

PRODUCT DATA SHEET

DRILL TOOL 50X

PRODUCT DESCRIPTION

The Drill Tool 50X is a **drilling template for the invisible fastening of decking boards**. With this tool you can exclusively fasten decking boards indirectly/invisible. There are no screw heads visible.

Through the help of fixation points the screws will be screwed in evenly in a 50° angle and are optimally placed. The spacer on the Drill Tool 50X will **automatically create an equally joint gap of 6 mm between the different planks**.



Drill Tool 50X

MATERIAL

- Drill Tool 50X: polyamide
- 50X deck screw 905514: stainless steel A2
- 50X long-bit: hard metal
- 50X step drill: hard metal

ADVANTAGES

- Quick and easy installation of decking boards
- Will result in an even joint pattern
- Fixation points are predefined



50X deck screw



50X long-bit



50X step drill

APPLICATION IMAGE



The Drill Tool 50X on a wood panel with the 50X step drill and the 50X decking screw.



The Drill Tool 50X on a wooden substructure with screwed connections.

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PRODUCT TABLE

Art. no.	Designation	Height [mm]	Length [mm]	Width [mm]	PU
499985	Drill Tool 50X	19,8	45	27	1

Art. no.	Designation	Diameter [mm]	Length [mm]	PU
905514	50X deck screw	4,2	60	250

Art. no.	Designation	Length [mm]	Drive [mm]	PU
499985-Bit	50X long-bit	82	TX25	1

Art. no.	Designation	PU
499985-Bohrer	50X step drill	1

INSTRUCTIONS FOR USE

With the help of the Drill Tool 50X decking boards can be fastened indirectly/invisibly. For the optimal fastening and without damaging the decking board, we advise you to use our 50X deck screw 4,2 mm x 60 mm, 50X Long-Bit 82 mm TX15 and the 50X Stage Drill 3,3 mm to 4,5 mm.

For Covering thickness ≥ 21 mm and Covering width 110 mm – 150 mm.

RECOMMENDATION

We recommend the following types of wood for use with the 50X system:

Wood types	Maximum dimensions	
	Plank thickness [mm]	Plank width [mm]
Softwoods	21 – 25	110 – 145
Douglas Fir	21 – 25	110 – 145
Ipe, Lapacho	21 – 25	110 – 120
Cumaru	21 – 25	110 – 120
Merbau	21 – 25	110 – 145
Acetylated wood	21 – 25	110 – 145
Walaba	21 – 25	110 – 145
Bangkirai	21 – 25	110 – 145

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IMPORTANT

The use of smooth sawn boards should be avoided by all matters!

Massaranduba as well as all other timbers with low dimensional stability are not suitable for concealed fastening. The moisture content of the timber must be between 16 - 20 %. The joint spacing must be adapted to the moisture content of the timber. If the average moisture content of the timber is 18 % a joint spacing of at least 7 mm has to be considered. For the usage of a tension clamp during installation, additional spacers to guarantee a joint spacing of ≥ 6 mm are required to prevent the tool from being damaged. With the use of timber species containing tanning agents a discoloration of the timber surface and/or the screw may occur.

If the board is suitable of this kind fixation has to be determined by the supplier of the timber. During the installation, the moisture content of the timber has to be considered. Boards with a residual moisture content are more likely to shrink/swell, which could lead to an uneven joint spacing.

If you are not familiar with how this product is used, and particularly with the product's intended use, please contact our Application Technology department (technik@eurotec.team).