

PRODUCT CARD

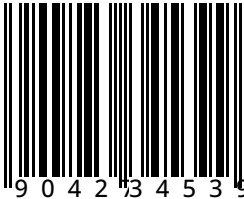
Short name

ADEC-ACA-(1)

Full name

Fixed click adapter for AluDeck joist for STANDARD and CLEVER LEVEL pedestals, height 2 mm

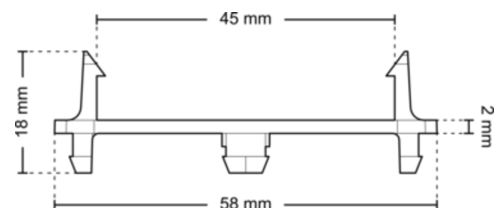
BASE DATA

Product group	AluDeck
Application	• terrace tiles • terrace joist • wooden decking • wpc decking boards
Code	109.020111
EAN	5 9 0 4 2 7 6 3 4 5 3 9 9  5 9 0 4 2 7 6 3 4 5 3 9 9



TECHNICAL DATA

Minimum height	2 mm
Maximum height	2 mm
Total dimension - length	58 mm
Total dimension - width	58 mm
Total product dimensions - height	18.5 mm
Head diameter (top plate) Ø	0 mm (0 cm2)
Base diameter	Ø 0 mm
Weight	~0.01 kg



Wytrzymałość na obciążenia do	0 kg
Fire resistance	E
Temperature range	od -20°C do 65°C
Mandatory warranty	Limited 10-year residential and commercial warranty
Country of origin	Poland
Material name	Polycarbonate - transparent regrind, Black pigment
Percentage of recycled material	98 %
Type of waste	• non-hazardous waste - recyclable
Project type	• Fountain • exterior use

What finishing materials can be used

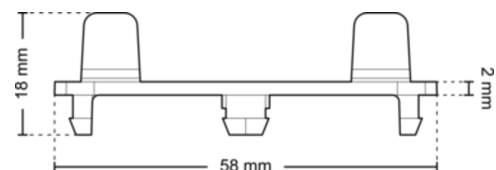
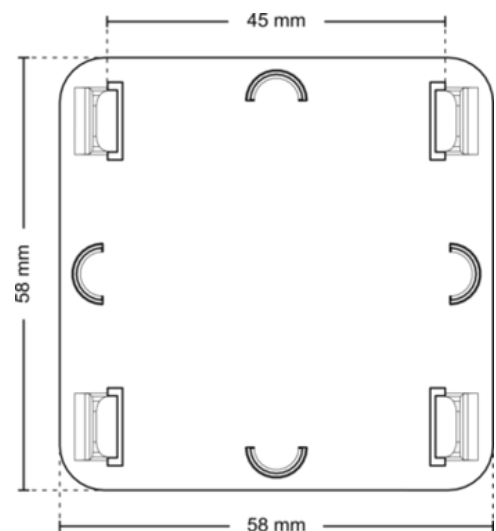
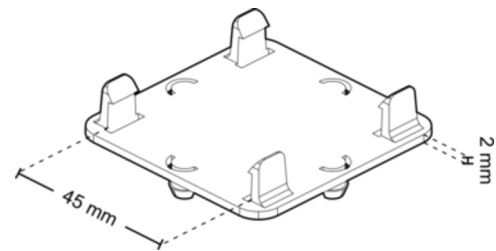
- AluDeck
- concrete paver
- ceramic tile
- aluminium joist
- stone pavers

Consists of

Alu click adapter

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
-	-	- kg	- kg	-	-	-	- kg	- kg

Characteristic features

Product features:

Click System: Equipped with top hooks (clips) designed for screwless installation of ADJ series aluminum joists.

Material: High-quality plastic resistant to variable weather conditions and structural loads.

Precise positioning: The underside features dedicated fixing pins that guarantee perfect seating in the pedestal head.

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

Designed for connecting AluDeck ADJ aluminum joists with STANDARD and CLEVER LEVEL series adjustable pedestals.

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For connecting AluDeck ADJ joists with the head of STANDARD and CLEVER LEVEL pedestals.

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. Fast installation: Significantly speeds up the process of installing the terrace substructure compared to traditional methods requiring screwing.
2. Screwless installation: Eliminates the risk of corrosion at drill points and errors resulting from improper screw installation.
3. Stable connection: "Click" type latches ensure a durable and rigid connection of the joist to the pedestal, which translates into the stability of the entire terrace.

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.

Adapter should be pressed into the pedestal head, inserting the mounting pins into the dedicated holes until the surfaces are fully flush. A rubber mallet can be used gently. Joist mounting: The ADJ aluminum joist should be pressed against the adapter until the "click" type latches engage.

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

Manual installation: Thanks to the snap-in system, installing the adapter and joist does not require the use of specialized tools. Optionally, a rubber mallet can be used for installation.

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.