

Accessories

For decking installation



VISIBLE FASTENING


Fixing the decking with visible screw heads

Deck boards can be fastened in different ways, depending on the type of wood. We provide innovative solutions that enable your individual requirements and wishes for fastening your deck boards.

Advantages

- Direct/visible fastening solution
- Easy, fast laying of the decking
- Compatible with different Eurotec aluminium system profiles
- Easy replacement of individual decking boards
- Supports constructive timber protection
- Weather-resistant

Visible fastening



Eurotec

Distance strip

Visible fastening of deck boards

Substructure: Timber

This deck substructure made of timber is suitable for both visible and hidden deck-board fastening. The deck boards can be fastened visibly using the distance strip, which acts as a spacer and allows freedom of movement between the board and the substructure. At the same time, it encourages air

circulation beneath the deck, inhibiting the formation of rot. Normal wood screws, e.g. Terrasotec screws, are used to screw the strip onto the timber substructure.

Important: Hardwoods/tropical woods should always be pilot-drilled!

Distance strip

Distance strip for visible fastening of deck boards



The distance strips are fastened to the provided drill holes with Ø 4 mm Terrasotec screws and fixed in place (3 Terrasotec screws are required for each distance strip). The distance strip is 73,5 cm long and can easily be extended thanks to a plug-in system.



The distance strip is screwed along half a side onto the substructure beams. This avoids having to drill through the strip again when laying the deck boards. With wider bearer beams it may be better to fasten the distance

strip alternately left and right along half a side so that the deck screw does not pull the bearer beam on one side in the direction of the board when the boards are fastened, and then tilts.

Art. no.	Dimensions [mm] ¹⁾	Requirements* [piece / 10 m ²]	Material	PU**
944801	13 x 730 x 16	23	Hard plastic	50

¹⁾ Height x length x width

* Bearing beam clearance = 600 mm.
Additional distance strips are to be added for the first and last bearing beams and for board joints.

** Screws are not included.
Fastening with Terrasotec screws Ø 4 mm.



The distance strip reduces the risk of screws shearing off

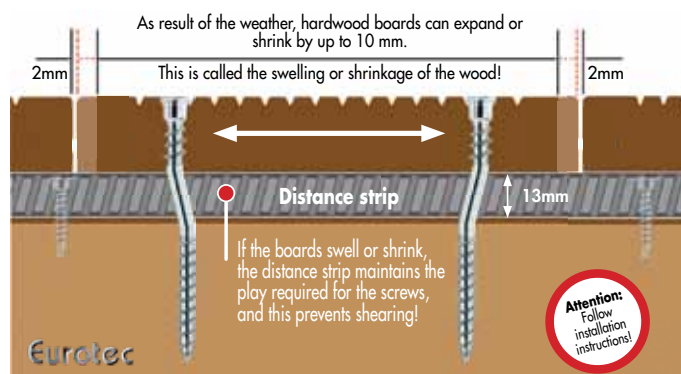
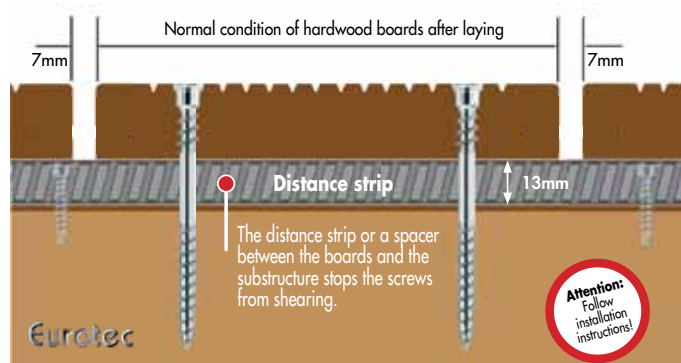
The distance strip is made of hard plastic and is intended to prevent the stainless-steel screws from shearing off. Shearing is caused by swelling and shrinkage of the timber, or so-called warping. This warping is particularly pronounced in the boards' transverse direction. The timber "wants" to take the screw with it, while the lower part of the screw remains securely fixed in the substructure. Since the density of hardwood and tropical wood means the timber is very hard, the screw has no chance of pressing itself into the timber during warping. When the screw breaks off under this strain, this is known as shearing. The distance strip was developed to prevent stainless-steel screws from shearing off. It provides a leeway of 13 mm between the substructure and the deck board, allowing the stainless-steel screws to move with the wood.

What does 'shearing' mean?

Without a distance strip, the screw does not have any play, it can break off. This is known as 'shearing'.

With a distance strip the screw has a play of 13 mm. The screws can adjust to the movement of the wood. Shearing is prevented in this way.

Schematic representation »shearing«



Visible fastening to aluminium substructure



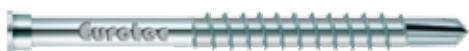
The profile drilling screws are suitable for the visible fixing of decking on the **Eurotec aluminium profiles, aluminium system profile EVO, EVO Light, HKP support profile and aluminium function strip.**



Visible fastening by means of a profile drill screw on an aluminium EVO system profile

Profile drilling screw

Hardened stainless steel



- Limited resistance to rust, not acid-resistant
- 10 years experience without corrosion problems with suitable woods
- Not suitable for woods containing high amounts of tanning agents, such as cumarú, oak, merbau, robinia, etc.
- Not suitable for use in chlorous atmospheres
- Stainless steel in accordance with DIN 10088

Art. no.	Dimensions [mm]	Drive	Board thickness [mm]	PU
905559	5,5 x 46	TX25 •	21 - 25	200
905562	5,5 x 51	TX25 •	26 - 30	200
905560	5,5 x 61	TX25 •	36 - 40	200

Profile drilling screw

A4



- Resistant to rust, limited resistance to acid
- Suitable for woods containing tanning agents and saline atmospheres
- Not suitable for use in indoor swimming pools

Stainless Steel

Note

The board should always be pilot-drilled to a diameter of 5,5 mm.

Art. no.	Dimensions [mm]	Drive	Board thickness [mm]	PU
905563	5,5 x 46	TX25 •	21 - 25	200
905564	5,5 x 51	TX25 •	26 - 30	200
905565	5,5 x 61	TX25 •	36 - 40	200

Wing-tipped profile drilling screw

Hardened stainless steel



- Limited resistance to rust, not acid-resistant
- 10 years experience without corrosion problems with suitable woods
- Not suitable for woods containing high amounts of tanning agents, such as cumarú, oak, merbau, robinia, etc.
- Not suitable for use in chlorous atmospheres
- Stainless steel in accordance with DIN 10088

Art. no.	Dimensions [mm]	Drive	Board thickness [mm]	PU
905568	5,0 x 55	TX20 •	20 - 25	200
905569	5,0 x 60	TX20 •	26 - 30	200
905570	5,0 x 70	TX20 •	35 - 40	200

Special feature

- Screws in quickly without pilot drilling

Please refer to the information we provide on "Selecting screw steels" (p. 8), as not all timber types should be installed with hardened stainless-steel screws.