

PRODUCT CARD

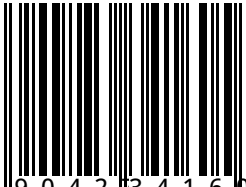
Short name

STA-DS100-(100)

Full name

Height coupler for STANDARD - height 100 mm

BASE DATA

Product group	Standard
Application	• terrace tiles • terrace joist
Code	102.070111
EAN	5 9 0 4 2 7 6 3 4 1 6 0 5  5 9 0 4 2 7 6 3 4 1 6 0 5



TECHNICAL DATA

Minimum height	100 mm
Maximum height	100 mm
Total dimension - length	97 mm
Total dimension - width	97 mm
Total product dimensions - height	120 mm

Head diameter (top plate) Ø 0 mm (0 cm2)

Base diameter Ø 0 mm (0 cm2)

Weight ~0.11 kg

Wytrzymałość na obciążenia do 1000 kg (10kN)

Fire resistance E

Temperature range od -20°C do 65°C

Color black

Mandatory warranty Limited 10-year residential and commercial warranty

Country of origin Poland

Material name Polypropylene - black regrind

Percentage of recycled material 100 %

Type of waste • non-hazardous waste - recyclable

Project type • exterior use

What finishing materials can be used

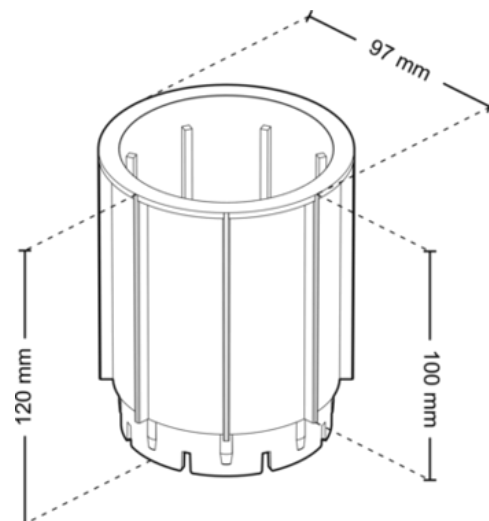
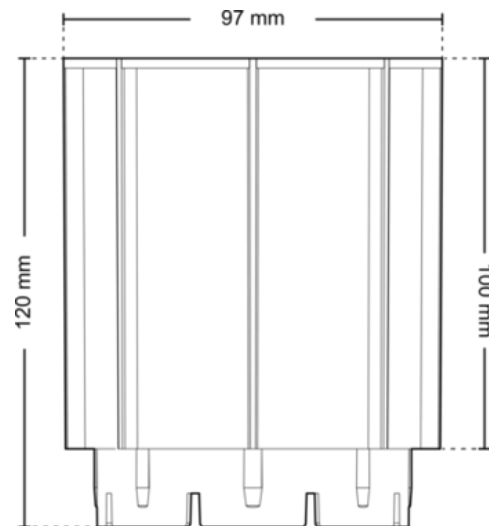
- concrete paver
- stone pavers
- ceramic tile
- hardwood joist
- softwood joist
- aluminium joist
- WPC joist

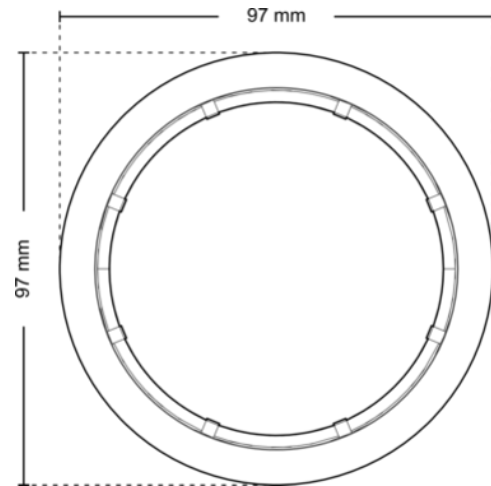
Consists of

Extension STANDARD

CERTIFICATES

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





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 600x500x400	100	12 kg	1.452 kg	WOODEN PALLET 120x100x220	20	2000	269 kg	18 kg

Characteristic features

Characteristics of the STANDARD series

1. Versatile application
2. Smooth height adjustment
3. Height adjustment by rotating the nut
4. Wide range of accessories

Characteristics of the accessory:

1. Increases the height of STANDARD pedestals by 100 mm
2. Easy snap-on installation

Application

Application of raised deck terraces:

The raised deck terrace system finds wide application in modern residential, commercial, and public utility construction. This solution is intended for creating:

1. terraces, balconies, and loggias
2. usable roofs and green roofs
3. recreational areas around buildings
4. pedestrian walkways, decks, and squares
5. spaces above technical installations requiring easy service access.

The system enables quick installation without the use of mortars and adhesives, ensuring free water drainage and ventilation under the entire terrace surface. Thanks to adjustable pedestals and/or joist construction, it allows for leveling slopes and height differences in the substrate.

Raised deck terraces are a particularly recommended solution where the following are important:

1. durability and resistance to weather conditions
2. aesthetic appearance and even surface
3. easy access to the insulation layer and installations
4. possibility of quick modernization or surface replacement

For the construction of raised deck terraces with pavers or boards on joists. Used in residential, commercial, and public utility buildings.

Used for raised deck terraces requiring a STANDARD pedestal height greater than 220 mm.

Advantages

Advantages of raised deck terraces:

1. Height and level adjustment – possibility of precise leveling of the surface without the need for screeds
2. Effective drainage – gaps in the terrace drain water to the space under the terrace
3. Easy maintenance – access to installations and substrate without dismantling the entire structure
4. Easy maintenance – access to installations and substrate without dismantling the entire structure
5. Thermal and acoustic insulation – the air layer under the pavers improves user comfort
6. Quick installation and dismantling – possibility of reusing elements when changing the arrangement
7. Durability – resistance to weather conditions and usage loads

Advantages of the accessory:

1. Quick installation - height couplers are installed by pressing
2. Inside the construction there are special reinforcements that ensure proper load transfer

Installation recommendations

A raised deck terrace does not require permanent anchoring to the substrate. Free water drainage and ventilation must be ensured under the entire surface of the terrace. The substrate must be level, stable, and load-bearing. A slope of at least 1.5–2% towards the drainage must be provided. In the case of higher loads, densify the support grid. Level the terrace height by adjusting the pedestals. At building expansion joints, maintain a gap and seal it with flexible elements. Pedestals cannot be stacked on top of each other - meaning the base of the upper pedestal cannot be placed on the top cap of the lower pedestal. The holes in the base are only for stacking pedestals during packaging.

Adjustable pedestals are intended for the construction of external raised floors used exclusively by pedestrians. They are not designed to carry loads from moving or vibrating equipment and machinery, including service vehicles, cleaning machines, cars, or other similar equipment. Height adjustment is carried out by rotating the nut threaded onto the pedestal screw. Do not unscrew the pedestal screws beyond the permissible height range. The minimum compressive strength of the substrate in the case of insulation boards is 200 kPa.

The pedestals have been tested for compressive strength up to a height of 420 mm. There are no contraindications to using them above this height, provided that both the pedestals and the entire floor structure maintain full stability. The manufacturer does not specify a maximum limit height for the STANDARD series pedestals. The final decision regarding the permissible installation height in each case belongs to the contractor, who should be guided by the principles of good construction practice.

Tools

- Measure - Spirit level - String line or cross line laser - Pencil or construction marker - Mason's rule - Rubber mallet - Work gloves - Safety glasses - Hearing protection - Dust mask - Metal saw blade or jigsaw with metal cutting blade for trimming elements

Recommendations for use

The raised deck terrace is intended for use in accordance with its purpose – as a recreational surface. Do not point-load the pavers (e.g., by placing very heavy objects on a small area). Avoid mechanical impacts that could damage the pavers or the support structure. The terrace surface should be regularly swept, and leaves, sand, and debris that may accumulate in the joints should be removed. At least once a year, check the stability of the pavers and pedestals. After winter or heavy rainfall, check the drainage system for blockages. If looseness or damage is found – perform adjustment or replacement of the elements. If access to the space under the pavers is required (e.g., for installations, drains), they should be carefully lifted using appropriate lifters or lifting tools. If access to the space under the pavers is required (e.g., for installations, drains), they should be carefully lifted using appropriate lifters or lifting tools. In the case of a slippery surface, use anti-slip mats or additional protective coatings, e.g., around the pool.