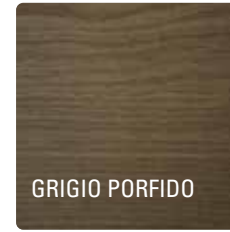
NOTES

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






OAK GRISAGLIE

classica



CHEVRON PATTERN (60°)		top layer	Plank 230	Plank 190	Plank 140
ALL THE COLORS	Naturplus2 Matt	total thickness			
		width			
		length			
		Elegant (Fibramix)			
		Charme (Country)			

Listone 190	Listone 140	Prima 190	Prima 140	Prima 140 smart	Listone 90	Listone 70
	3,5 mm				3,5 mm	
	12,5 mm				11 mm	
	140 mm				90 mm	
	835 mm				540 mm	
						
						

VARIANTS AND CUSTOMIZATIONS

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

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

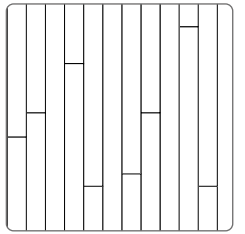
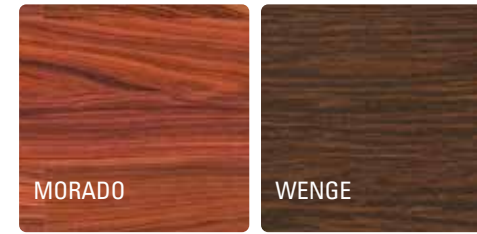


NOTES

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



COMPLEMENTARY WOOD SPECIES



REGULAR INSTALLATION			Plank 230	Plank 190	Plank 140
	top layer		5 mm	5 mm	5 mm
	total thickness		14 mm	14 mm	14 mm
	width		230 mm	190 mm	140 mm
	length		1500-2400 mm	1500-2400 mm	1200-2100 mm
CABREUVA KM 31	Xplus2	Elegant (Fibramix)			
	Oleonature	Elegant (Fibramix)			
IROKO	Naturplus2	Elegant (Fibramix)			
TEAK	Naturplus2	Elegant (Fibramix)			
	Invisible Touch	Elegant (Fibramix)			
	Oleonature	Elegant (Fibramix)			
AMERICAN WALNUT	Invisible Touch	Unica			
	Oleonature	Unica			
DOUSSIE ¹	Naturplus2	Elegant (Fibramix)			
	Naturplus2	Charme (Country)			
JATOBA	Naturplus2	Elegant (Fibramix)			
MORADO	Xplus2	Elegant (Fibramix)			
WENGE	Invisible Touch	Elegant (Fibramix)			
	Oleonature	Elegant (Fibramix)			

Listone 190	Listone 140	Prima 190	Prima 140	Prima 140 smart	Listone 90	Corona 70
3,5 mm	3,5 mm	2,5 mm	2,5 mm	2,5 mm	3,5 mm	3,5 mm
12,5 mm	12,5 mm	10 mm	10 mm	10 mm	11 mm	9 mm
190 mm	140 mm	190 mm	140 mm	140 mm	90 mm	70 mm
1200-2100 mm	1000-1800 mm	1200-2100 mm	1000-1800 mm	800-1200 mm	490-1200 mm	350-600 mm

VARIANTS AND CUSTOMIZATIONS

Italian Herringbone (90°)

Chevron pattern (60°)

Specific lengths Supply of specific lengths required by the client.

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

NOTES

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

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

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

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

⁽⁴⁾ Lengths 800-1200 mm.

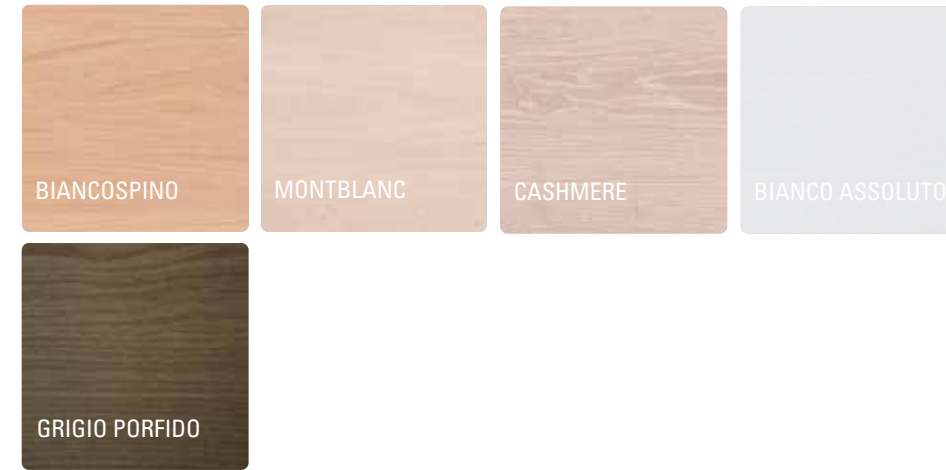
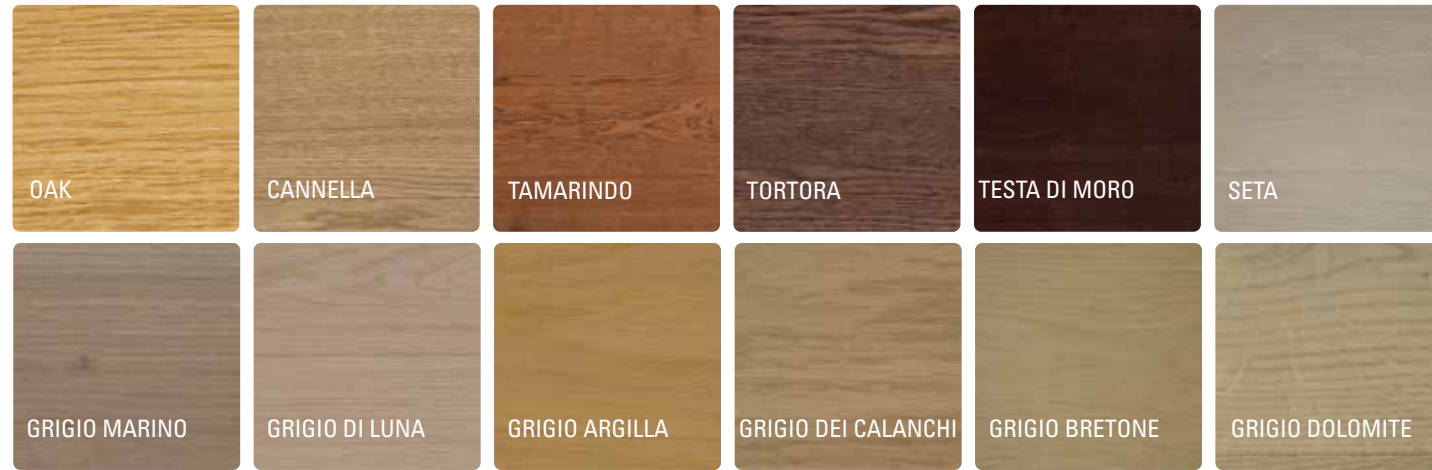
⁽⁵⁾ Lengths 1200-2100 mm.

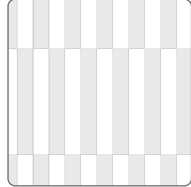

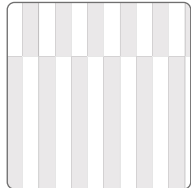



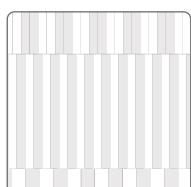


⁽⁶⁾ Width 182 mm, total thickness 15,5 mm, top layer 4,5 mm.

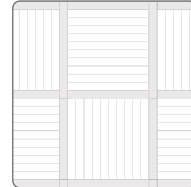



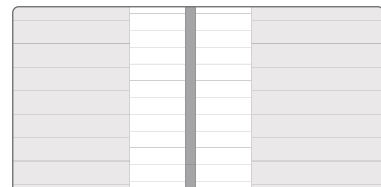



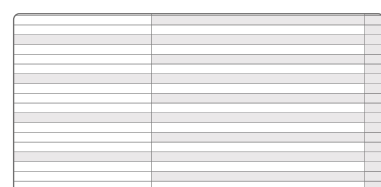

⁽⁷⁾ Available also in 10 mm thickness, top layer 2,5 mm, 150,30 €/m².

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





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

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

 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**.



ENVIRONMENTAL PROTECTION: BIOSPHERA



Biosphera is a marking system based on Listone Giordano's green procurement policy which meets the need to provide consumers with synthetic, clear and transparent information on the origin of the raw materials used. It focuses solely on the issue of forestry resources protection, in particular on their use in multilayer wooden floors. As such it is not meant to replace the internationally established certification protocols, which generally have broader fields of

application and wider scope. Listone Giordano through Biosphera aims to spread among its customers a culture of environmental responsibility and promote the purchase of certified wood.

BIOSPHERA CERTIFIED

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

BIOSPHERA CONTROLLED

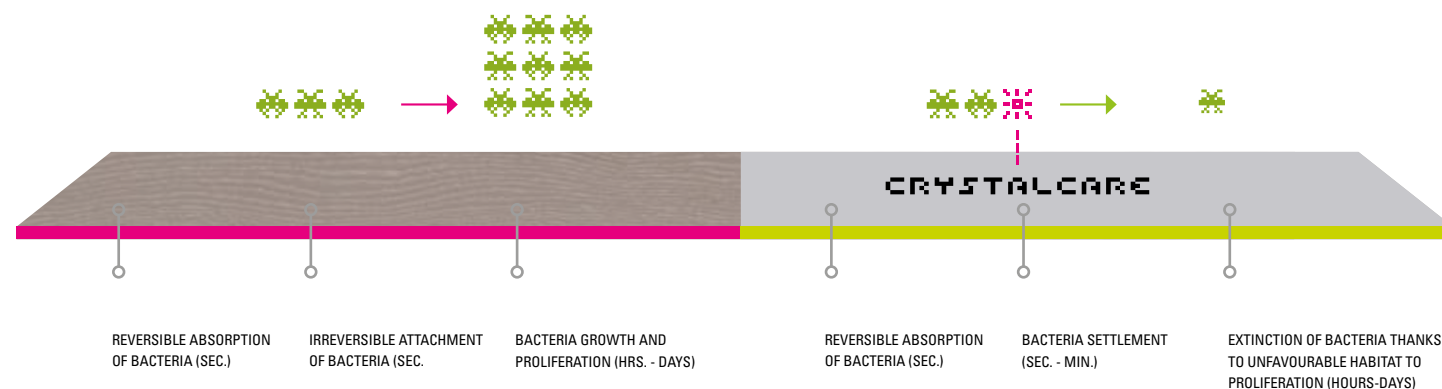
The mark identifies products made with raw materials whose legal origin and forestry management, although not yet certified, is however validated by specific audits and documentary evidence. This is usually the intermediate step towards the official forestry certification.

HEALTH PROTECTION: CRYSTALCARE



How would you enjoy walking barefoot on your wood floor? Thanks to Crystalcare, the antibacterial finish developed by Listone Giordano and ICRO, it is now totally safe. A simple additive incorporated into Xplus2, Naturplus2, Naturplus2 Matt, Mattplus, Invisible 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.



ISO 45001
Certification of Occupational Health and Safety Management System.



F-4 STARS

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



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

US TSCA

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



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



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



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



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

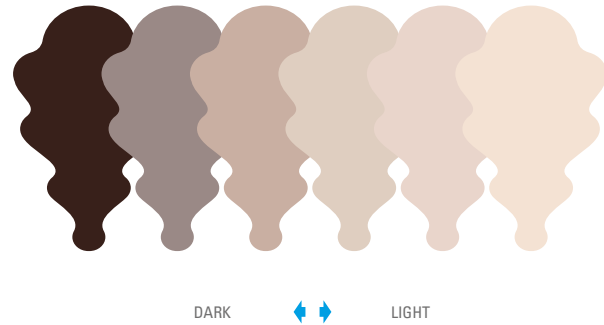


CE certification
Listone Giordano strictly complies to all CE rules related to wood floors.

GENERAL INFORMATION.

WOOD, A LIVING MATERIAL

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



COLOUR

The colour of wood largely depends on certain substances it contains, known as extractives. The colour of these substances is modified by exposure to air and light, so that the original colour of every parquet floor undergoes more or less marked transformations over time.

Due to the high extractives content in tropical wood species, they are especially prone to chromatic changes usually evolving into darker brown hues.

Iroko and Doussie are two of the species that undergo the strongest colour changes. Doussie, in particular, may in some cases undergo localised phenomena of strong and quick colour changes. Boards with originally similar colours may react differently and over time may turn into very different hues.

Under specific conditions these colour alterations may make the traces of mineral substances, a natural part of the wood structure, more evident.

Teak may initially show very conspicuous colour variations. These variations tend to diminish and disappear over time and the colour turns a consistent medium-light hue. Oak features a fair colour stability. With exposure to light it evolves into warmer hues, with the yellow component becoming more predominant. This phenomenon occurs even in pigment finished products (i.e. “Michelangelo” and “Grisaglie” range).

Monteriggioni and Montesiepi initially show marked colour variations (contrasts). Over time, their appearance will tend to homogenize towards a more neutral and lighter gray tone. This evolution happens even without light and air exposure and it's due to the natural colour change of the surface treatment.

Long exposure of some wood species to intense and direct sunlight, for instance near a French window, may cause discolouration (UV rays produce these effects on many materials other than wood). In order to limit this phenomenon, we recommend the use of curtains or special UV filtering films to be applied to the glazing.

SILVER GRAIN

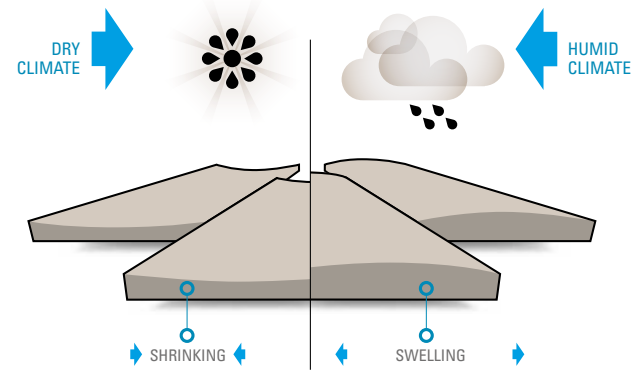
Oak boards sourced from a perfectly radial section of the log feature straight grain as well as ray flecks, typical lustrous figures even called silver grain.

Silver grain has always been sought after as an indicator of quality and value. In addition to the aesthetic factor due to more even grain, it also indicates better technical performance (dimensional stability, impermeability, etc.).

SAMPLES

Wood is a natural material, uneven and variegated by its very nature: every item is unique and unrepeatable. Therefore samples consisting of few boards can only provide a general idea of what a parquet will look like and cannot fully show the different hues, grains and unique features.

As mentioned above, wood colour tends to change over time, due to exposure to light and air. That is why a recently installed wood floor typically features a different appearance and hue compared to a sample panel of the same product which has been exposed to natural light for some time.



WEATHER CONDITIONS

Wood naturally undergoes swelling or shrinking, depending upon the moisture and temperature conditions it is exposed to. For a floor to always be in perfect conditions, **the air temperature must be kept between 15°C and 30°C and relative air humidity between 45% and 65%.**

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

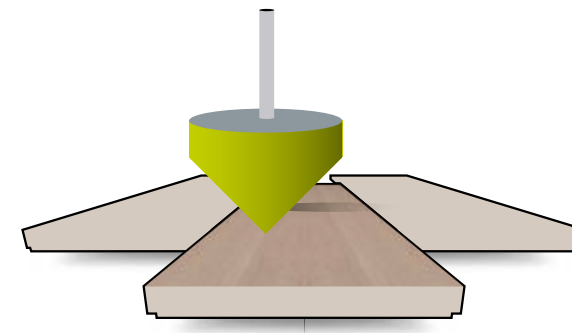
In certain situations, especially during the winter months, it may be necessary to use air humidifying systems in order to assure compliance with the indicated conditions.

In case of underfloor heating, in addition to the requirements for temperature and air humidity, the floor surface temperature limit with system in operation of 27°C should never be exceeded.

To prevent exceeding this limit, we recommend not to cover the floor with thick rugs or other materials having high thermal resistance in the case of underfloor heating. Listone Giordano products featuring birch plywood support (identified in the “Technical specifications” section) may also be used in particularly severe conditions of temperature and humidity, i.e. with relative air humidity down to 30%, and with floor surface temperature up to 29°C. Under these conditions the product retains its integrity and functionality, however it may be subject to phenomena typically connected to wood shrinking, such as warped board section (cupping), the formation of cracks between boards, or even the formation of fissures within the individual board.

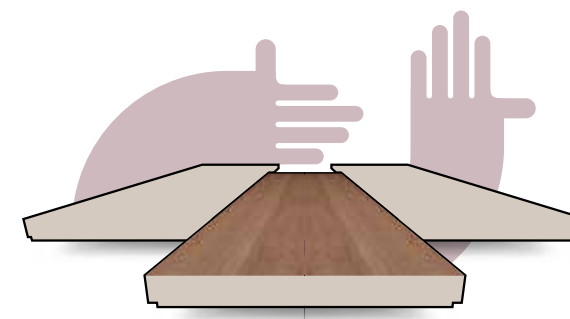
FISSURES

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



HARDNESS

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

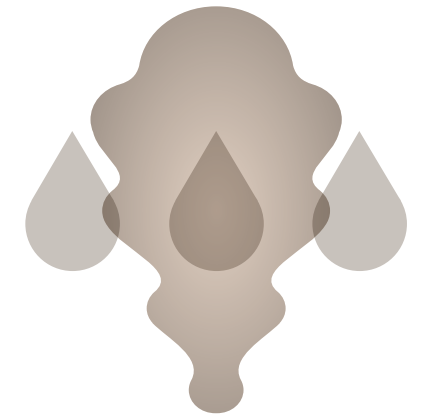


HANDCRAFT PROCESSING

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

VARNISHES

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



NATURAL OIL FINISHES

Products with natural oil finishes tend to yellow slightly, should these products be kept in their boxes for a long time or not be exposed to light and air.

This is an utterly natural and transitory phenomenon. All it takes for the product to regain its original appearance is to expose the boards to air and direct sunlight. In the event of exposure to indirect lighting, typical of indoors premises, the process may require a few weeks.

Natural oil-based finishes have the characteristic of continuing to permeate the wood fibres even after application, while the material is still in its packaging. Upon installation, the surface of the product may therefore appear especially “dry” in some areas. In that case all it takes is to apply the appropriate maintenance product immediately after installation.

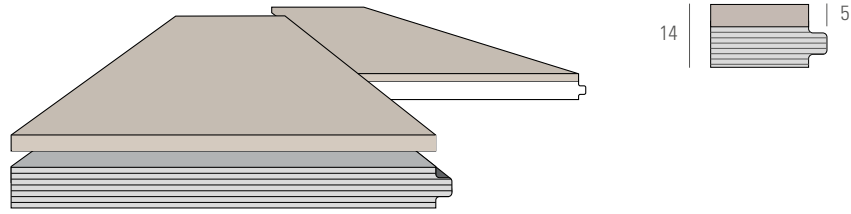
USE AND MAINTENANCE INSTRUCTIONS

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

TECHNICAL SPECIFICATIONS

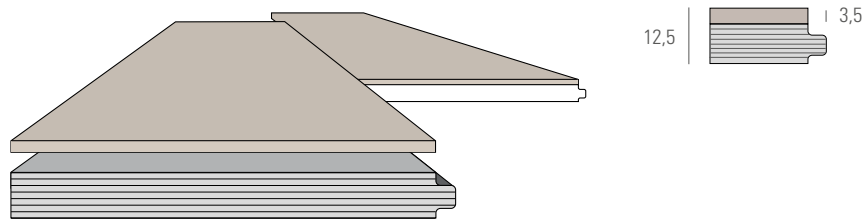
plank 230 - 190 - 140

TOP LAYER: 5 mm
SUPPORT THICKNESS: 9 mm
TOTAL THICKNESS: 14 mm
SUPPORT: BIRCH PLYWOOD
WEIGHT: 10,5 kg/m² ⁽¹⁾
THERMAL RESISTANCE: 0.086 m²K/W ⁽¹⁾
INSTALLATION: GLUED-DOWN



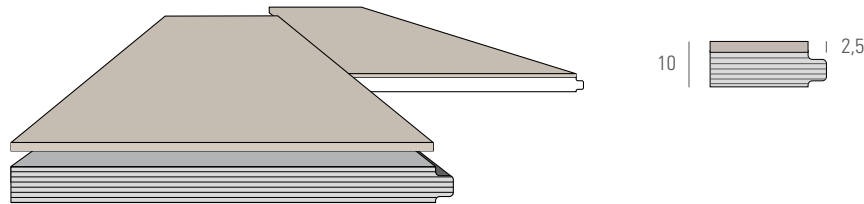
listone 190 - 140

TOP LAYER: 3.5 mm
SUPPORT THICKNESS: 9 mm
TOTAL THICKNESS: 12.5 mm
SUPPORT: BIRCH PLYWOOD
WEIGHT: 9,4 kg/m² ⁽¹⁾
THERMAL RESISTANCE: 0.077 m²K/W ⁽¹⁾
INSTALLATION: GLUED-DOWN



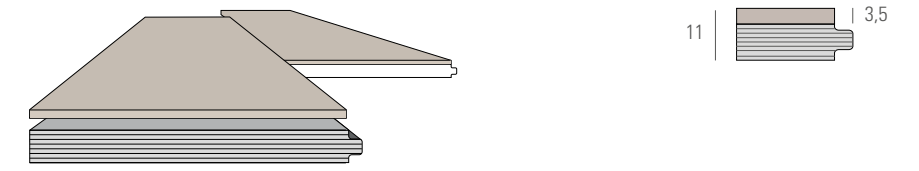
prima 190 - 140

TOP LAYER: 2.5 mm
SUPPORT THICKNESS: 7.5 mm
TOTAL THICKNESS: 10 mm
SUPPORT: BIRCH PLYWOOD
WEIGHT: 7,6 kg/m² ⁽¹⁾
THERMAL RESISTANCE: 0.062 m²K/W ⁽¹⁾
INSTALLATION: GLUED-DOWN



listone 90 - 70

TOP LAYER: 3.5 mm
SUPPORT THICKNESS: 7.5 mm
TOTAL THICKNESS: 11 mm
SUPPORT: BIRCH PLYWOOD
WEIGHT: 8,2 kg/m² ⁽¹⁾
THERMAL RESISTANCE: 0.067 m²K/W ⁽¹⁾
INSTALLATION: GLUED-DOWN



corona 70

TOP LAYER: 3.5 mm
SUPPORT THICKNESS: 5.5 mm
TOTAL THICKNESS: 9 mm
SUPPORT: BIRCH PLYWOOD
WEIGHT: 6,9 kg/m² ⁽¹⁾
THERMAL RESISTANCE: 0.055 m²K/W ⁽¹⁾
INSTALLATION: GLUED-DOWN



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

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

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

www.listonegiordano.com.

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

TECHNICAL SPECIFICATIONS

FINISHES

XPLUS2

CRYSTALCARE

High-resistance solvent-free varnish coating with a refined satin appearance. This finish features the anti-bacterial Crystalcare technology.

NATURPLUS2

CRYSTALCARE

Solvent-free varnish coating, which emphasizes the wood's grain and authenticity. This finish features the anti-bacterial Crystalcare technology.

NATURPLUS2 MATT

CRYSTALCARE

Solvent-free varnish coating, which emphasizes the wood's grain and authenticity and highlights the natural matt feature. The finish features the anti-bacterial Crystalcare technology.

MATTPLUS

CRYSTALCARE

Solvent-free varnish coating similar to an untreated surface in appearance and colour. This finish features the anti-bacterial Crystalcare technology.

INVISIBLE TOUCH

CRYSTALCARE

Water-based, air-dried finish. It protects wood whilst preserving the natural appearance and touch of an untreated surface. This finish features the anti-bacterial Crystalcare technology.

OLEONATURE

CRYSTALCARE

Natural oil-based, air-dried finish. Thanks to a special protective treatment applied as last coat, it features high protection and convenient maintenance. This finish features the anti-bacterial Crystalcare technology.

GRADES

Elegant (Fibramix)

Mixed grain. The boards may feature colour variations and knots. In the extra wide boards (width from 140 mm and over), knots may even be filled or partially filled.

Unica

Mixed grain and colour variations. Presence of knots, including filled or partially filled ones. Some boards may contain sapwood according to the different wood species.

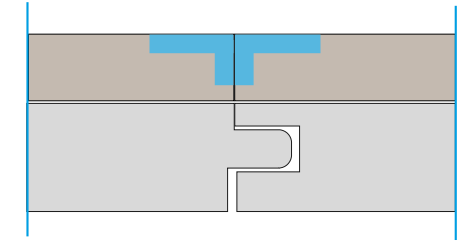
Charme (Country)

Mixed grain and colour variations. In Oak, widespread presence of knots, including filled or partially filled ones. In tropical species, in addition to marked colour contrasts, mineral formations typical of the structure of this type of wood may be visible.

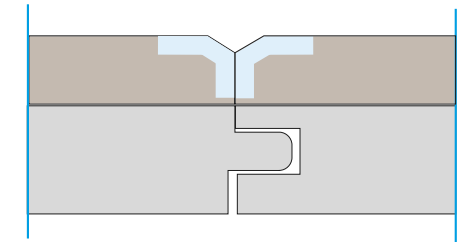
The short descriptions above mentioned don't fully represent the characteristics of each selection and must therefore be understood as indicative and not binding. A more complete and detailed description of the various grades is available on www.listonegiordano.com.

PROFILES

SQUARE EDGE



BEVEL



STAIR NOSINGS (PROFILE A)

	l	a	b	PRODUCTS
	1200 mm	190 mm	40 mm	Plank 230 / 190 / 140
	1200 mm	190 mm ⁽¹⁾	40 mm	Listone 190 / 140
	1200 mm	190 mm	40 mm	Prima 190 / 140 / 140 smart
	1200 mm	90 mm	40 mm	Listone 90
	1200 mm	70 mm	40 mm	Corona 70 / Listone 70

STAIR NOSINGS (PROFILE B)

	l	a	b	PRODUCTS
	1200 mm	190 mm	190 mm	Plank 230 / 190 / 140
	1200 mm	190 mm ⁽¹⁾	190 mm ⁽¹⁾	Listone 190 / 140
	1200 mm	190 mm	190 mm	Prima 190 / 140 / 140 smart
	1200 mm	90 mm	90 mm	Listone 90
	1200 mm	70 mm	70 mm	Corona 70 / Listone 70

THRESHOLD MOULDINGS

	a	l	PRODUCTS
	30 mm	1200 mm	All products

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

delivery terms will be confirmed from time to time.

These products are an handcrafted product so tolerances are typical of an artisan process. supplied in 140 mm.

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

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.

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

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

LISTONE GIORDANO PLATE

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

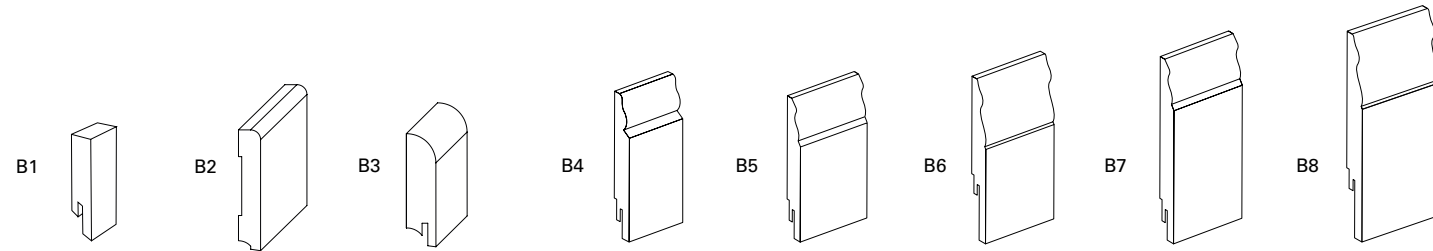
GLUE

	PRODUCTS
	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.
	VINYL ADHESIVE (vinyl adhesive suitable for the joints of floating wood flooring) - 0.5 Kg tin Average yield: 2,5 m ² /package

MAT UNDERLAYMENT

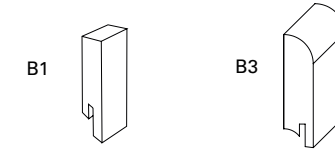
	PRODUCTS
	Polyethylene mat underlayment for floating floors. Thickness 3 mm. - 15 m ² package.

WHITE SKIRTING BOARDS



Profile	Height	Thickness	Length	Pretreated ⁽¹⁾	RAL 9003 White	RAL 9010 White
B1	45 mm	13 mm	2,40 m			
B1	50 mm	10 mm	2,40 m			
B2	80 mm	14 mm	2,40 m			
B3	60 mm	16 mm	2,40 m			
B3	70 mm	10 mm	2,40 m			
B4	96 mm	16 mm	2,40 m			
B5	96 mm	16 mm	2,40 m			
B6	108 mm	16 mm	2,40 m			
B7	118 mm	16 mm	2,40 m			
B8	130 mm	16 mm	2,40 m			

NATURAL WOOD SKIRTING BOARDS



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

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

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

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

We recommend white skirting boards to

