SOLVER.

PRODUCT CARD

Short name

DEC-LT90-(400)

Full name

Hidden deck fastener DECK-DRY, plank width 83-90 mm

BASE DATA

Product group	Deck-Dry
Application	• wooden decking
Code	301.010111
EAN	5 9 0 4 2 7 6 3 4 5 1 2 2

TECHNICAL DATA

Minimum height	15 mm
Maximum height	15 mm
Total dimension - length	113 mm
Total dimension - width	25 mm
Total product dimensions - height	15 mm
Head diameter (top plate)	Ø 0 mm (0 cm2)
Base diameter	Ø 0 mm (0 cm2)
Weight	~0.03 kg
Wytrzymałość na obciążenia do	0 kg
Fire resistance	E
Temperature range	od -20°C do 65°C

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Color	black, silver
Mandatory warranty	Limited 10-year residential and commercial warranty
Country of origin	Poland
Material name	Polyamide- black regrind, Stainless steel
Percentage of recycled material	77.78 %
Type of waste	• non-hazardous waste - recyclable
Project type	• exterior use

What finishing materials can be used
• wooden decking boards

Consists of
Connector 83–90 mm , Stainless steel washer - DIN125

CERTIFICATES

Product certified by the Building Research Institute. NATIONAL TECHNICAL ASSESSMENT ITB-KOT-2022-2174

EPD
INTERNATIONAL EPD SYSTEM

Geprüfte Qualität
Zertifiziert gemäß DVN:5750
DD Pedestals
Höhenverstellbares Stelzlager
Prüfbericht: www.ifv.org/dvn:5750/qu157690629097
Testverfahren: www.ifv.org/dvn - Abruf: 21.01.2026
IfV Deutsches Institut für Verbraucherschutz

LOGISTICS INFORMATION

Package	Quantity Packaging Value	Package weight	Empty package weight	Palett	Number of packages on a pallet	Number of pieces on a pallet	Pallet weight	Empty pallet weight
BOX 500x300x200	400	11 kg	0.381 kg	WOODEN PALLET 120x100x220	80	32000	912 kg	18 kg

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Characteristic features

Patented terrace installation system that increases the durability of decking boards

Product features:

1. For boards with a width from 83 to 90 mm
2. Spaces the board 15 mm from the joist
3. Prevents wet contact between the board and the joist
4. Extends the lifespan of decking boards
5. The board remains in an air-dry state

Application

Designed for raised deck terraces with wooden boards, where an elevated level of durability and resistance to rot is required.

Invisible board mounting from underneath - boards are not damaged by screws from the top.

Advantages

Product advantages:

1. The invisible fastening system involves attaching decking boards to joists in such a way that no visible drill marks or screws remain on their surface. This allows the boards to maintain their natural appearance, making the use of screw caps unnecessary. This solution enhances safety – there is no risk of screws protruding over time. If necessary, boards can be easily removed without damaging their top surface. The patented technology also ensures a gap between the board and the joist, eliminating a damp contact point that promotes rot. As a result, with regular maintenance, the deck retains its durability for many years.

Installation recommendations

Fasteners should be attached to the boards at a spacing corresponding to the joist layout, selecting their type according to the board width and the screw length according to the board thickness. During installation, maintain expansion gaps between the boards (6–8 mm). Secure the boards sequentially by screwing the fasteners through the gaps into the joists. The last board should be fastened on both sides using additional fastener pieces. For installation, chamber-dried boards should be used, which ensures their dimensional stability, reduces the risk of warping, and increases the durability of the terrace structure. Installation should be carried out in accordance with good construction practices and health and safety regulations. Proceed according to the instructions.

Tools

Cordless screwdriver. Drill bit 3.5 mm for hardwood board, 3.0 mm for softwood board. Pencil. Angle finder. Saw for cutting boards. Jigsaw. Tape measure. Bit set.

Recommendations for use

Regularly clean the gaps between boards and the end surfaces and grooves. At least once a year (preferably twice) perform maintenance - filling cracks, rounding sharp edges, and impregnating the board surfaces. Perform the first service impregnation one year after installation. Continuously remove dirt (mud, food, liquids, fats). Use only non-metal tools for snow removal. Replace damaged boards with new ones; pre-calibration is recommended. Ensure proper water drainage from under the terrace. Avoid long-term placement of heavy furniture, planters, or umbrellas in one spot without ensuring air circulation. Protect furniture legs with pads to prevent wood damage. Do not cover the terrace with foil or cardboard to allow moisture evaporation. Individual boards can be disassembled for service or replacement.

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