



*Walking on sunshine!*

THE BOEN COLLECTION - ENGINEERED HARDWOOD FLOORING



[www.boen.com](http://www.boen.com)





# Walking on sunshine!

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*It is said that the sun is a source of life.*

*Nature gave life to BOEN's products.*

*A natural source. Our raw materials*

*are manufactured with respect for*

*their origins. Nature. Born from the*

*sun. The sun gives warmth and energy,*

*and this is how it feels to walk on a*

*BOEN hardwood floor. A feeling of*

*warmth and energy.*

***Welcome to our world!***



*BOEN – a history of people, growth and development.*

## *The History of BOEN*

The history of BOEN is a story of people, loyal and hard-working people with real drive and a love of nature, which dates back to the 17th century. As early as 1641, there were two saws in operation at the BOEN waterfall on the Topdals river near Kristiansand, in the south of Norway.

For over 350 years, the people at BOEN have manufactured timber and in all those years, quality has remained the essential point behind all their labours.

The history of BOEN is also a history of invention and innovation. From a mill to a saw mill. From farming to the manufacture of hardwood flooring. Over the centuries, the people at BOEN have invested their time and efforts into moving forward, finding the best solutions, making the best products and at the turn of the centuries, one basic principle has remained at the core of BOEN's culture and history; respect

for nature's resources. The raw materials have always been and remain the key to BOEN's existence.

### **Out into the world**

During the 1970's, BOEN began exporting their production concept, and among those interested was Th. Höhns KG GmbH, in Germany. The owners of BOEN took over this company in 1976. Moreover, the two companies had a common philosophy and shared the same values; respect for nature, thoroughness, quality, innovation and expertise. The acquisition was strategically important for a number of reasons. Together, BOEN and Höhns were able to establish one of the most modern production lines for multi-layer hardwood flooring in Europe. In addition, Mölln had a central location in relation to important ports in Germany and Holland and was close to the central markets of Europe – the road to the world markets was now much closer for BOEN and Höhns products. BOEN and Höhns have worked side by side on the global flooring market since then.

The acquisition of Dominga in Lithuania in 1998 allowed BOEN to develop its production operations in

an increasingly challenging market. Dominga is recognised as a quality saw mill and manufacturer with advanced production lines and employees with high levels of expertise within the business.

BOEN and Höhns are now international players in the multi-layer hardwood flooring market. Our products are sold in more than 40 countries on 4 continents. In addition to production sites in Norway, Lithuania and Germany, BOEN has sales offices in Norway, Germany, Denmark, Belgium, Austria, France, Italy and the USA.

This increased international operation has necessitated the change to an even more streamlined service. The BOEN Group has therefore decided to bring all marketing activities under one brand name – BOEN.

A hardwood floor is more than just a floor. It is alive and should last a life-time. BOEN's floors are designed to appeal to one's esthetic senses, whether in a home, a cathedral, an office or sports-hall. They are designed for movement – designed to move.

*"There has been a saw mill in operation at BOEN for over 350 years."*



*"Even by the start of the 18th century, BOEN was already a prominent saw-mill in Norway."*



# Light Wood

## LIGHT WOOD

Invite summer into your home with large windows and a light and vibrant floor.

Interaction in interior design is exciting. Light Wood floors harmonize with strong, fresh colours – and with tones of blue and white.

Light Wood floors appear less formal and typically Scandinavian.

Light Wood floors combined with materials in glass and concrete provide a modern and exclusively urban style.

The use of textiles such as wool and cotton accentuate the Scandinavian style.

In the Light Wood category you can find the following products:

- 1-STRIP; PRESTIGE 10 mm, TRAFFIC 12 mm, MAXI 10 mm
- 2-STRIP; 14 mm, 15 mm, 21 mm, 23 mm
- PLANK; 15 mm
- CLIC 2-STRIP; 14 mm













BIRCH NATURE, 2-STRIP





MAPLE CAN. PLANK NATURE



OAK PLANK ECO LINE WHITE









ASH



ASH ECOLINE WHITE



BIRCH



BEECH ECOLINE WHITE



HICKORY



MAPLE ECOLINE WHITE



CANADIAN MAPLE



OAK ECOLINE WHITE



EUROPEAN MAPLE



ASH POLAR

# Golden Wood

## **GOLDEN WOOD**

Golden Wood floors bring a warm and continental style to your home. They are recommended together with classical furniture.

Fill your home with natural colours.

Stone, steel or wrought iron bring a warm and elegant note to your rooms.

Don't be afraid of contrast! Experiment with linen and leather in curtains and furnishings.

In the Golden Wood category you can find the following products:

- 1-STRIP; PRESTIGE 10 mm, TRAFFIC 12 mm, MAXI 10 mm
- 2-STRIP; 15 mm, 21 mm, 23 mm
- PLANK; 15 mm
- CLIC 2-STRIP; 14 mm





BEECH NATURE, 2-STRIP





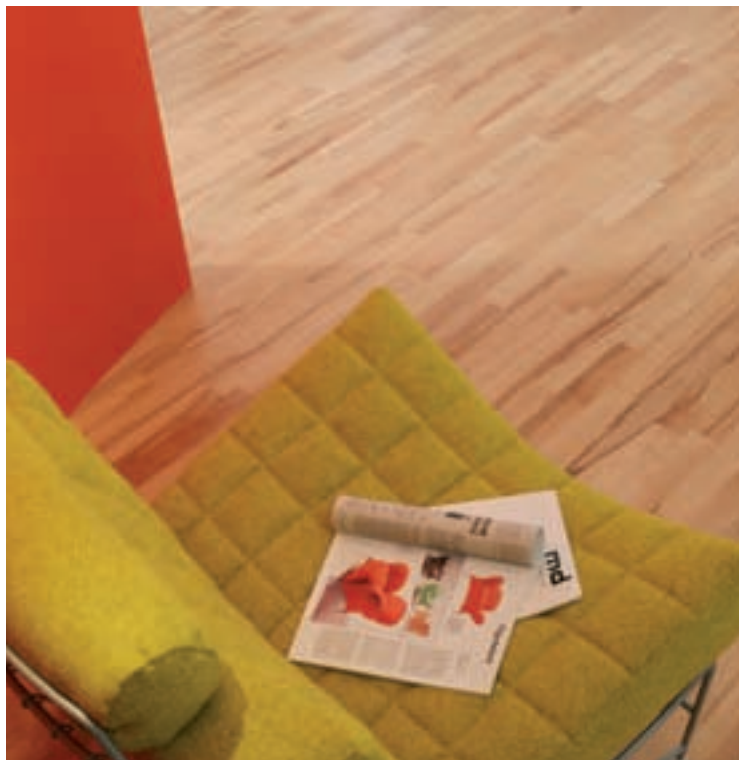




CHERRY PLANK



CHERRY NATURE ECO LINE, 2-STRIP



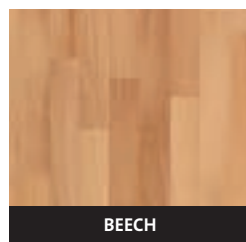
*"There are no seasons in tropical areas – that is why tropical trees have no annual rings."*



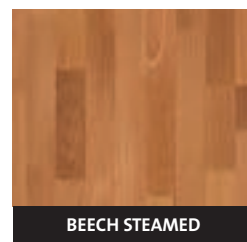




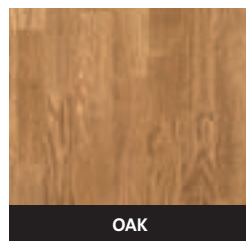
OAK NATURE ECOLINE, 2-STRIP



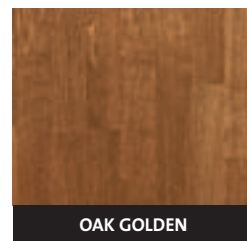
BEECH



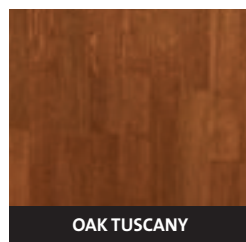
BEECH STEAMED



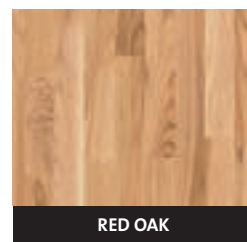
OAK



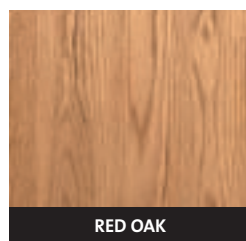
OAK GOLDEN



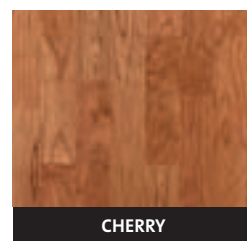
OAK TUSCANY



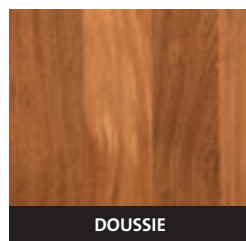
RED OAK



RED OAK  
COLORADO



CHERRY



DOUSSIE

## DARK WOOD

Dark Wood floors evoke the exotic. Heavy, exclusive furnishings help intensify the spirit of the floor.

Combine colour with your floor by using yellow tones in the decor and choosing materials such as ceramics and bamboo.

If you really want to inspire, use a light, golden colour on your walls, preferably with structured wallpaper.

In the Dark Wood category you can find the following products:

- 1-STRIP; PRESTIGE 10 mm, TRAFFIC 12 mm, MAXI 10 mm
- 2-STRIP; 15 mm, 21 mm, 23 mm
- PLANK; 15 mm
- CLIC2-STRIP; 14 mm

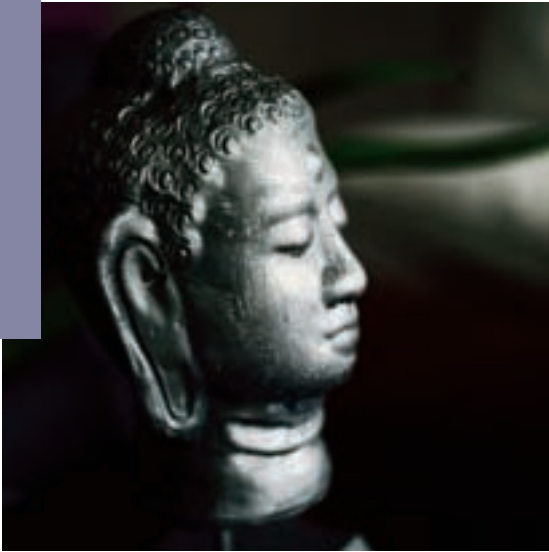
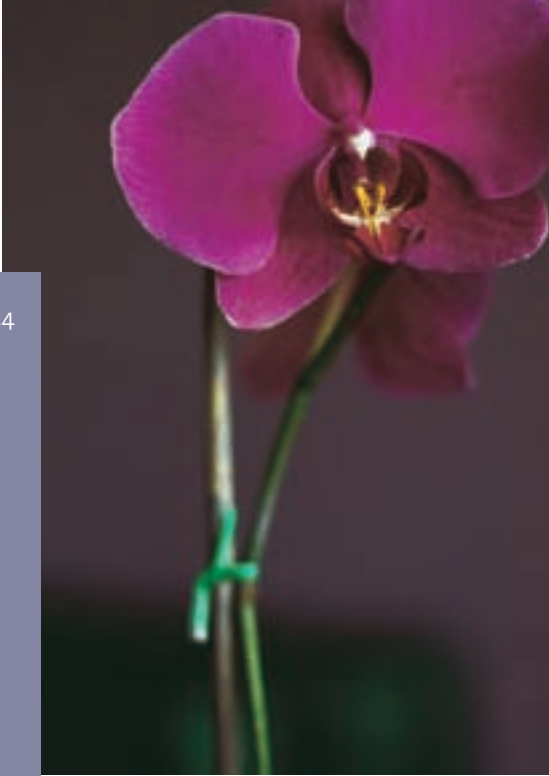
# Dark Wood







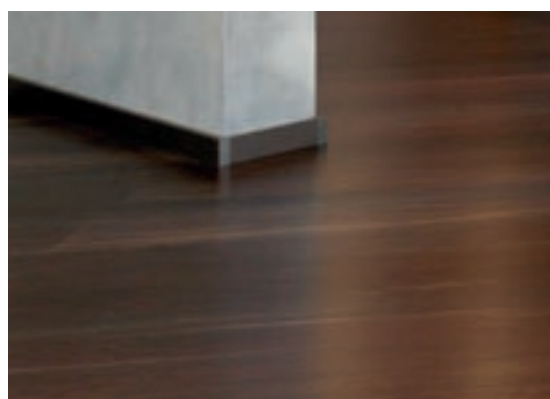
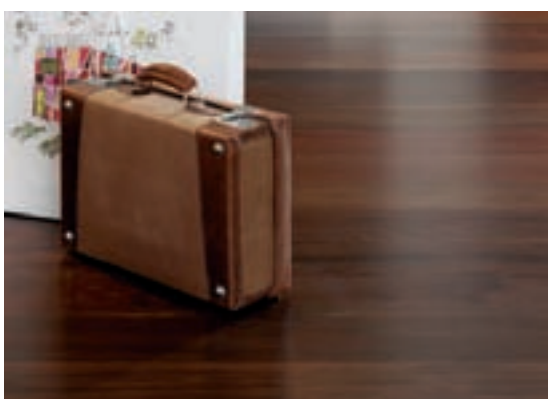








NOGAL PLANK







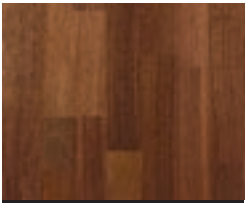


JATOBA PLANK ECOLINE



JATOBA, 2-STRIP





ANGELIQUE



PANGA-PANGA



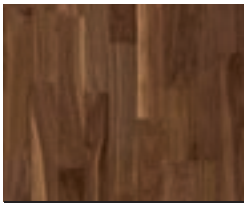
BUBINGA



TEAK



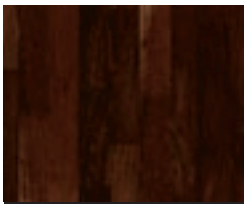
IROKO / KAMBALA



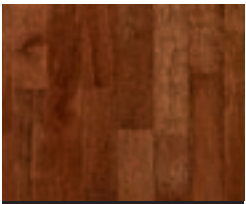
WALNUT



JATOBA



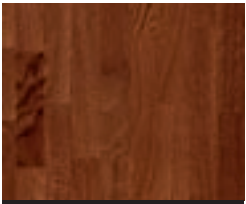
WENGE



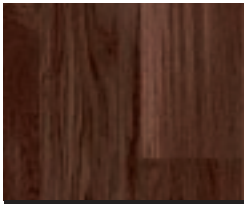
MERBAU



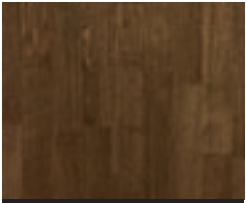
MOABI



OAK EXOTIC



OAK CORDOBA



OAK PROVENCE



NOGAL



## DREAMLINE

Dreamline is developed for customers seeking something out of the ordinary. With the Dreamline concept, we can offer exclusive floors with distinction – a floor with that something extra.

Lighting is all important. A Dreamline floor is easily recognized by appearance of informality plus its exotic and exclusive quality.

Stonewashed is at its best when combined with dark furniture, preferably of robust materials. Baskets, stones and braided materials are also suitable.

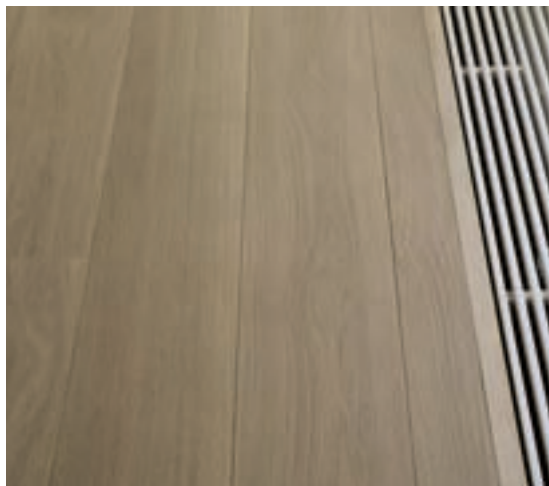
We recommend the use of mellow colours, possibly with a touch of sophisticated and subdued pastels.

In the Dreamline category you can find the following products:

- PLANK with bevelled edge, 15 mm
- PLANK Stone-washed, 15 mm
- SHIPS PLANK, 15 mm
- SOLID OAK PLANK , 20 mm

# Dreamline





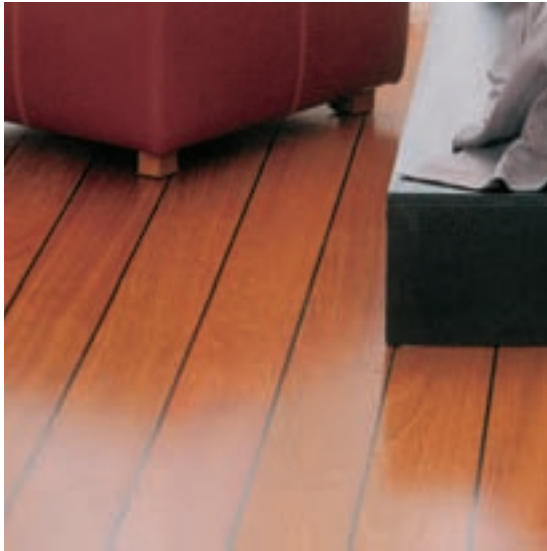
OAK PLANK MOUNTAIN



OAK PLANK CASTLE







JATOBA SHIPS PLANK WITH DARK SEAMS











**OAK STONEWASHED**  
OLD GREY



**OAK STONEWASHED**  
OLD BROWN



**JATOBA SHIPS PLANK**  
DARK SEAMS



**OAK CASTLE ECOLINE WHITE**



**OAK SHIPS PLANK**  
DARK SEAMS



**MERBAU SHIPS PLANK**  
DARK SEAMS



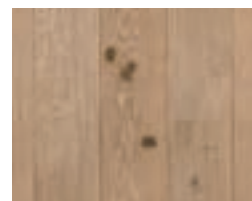
**OAK PLANK MOUNTAIN**  
BEVELLED EDGES



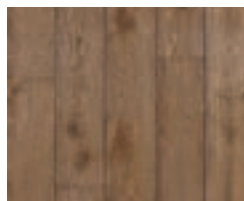
**OAK ALAMO**  
HAND SCRAPPED



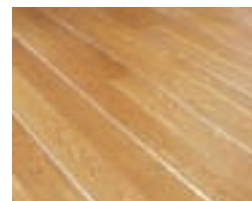
**SOLID OAK**  
HISTORICAL



**SOLID OAK**  
TRADITIONAL



**SOLID OAK**  
ANTIQUE



**ALUMINIUM LINES**  
CAN FIT WITH SEVERAL  
WOOD-SPECIES



### HARDWOOD PATTERNS

Hardwood flooring can be installed in various patterns such as herringbone and basketweave; patterns which give floors life and a mark of distinction.

The special braided pattern, originating from Holland we call Dutch Pattern.

Patterned wood floors have a long tradition, and have always been somewhat exclusive, often being used in beautiful castles and elegant stately homes. Today, they are also being installed in more modest private dwellings.

Patterned hardwood flooring provides a perfect partnership with classical period furniture.

- PRESTIGE, 10 mm
- TRAFFIC, 12 mm
- MAXI, 10 mm

Standard patterns from BOEN:

- 2-STRIP Dutch pattern, 15 mm

patterns



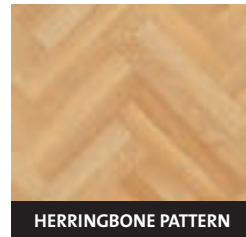




OAK DUTCH PATTERN



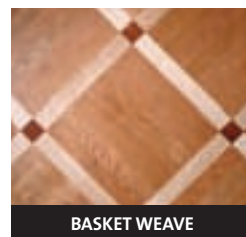
DUTCH PATTERN



HERRINGBONE PATTERN

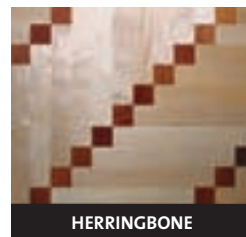


SQUARES PATTERN



BASKET WEAVE

WITH CORNER MARKING



HERRINGBONE

WITH CORNER MARKING

*95 per cent of the hardwood we use in our production facilities comes from Europe – from forests with an extensive re-forestation programme.*

## BOEN Environmental Care

Wood has been used for flooring for over 3000 years. In Scandinavia, since time immemorial, wood has been the most important building material. In the early Middle Ages, wood-based building styles spread to different regions which had connections with each other, via the Vikings' Baltic trade routes. Scandinavia has a long, vigorous tradition within the manufacture and sale of wood products. As a supplier of wood products since 1641, BOEN has played a role in this Scandinavian tradition.

### **Respect for nature**

BOEN admits to having an ethical dilemma with regards to the manufacture and sale of products from forests threatened with eradication. That is why we have continual dialogue with environmental protection authorities and organizations. BOEN has now developed a clear policy of only manufacturing

flooring from species of wood coming from sustainable sources. All our efforts related to development of new technology and new production methods are aimed at achieving this goal, as soon as possible.

Jiffy International is a subsidiary within the BOEN company. Jiffy produces peat pots and peat briquettes which are used to plant more than 100 million trees per year – throughout the world. With these products, we can make a contribution to new forestation. We are sowing more than we reap. Jiffy's products contribute to re-forestation 100 times greater than BOEN's annual consumption of raw materials.

BOEN's production methods are noted for their quality and excellent utilization of resources:

- The timber is quickly transported to the saw mill and cut, so that the drying process can start as quickly as possible thereby avoiding discolouration.
- All raw materials are carefully dried in the open air for several months before they are sent to the

final drying process in chambers. This allows us to guarantee the highest degree of stability for our floors.

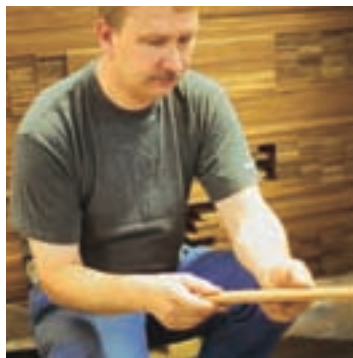
- Multi-layer hardwood flooring provides considerable savings in resources compared to solid hardwood flooring. The use of hardwood is limited to the top wear layer. 3/5 of our products are based on spruce and pine woods, which also ensures a more stable product.

- Our manufacturing methods produce absolutely no toxic or hazardous bi-products.

- Sawn and planed chips are a natural bi-product which are entirely utilized in the factory's heating system for the drying kilns, hot water and fuel pellets.

- The glue, finish and oil we use do not produce any hazardous gases or other bi-products.

- During cleaning and maintenance of equipment, any bi-products are placed in separate containers which are transported to approved sites for destruction.



*Wood is made up of 40-60 % cellulose, 20-35 % hemi-cellulose and 15-35 % lignin. It also contains resin, fat, egg vitamin and various parts of mineral constituents. Wood is affected by light due to the lignin being broken down by ultraviolet rays.*





*The term 'tradition' is derived from the Latin word tradition, meaning to pass on. For BOEN, this is the essence of tradition – to pass on the expertise and experience gathered over several centuries; to work with nature's raw materials.*

## BOEN Competence

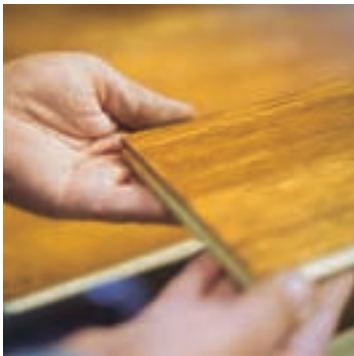
Quality is one of BOEN's main values, the key to their philosophy and it forms the basis for all processing of raw materials, through production and finally customer service. BOEN's concept for high quality is manifested by the unification of traditional Norwegian technology, Lithuanian diligence and German efficiency.

Since the 1970's, when BOEN acquired ownership of Höhns, we have achieved a renowned name for our products within the professional hardwood flooring segment. For several decades now, Höhns' products have been associated with quality floors. It has been a tradition in southern and central Europe to have professionals to lay hardwood flooring. These are craftsmen who make stringent demands on quality and functionality. We at BOEN have always recognised the importance of their experience and maintain close contact with them. Through close dialogue and

feedback, they can help us achieve an ongoing process of improvement for our products.

BOEN's products are subjected to an extremely strict quality control which applies to the entire production process, right up to its delivery at project site or home.

We dedicate our utmost attention to the stability of the total floor construction and the tongue-and-groove profiling. Highest precision, razor sharp edges and perfect linkage of the hardwood elements come from the production procedure ConneXPress where production lines were designed specifically for this purpose. Constant supervision guarantees extraordinary dimensional stability and consistently high quality. You can actually see it.



Con



BOEN's products are distributed and sold via a network of partners all over the world. This implies stringent demands on quality, logistics and service.

We want:

- Our products to be presented and recognized alike all over the world.
- Our dealers to provide correct and competent answers to all relevant questions about our products.
- Our partners to share our philosophy concerning quality.

It is all a question of wanting the best and doing our best – for the good of our customers.

What is our objective? We want to lay a real masterpiece at your feet, a source of enjoyment for generations to come.



*Wood is a hygroscopic natural product; it absorbs the humidity of the air and emits it. It adapts its internal humidity content to the currently prevailing environmental humidity.*

## *BOEN Stability*

### **The target of the development**

of our parquet floorings is to reduce the hygroscopic forces and the performance of the wood to a minimum. Admittedly, we cannot eliminate those effects completely. But we can reduce them to a minimum. How do we achieve this?

more stable. The surface look is more harmonic. One strip less has its advantages.

You can relive again and again that Boen parquet floorings which are stable will outlast for generations.

The exactly dimensioned three-layer structure of our parquet planks which are made up of an underlay, an intermediate layer and an exotic woods layer will cancel out the natural effects by draw and counterdraw. The carefully chosen widths of the planks of 139 mm will reduce the swelling and contractions considerably.



*"Wood is a living material. It absorbs humidity and emits it."*

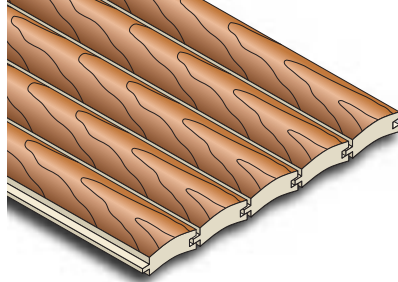
Sometimes fewer is more. This also applies to our ship planks - especially if the flooring is exposed to excessive tension and load.

Instead of the common 3 strips per plank we only use 2 strips. This way, the narrow planks are not only



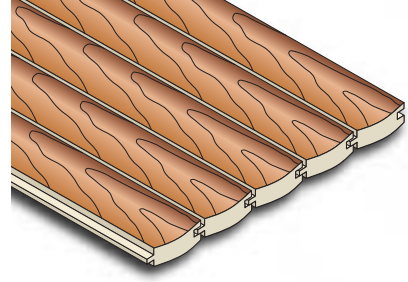
### High relative humidity

This outline shows, how SOLID wood expands, if the relative humidity is high. The wood expands in a convex way. You can also see the pressure on the joints. Even if the wood dries, they will never return to their original form.



### Low relative humidity

This outline shows, how SOLID wood shrinks if the relative humidity is low or the sub-floor is damp. The solid non-stabilized strips will shrink in a concave fashion. If the wood dries and becomes damp again, the joints will fail to return to their original form, as the wood's flexibility constantly deteriorates.



*You would not only like to see the wood but also feel it?  
Its warmth? Its grain? We have the solution!*

## *The surface – for the*

### **Sealing - Protect Ultra**

For highly frequented surfaces, a perfect sealing is an important aspect. The penetration of dust, dirt and humidity is prevented by a highly abrasion-resistant, factory-made sealing with Protect Ultra. The care is considerably reduced whereas the lifetime and the durability of the parquet are being increased. In a crystal clear way, the sealing guarantees an unclouded sight on the natural color of the wood. By the way, Protect Ultra is almost free from solvents and formaldehyde.

### **Ecoline**

The oil-treated parquet. Ecoline is a product which is also deemed “good” by the magazine Ökotest. The result of the special production process is a natural silky surface. The substances of content of the oils used for Boen mostly natural products are important to allergic persons: sunflower oil, soy bean oil, carnauba wax and components based on beeswax. The surface is water-repellent, sensitive to dirt, easy-to-clean, smear-resistant and resistant against stains. Do you have any more questions?

*“Oak wood is very stable due to the high portion of tannic acid.”*



# Surfaces

## great entrance

### **Ecoline white**

The white pigmented oil will give this flooring a beautiful shade and living rooms will appear brighter. The shade is quite trendy and enjoys increasing popularity.

### **Stonewashed**

Planks with a brushed surface which are treated with either a transparent or colored oil. The original characteristics of the wood will be underlined; the annual rings will be specially emphasized.

### **Stained oak planks**

A real alternative to the popular dark exotic woods. The surface of the oak planks is stained dark and sealed with our hard-wearing lacquer Protect Ultra.

### **Unsealed**

If required, any parquet flooring is available with an untreated exotic wood layer. If you have a special vision of the surface treatment, you can perform the sealing according to your wishes and requirements yourself after laying.

## CLEANING

### **Cleaning and maintenance**

The surface of our sealed or oiled parquet floorings will protect the flooring perfectly from dust and dirt and can be maintained simply and rapidly. A parquet flooring will underlie the natural wear and show traces of use on the surface according to its exposure. Therefore, we recommend you the products of our cleaning and maintenance range which are perfect for the daily maintenance cleaning and maintenance of our parquet floorings.

*Please find further information in our cleaning and maintenance instructions or directly under [www.boen.com](http://www.boen.com)*



*"Both the Celts and the Teutons did believe that the oak was a holy tree."*

*"In the Nordic mythology they attributed healing forces to the oak wood."*



*Taking a closer look, some hardwood flooring really appears to be from yesterday; Uneven edges, which appear as ugly swelling all over the floor, messy joints, edges and seams. This is before the wood has even started to expand and contract.*

## BOEN *conneXProcess*

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**CONNEXPROCESS**

*No rounded edges.*

*Completely straight edges give a precise fit.*

In the past the tongue and groove used to be milled first before treating the surface; we now do the opposite. Firstly, we treat the surface using finish or oil, and then we mill the tongue and groove. The milling technique we employ is called ConneXProcess – an optimal process which produces perfect joints.

ConneXProcess ensures that the edges of each board are completely straight and that the finished floor will have no visible joints. Having a precise tongue and groove joint is also crucial for rapid and secure installation.

ConneXProcess has been introduced for all of our products: single strip, 2-strip, planks and BOEN's patented sports flooring.

*conneXProcess*

*To be installed floating, glued down or nailed down? Is it a free choice or are there real arguments for each alternative?*

## BOEN Floor technology

### **Installation techniques for varying requirements**

Laying a floating floor is the most common method employed in private houses and flats, although nailing or gluing the floor to the sub-floor are also good alternatives. In public buildings (hotels, airports, offices, etc.) we recommend that the floor should be glued to the sub-floor.

Hardwood floors which have been glued to the sub-floor is extremely stable and provides far greater flexibility when using alternative furnishing solutions. Floating floors must be allowed to move freely without having any fixed attachments.

Our 14mm, 15mm and 21mm products may all be glued down, even though they are usually installed as floating floors. 23mm flooring should be nailed to joists or softwood battens. Our 10mm and 12mm products should generally be glued to the sub-floor but they can also be nailed down if required.

### **Sound technology**

From a technical point of view, floating floors are a suitable

alternative if you need to reduce the sound of footsteps crossing the floor above (impact sound transmission), whilst hardwood flooring, which has been glued to the sub-floor provides much better sound conditions in the actual room of installation (reduced room resonance).

### **Underfloor heating**

A floor which has been glued down permits greater heat transference than a floating system. However, it is important to adhere to certain rules when underfloor heating has been installed – a maximum output of 60 W per m<sup>2</sup> and/or a maximum surface temperature of 27°C. Beech and maple are types of wood which have relatively great movement when temperatures and humidity fluctuate, and they should not be used in connection with underfloor heating.

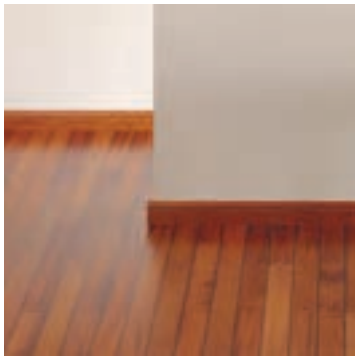
BOEN can supply detailed instructions on the methods employed for laying these various types of flooring.

*For further information:*  
[www.boen.com](http://www.boen.com)



*Perfection to the final detail: Only the correct accessories will make your parquet flooring perfect.*

## BOEN Accessories

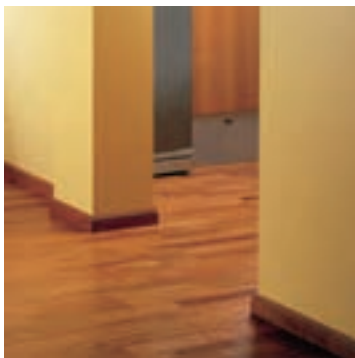


BOEN offers a large range of parquet baseboards and system tracks - of skirting boards over connection, equalizing and transition profiles up to edges for steps.

In the house the floor is exposed to highest loads. Therefore you should make sure that the sub floor is perfectly prepared for the parquet.

The laying materials are systematically adapted to one another and guarantee the highest possible protection against deficiencies and irreparable damages.

This includes for instance primer, adhesive, parquet glue, isolation underlay and compensation compounds.



*"We are shaping our buildings and then they will shape us."*  
Winston Churchill

### **Maintenance products:**

A well-maintained flooring preserves its beauty for decades. The easy-to-perform maintenance measures also include that the mat at the entrance is clean. For any other cleaning BOEN offers a complete range of cleaning and maintenance products for sealed and oiled parquet.

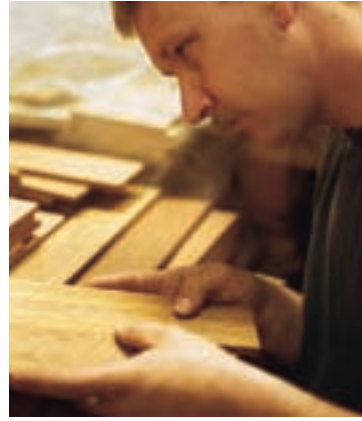
Sealed floors are underling natural wear according to their exposure. Therefore, we recommend preventing measures and regular maintenance with products of our maintenance range for sealed floorings.

Oiled surfaces require a maintenance which is adapted to their exposure. Here we recommend products of our maintenance range for oiled floorings.

You will find further information about cleaning and maintenance at your professional parquet foorer or at your parquet distributor. You may also find further information under [www.boen.com](http://www.boen.com)



rips



# BOEN Product overview

hardness brinell: measured in N/mm²

	Brinell scale	2-strip	Plank	Dutch Pattern	Prestige	Traffic	Maxi	Clic* 2-strip	Strong-line
<b>LIGHT WOOD</b>									
Ash	35	SE, NA, RU, BA	NA, COU		SE, NA			AND, ANI	CON
Ash Ecoline white	35	NA	NA						
Ash Polar	35	FG	FG						
Birch	29	SP, RU, BA	NA, COU					AND, ANI, AL	
Hickory	41	RU	COU						
Maple Can.	35	SE, NA, BE, RU	NA, COU	NA	SE, NA	NA	NA	AND	CON
Maple Can. Ecoline white	35	NA	NA						
Maple Eur.	30	RU, SP			SP			AND	
Beech Ecoline white	34	BA							
Oak Ecoline white	34	NA	NA		NA				
<b>GOLDEN WOOD</b>									
Beech	34	SE, NA, BE, BA	NA, COU	NA	SE, NA, BE	NA	NA	AND, AL	CON
Beech steamed	34	NA, BE							
Oak	34	SE, NA, BA, RU	NA, CA, COU	NA	SE, NA, RU	NA	NA	AND, ANI, AL, FO	CON
Oak Golden	34	FG							
Oak Tuskany	34	FG	FG						
Red Oak	31	SP, BA	NA, COU		SP			AND, AL	
Red Oak Colorado	31	FG					CO		
Cherry	30	SE, NA, RU	NA, COU		SP			AND	
Doussie	41	FG	FG		SE, NA		NA	FG	
<b>DARK WOOD</b>									
Angelique	48	FG							
Bubinga	38	FG	FG						
Iroko/Kambala	32	FG	FG		SE, NA				
Jatoba	39	FG	FG		FG		FG	FG	
Merbau	43	FG	FG	FG	FG	FG	FG	FG	CON
Moabi	43	FG	FG						
Nogal	38		NA, COU						
Oak Exotic	34	FG							
Oak Cordoba	34	FG	FG						
Oak Provence	34	FG	FG						
Panga-Panga	44	FG			FG			FG	
Teak	33	FG							
Walnut	26	SE, NA	NA, COU		SE, NA			AND	
Wenge	44	FG			FG			FG	
<b>DREAMLINE</b>									
Oak Stonewashed - Ecoline	34		COU						
Oak Stonewashed - Ecoline old brown	34		COU						
Oak Stonewashed - Ecoline old grey	34		COU						
Oak ships plank with dark seams	34		NA						
Oak Mountain - Ecoline	34		NA, COU						
Oak Mountain - Ecoline white	34		NA						
Oak Castle - Ecoline	34		COU						
Oak Castle - Ecoline white	34		COU						
Oak Alamo	34		FG						
Solid Oak - Traditional	34		COU						
Solid Oak - Antique	34		COU						
Solid Oak - Historical	34		COU						
Jatoba ships plank with dark seams	39		FG						
Jatoba ships plank with light seams	39		FG						
Merbau ships plank with dark seams	43		FG						
Merbau ships plank with light seams	43		FG						

## BOEN GRADING

SE = Select, SP = Special, NA = Nature, BA = Baltic, BE = Bellevue, RU = Rustic,

CON = Contract, COU = Country, CO = Colorado, CA = Canyon, FG = Factory grading

\*AND = Andante, ANI = Animoso, AL = Allegro, FO = Forte

# Hardwood Flooring Variations

Before choosing a hardwood floor and dimension, the use of the floor should be considered thoroughly. Boen offers a wide selection of different products with various dimensions and properties, for different applications. These are the various hardwood floorings in the Boen program:

## BOEN 10 mm Prestige, Maxi

### Performance Classification 1-2

10 mm Prestige is a one-strip hardwood flooring, which can be laid in various patterns. Prestige is designed for adhering directly to the sub-floor. Approx. 4 mm top-layer.

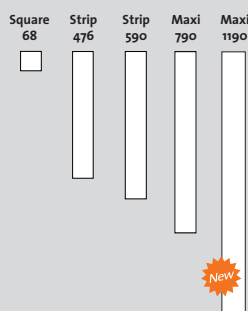
Measurement:

Prestige: 10 x 68 x 476/590 mm

Maxi: 10 x 92 x 790/1190 mm



Top-layer: 4 mm



## BOEN 12 mm Traffic

### Performance Classification 3

12 mm Traffic is a one-strip hardwood flooring with approx. 6 mm top-layer. The floor can be laid in various patterns, and is designed for adhering directly to the sub-floor.

Measurement: 12 x 68 x 476/590 mm



Top-layer: 6 mm

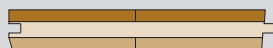


## BOEN 21 mm Strongline

### Performance Classification 3

Hardwearing 2-strip with a hardwood thickness of 6 mm for areas subject to intensive usage, suitable for floating installation, nailing or gluing directly to the sub-floor.

Measurement: 21 x 139 x 2200 mm



Top-layer: 6 mm

### 2-Strip



## BOEN 23 mm 2-Strip

### Performance Classification 1-2

Self-supporting for nailing directly onto joist or battens with c/c = 60 cm. Approx. 3,6 mm top-layer.

Measurement: 23 x 139 x 2200 mm



Top-layer: 3,6 mm

### 2-Strip



## BOEN 15 mm 2-Strip, Plank, Ships plank, Dutch Pattern

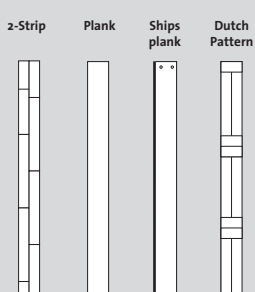
### Performance Classification 1-2

Can be laid floating on any correctly prepared sub-floor-construction. The hardwood flooring can also be nailed or glued. Approx. 3,6 mm top-layer.

Measurement: 15 x 139 x 2200 mm



Top-layer: 3,6 mm



## BOEN 14 mm Clic 2-Strip

### Performance Classification 1-2

Made for floating installation, without of use adhesive or nails. Approx. 3,6 mm top-layer.

Measurement: 14 x 138 x 2194



Top-layer: 3,6 mm

### 2-Strip



**Performance Classification 1 = Normal**  
Hardwood floors in living areas subject to normal usage. Exception: Wet areas and entrance areas.

**Performance Classification 2 = Medium**  
Hardwood floors in living areas, in administration, meeting and conference areas, kindergartens, consulting rooms etc. subject to average usage.

**Performance Classification 3 = Heavy**  
Hardwood floors in heavily frequented areas such as shops, restaurants, entrance areas, schools, conference halls, dance halls, etc.



## BOEN Grading



### European standards

European standards for labelling graded wood have recently been introduced. The symbols used are a circle, a triangle and a square. This enables consumers to compare graded wood, regardless of the grading concepts used by the various manufacturers.

BOEN has its own criteria, which are comparable with this standard:

- Cat 1 = BOEN Select
- ▲ Cat 2 = BOEN Nature
- Cat 3 = BOEN Rustic

### The concept categories:

**BOEN SELECT:**  
Subtle palette of colours and principally free of knots.

**BOEN NATURE:**  
A more vigorous palette, features heartwood and knots are permitted.

**BOEN RUSTIC:**  
A more robust palette with knots, providing a stronger impression of life and nature.

**BOEN BELLEVUE:**  
A whole palette of colours in the surface – principally free of knots.

Design: Trigger  
Text: Dale&Bang  
Print: Norprint  
06.2006 10.000

Photo: Johan Wildhagen  
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