

## Verlegung auf Fußbodenheizung

BILAFloor® hat einen Wärmedurchlasswiderstand von nur 0,078 m<sup>2</sup>K/W (0,087 m<sup>2</sup>K/W bei BF500-5.5) und ist daher für Fußbodenheizung bestens geeignet. Spezielle Richtlinien für die Verlegung auf Fußbodenheizung müssen unbedingt beachtet und eingehalten werden. Diese erhalten sie bei ihrem Fachhändler, Hersteller oder Klebstofflieferanten. Die Oberflächentemperatur des Parketts darf 29°C an keiner Stelle im Raum überschreiten. EN 15251:2012 „Eingangsparameter für das Raumklima zur Auslegung und Bewertung der Energieeffizienz von Gebäuden - Raumluftqualität, Temperatur, Licht und Akustik“ empfiehlt für ein gesundes Raumklima eine jahreszeitlich bedingt relative Luftfeuchte von ca. 30% bis ca. 65%. In diesem Bereich zeigen sich die natürlichen holztypischen Erscheinungen wie Fugen, Risse oder Schlüsselungen in mäßiger Ausprägung. Der Einbau einer FIDBOX ist je Wohneinheit, mindestens aber ein Mal je 100 m<sup>2</sup> Fläche empfohlen, die FIDBOX registriert über Jahre das Raumklima unter und im Parkettboden. Ein Maßnahmenprotokoll für Heizestriche ist unbedingt erforderlich. *Siehe Merkblatt: „Verlegung auf Fußbodenheizung“ und „Maßnahmenprotokoll Heizestriche“*

## REINIGUNG & PFLEGE

### BILAFloor® TENSEO (CLASSICO, MATT)

Die werkseitig versiegelte Oberfläche von BILAFloor® ist eine umweltfreundliche, formaldehydfreie und besonders hochwertige Oberfläche. Je nach Beanspruchung unterliegt das Parkett einem natürlichen Verschleiß. Deshalb wird vor der Benutzung sowohl eine Erstpflege als auch eine spätere regelmäßige Pflege empfohlen.

*Siehe Merkblatt: „Pflege und Reinigung TENSEO“*

### BILAFloor® SEDA

Um die edle Optik und Qualität zu erhalten, wird das Parkett nach einer jahrhundertealten Tradition mit Ölen und Wachsen behandelt. Für BILAFloor® werden ausschließlich natürliche Öle und Wachse verwendet. Je nach Beanspruchung unterliegt das Parkett einem natürlichen Verschleiß. Deshalb ist vor der Benutzung eine Einpflege mit Pflegewachsöl wie auch eine spätere regelmäßige Pflege unbedingt erforderlich.

*Siehe Merkblatt: „Pflege und Reinigung SEDA“*

Beachten Sie bitte unsere Reinigungs- und Pflegeanweisungen!

## ALLGEMEINE HINWEISE

Bei Holzarten mit ungünstigen holztechnischen Eigenschaften (höheres Schwind- und Quellverhalten z.B. bei Buche oder Ahorn can.) muss in der Heizperiode mit einem etwas größeren Fugenbild und Schlüsselungen gerechnet werden. Um dem entgegen zu wirken, achten Sie darauf, dass die Raumtemperatur stets zwischen 18–24°C und die relative Luftfeuchtigkeit zwischen 30–65 % liegt. Dieses Wohnklima dient nicht nur zur Werterhaltung Ihres Holzfußbodens, sondern auch dem Wohlbefinden und der Gesundheit der Bewohner und ist daher empfohlen einzuhalten. Außerhalb dieses empfohlenen Raumklimas sind strukturelle Schäden nicht auszuschließen. Der Betrieb eines leistungsgerechten Luftbefeuchters ist daher in der Heizperiode in vielen Klimagebieten unerlässlich. Als Naturstoff reagiert Holz auf Sonneneinstrahlung, indem es sich im Laufe der Zeit verfärbt bzw. nachdunkelt. Schützen Sie Ihren Parkett durch das Auslegen von Fußmatten im Eingangsbereich vor Sand und Schmutzpartikeln. Versehen sie ihre beweglichen Möbel mit Filzgleitern, um ihren Boden zu schonen.

Diesen Empfehlungen liegen umfangreiche Praxiserfahrungen zugrunde. Die Verarbeitung erfolgt erfahrungsgemäß bei bauseits vorgegebenen, verschiedenen Verhältnissen, sodass aus dieser Anwendungsempfehlung keine Gewährleistungs- oder Haftungsansprüche abgeleitet werden können. Notwendigenfalls sind in kritischen Fällen ausreichende Eigenversuche durchzuführen oder der technische Beratungsdienst der Scheucher GmbH hinzuzuziehen.

	
Scheucher Holzindustrie GmbH 06	
<b>EN 14342:2013</b> Mehrschichtparkett zur vollflächigen Verklebung	
Brandverhalten • Durchschnittliches Raumgewicht • Gesamtdicke	Cfl-s1 500 kg/m <sup>3</sup> 11 mm
Emission von Formaldehyd	E1
Gehalt an Pentachlorphenol	< 5 x 10 <sup>-6</sup>
Bruchfestigkeit	NPD
Rutschverhalten	NPD

# INSTALLATION INSTRUCTIONS

## BILAflor®

Multilayer parquet flooring for glue down installations

### PRODUCT DESCRIPTION

BILAflor® is a 2-ply prefinished hardwood floor. Only the most exquisite hardwood is used for the approx. 3,6 mm (or approx. 5,5 mm) top layer (wear layer). The bottom layer of quarter-sawn spruce is fitted with plywood inserts at the ends. Regularly spaced cuts on the rear side ensure optimal strip stability and glue distribution. The BILAflor® surface comes with a solvent and formaldehyde-free TENSEO sealing or oiled & waxed SEDA sealing with natural oils. All elements are tongued and grooved along the edges and ends.

BILAflor® is available in 3 dimensions and 2 surface treatments. All products have the same profile and can be combined with each other.

BILAflor®	500 (500-5.5)	1000	1200	Topline
Dimension (mm)	11 x 70 x 500 (13x70x500)	11 x 90 x 1.000	11 x 120 x 1.200	11 x 70 x 500
Design	1-strip	1-strip	2-strip boat deck	Multistrip
Laying patterns	boat deck, brick pattern, (herringbone, double herringbone, triple herringbone)*	boat deck, brick pattern	boat deck	boat deck, brick pattern

\*Every herringbone type available on order

### PREPARING FOR INSTALLATION

Thorough preparation is the basis for a well installed hardwood floor. We therefore recommend consulting an expert for proper installation.

#### Suitable subfloors

Cement and anhydrite screeds, mastic asphalt, suitable wooden or dry screed panels.

#### Subfloor requirements

The subfloor must meet all requirements for the installation of a hardwood floor (flat, dry, clean, structurally sound and free of cracks), which must be tested and recorded prior to installation.

**Flatness:** max. 3 mm over a length of 1000 mm

#### Residual moisture of the subfloor

Whether your subfloor is dry enough for installation can be assessed in two ways:

1. measured and recorded using CM-method
2. measured and recorded by KRL-method (for example Hm-Box)

To get limit values for CM measurements as well as the KRL method, please refer to relevant standards or rather contact your screed manufacturer or manufacturer of the measuring instrument for the KRL-method. Due to the variety of chemical modifications of screeds and the novelty of KRL-method it is not possible to determine a standardized limit value setting anymore.

**Structural soundness** is tested using a grid scratch tester. The screed is firm if the edges of the scratches remain sharp.

Make sure that the subfloor is **clean** by carrying out a visual inspection for oil, paint stains, etc. Paint, plaster and mortar residues must be scraped off. Remove oil and grease stains by sanding and fill cracks in the screed with cramps for scruds and epoxy resin.

### Suitable adhesives

BILAflor® must be glued down to the subfloor. We recommend using solvent-free elastic hardwood floor adhesives (e.g. hybrid- or PU-adhesives). Depending on the condition of your subfloor, pretreatments (applying undercoats, puttying) might be necessary according to the manufacturer's indication.

## IMPORTANT INSTALLATION TIPS

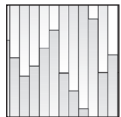
- Read instructions carefully before starting installation.
- Store the flooring elements in a dry place and protect them from moisture.
- Unpack your BILAflor® only immediately prior to installation.
- Hardwood flooring is a natural product. High humidity may result in excessive moisture absorption and cause the hardwood floor to swell. The installation temperature should therefore be at least 18° and relative humidity below 65%.
- All work involving water or moisture (tiling, painting, wallpapering etc.) should be completed prior to installation.
- Individual short strips contained in the packages can be used at the floor edges.
- Make sure you lay the first strips at exact angles to guarantee a perfect result.
- Do not glue the tongue/groove joint and remove any adhesive that possibly squeezes out using a damp cloth.
- Strips at the floor edges must be pressed on carefully, or if necessary weighted down, since subfloors are often not level at these points. This is especially important for BILAflor® 1000.
- Always leave an expansion gap of 8–10mm between the floor and walls or fixtures.
- Check strips for defects prior to installation. No complaints can be accepted for installed strips.

## INSTALLATION, AREA DIVISION, REFERENCE LINES, EXPANSION GAPS

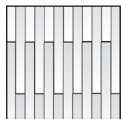
Layout and reference lines for installation depend on the laying pattern selected.

### Boat deck (random strip), brick pattern (regular strip).

It is advisable to lay the boards in the direction of incoming light. Snap the first reference line at a distance of 4–6 board widths plus an expansion gap of 8–10mm from the wall using a straightedge or string. Starting from this line, boards are laid with the tongue facing the wall. Once this part of the floor has been completed and the installed floor boards adhere firmly to the subfloor (observe adhesive curing times specified by manufacturer) you can continue the laying process until the room is complete.



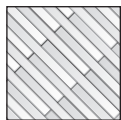
Boat deck



Brick pattern

### Diagonal pattern

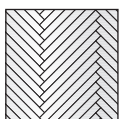
Snap the first reference line diagonally through the room using a string. Secure a timber strip or batten along the diagonal line to act as a guide. Start laying the boards from the centre of the room with the tongue facing the wall. Remove the guide once the first half of the room is completed. The installed floor boards must adhere firmly to the subfloor (observe adhesive curing times specified by manufacturer) before completing installation.



Diagonal pattern

### Herringbone pattern

Prior to installation several units are fitted together according to the desired pattern – single, double or triple herringbone. Snap the first reference line through the centre of the room using a string. Place the fitted units into the adhesive bed, aligning the tips along the line. Once the floor boards adhere firmly to the subfloor (observe adhesive curing times specified by manufacturer) you can continue the laying process. We recommend you snap additional lines during the laying process to check proper alignment.



Herringbone pattern

## Installation on underfloor heatings

With a thermal resistance value of only 0,078m<sup>2</sup>K/W (or 0,087m<sup>2</sup> K/W for BF500-5.5) BILAFloor® is perfectly suitable for heated subfloors. Special guidelines for installation over underfloor heating must be strictly observed. Instructions are available at your floor dealer, manufacturer or adhesive supplier. The surface temperature of the floor must not exceed 29°C. EN 15251:2012 „Input Parameters for Indoor Climate in the Design and Evaluation of the Energy Efficiency of Buildings - Indoor air quality, temperature, light and acoustics“ recommends a seasonally caused relative humidity of approx. 30% - 65% for a healthy room climate. In this range, natural characteristics of wood may show up in form of joints, shakes or cupping of your parquet flooring in a moderate degree. It is recommended to install a FIDBOX in every housing unit, but at least once per 100 m<sup>2</sup> living space, it records the room climate underneath and inside of your parquet floor. A record of procedure for heated subfloors is indispensable.

See instruction leaflet: „Installation over underfloor heating“ and „Record of procedure for heated subfloors“

## CLEANING & MAINTENANCE

### BILAFloor® TENSEO (CLASSICO, MATT)

BILAFloor® products are supplied with an environmentally friendly formaldehyde-free surface finish of high quality. Hardwood floors are subject to natural wear, depending on use. For this reason, it is recommended not only to pay special attention on a proper initial care after installation but also on a subsequent regular maintenance of your parquet floor.

See instruction leaflets: „Cleaning and maintenance for TENSEO“

### BILAFloor® SEDA

In order to preserve its fine appearance and its high quality, wood flooring is treated with oils and waxes according to a tradition dating back many centuries. Only natural oils and waxes are used for BILAFloor® products. Hardwood floors are subject to natural wear, depending on use. Special emphasis must therefore be placed on proper initial care with protective wax oil and subsequent regular maintenance.


See instruction leaflets: „Cleaning and maintenance for SEDA“

Please observe our cleaning and maintenance instructions!

## GENERAL INFORMATION

Wood species with unfavourable swelling and shrinking characteristics (higher probability of swelling and shrinkage e.g. beech or hard maple) may experience slight gaping and cupping during the heating period. To avoid this, you should make sure that room temperature is kept at a constant 18–24°C and relative humidity from 30 to 65%. This room climate will not only protect your wood floor but also enhance your comfort and health and so is recommended to be kept. Out of the recommended room climate structural damages can't be avoided. Therefore it is indispensable to use an appropriate air humidifier in heating periods in most climate areas. Wood is a natural material and thus reacts to sunlight by darkening or changing colour over time. Protect your BILAFloor® from grit and dirt by placing mats in the entrance area. Fit your movable furniture with felt gliders in order to protect your floor.

These recommendations are based on comprehensive practical experience. Since the products are applied under different jobsite conditions, no warranty or liability claims can be derived from these recommendations for use. We recommend that you perform appropriate tests in critical cases, if necessary, or consult the technical service of Scheucher GmbH.

	
Scheucher Holzindustrie GmbH 06	
<b>EN 14342:2013</b> Multilayer parquet for glue-down installation	
Reaction to fire • Average density • Total thickness	Cfl-s1 500 kg/m <sup>3</sup> 11 mm
Emission of formaldehyde	E1
Content of pentachlorophenol	< 5 x 10 <sup>-6</sup>
Breaking strength	NPD
Slipperiness	NPD