# Werner Floors®

# Hamburg









www.durafloor-werner.com







### Company Profile

Durafloor Werner GmbH was founded by Matthias and Christian Werner. To protect our primary aim of providing outstanding quality to our customers, Matthias and Christian founded their own production company. There more than 250 well-trained employees produce parguet mainly for the European and US market. What began with bamboo and oak parquet increased to a variation of wood flooring, which we are able to offer in different thicknesses and varieties. When the factory was established, high-quality German machinery as well as diamond tools from German suppliers were installed. The glues, varnishes, and oils that are used in our production process are also obtained from established German or other European manufacturers. Due to this fact we were quickly able to attain and maintain the highest quality standards according to DIN EN ISO 9001:2008 with regard to accurate precision, excellent raw materials, proper wood moisture, and very high durability. Furthermore, we are proud to manufacture according to FSC standards and our parquet flooring meeting the requirements of the EU directive EN 14342. Thanks to our consistent quality and reliability we are known as a highly reputable supplier of all kinds of parquet in over 20 countries on 3 continents. Our quality standard and the ability to implement special requests mean that our product as well as our service is valued by our customers. This positive acknowledgement is further demonstrated by the realization of established projects all over the world. For example Daimler, Rolls Royce, Al Muneera, Hilton Group, the Max-Plank-Institute, Steigenberger Hotels and the Ritz-Carlton group as well as numerous publishers, banks, insurance companies, etc. were won over by our unique Werner Floors® parquet. Our headquarter and distribution center is located on the Elbchaussee in Hamburg, Germany. We look forward to your requests and challenges.

# Werner Floors® Parquet

Werner Floors® quality parquet has become well-known in the national and international market for private and commercial use. Initially our product range was specialized in bamboo and oak parquet, however we have expanded this range to include a variety of woods such as Wenge, Zebrano, Doussié, Smoked Oak, Walnut, Burma Teak, Jatoba, Ash, American Cherry, Merbau, and Canadian Maple. All our wood floorings create a modern and exclusive atmosphere and assure a highly decorative and sophisticated look. We mostly produce multilayer engineered parquet and partly 3-ply engineered parquet. Bamboo flooring is also offered as solid parquet. Thanks to our progressive production site, we are able to realize all kinds of individual flooring requests, such as particular sizes, usable layers or surface treatments. This flexibility, as well as our quality and reliability are highly appreciated by our customers around the world.

We are pleased and proud to present you our extraordinary high-quality products.

U. Werner Omotion Cens



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The Production of Bamboo Parquet

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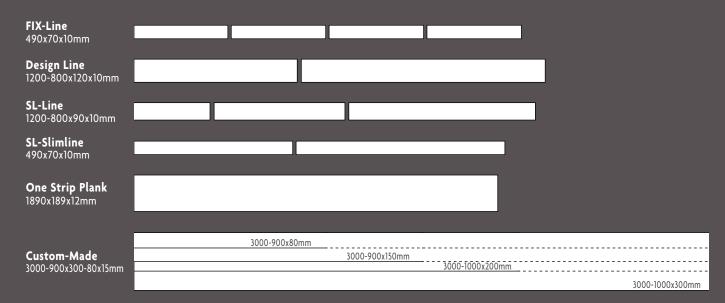




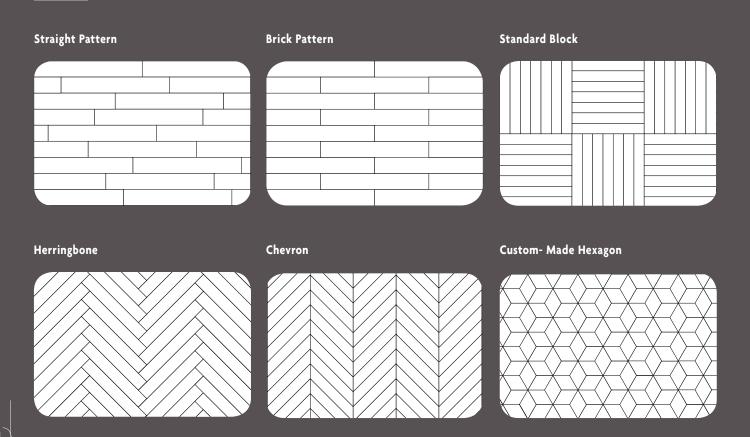


# **DIMENSIONS AND PATTERNS**

# Various dimensions in scale



### <u>Pat</u>terns





### CONSTRUCTIONS

### Engineered multilayer parquet

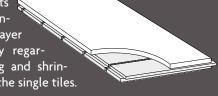
Multilayer parquet has a multilayer structure. The wearing layer comprises a bamboo or wood course and the base comprises multiply wood or spruce lamellae, which are turned 90 degrees and glued to the wearing layer. This construction limits the swelling and shrinking behavior of bamboo and all types of wood considerably. Despite its lower installation height the multilayer bamboo or wood parquet has a long service life and can be sanded multiple times. Our multilayer assortment comprises different sizes of parquet tiles, from the smallest tile with a length of 490mm to our Design-Line with a length of up to 1200mm and one strip planks with up to 1890mm. The Design-Line is characterized by the diversity of large elements from 1200-800mm and is made perfect with the special width of 120mm. The plank characteristic is combined with the advantages of the multilayer parquet and is therefore one of

the best variants for installing on underfloor heating. "Please mind the instructions for underfloor heading"

### SL-Line & Design-Line

Both Construction Lines comprise a variation of parquet lengths with predominant long plank elements. By combining the impressive, large elements with the short tiles, the unique nature of the wood is authentically reflected in the installation pattern and the natural appearance of the wood is enhanced.

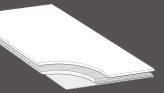
Both Lines benefits from the advantages of a multilayer structure, mainly regarding the swelling and shrinking behavior of the single tiles.



# 3-ply Parquet Tongue and Groove

This 3-ply parquet configuration is different to the 3-ply Clic parquet due to its tongue and groove system and can therefore be fitted in a floating installation or glued down.

Due to its large dimensions, 3-ply parquet has the appearance of planks and creates a luxurious and classy ambience.



# 3-ply Parquet Clic

The 3-ply Clic parquet is very simple to install. This Clic system is perfectly suited to a floating installation because it can be installed simply "with a Clic" without

the use of any glue.
Due to its dimensions,
Clic parquet has the
appearance of planks.



# **Solid Parquet**

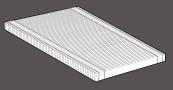
This parquet has a particularly solid appearance. The wearing layer is usually fractionally thicker than with the 2-and 3-layer parquet types. Due to the precise accuracy of

fit, we are able to offer solid parquet with all surface treatments, which creates cost savings during installation.

# In<u>dustrial Parquet</u>

Industrial parquet is the classic vertical lamellae parquet. The design is timeless, yet modern due to the fine lines on the surface. The lamellae of the industrial parquet are fixed with tape, which is sanded off after installation. In order to close the hairline gaps between the lamellae, the untreated parquet flooring is washed with joint sealer and subsequently sealed or oiled. The particular advantage of

industrial parquet is the large wearing layer (10, 17 or 21mm). The appearance is somewhat more robust than that of the plank elements.









# **OVERVIEW OF OAK**







OVERVIEW OF BAMBOO















# **OVERVIEW OF TREND WOODS**



# **HARDNESS**

Product	Origin	Degree of hardne	ess		
		soft	medium	hard	very hard
Maple	Canada				
Ash	Europe				
Bamboo Horizontal	Asia				
Bamboo Vertical	Asia				
American Cherry	North America				
Oak	Eurasia				
Merbau	Asia				
Doussié	Africa				
Strand Bamboo	Asia				
Jatoba	South America				
Zebrano	Africa				
Walnut	North America				
Smoked Oak	Europe				
Wenge	Africa				
Birch	Eurasia				
Burma Teak	Asia				







### SURFACE TREATMENTS

Parquet flooring surfaces are treated using three main processes, which can be further subdivided to an extent: 7-Pro UV-varnish, UV-oil or natural oil and oil/wax.

There are specific advantages of all three processes and it is therefore impossible to come to a general conclusion as to which type of finish is the best. However, 7-Pro UV-varnish requires the least amount of maintenance, while UV-oil needs somewhat more and natural oil or oil/wax needs the most, although the advantage of the latter system is that small repairs can be made to it.

### 7-Pro UV-varnish - the Easy Care Method

Our 7-Pro UV-varnish is a highly resistant protective system for parquet floorings, which have to endure all kinds of wear and tear. This highly protective system is applied in seven layers. The 7-Pro UV-varnished flooring is easy to care for – dirt cannot penetrate the wood and can therefore be easily removed.

### **UV-oil**

To protect the parquet flooring our UV-oil is applied in a process involving several coats and it is hardened by UV-light. UV-oil does not penetrate the wood, as it remains on the surface of the parquet in a similar way to a varnish. Maintenance is easier than with natural oil and can be carried out using approved care products.

For further surface treatments see pages 16-17.

### **Untreated**

The untreated parquet surface has to be sanded after installation and can then be treated with a suitable product of choice, to achieve the desired look.

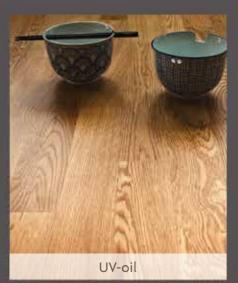
### Natural oil / Oil-wax

Natural oil gives flooring an open-pored protection. This type of treatment creates a matte, very natural looking surface, whereby the structure of the wood is enhanced.

Even though the surface is treated, the parquet can continue to breathe – absorbing and emitting air nearly unimpeded. This has a positive effect on the atmosphere indoors. However, an oiled floor requires more care than sealed surfaces. Apart from regular cleaning, it should also be treated with parquet oil at least once a year. However, treatment intervals depend greatly on how much wear and tear the floor is exposed to and may be significantly shorter. Nevertheless, repairing a scratched, oiled parquet floor is much easier than repairing one with a varnished surface. Separate areas can be sanded easily and can then be newly oiled. It is also possible to reapply oil to high traffic areas.

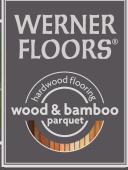














# OAK PARQUET FIX-LINE

# **Engineered Multilayer Oak Parquet**

Oak parquet is the classic amongst parquet woods. In recent years this parquet, with its endless tradition, has enjoyed a grandiose comeback. Architects and developers have opted for this impressive parquet flooring in select largescale projects around the globe. The range of gradings, from rustic to select, and the various types of surface treatment (brushed, different gloss levels, various color options, etc.) mean that we can provide a whole range of special accents using this wood.

Construction	Size in mm	Grading	Base	UL*	Surface	Article
Multilayer	Multilayer 490x70x10 S-Natura Multiply wood 3.8 mi	3.8 mm	7-Pro UV-varni- shed	11 302		
					Natural oiled	11 303
Multilayer	490x70x10	Natura	Multiply wood	3.8 mm	7-Pro UV-varni- shed	11 304
Multilayer	490x70x10	Hanseat	Multiply wood	3.8 mm	7-Pro UV-varni- shed	11 305
Multilayer	490x70x10	490x70x10 Rustic Multiply wood 3.8 mr		3.8 mm	7-Pro UV-varni- shed	11 307
					Natural oiled	11 308

For further surface treatments see pages 30-31.

### Custom - made products on request

- Other dimensions
- Other bottomlayer (for example: spruce/pine)









# SMOKED OAK / SMOKED OAK ANTIQUE

### Smoked Oak / Smoked Oak Antique

Smoked Oak is an oak wood that has a modified color. The wood is core smoked using a complex process and thus achieves a black-brown tone. The typical oak grain remains intact and the wood is highly stylish due to its dark color. With the Smoked Oak Antique we created a new version which looks and feels vivid and even warmer.

# **Smoked Oak Antique**

# Technical Data

Construction: Engineered multilayer single tile,

tongue and groove

Hardness (after Brinell): Hard

5.5 – 6.5 kg/m² Weight: Wood moisture at delivery: Approx. 7% Mounting: Fully glued down

Engineered parquet has a multilayer structure. The wearing layer comprises a Smoked Oak course and the base layer comprises spruce, pine or multiply wood lamellae, which are turned 90 degrees and glued to the wearing layer. This construction limits the swelling and shrinking behavior of all types of wood considerably, and is therefore one of the best variants for installing on underfloor heating.

12 010

### Smoked Oak

omonea oan	711111900					
Construction	Size in mm	Grading	Base	UL*	Surface	Article
Multilayer	1200-800x90x10**	S-Natura	Multiply wood	3.8 mm	Supermatt 7-Pro UV-varnished	10 978
Multilayer	1890x189x13.5***	S-Natura	Multiply wood	3.8 mm	Supermatt 7-Pro UV-varnished	11 601
•					Natural oiled	11 602
Smoked Oak						
Construction	Size in mm	Grading	Base	UL*	Surface	Article
N.4 4:	4007010	C Natura	N4 £:	3.0	7-Pro UV-varnished	12 009
Multilayer	490x70x10	S-Natura	Multiply wood	3.8 mm	A COLUMN TO THE PARTY OF THE PA	

### **Custom - made products on request**

- Other dimensions
- Different surface treatment

Smoked Oak Antique

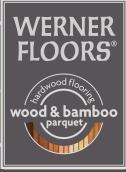
- Other thickness of the usable layer
- Other bottom-layer
- Other construction types (for example: 3-ply)

Natural oiled

\* Usable layer \*\* (60-70% rest other length)









# OAK PARQUET SL-LINE & DESIGN-LINE

# Engineered Multilayer Oak Parquet SL-Line & Design-Line

The Werner Floors® SL-Line comprises a variety of parquet lengths with predominant long plank elements. By combining the impressive, large elements with the short planks, the unique nature of the wood is authentically reflected in the installation pattern and the natural appearance of the wood is enhanced.

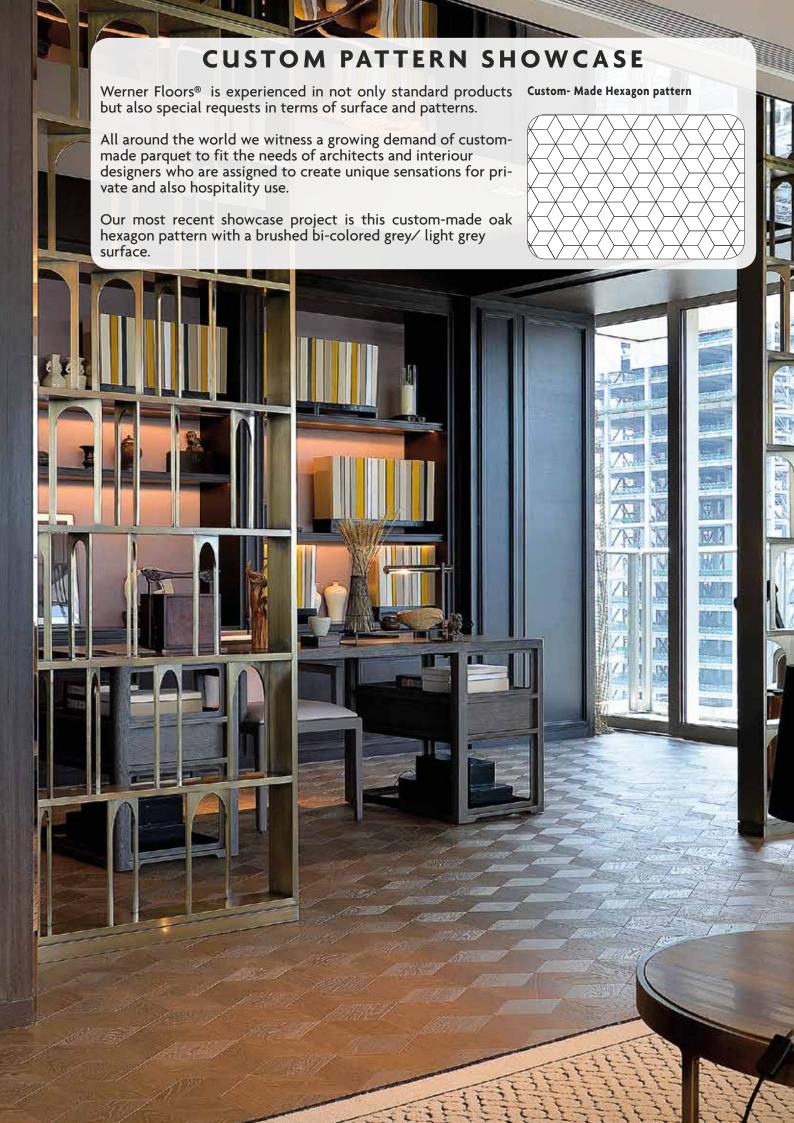
Our Design-Line is characterized by the diversity of varying large tiles. The natural appearance of the wood is particularly emphasized by the lengths of 1200 – 800mm and is made perfect with the special width of 120mm. The plank characteristic is combined with the advantages of the multilayer parquet and is therefore one of the best variants for installing on underfloor heating.

SL-Line	<u>SL-Line</u>									
Construction	Size in mm	Grading	Base	UL*	Surface	Article				
	1200-800x90x10**	S-Natura	Multiply wood	3.8 mm	7-Pro UV-varnished	11 310				
Multilayer		Rustic	Multiply wood	2.0	Natural oiled	11 312				
		Rustic	Multiply wood	3.8 mm	7-Pro UV-varnished	11 600				
Design-Line										
Construction	Size in mm	Grading	Base	UL*	Surface	Article				
A 4. Jailanna n	1200 000,120,12**	C Natura	A 4 £i	2.0	7-Pro UV-varnished	10 955				
Multilayer	1200-800x120x12**	S-Natura	Multiply wood	3.8 mm	Natural oiled	11 313				
For further surf	ace treatments see	pages 30-31								

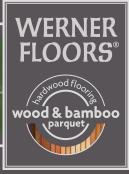
### Custom - made products on request

- Other dimensions
- Different surface treatment
- Other thickness of the usable layer
- Other bottomlayer
- Other construction types (for example: 3-ply)
- \* Usable layer \*\*(60-70%, rest other lenghts)











# OAK PARQUET ONE STRIP PLANK

# **Engineered Multilayer Oak Parquet**

As the typical parquet element our Werner Floors® one strip plank will provide every interior with a homelike atmosphere. This plank can be combined with all kinds of interior designs without difficulties.

With its lenghts of 1890mm and its width of 189mm the One Strip Plank creates a natural and warm ambience.

Construction	Size in mm	Grading	Base	UL*	Surface	Article
Multilayer with micro- bevel	1890x189x13.5**	Rustic	Multiply	3.8 mm	7-Pro UV- varnished	10 956
			matcipty		Natural oiled	11 315
Multilayer with micro- bevel	1890x189x13.5**	Homoge- nous	Multiply	3.8 mm	White natural effect, brushed & 7-Pro UV-varnished	12 900
Multilayer with micro-	1890x189x13.5**	Natura	Multiply	3.8 mm	7-Pro UV- varnished	12 958
bevel	1070/107/13.3	1 total a	···a.cipty	3.3 11111	Natural oiled	12 959

For further surface treatments see pages 30-31.

### Custom - made products on request

- Other dimensions
- Other bottomlayer





# OAK PARQUET ONE STRIP PLANK

# Available Gradings

The One Strip Plank is available in "Rustic" and "Natura" grading. The Rustic grading comes with a expressive and natural character due to its knots and a little percentage of sapwood. Combined with differential colors and wood texture this creates a lively, natural and comfortable ambience.

Our Natura grading is handpicked and allows no great differences in structure and color. Only few and small knots combined with nearly no sapwood creates a harmonious ambience without losing the natural look of the wood.











### OAK SPECIAL SURFACE TREATMENTS



### Brushed & 7-Pro UV-varnished (20% white)

A brushed surface emphasizes the structure of the wood and its natural appearance. The white-pigmented varnish gives the flooring a beautiful color and makes your rooms seem brighter.

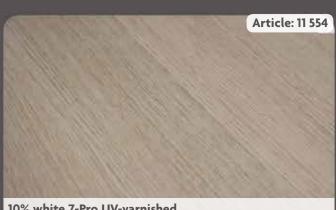


### Brushed & supermatt 7-Pro UV-varnished (microbevel)

The pure character of the wood is brought out by brushing the surface. In addition, the new supermatt 7-Pro UV-varnish creates a modern but natural look and feel.



The wood's structure is brought out significantly by brushing the surface. This effect is emphasized by the white tint, which is particularly intensive in the brushed indentations. As with all 7-Pro UV-varnished surfaces, this parquet is easy to care.



### 10% white 7-Pro UV-varnished

The 7-Pro UV-varnish is applied in seven coats and protects the parquet from being penetrated by dust, dirt, and moisture. Due to the 10% white tinted varnish, the color is lighter and you can set modern accents that differ from the classic parquet tone.



ness. This results from the light and supermatt surface through which the wood structure and color is still recognizable. With a slightly brushed surface this parquet also feels warm and natural.



A brushed surface emphasizes the structure of the wood and its natural grain. This visual appearance is accented by the brushed treatment, which is particularly intensive.



For your order simply select a surface article number + desired size + desired grading even more treatments possible, see our sample book and do not hesitate to contact us -



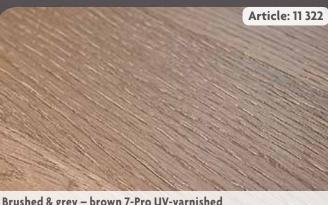
### Brushed & 7-Pro UV-varnished

The wood's structure is significantly brought out by brushing the surface and the age of the tree is clearly visible. The 7-Pro UV-varnish is applied in seven coats and is therefore durable and easy to care.



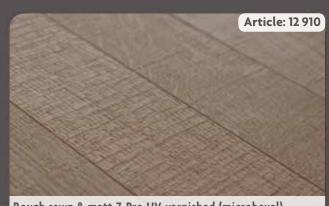
### Brushed & natural oiled

A brushed surface emphasizes the structure of the wood and its natural grain. The pure character of the wood is maintained with a natural oiled



### Brushed & grey - brown 7-Pro UV-varnished

Arranging your home starts with picking the perfect floor. This brushed and grey-brown stained parquet sets individual and modern accents. As with all 7-Pro UV-varnished surfaces, this flooring is easy to care.



### Rough sawn & matt 7-Pro UV-varnished (microbevel)

With this special rough sawn oak surface, we have created an oak parquet with extraordinary look and feel. The matt varnished flooring combines the advantages of easy care and natural feeling.



This supermatt grey varnished parquet combines modernity and coziness. This combination results from the dark and ultra matt surface through which the wood structure and color is still recognizable.



A brushed surface emphasizes the structure of the wood and its natural grain. The visual appearance is characterised by the brownish-grey matt open-pored finish.







# OAK GRADINGS

Choosing the grading of the parquet is usually the last step in achieving the perfect flooring. We want to assist you in making your choice by presenting the standard gradings.



### S-Natura

Due to the handpicked parquet tiles that do not differ greatly in structure and color, this grading shows pure elegance and creates a harmonious atmosphere. It contains only few knots and little visible sapwood. The S-Natura grading has an even and homogeneous appearance without losing the natural look of the wood.



### Natura

The natural growth of the oak shapes this kind of parquet flooring. Small knots and the interaction of color and structure create a harmonious ambience.



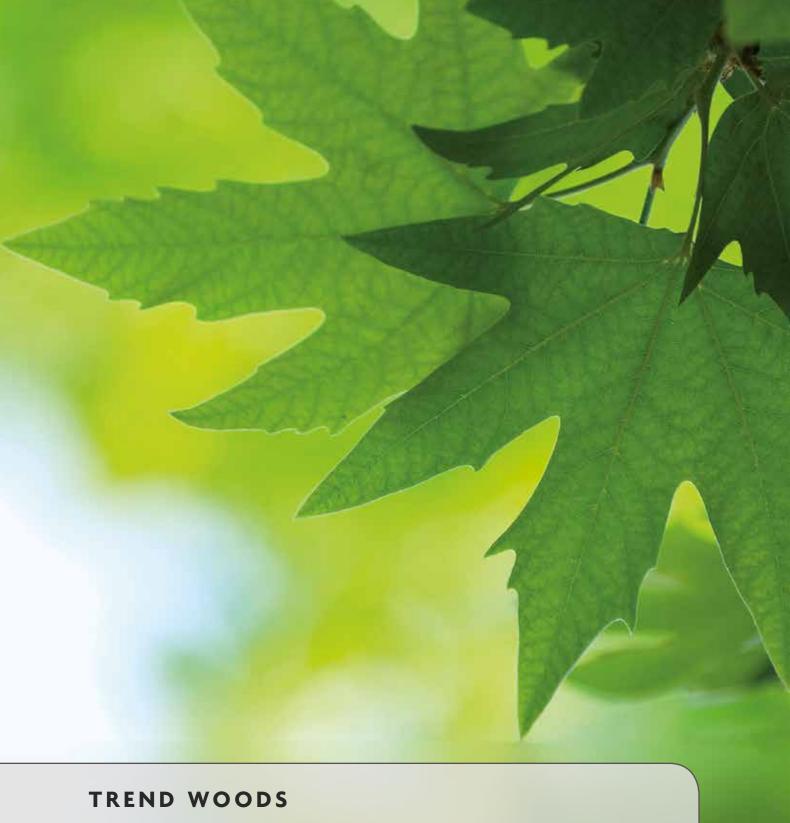
### Hanseat

Small knots combined with the elegant interplay of structure and color create a homelike atmosphere. This grading shows the natural character of the wood, but is more homogeneous than our rustic grading.



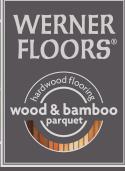
### Rustic

The expressive flooring combines a natural pattern of knots with a lively interplay between color and structure. This parquet reflects the typical nature of the wood.



Apart from oak, we have compiled an extensive selection of other woods to supply our customers with a large range of colors and characteristics. Because of this, Werner Floors® parquet can create every possible atmosphere and every home will reflect an individual style. Modern, elegant, classy, or bright and inviting; the following range of woods can complete interior designs or set special accents.







# WENGE

# Wenge

The color of Wenge, native to central Africa, varies from black to dark brown. The marked dark color and the unique differences in color and structure are further intensified by the gradual darkening process. This decorative fine wood combines especially well with an exclusive ambience. The particularly open-pore structure of the wood can be retained with the right surface treatment and thus contributes to a highly natural overall surface appearance.



### **Technical Data**

**Construction**: Engineered multilayer single tile,

tongue and groove

Hardness (after Brinell): Very hard

Weight: 6 − 7 kg/m²

Wood moisture at delivery: Approx. 7%

Mounting: Fully glued down

Our SL-Line comprises a variation of parquet lengths with predominant long plank elements. By combining the impressive, large elements with the short planks, the unique nature of the wood is authentically reflected in the installation pattern and the natural appearance of the wood is enhanced.



Construction	Size in mm Grading Base		Base	UL*	Surface	Article
N.A leila au	ultilayer   1200-800x90x10**   Natura   Multiply wood	20	7-Pro UV-varnished	13 008		
Multilayer		Natura	Multiply wood	3.8 mm	Natural oiled	11 417
N 4   4.     1	tilayer 1200-800x120x11.5** Natura Multiply wood	A A Jest J	2.0	7-Pro UV-varnished	11 603	
Multilayer		Natura	Multiply wood	3.8 mm	Natural oiled	11 605

# Custom - made products on request

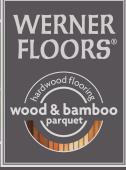
- Other dimensions
- Different surface treatment
- Other thickness of the usable layer
- Other bottomlayer
- Other construction types (for example: 3-ply)
- \* Usable layer \*\* (60-70% rest other length)



WENGE









### WALNUT

# Walnut

This desirable wood has the typical walnut color of light brown to dark brown with a dominant, vivid grain. With its special combination of warm brown tones and the impressive interplay of growth forms, the walnut is popular in modern architecture with a clear language of form. The black walnut is native to North America.



### **Technical Data**

**Construction**: Engineered multilayer single tile,

tongue and groove

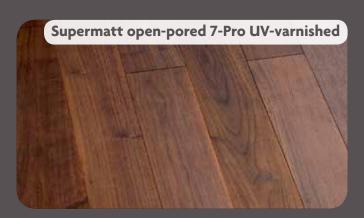
Hardness (after Brinell): Medium

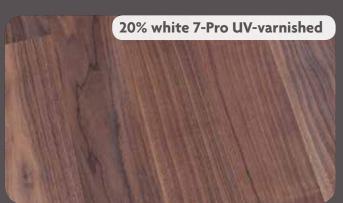
Weight: 5,5 - 6,5 kg/m²

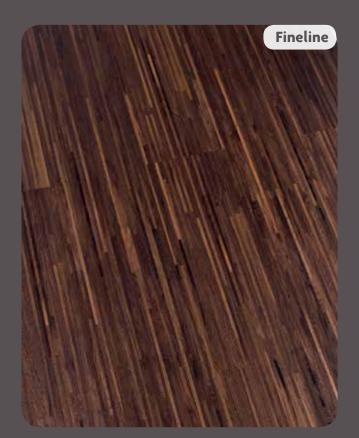
Wood moisture at delivery: Approx. 7%

Mounting: Fully glued down

Our SL-Line comprises a variation of parquet lengths with predominant long plank elements. By combining the impressive, large elements with the short planks, the unique nature of the wood is authentically reflected in the installation pattern and the natural appearance of the wood is enhanced.









### Custom - made products on request

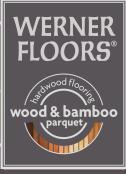
- Other dimensions
- Different surface treatment
- Other thickness of the usable layer
- Other bottomlayer
- Other construction types (for example: 3-ply)
- \* Usable layer \*\* (60-70% rest other length)



WALNUT









### ZEBRANO

### Zebrano

The basic color of Zebrano, native to western Africa, is grey-brown with a marking of dark-brown to olive-brown stripes. This lends it a zebra print-like appearance, something that has not only given the wood its name but that also provides it with a highly decorative and refined character.



### **Technical Data**

**Construction**: Engineered multilayer single tile,

tongue and groove

Hardness (after Brinell): Hard

Weight: 6 − 7 kg/m²

Wood moisture at delivery: Approx. 7%

Mounting: Fully glued down

Our SL-Line comprises a variation of parquet lengths with predominant long plank elements. By combining the impressive, large elements with the short planks, the unique nature of the wood is authentically reflected in the installation pattern and the natural appearance of the wood is enhanced.

Construction	Size in mm	Grading	Base	UL*	Surface	Article
Multilavan	1200 900,00,10**	Natura	Multiply was a	20	7-Pro UV-varnished	15 006
Multilayer	1200-800x90x10**	Natura	Multiply wood	3.8 mm	Natural oiled	11 421
NA Jellana	1200 000 120 11 5**	NIstana	M. R. J. C. J.	2.0	7-Pro UV-varnished	11 609
Multilayer	1200-800x120x11.5**	Natura	Multiply wood	3.8 mm	Natural oiled	11 611
	rface treatment ness of the usable la	yer	• Other		layer ction types (for example: 3-g rest other length)	ply)







### **BURMA TEAK**

### Burma Teak

This tropical hardwood is known for its durability and its brownish red colour. Unlike untreated timber, the varnished parquet will not darken. Growing in southeast Asia the hardwood comes with a high level of silica and natural oil. Teak is generally straight grained with a coarse and uneven texture.



# Technical Data

**Construction**: Engineered multilayer single tile,

tongue and groove

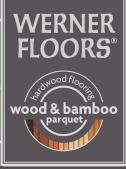
Hardness (after Brinell): Hard

Weight: 6.5 − 7.2 kg/m²
Wood moisture at delivery: Approx. 7%
Mounting: Fully glued down

Our SL-Line comprises a variation of parquet lengths with predominant long plank elements. By combining the impressive, large elements with the short planks, the unique nature of the wood is authentically reflected in the installation pattern and the natural appearance of the wood is enhanced.









# **JATOBA**

# Ja<u>toba</u>

The Jatoba, also known as the Brazilian Cherry, has a reddish-brown color. Marked with a grain that tends to be even, it has a decorative, elegant appearance. The extreme hardness of this type of wood is particularly beneficial.



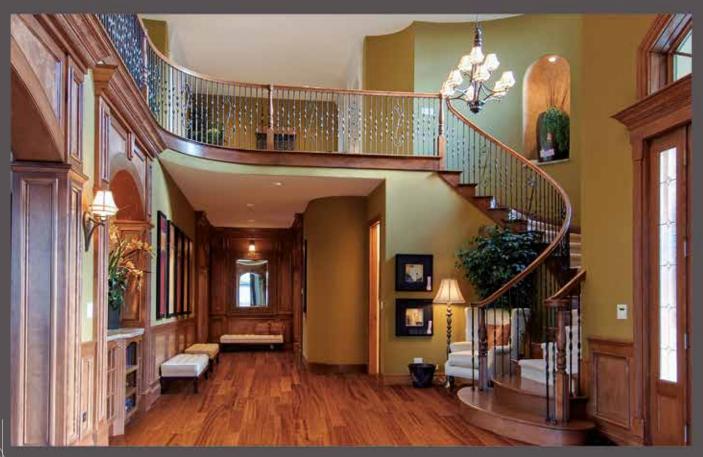
### **Technical Data**

**Construction**: Engineered multilayer single tile,

tongue and groove

Hardness (after Brinell): Very hard
Weight: 6.5 - 7.5 kg/m²
Wood moisture at delivery: Approx. 7%
Mounting: Fully glued down

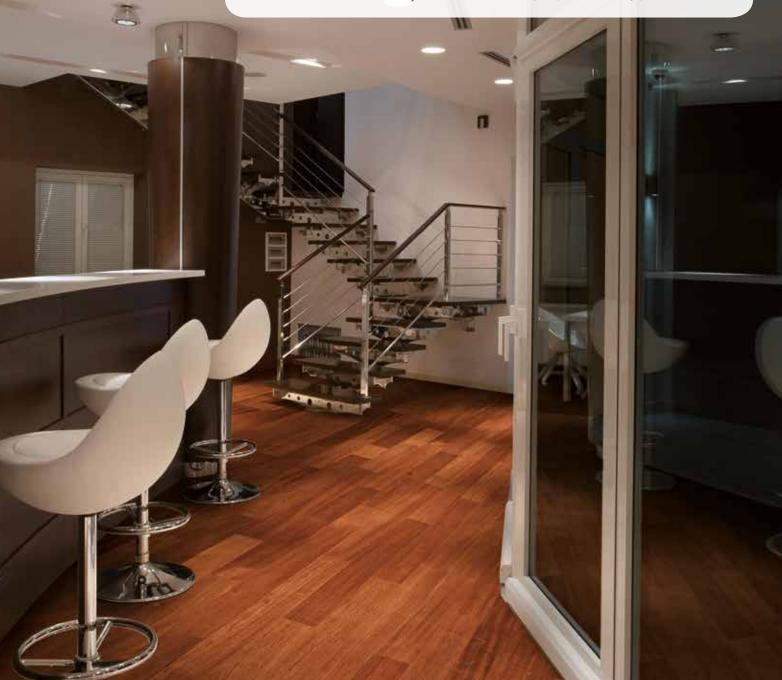
Our SL-Line comprises a variation of parquet lengths with predominant long plank elements. By combining the impressive, large elements with the short planks, the unique nature of the wood is authentically reflected in the installation pattern and the natural appearance of the wood is enhanced.



Construction	Size in mm	Grading	Base	UL*	Surface	Article
A 4 ltila a u	ayer 1200-800x90x10** Natura Multiply wood	2.0	7-Pro UV-varnished	16 006		
Multilayer		Natura	Multiply wood	3.8 mm	Natural oiled	11 397
A 4 ltila a u	ilayer 1200-800x120x11.5** Natura Multiply wood 3.	20	7-Pro UV-varnished	11 612		
Multilayer		inatura	Multiply wood	3.8 mm	Natural oiled	11 614

# Custom - made products on request

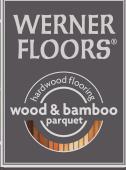
- Other dimensions
- Different surface treatment
- Other thickness of the usable layer
- Other bottomlayer
- Other construction types (for example: 3-ply)
- \* Usable layer \*\* (60-70% rest other length)



JATOBA









### **MERBAU**

# Merbau

This wood from southern Asia has a neutral, brownishyellow color and an even grain. It has a high density and is therefore very hard. This exotic wood generates a peaceful and elegant atmosphere and is frequently used in exclusive environments.



### **Technical Data**

**Construction**: Engineered multilayer single tile,

tongue and groove

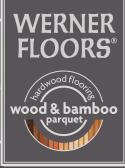
Hardness (after Brinell): Very hard
Weight: 6 – 7 kg/m²
Wood moisture at delivery: Approx. 7%
Mounting: Fully glued down

Our SL-Line comprises a variation of parquet lengths with predominant long plank elements. By combining the impressive, large elements with the short planks, the unique nature of the wood is authentically reflected in the installation pattern and the natural appearance of the wood is enhanced.



	Construction	Size in mm	Grading	Base	UL*	Surface	Article
	NA. Jett.	1200 000 00 10**				7-Pro UV-varnished	17 007
	Multilayer	1200-800x90x10**	Natura	Multiply wood	5.8 mm	Natural oiled	11 409
	Multilayer	1200-800x120x11.5**	Natura	Multiply wood	2 0 mm	7-Pro UV-varnished	11 615
	Muthayer	1200-800x120x11.3	Natura	Multiply wood	3.0 111111	Natural oiled	11 619
	Other dimer Different sur	rface treatment ness of the usable la		<ul><li>Other</li><li>Other</li></ul>		layer ction types (for example: 3-rest other length)	ply)
		MERBAU			la constant		ERNER DORS
The second of						MAL	







# DOUSSIÉ

### Doussié

West African Doussié has a golden yellow to light brown base color with a tendency towards a reddish hue. Following exposure to light, these colors tend to darken slightly. The rough texture of the wood and the lightly mottled grain lends the wood a unique appearance and creates a vivid impression.



### **Technical Data**

**Construction**: Engineered multilayer single tile,

tongue and groove

Hardness (after Brinell): Very hard

Weight: 6 − 7 kg/m²

Wood moisture at delivery: Approx. 7%

Mounting: Fully glued down

Our SL-Line comprises a variation of parquet lengths with predominant long plank elements. By combining the impressive, large elements with the short planks, the unique nature of the wood is authentically reflected in the installation pattern and the natural appearance of the wood is enhanced.

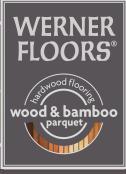


1						
Construction	Size in mm	Grading	Base	UL*	Surface	Article
N 4   4.     a a	1200 2000010**			2.0	7-Pro UV-varnished	18 010
Multilayer	1200-800x90x10**	Natura	Multiply wood	3.8 mm	Natural oiled	11 387
Multilayer	1200-800x120x11.5**	Natura	Multiply wood	3.8 mm	7-Pro UV-varnished	11 620
Mutthayer	1200 0000120011.5	INatura	Widitiply wood	5.0 111111	Natural oiled	11 622
<ul><li>Other dimer</li><li>Different sur</li></ul>	nade products of insions reface treatment these of the usable la		• Other • Other		layer ction types (for example: 3-p rest other length)	











### AMERICAN CHERRY

# Cherry

The cherry wood that we use is native to North America (American Cherry). The color is a light brown to red-orange. The overall appearance is one of intense vitality with an extensive flowery marbled grain. Once laid, the parquet creates a light and inviting atmosphere.



# Technical Data

**Construction**: Engineered multilayer single tile,

tongue and groove

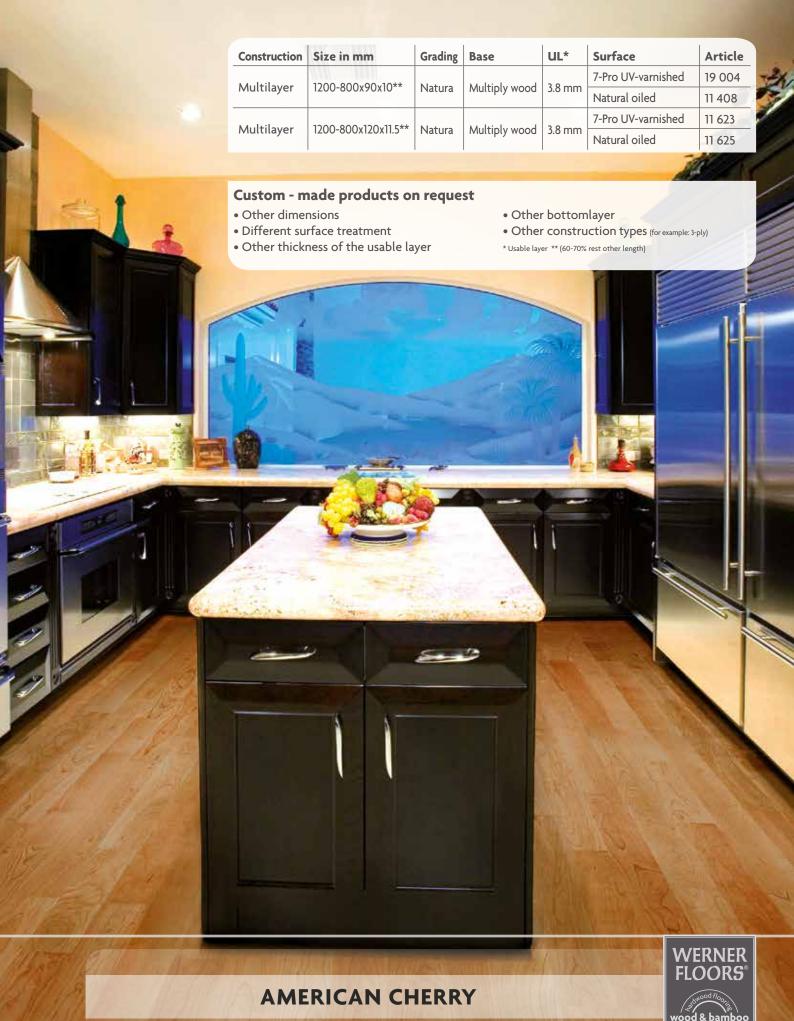
**Hardness (after Brinell):** Medium - hard **Weight:**  $5 - 6 \text{ kg/m}^2$ 

Wood moisture at delivery: Approx. 7%

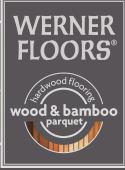
Mounting: Fully glued down

Our SL-Line comprises a variation of parquet lengths with predominant long plank elements. By combining the impressive, large elements with the short planks, the unique nature of the wood is authentically reflected in the installation pattern and the natural appearance of the wood is enhanced.











### ASH

# **Ash**

Ash is predominantly at home in central Europe. This light wood has a yellowy color. The end product tends to have a light whitish color, due to the special varnish/oil finish. The grain and color are predominantly discreet and lend the wood an appealing and light appearance.



### Technical Data

**Construction**: Engineered multilayer single tile,

tongue and groove

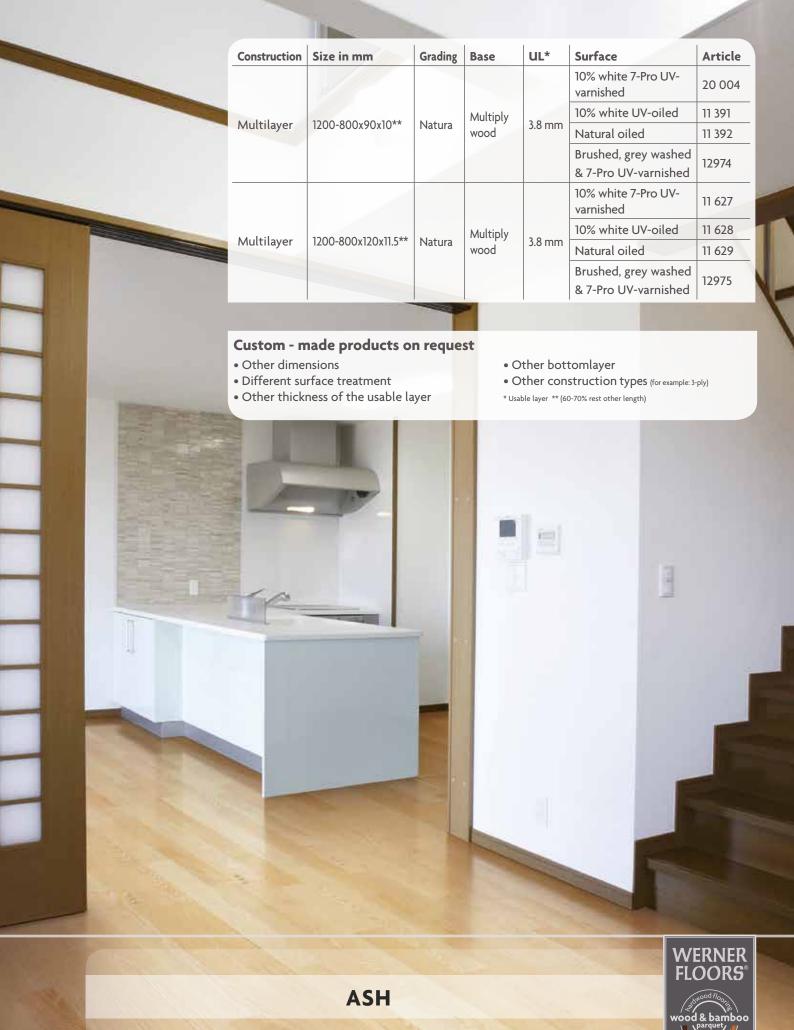
Hardness (after Brinell): Hard

Weight: 5.5 − 6.5 kg/m²
Wood moisture at delivery: Approx. 7%
Mounting: Fully glued down

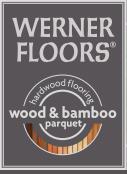
Our SL-Line comprises a variation of parquet lengths with predominant long plank elements. By combining the impressive, large elements with the short planks, the unique nature of the wood is authentically reflected in the installation pattern and the natural appearance of the wood is enhanced.

# Ash brushed, grey washed & 7-Pro UV-varnished











# BIRCH (WHITE)

# Birch (white)

The white European Birch comes with a generally fine grain with uniform texture. The color is a very pale yellow-to-white which resembles Maple. Due to its medium hardness and bright appearance Birch parquet is especially suited for domestic use.

# Technical Data

**Construction**: Engineered multilayer single tile,

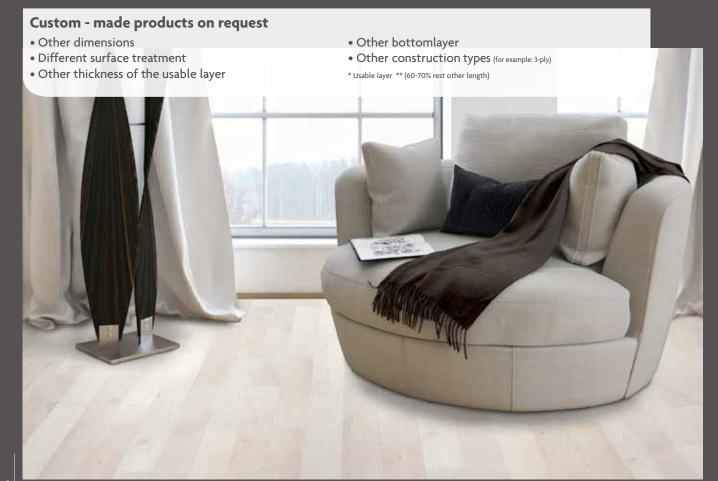
tongue and groove

Hardness (after Brinell): Soft

Weight: 6.5 - 7.2 kg/m² Wood moisture at delivery: Approx. 7%

**Mounting**: Fully glued down

Construction	Size in mm	Grading Base UL* Surface		Surface	Article	
Multilavor	1200-800x90x10**	Natura	Multiply wood   3.8 mm   ⊢	White 7-Pro UV-varnished	12 990	
Multilayer 1200-	1200-800x90x10***	Natura	Multiply wood	3.0 [[][]	White natural oiled	12 992
N.4 4:  aa	1200 00012011 F**	Natura	N 4. J4: a la coma a al	3.0	White 7-Pro UV-varnished	12 993
Multilayer	1200-800x120x11.5**	Natura	Multiply wood	3.8 mm	White natural oiled	12 995









### CANADIAN MAPLE

## **Maple**

The Canadian Maple is a very popular type of parquet due to its light and appealing surface and it has been a classic among light woods for a long time. Its light, flowery grain generates interesting accents despite its thoroughly homogenous surface.



## Technical Data

**Construction**: Engineered multilayer single tile,

tongue and groove

Hardness (after Brinell): Hard

Weight:  $5-6 \, kg/m^2$  Wood moisture at delivery: Approx. 7% Mounting: Fully glued down

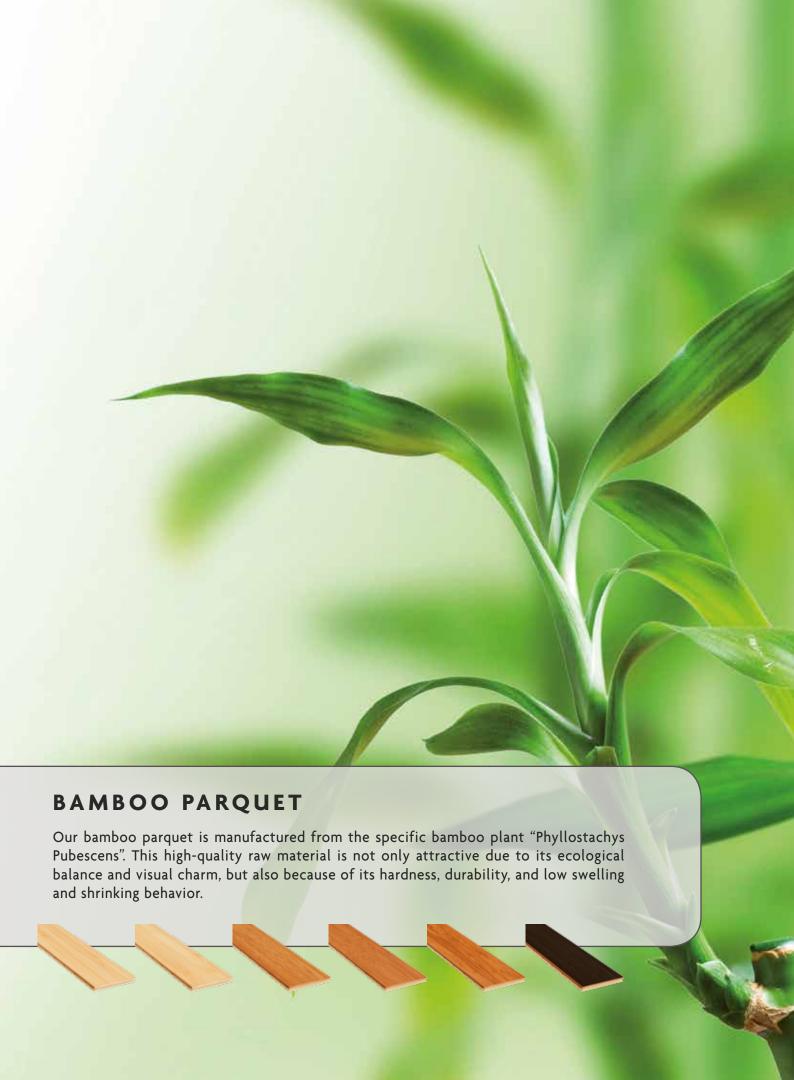
Our SL-Line comprises a variation of parquet lengths with predominant long plank elements. By combining the impressive, large elements with the short planks, the unique nature of the wood is authentically reflected in the installation pattern and the natural appearance of the wood is enhanced.

Construction	Size in mm	Grading	Base	UL*	Surface	Article
Multilayer	490x70x10	S-Natura	Multiply wood	3.8 mm	7-Pro UV-varnished	21 001
					Natural oiled	11 384
Multilayer	1200-800x90x10**	S-Natura	Multiply wood	3.8 mm	7-Pro UV-varnished	11 633
					Natural oiled	11 635
Multilayer	1200-800x120x11.5**	S-Natura	Multiply wood	3.8 mm	7-Pro UV-varnished	11 630
					Natural oiled	11 632

#### Custom - made products on request

- Other dimensions
- Different surface treatment
- Other thickness of the usable layer
- Other bottomlayer
- Other construction types (for example: 3-ply)
- \* Usable layer \*\* (60-70% rest other length)











#### **BAMBOO AND ITS ADVANTAGES**

#### The Fast-Growing Raw Material

The bamboo plant commonly grows on the continents of Asia, North and South America, and Africa. In botanical terms, bamboo is a grass and is the fastest growing plant in the world. Growth of up to 120 cm per day has been measured in the tropics. The bamboo plant used especially for parquet flooring, "Phyllostachys Pubescens", is predominantly native to China and has a diameter of 10-15cm. Bamboo is fully grown after approximately 6-12 months. During the following years the stem lignifies until it has achieved its maximum hardness after approximately 5 years and with it the optimum conditions for sturdy bamboo parquet.

### Bamboo - Multifaceted

Bamboo is a highly used material that has firm roots in Asian culture. It serves not only as a nutritional product (bamboo shoots) and as a consumer good for daily use, but has also firmly established itself as a building material in Asia. Furthermore, bamboo posts have enormous strength and are therefore used in the production of scaffolding. Bamboo is also burned to make charcoal in order to produce products with cleansing effects. Recently, it has also been used in the manufacture of cosmetics. Furthermore, bamboo fibers are used increasingly by the textile industry for the production of high-quality fabrics. Bamboo achieved its breakthrough in the West through the separation of the stalks into lamellae. This formed the foundations for even broader industrial use. The lamellae are now bonded into boards in various ways, and processed to produce parquet, veneer, or furniture panels.

#### **Bamboo: Superb Characteristics**

This high-quality material is not only compelling due to its ecological balance and its visual appeal, but also due to its exceptional strength and low swelling and shrinking values. The Brinell values are quoted at approximately 4.0 for the following four standard variants:

- Vertical laminated, classic tone
- Vertical laminated, natural light tone
- Horizontal laminated, classic tone
- Horizontal laminated, natural light tone

These therefore lie above the value of the oak parquet. With the product innovation of strand bamboo, the material compression results in a Brinell value of over 6.0. This interesting parquet variant is one of the hardest parquet floorings available. The swelling and shrinking behavior shows how much parquet flooring expands with high air humidity and how much it shrinks with dryness. With a 0.15% change in dimensions per 1% change in the wood moisture, bamboo is one of the least affected "woods" and therefore fulfils an additional important criterion for the production of parquet.

### An Overview of the Advantages:

- Particularly hard
- Low swelling and shrinking characteristics
- Environmentally friendly
- Unique appearance in 5 different variants
- Top quality through our production process







## BAMBOO VERTICAL LAMINATED CLASSIC TONE

### Bamboo Parquet

The delicate surface of the vertical laminated bamboo flooring is the result of the lamellae being pressed together vertically to create a modern and timeless appearance. The classic bamboo color provides an additional accent and creates a refined and warm atmosphere.



# Technical Data

**Construction**: Engineered multilayer single tile,

tongue and groove

Solid parquet, tongue and groove

3-ply parquet Clic

3-ply parquet, tongue and groove

Industrial parquet

Hardness (after Brinell): Hard

Wood moisture at delivery: Approx. 7% for multilayer and 3-ply

Approx. 8% for solid and industrial parquet

Mounting:

Fully glued down: multi-layer single tile

Solid parquet
3-ply parquet
3-ply parquet Clic
Industrial parquet

Floating installation: 3-ply parquet

3-ply parquet Clic





BAMBOO VERTICAL LAMINATED CLASSIC TONE









## BAMBOO HORIZONTAL LAMINATED CLASSIC TONE

### Bamboo Parquet

The natural appearance of the bamboo shape is visible through the horizontally arranged nodes which are highly visible on the finished parquet surface. The classic bamboo color provides an additional accent and creates a refined and warm atmosphere.



# Technical Data

**Construction**: Engineered multilayer single tile,

tongue and groove

Solid parquet, tongue and groove

3-ply parquet Clic

3-ply parquet, tongue and groove

Hardness (after Brinell): Hard

**Wood moisture at delivery**: Approx. 7% for multilayer and 3-ply

Approx. 8% for solid and industrial parquet

Mounting:

Fully glued down: multilayer single tile

Solid parquet
3-ply parquet
3-ply parquet Clic

Floating installation: 3-ply parquet

3-ply parquet Clic

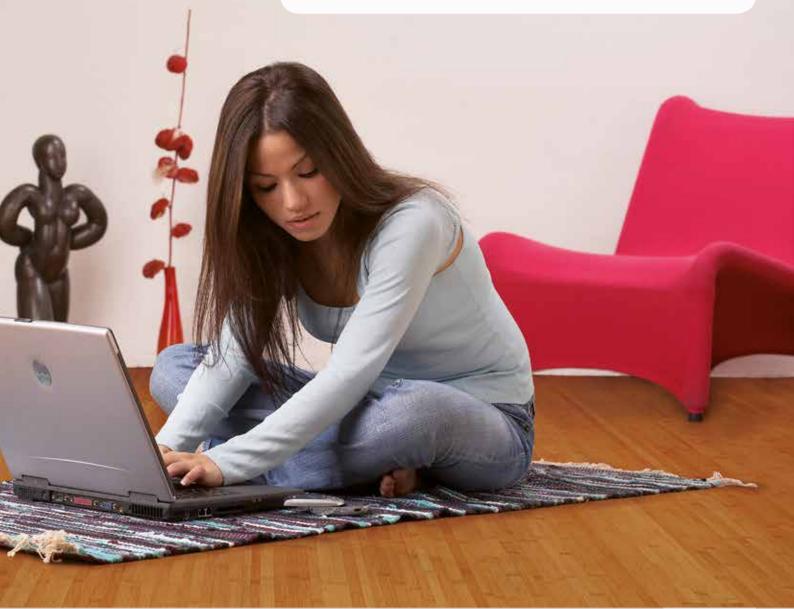


Construction	Size in mm	Base	UL*	Surface	Article
Solid	960x96x15		-	Untreated	10 428
		-		7-Pro UV-varnished	10 433
3-ply T+G	2000x150x14	Spruce / Pine**/poplar	4 mm	7-Pro UV-varnished	10 172
3-ply Clic	2000x200x14	Spruce / Pine**/poplar	3.6 mm	7-Pro UV-varnished	10 414
Multilayer	980x95x10***	Multiply wood	4 mm	7-Pro UV-varnished	10 961
Multilayer	490x70x10	Multiply wood	4 mm	7-Pro UV-varnished	10 963

### Custom - made products on request

• Other dimensions

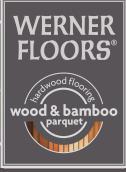
- Other thickness of the usable layer
- Different surface treatment
- Other bottomlayer (for example: Bamboo)
- \* Usable layer \*\* Middle-layer spruce/pine, bottom-layer spruce/pine/poplar \*\*\* Lengths can differ +/- 2cm.



BAMBOO HORIZONTAL LAMINATED CLASSIC TONE









## BAMBOO VERTICAL LAMINATED NATURAL LIGHT TONE

## Bamboo Parquet

The delicate surface of the vertical laminated bamboo flooring is the result of the lamellae being pressed together vertically to create a modern and timeless appearance. The natural light bamboo color provides an additional accent and creates a light and inviting atmosphere.



## Technical Data

**Construction**: Engineered multilayer single tile,

tongue and groove

Solid parquet, tongue and groove

3-ply parquet Clic

3-ply parquet, tongue and groove

Industrial parquet

Hardness (after Brinell): Hard

Wood moisture at delivery: Approx. 7% for multilayer and 3-ply

Approx. 8% for solid and industrial parquet

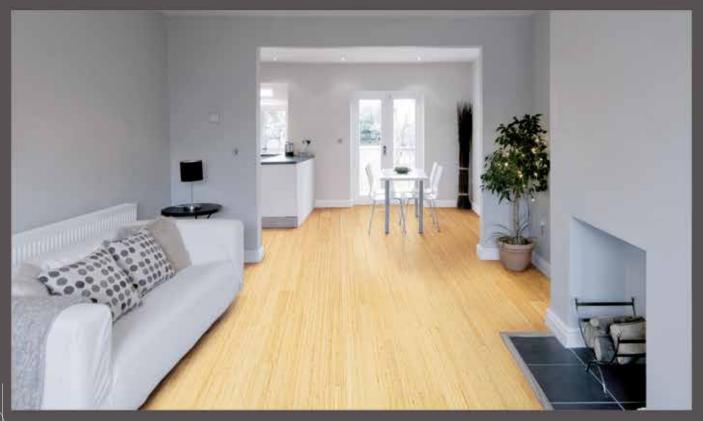
Mounting:

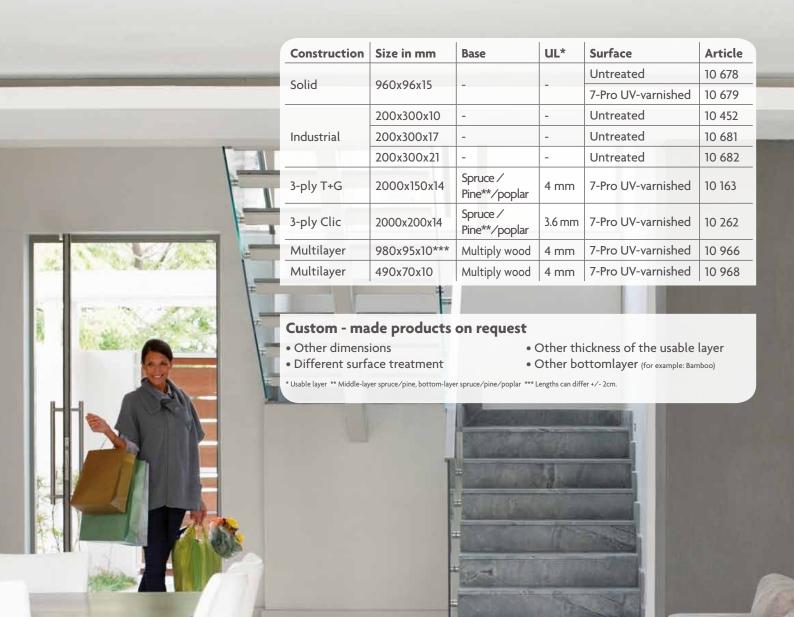
Fully glued down: multilayer single tile

Solid parquet 3-ply parquet 3-ply parquet Clic Industrial parquet

Floating installation: 3-ply parquet

3-ply parquet Clic

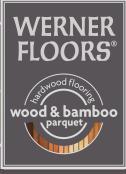














#### BAMBOO HORIZONTAL LAMINATED NATURAL LIGHT TONE

### Bamboo Parquet

The natural appearance of the bamboo shape is visible through the horizontally arranged nodes which are highly visible on the finished parquet surface. The natural light bamboo color provides an additional accent and creates a light and inviting atmosphere.



## Technical Data

**Construction**: Engineered multilayer tile,

tongue and groove

Solid parquet, tongue and groove

3-ply parquet Clic

3-ply parquet, tongue and groove

Hardness (after Brinell): Hard

**Wood moisture at delivery**: Approx. 7% for multilayer and 3-ply

Approx. 8% for solid and industrial parquet

Mounting:

Fully glued down: multilayer single tile

Solid parquet 3-ply parquet 3-ply parquet Clic Industrial parquet

Floating installation: 3-ply parquet

3-ply parquet Clic



Construction	Size in mm	Base	UL*	Surface	Article
Solid	960x96x15		-	Untreated	10 442
				7-Pro UV-varnished	10 685
3-ply T+G	2000x150x14	Spruce / Pine**/poplar	4 mm	7-Pro UV-varnished	10 183
3-ply Clic	2000x200x14	Spruce / Pine**/poplar	3.6 mm	7-Pro UV-varnished	10 287
Multilayer	980x95x10***	Multiply wood	4 mm	7-Pro UV-varnished	10 970
Multilayer	490x70x10	Multiply wood	4 mm	7-Pro UV-varnished	10 972

### Custom - made products on request

• Other dimensions

- Other thickness of the usable layer
- Different surface treatment
- Other bottomlayer (for example: Bamboo)
- \* Usable layer \*\* Middle-layer spruce/pine, bottom-layer spruce/pine/poplar \*\*\* Lengths can differ +/- 2cm.



BAMBOO HORIZONTAL LAMINATED NATURAL LIGHT TONE





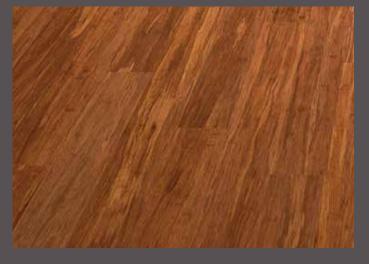




#### STRAND BAMBOO

### Strand Bamboo

Strand bamboo is one of the hardest types of parquet. This exceptional strength is the result of compressing the bamboo strands under extremely high pressure. Visually, strand bamboo with its fine characteristic grain is a refined and modern alternative.



## Technical Data

**Construction**: Engineered multilayer single tile,

tongue and groove

Hardness (after Brinell): Very hard

Weight: 6.5 − 7.5 kg/m²

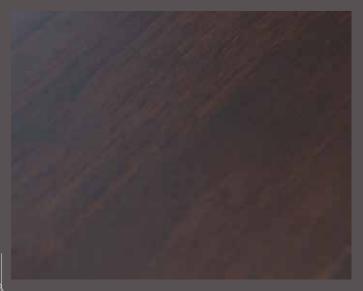
Wood moisture at delivery: Approx. 7%

Mounting: Fully glued down

Technical details of different construction types on page 5.

### Strand Bamboo Thermo

Strand Bamboo Thermo is alike the classic Strand Bamboo one of the hardest types of parquet. In addition to the special compression process the Bamboo is thermally treated to create the darker tone.



## Technical Data

**Construction**: Engineered multilayer single tile,

tongue and groove

Hardness (after Brinell): Very hard
Weight: 6.5 – 7.5 kg/m²
Wood moisture at delivery: Approx. 7%
Mounting: Fully glued down









## **BAMBOO SPECIAL**

# Bamboo Special

The white UV-varnished surface combines high-class and elegant design with the natural characteristic of the bamboo parquet. This colored flooring is available in vertical laminated and horizontal laminated variants.

# Technical Data

**Construction**: Engineered multilayer single tile,

tongue and groove

Hardness (after Brinell): Hard

**Wood moisture at delivery**: Approx. 7% for multilayer parquet

**Mounting**: Fully glued down

Constructio	Size in mm	Base	UL*	Surface	Article	
Vertical laminated	Multilayer	490x70x10	Multiply wood	4 mm	Classic 10% white 7-Pro UV-varnished	11 366
					Natural light 25% white 7-Pro UV-varnished	11 171
Vertical laminated	Multilayer	980x95x10**	Multiply wood	4 mm	Classic 10% white 7-Pro UV-varnished	11 366
					Natural light 25% white 7-Pro UV-varnished	11 171
Horizontal laminated	Multilayer	490x70x10	Multiply wood	4 mm	Classic 10% white 7-Pro UV-varnished	11 376
					Natural light 25% white 7-Pro UV-varnished	11 169
Havinantal laurinata d	Multilayer	980x95x10**	Multiply wood	4 mm	Classic 10% white 7-Pro UV-varnished	11 377
Horizontal laminated					Natural light 25% white 7-Pro UV-varnished	11 170

<sup>\*</sup> Usable layer \*\* Lengths can differ +/- 2cm.











#### THE PRODUCTION

### Bamboo: From a Hollow Stalk Comes Parquet - the Production Process

For reasons relating to bending and wall thickness, only the bottom meters of the bamboo stalks – which are around 15 m tall – are actually used in the production of bamboo parquet.



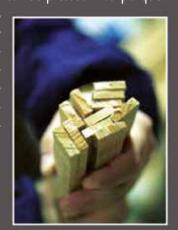
After harvesting, the bamboo stalks are sawn into lamellae. The lamellae are then roughly planed at which



time the green bamboo bark is removed. The lamellae are then boiled in order to remove the sugar from the material and subsequently either dried with their natural light color or steamed prior to drying. During steaming, a brown color is achieved, due entirely to the application of physical pressure and heat.

The dried lamellae are now planed. At this stage of production the bamboo can be pressed into parquet

preforms. These preforms are used either to create solid parquet or – following separation into layers – to produce the different types of prefinished parquet (multilayer, 3-ply).



For strand bamboo the bamboo stalks are debarked, roughly defibrated, and then boiled and dried (with or without steaming). During a special compression process the prepared bamboo is compressed under enormous pressure so that the fibers are pressed into each other. This compression results in a vivid and slightly exotic "wooden structure". The large preforms are separated into thinner preforms for solid strand bamboo parquet and top layers for strand bamboo multilayer parquet. The extremely hard strand bamboo parquet is made out of these preforms.

### The Different Variants

- Natural light tone:
   Original bamboo tone (fresh, light, and appealing)
- Classic tone steamed:
   Warm, modern, and refined
- Vertical laminated or side-pressed (natural light or classic tone):

With this lamellae arrange-ment, the finished parquet obtains a delicate surface which combines discreet moderndesign with timeless elegance.

• Horizontal laminated or plain-pressed (natural light or classic tone):

The typical bamboo nodes are clearly visible in the finished product due to the horizontally pressed lamellae. The natural appearance of the bamboo and the harmonious interplay between the nodes result in an authentic beauty.

Strand bamboo – steamed:
 Vivid, warm, and highly robust

Our parquet floorings are produced according to ISO 9001:2008. The wood parquets conform to CE standards and can partly be delivered FSC-certified on request.









sustaining member of ZVPF



Presented by:

