

PRODUCT CARD

Short name

STA-120-220-AD-(36)

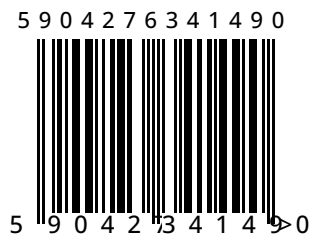
Full name

Adjustable pedestal STANDARD 120-220 mm for outdoor raised flooring for decking with AD

BASE DATA

Product group	Standard
Application	• terrace joist
Code	102.040611

EAN



TECHNICAL DATA

Minimum height	120 mm
Maximum height	220 mm
Regulation type	smooth
Total dimension - length	182 mm
Total dimension - width	182 mm
Total product dimensions - height	120 mm

Head diameter (top plate) Ø 100 mm (74 cm2)

Base diameter Ø 176 mm (190 cm2)

Weight ~0.39 kg

Wytrzymałość na obciążenia do 1000 kg (10kN)

Fire resistance E

Temperature range od -20°C do 65°C

Color black, grey

Mandatory warranty Limited 10-year residential and commercial warranty

Country of origin Poland

Material name Polypropylene - black regrind, Polypropylene - original transparent, Gray pigment, White chalk

Percentage of recycled material 93.19 %

Type of waste • non-hazardous waste - recyclable

Project type • exterior use

What finishing materials can be used

- hardwood joist
- softwood joist
- aluminium joist
- WPC joist

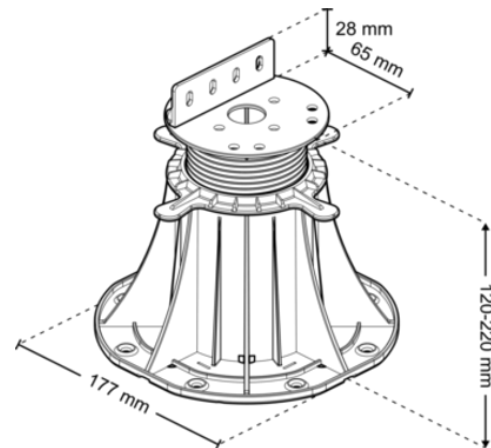
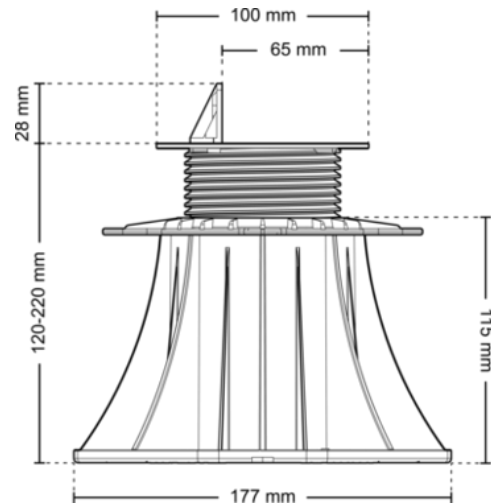
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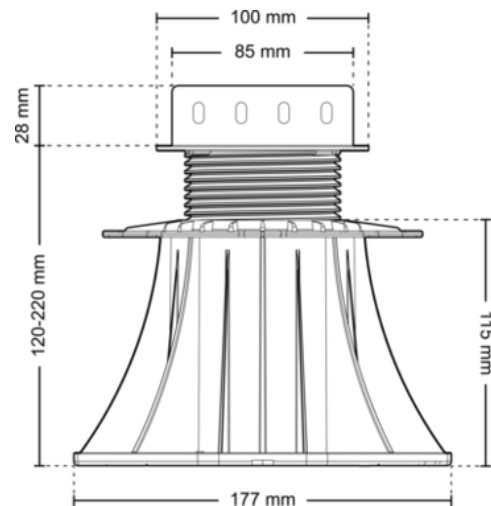
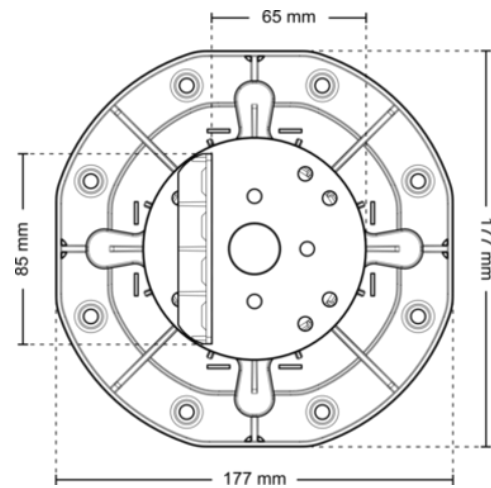
STANDARD base 4 , STANDARD 4 Screw , STANDARD Nut , Joist adapter for STANDARD - height 28 mm

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	36	15 kg	1.452 kg	WOODEN PALLET 120x100x220	20	720	330 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

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.

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
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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

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.

Recommendations for a terrace with decking: Mount the joist using universal screws to the adapter mounted by pressing into the cap of the pedestal head. The distance (pedestal spacing) depends on the material from which the terrace joist is made and its cross-sectional dimensions.

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.

It is not recommended to drive vehicles onto a raised deck terrace system or to apply point loads.