

SCHEUCHER®

BILAflor®

Product description & installation instructions for STEIRER PARKETT® and IMPRESSION®

Product description

BILAflor® is a 2-ply prefinished hardwood floor. Only the most exquisite hardwood is used for the approx. 3,6 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 sealing finish or oiled & waxed with natural vegetable oils. All elements are tongued and grooved along the edges and ends.

BILAflor® is available in 4 dimensions and 2 surface designs. All products have the same profile and can be combined with each other.

BILAflor®	500	1000	1200	1500	Topline
Dimension*	11 x 70 x 500	11 x 90 x 1.000	11 x 90 x 1.200	11 x 90 x 1.500	11 x 120 x 1.200
Design	1-strip	1-strip	2-strip boat deck	1-strip	Multistrip
Units	Left and right units	Only right units	Only right units	Only right units	Only right units
Laying patterns	boat deck, brick pattern, herringbone, double herringbone, triple herringbone	boat deck, brick pattern	boat deck	boat deck, brick pattern	boat deck, brick pattern

* indicated in mm

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 woodenpanels

Subfloor requirements

The subfloor must meet all requirements for the laying 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 must be determined and recorded using a CM measuring instrument.

Cement screeds: max. 2,0 % CM
max. 1,5 % CM with underfloor heating (recommended)

Anhydrite screeds: max. 0,5 % CM
max. 0,3 % CM with underfloor heating (recommended)

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). Special subfloor treatment (priming, filling) according to manufacturer's instructions may be necessary depending on the condition of the subfloor. Adhesive manufacturer's instructions for use must be strictly observed.

Important installation tips

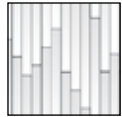
- Read instructions carefully before starting installation.
- Store the flooring elements in a dry place and protect them from moisture.
- Unpack your BILAflor® only immediately prior to installation.
- Hardwood flooring is a natural product. High humidity may result in excessive moisture absorption 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 and 1500.
- Always leave an expansion gap of 8–10 mm between the floor and walls or fixtures.
- Check strips for defects prior to installation. No complaints can be accepted for installed strips.

Installation, layout, reference lines, expansion gaps

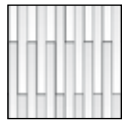
Layout and reference lines for installation depend on the laying pattern selected.

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 8–10 mm 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. When laying a BILAflor® 500 floor, make sure that the individual rows consist of either left or right units.



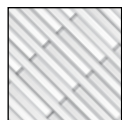
Boat deck



Brick pattern

Diagonal pattern

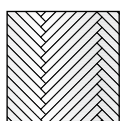
Snap the first reference line diagonally through the room using a string. Secure a timber strip or batten along the diagonal line to act as a guide. Start laying the boards from the centre of the room with the tongue facing the wall. Remove the guide once the first half of the room is completed. The installed floor boards must adhere firmly to the subfloor (observe adhesive curing times specified by manufacturer) before completing installation. When laying a BILAflor® 500 floor, make sure that the individual rows consist of either left or right units.



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 re-



Herringbone pattern

commend you snap additional lines during the laying process to check proper alignment.

Installation over underfloor heating

With a thermal resistance value of only 0,078 m²K/W BILAFloor® is perfectly suitable for heated subfloors. Special guidelines for installation over underfloor heating must be strictly observed. Instructions are available from your floor dealer, manufacturer or adhesive supplier. The surface temperature of the floor must not exceed 27°C. A record of procedure for heated subfloors is indispensable.

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

/ Cleaning and maintenance

BILAFloor® TENSEO (CLASSICO, V10, V50)

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. Special emphasis must therefore be placed on proper initial care after installation and subsequent regular maintenance.

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 finish oil or 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 40 to 60%. This room climate will not only protect your wood floor but also enhance your comfort and health. We therefore recommend using an air humidifier. 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.