

PRODUCT CARD

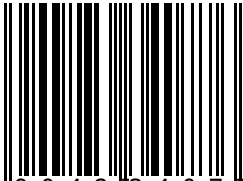
Short name

SPI-DS60-(70)

Full name

Height extender for SPIRAL - height 60 mm

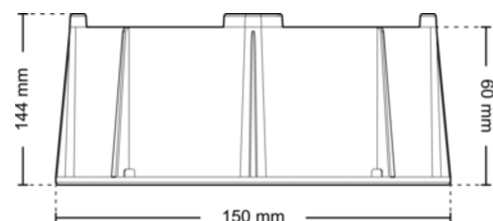
BASE DATA

Product group	Spiral
Application	• terrace tiles • terrace joist
Code	103.060111
EAN	5 9 0 4 2 7 6 3 4 0 7 7 6  5 9 0 4 2 7 6 3 4 0 7 7 6



TECHNICAL DATA

Minimum height	60 mm
Maximum height	60 mm
Total dimension - length	150 mm
Total dimension - width	150 mm
Total product dimensions - height	68 mm
Head diameter (top plate) Ø	140 mm (153 cm ²)
Base diameter	Ø 148 mm (173 cm ²)
Weight	~0.2 kg
Wytrzymałość na obciążenia do	2000 kg (20kN)

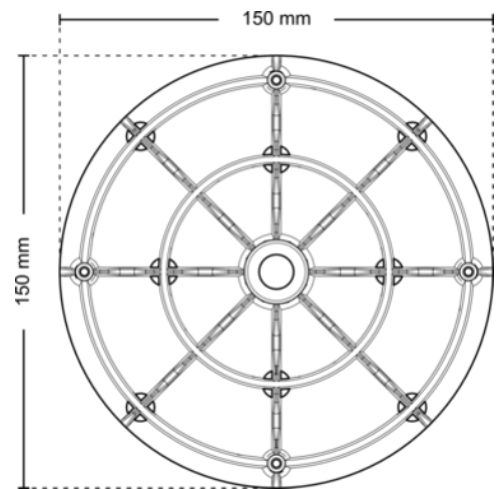
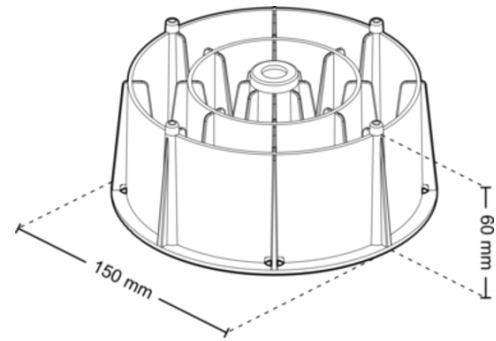


Fire resistance	E
Temperature range	od -20°C do 65°C
Color	black
Mandatory warranty	Limited 10-year residential and commercial warranty
Country of origin	Poland
Material name	Polypropylene - black regrind
Percentage of recycled material	100 %
Type of waste	• non-hazardous waste - recyclable
Project type	• exterior use

Consists of
Spacer pad SPIRAL

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	70	15 kg	1.452 kg	WOODEN PALLET 120x100x220	20	1400	327 kg	18 kg

Characteristic features

Characteristics of the SPIRAL series

1. Step adjustment every 1 mm
2. High load-bearing capacity
3. For low-height raised deck terraces

Product features:

1. Increases the height of SPIRAL pedestals by 60 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 construction.

Used for raised deck terraces requiring SPIRAL pedestal height greater than 90 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

Product advantages:

1. Quick installation - extensions are installed by pressing
2. Inside the structure 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.

Height adjustment is stepped and is achieved by rotating the halves relative to each other. Each step is a height difference of 1 mm. 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 90 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 SPIRAL 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.