

PRODUCT CARD

Short name

PAD-016-L5-(90)

Full name

16 mm fixed height pavers support pad with built in 3 mm and individual gap spacers 5 mm

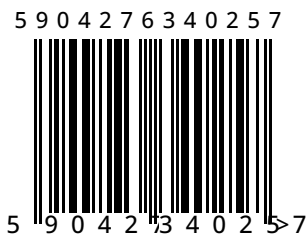
BASE DATA

Product group Paver supports

Application • terrace tiles

Code 101.050211

EAN



TECHNICAL DATA

Minimum height 16 mm

Maximum height 16 mm

Regulation type gradual

Total dimension - length 175 mm

Total dimension - width 175 mm

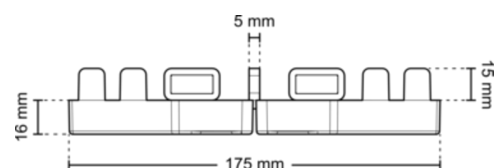
Total product dimensions - height 31 mm

Head diameter (top plate) Ø 175 mm (248 cm²)

Base diameter Ø 175 mm (248 cm²)

Weight ~0.13 kg

Wytrzymałość na 1000 kg (10kN)



obciążenia do

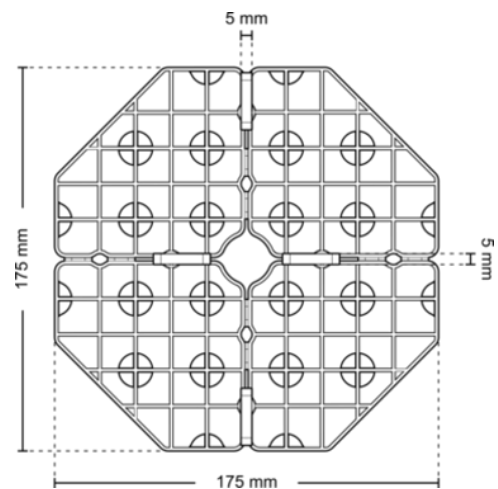
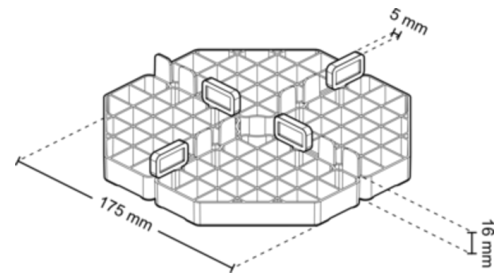
Fire resistance	E
Temperature range	od -20°C do 65°C
Color	black
Mandatory warranty	Limited 10-year residential and commercial warranty
Country of origin	Poland
Material name	Polypropylene - black regrind
Percentage of recycled material	100 %
Type of waste	• non-hazardous waste - recyclable
Project type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

What finishing materials can be used

- stone pavers
- concrete paver
- ceramic tile

Consists of

Support pad 16 mm , Individual gap spacer for tiles 5 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 600x500x200	90	12 kg	0.76 kg	WOODEN PALLET 120x100x220	40	3600	520 kg	18 kg

Characteristic features

Characteristics of the PAD series

1. Fixed height
2. Built-in 3 mm tile spacers
3. Modular construction allowing for easy cutting/snapping

Product features:

1. Includes additional 5 mm spacers for pavers
2. For installing pavers in a raised deck system, without height adjustment
3. Stackable to achieve greater heights
4. Increased load capacity
5. Increased base diameter

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 laying terrace pavers without fluid height adjustment in a ventilated system and on a dry-set bedding course

Ideal for creating external terraces with ceramic pavers or tiles, intended exclusively for pedestrian traffic.

For use in projects such as:

Roof terraces

Balconies

Loggias

Swimming pools

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

Product advantages:

1. Reinforced construction and ribbing
2. Increased base dimensions
3. Ability to break into halves and quarters
4. Stacking capability

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.

Recommendations for terraces with pavers: Set pedestals according to paver dimensions – standard spacing 40–60 cm, at corners - according to paver manufacturer's recommendations. Lay pavers starting from a corner, resting each on four pedestals. Maintain 3 or 5 mm expansion joints between pavers. Check level and stability of each paver, adjust pedestal settings as needed. The terrace should have edge restraint around its perimeter to prevent pavers from shifting. If edge restraint cannot be installed, secure the last row of pedestals and pavers against displacement using anchors or adhesive.

Before starting the installation, carefully analyze the technical documentation and other guidelines, including those related to the installation of floor slabs. Particular attention should be paid to the indicated support points for these slabs. Always follow the slab manufacturer's recommendations to ensure the products are suitable for installation in a raised deck system and to determine the number of support pads/pedestals per 1 m².

Qualification of "SELF-SUPPORTING" slabs in classes T7 and T11 according to the EN 1339:2004-02 standard is recommended. Support pads can be stacked. We recommend a maximum stack consisting of 3 support pads. Minor unevenness resulting from differences in slab thickness should be leveled using AKCW-SH145. When laying support pads along a wall, they should be cut in half, and in corners, into quarters.

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.

1. Maintenance Cleaning: Regularly sweep and remove debris (leaves, sand). Wet cleaning: Rinse with water under low pressure. Use mild detergents for ceramics. Joints: Monitor and replenish sand in the gaps if necessary to ensure surface stability. 2. Usage Garden furniture: Use pads under furniture legs. Move them carefully to avoid scratching the surface. Snow removal: Use a shovel with a plastic tip. Avoid road salt and other aggressive chemicals. 3. Inspection Check that the slope is functioning correctly and water drains freely. If the pavers become unstable, lift them and reposition them using support pads.