

DAKOTA<sup>®</sup>

outdoor

products for external.





DAKOTA

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# **ADJUSTABLE SUPPORTS FOR RAISED FLOORS**

The ideal solutions for any need.





100% MADE  
IN DAKOTA

Thanks to continuous **research and technological innovation**, which has always been the basis for the development of new products, **DAKOTA** now has different lines of **Supports for Raised Floors** with unique and specific characteristics for every need!

The **Supports for Raised Floors** have been designed to **support high load, combining versatility, sound insulation**, ease of installation and adjustment even when the floor has already been laid.

Thanks to the extraordinary advantages offered in terms of functionality and versatility, **Dakota's proposal meet every design, stylistic and structural need: installers, architects and designers will thus be able to find the most suitable solution for their specific needs.**

*“To meet all the needs of an increasingly evolving market, the supports for raised floors are produced by DAKOTA for the installation of floors with tiles, but also for the installation of wooden decking or WPC.”*



#### FIX TILE SUPPORT

"The most requested solution in the market, practical and economical. The best option for a flooring that requires a fixed support"

#### ARKIMEDE LINE

"The most innovative support, with a complete line of accessories that allow to reach different heights and optimize your warehouse"

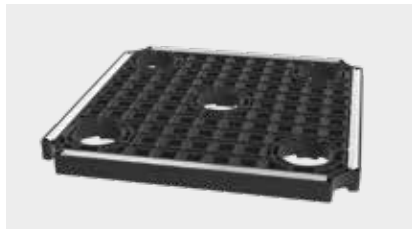


#### 3D-SCOPIC LINE

"Ideal for creating floating floors that must be adjusted in a very easy way, even after installation"

#### HERCULES LINE

"The perfect support for reaching high heights and for supporting considerable loads, also adjusting it from the top"



#### LEVEL-UP

"An exclusive and patented system that offers maximum safety. Practical, extremely safe and anti-fallw"

# N° of supports per sqm (average incidence)

These values derive from a pure mathematical calculation, based on the **hypothesis of an infinite terrace without a perimeter** and without considering the potential installation variables, such as scraps and areas with different situations than expected in the design phase.  
These are purely indicative values, also considering that the smaller is the terrace, the greater is the need for supports per m2.  
Therefore, starting from what is indicated in the table, we invite you to increase the quantities by about 10%.

TILES cm	30	40	45	50	60	80	90	100
30	11,2	8,4	7,5	6,7	5,6	8,4*	7,5*	6,7*
40	8,4	6,3	5,6	5	4,2	6,3*	5,6*	5*
45	7,5	5,6	5	4,5	3,8	5,6	5	4,5
50	6,7	5	4,5	4	3,4	5	4,5	4
60	5,6	4,2	3,8	3,4	5,6	4,2	3,8	3,4
80	8,4	6,3	5,6	5	4,2	6,3	5,6	5
90	7,5	5,6	5	4,5	3,8	5,6	5	4,5
100	6,7	5	4,5	4	3,4	5	4,5	4
120	5,6*	4,2*	3,8	3,4	2,8	4,2	3,8	3,4
140	9,5	7,2	6,4	5,7	4,7	3,6**	3,2**	2,9**
160	8,3	6,2	5,6	5	4,1	3,1**	2,8**	2,5**
180	7,4	5,6	5	5	3,7	2,8**	2,5**	2,5**

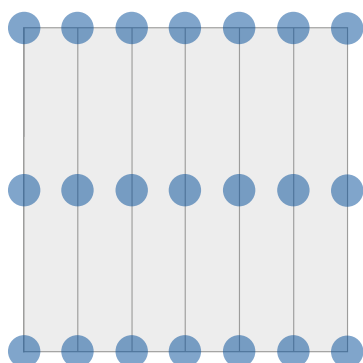
\* estimated calculation without central support of the tile.

\*\* 4 additional supports per tile are foreseen.

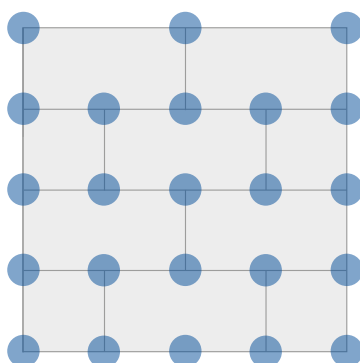
# Instructions for various format with supports in raised installation



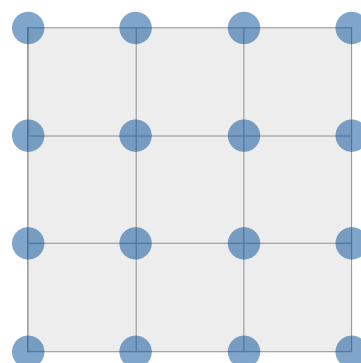
30 x 120 cm



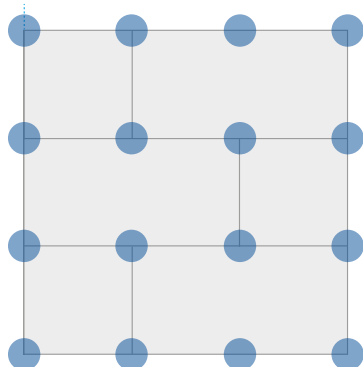
30 x 60 cm



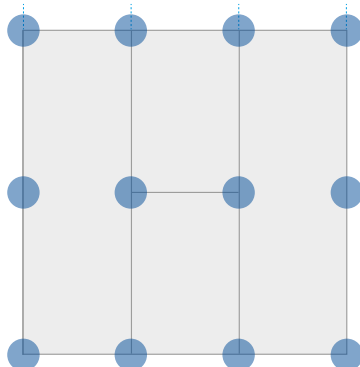
40 x 40 cm



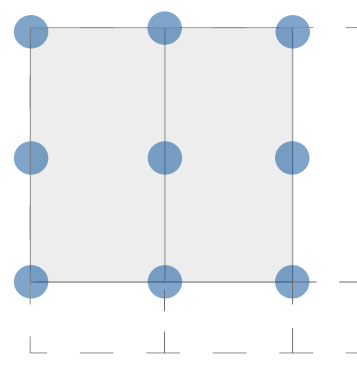
40 x 80 cm



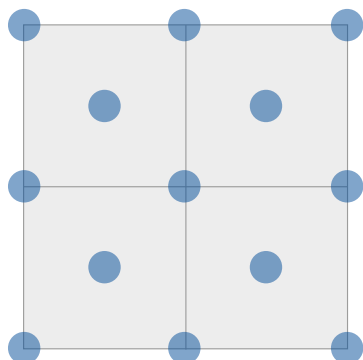
40 x 120 cm



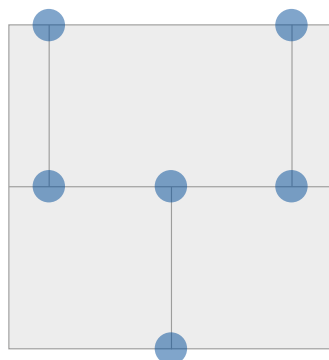
45 x 90 cm



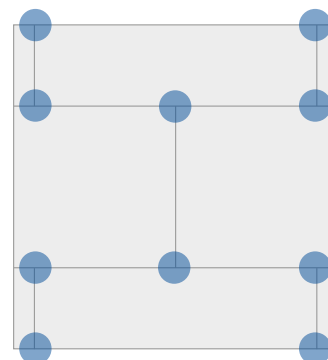
60 x 60 cm



60 x 90 cm



80 x 140 cm



! The layouts shown above are purely indicative. It is advisable to refer to the technical data sheet of the tile and / or the manufacturer's instructions for use and installation before installation.



100% MADE  
IN DAKOTA

# Fix tile support

"The most requested solution in the market, practical and economical. The best option for a flooring that requires a fixed support"

The fix support is the ideal solution for the laying of exterior tiles (typically concrete tiles) in outdoor environments (balconies, terraces, roof tops, patios, etc.). The height of the support is 14 mm, thickness of joints 4 mm and diameter 155 mm.

It is pre-cut to be easily divided up to 4 pcs.

The 1 and 3 mm levelers disc can be added to the support for a perfect adjustment of the installation height.

Furthermore, it is possible to combine it with the **new anti-noise rubber** to reduce the sound from footsteps, with a thickness of 1 mm.

The system guarantee the flow of rainwater and avoids direct contact with the tile with possible waterproofing membrane, avoiding the risk to damage it.



## #WhyFixTileSupport

THE MOST USED!



THE CHEAPEST!



### PRODUCED WITH RECYCLED AND RECYCLABLE MATERIAL

These products testify to Dakota's commitment to greater eco-sustainability for an increasingly "green" future.

Dakota Group has been producing using self-produced photovoltaic energy and using recycled raw materials, both from the regeneration of waste plastic materials in production, and by using post-consumer recycled polymers.

Finally, the renewed electric injection machinery guarantees greater energy efficiency by decreasing energy consumption and the impact of the CO<sub>2</sub> produced.

#Our  
Green  
Way



# FIX TILE SUPPORT

Code	Product		mm	Pkg.	Pallet	UM
TER09-1120	Fix tile support		-	360 pcs.	5.760 pcs.	pc.
TER09-1121/1	Leveller for tile		thick. 1	500 pcs.	10.000 pcs.	pc.
TER09-1121	Leveller for tile		thick. 3	500 pcs.	10.000 pcs.	pc.
TER09-1147/G	Anti-noise rubber shim		thick. 1	120 pcs.	15.120 pcs.	pc.

## DESCRIPTION

Fix tiles support for the laying of the exterior tiles.  
Height 14 mm (overall dimensions 28 mm) and diameter 155 mm.  
It can be splitted up in 4 pieces and can be added 1 or 3 mm levelers.

## MATERIAL

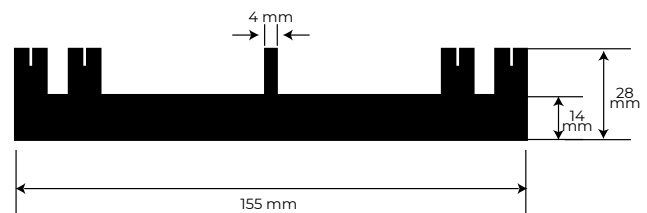
Made of recycled PP (polypropylene).

## USE

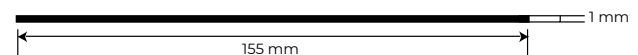
This product allows the laying of exterior tiles (typically cement tiles) in outdoor environments (balconies, terraces, roof tops, patios, etc.) with a height of 14 mm.

The use of 1 or 3 mm additional levellers allows to reach higher heights.

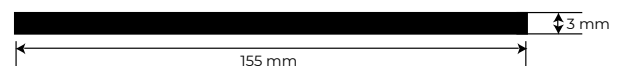
Fix tile support



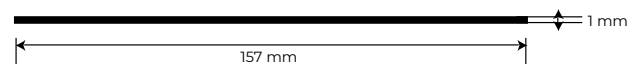
Leveller for tile 1 mm



Leveller for tile 3 mm

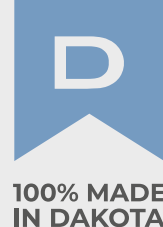


Anti-noise rubber shim 1 mm



# Arkimede.

the complete range.



ARKIMEDE is a family of adjustable supports that allows the laying of raised floors or decking with an excursion from 10 mm (ARKIMEDE 10).

ARKIMEDE Line consists of 6 models:

- **ARKIMEDE 10** from 10 mm;
- **ARKIMEDE 18** from 18 mm;
- **ARKIMEDE 35** from 35 mm;
- **ARKIMEDE 41 Self-leveling** up to 5% slope -from 41 mm;
- **ARKIMEDE 60** from 60 mm;
- **ARKIMEDE 115** from 115 mm.

Each support is supplied pre-assembled in its 3 elements:

**a base** (surface 314 cm<sup>2</sup>), **a rotating ring** for height adjustment and **a head** (both fixed and self-leveling) for paving (2 or 4mm joint) and for decking, with a fin specifically designed for joist in wood or aluminum, suitable for all the decking systems, especially for the ones proposed by Dakota Living.

**ARKIMEDE line is completed by a wide and complete range of accessories for lateral finishing, slope compensation and anti-noise system.**

## #whyArkimede

### BRILLIANT!



With ARKIMEDE you can reduce the stock of references in the warehouse! With one support and an extension, you can reach all desired heights!

### COMPLETE!



The ARKIMEDE line includes a complete range of accessories for all the needs: anti-noise rubber for the head, sound-absorbing mats, clips for lateral support and side finishing, slope compensators and compatibility with joist systems for paving and decking substructures.

### PRODUCED WITH RECYCLED AND RECYCLABLE MATERIAL

These products testify to Dakota's commitment to greater eco-sustainability for an increasingly "green" future.

Dakota Group has been producing using self-produced photovoltaic energy and using recycled raw materials, both from the regeneration of waste plastic materials in production, and by using post-consumer recycled polymers.

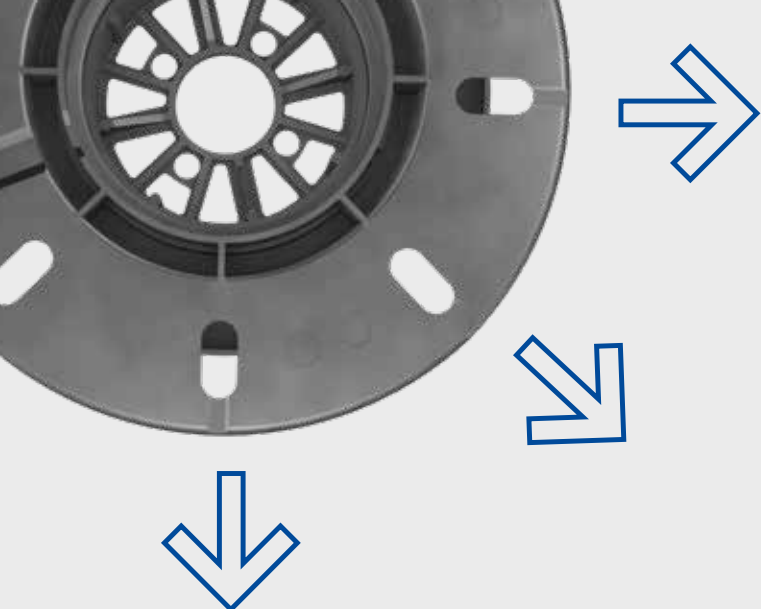
Finally, the renewed electric injection machinery guarantees greater energy efficiency by decreasing energy consumption and the impact of the CO<sub>2</sub> produced.

## #Our Green Way



watch the video!





“The most complete innovation to reach all heights and to optimize the stock”



ARKIMEDE 10



ARKIMEDE 18



ARKIMEDE 35



ARKIMEDE 41

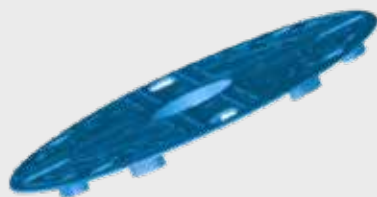


ARKIMEDE 60

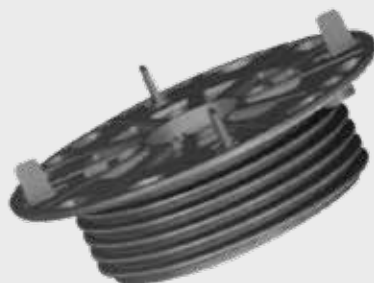


ARKIMEDE 115

Rubber shim, the (almost) mandatory accessory!



Head for paving and decking

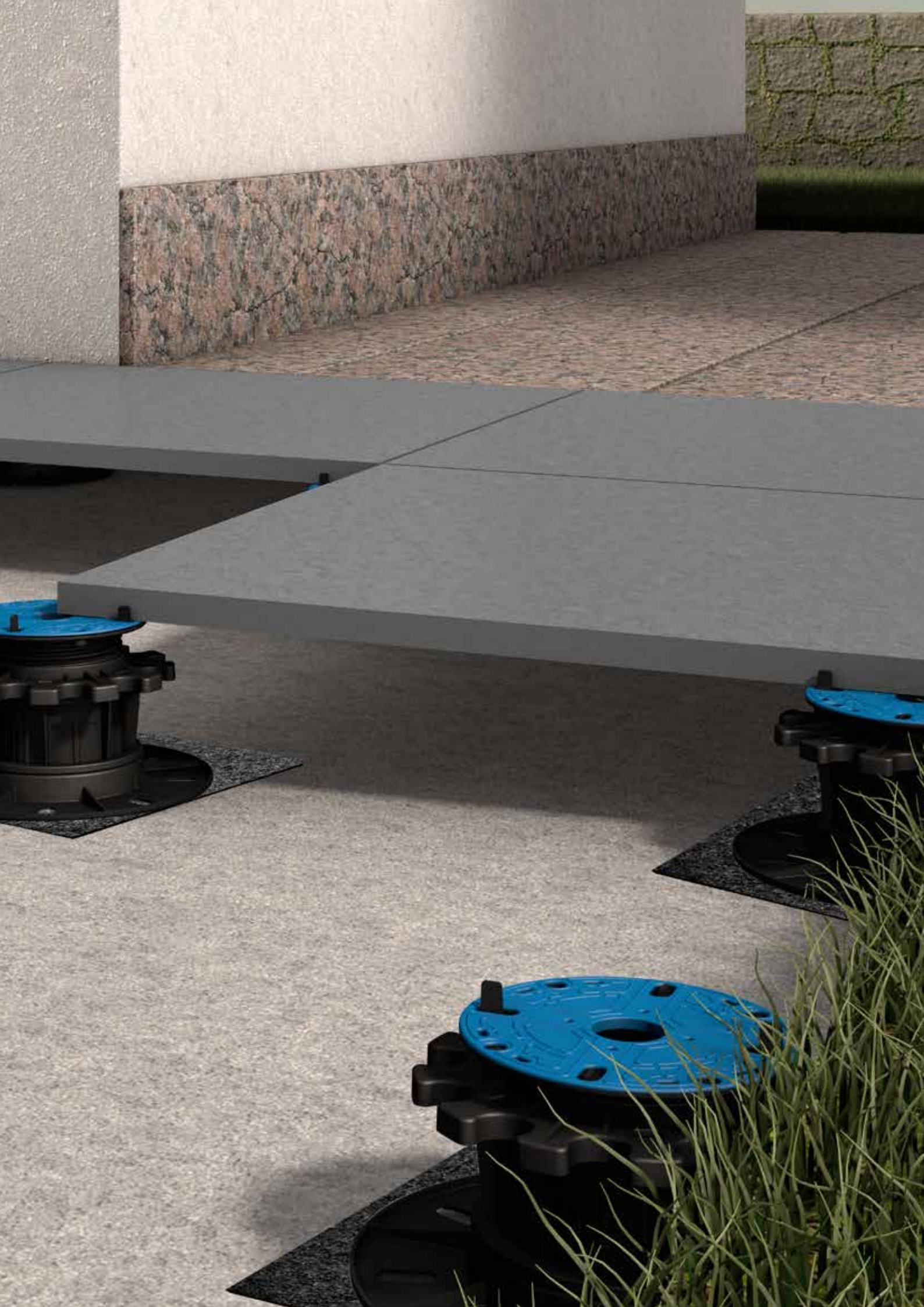


Ring nut for a millimeter lateral adjustment



Base with grooves for the outflow of water and pre-cuts for side installation






# ARKIMEDE PAVING LINE

Code	Product		mm	Pkg.	Pallet	UM
TER09-1147/4A2M	ARKIMEDE 10 paving 2 mm		from 10 to 20	30 pcs.	810 pcs.	pc.
TER09-1147/4A4M	ARKIMEDE 10 paving 4 mm		from 10 to 20	30 pcs.	810 pcs.	pc.
TER09-1145/4A2M	ARKIMEDE 18 paving 2 mm		from 18 to 36	30 pcs.	1.350 pcs.	pc.
TER09-1145/4A4M	ARKIMEDE 18 paving 4 mm		from 18 to 36	30 pcs.	1.350 pcs.	pc.
TER09-1143/4A2M	ARKIMEDE 35 paving 2 mm		from 35 to 60	30 pcs.	1.350 pcs.	pc.
TER09-1143/4A4M	ARKIMEDE 35 paving 4 mm		from 35 to 60	30 pcs.	1.350 pcs.	pc.
TER09-1193/4A2M	ARKIMEDE 41 - Self-leveling paving 2 mm		from 41 to 66	30 pcs.	1.350 pcs.	pc.
TER09-1193/4A4M	ARKIMEDE 41 - Self-leveling paving 4 mm		from 41 to 66	30 pcs.	1.350 pcs.	pc.
TER09-1163/4A2M	ARKIMEDE 60 paving 2 mm		from 60 to 115	30 pcs.	450 pcs.	pc.
TER09-1163/4A4M	ARKIMEDE 60 paving 4 mm		from 60 to 115	30 pcs.	450 pcs.	pc.
TER09-1173/4A2M	ARKIMEDE 115 paving 2 mm		from 115 to 220	15 pcs.	225 pcs.	pc.
TER09-1173/4A4M	ARKIMEDE 115 paving 4 mm		from 115 to 220	15 pcs.	225 pcs.	pc.








## ARKIMEDE 10 PAVING

Ref.	Code	Product	height (mm)	Pkg.	Pallet	UM
	TER09-1147/4A2M	ARKIMEDE 10 paving 2 mm	from 10 to 20	30 pcs.	1.620 pcs.	pc.
	TER09-1147/4A4M	ARKIMEDE 10 paving 4 mm	from 10 to 20	30 pcs.	1.620 pcs.	pc.



## ARKIMEDE 18 PAVING

Ref.	Code	Product	height (mm)	Pkg.	Pallet	UM
	TER09-1145/4A2M	ARKIMEDE 18 paving 2 mm	from 18 to 36	30 pcs.	1.350 pcs.	pc.
	TER09-1145/4A4M	ARKIMEDE 18 paving 4 mm	from 18 to 36	30 pcs.	1.350 pcs.	pc.
	TER09-1145/P9	ARKIMEDE 18 - Extension 9 mm	h. 9 mm	30 pcs.	3.780 pcs.	pc.



## ARKIMEDE 35 AND 41 SELF LEVELING PAVING

Ref.	Code	Product	height (mm)	Pkg.	Pallet	UM
	TER09-1143/4A2M	ARKIMEDE 35 paving 2 mm	from 35 to 60	30 pcs.	1.350 pcs.	pc.
	TER09-1143/4A4M	ARKIMEDE 35 paving 4 mm	from 35 to 60	30 pcs.	1.350 pcs.	pc.
	TER09-1193/4A2M	ARKIMEDE 41 paving Self-leveling 2 mm	from 41 to 66	30 pcs.	1.350 pcs.	pc.
	TER09-1193/4A4M	ARKIMEDE 41 paving Self-leveling 4 mm	from 41 to 66	30 pcs.	1.350 pcs.	pc.
	TER09-1143/P25	Extension h. 25 mm	h. 25 mm	30 pcs.	2.700 pcs.	pc.
	TER09-1143/P50	Extension h. 50 mm	h. 50 mm	30 pcs.	1.620 pcs.	pc.
	TER09-1143/P100	Extension h. 100 mm	h. 100 mm	30 pcs.	1.200 pcs.	pc.

## ARKIMEDE 60 PAVING

Ref.	Code	Product	height (mm)	Pkg.	Pallet	UM
	TER09-1163/4A2M	ARKIMEDE 60 paving 2 mm	from 60 to 115	30 pcs.	450 pcs.	pc.
	TER09-1163/4A4M	ARKIMEDE 60 paving 4 mm	from 60 to 115	30 pcs.	450 pcs.	pc.
	TER09-1143/P50	Extension h. 50 mm	h. 50 mm	30 pcs.	1.620 pcs.	pc.
	TER09-1143/P100	Extension h. 100 mm	h. 100 mm	30 pcs.	1.200 pcs.	pc.

## ARKIMEDE 115 PAVING

Ref.	Code	Product	height (mm)	Pkg.	Pallet	UM
	TER09-1173/4A2M	ARKIMEDE 115 paving 2 mm	from 115 to 220	15 pcs.	225 pcs.	pc.
	TER09-1173/4A4M	ARKIMEDE 115 paving 4 mm	from 115 to 220	15 pcs.	225 pcs.	pc.
	TER09-1143/P100	Extension h. 100 mm	h. 100 mm	30 pcs.	1.200 pcs.	pc.

## ARKIMEDE LINE ACCESSORIES - PAVING

Ref.	Code	Product	mm	Pkg.	Pallet	UM
	TER09-1143/C1	Clever for ARKIMEDE Slope 1%	ø 120	360 pcs.	16.200 pcs.	pc.
	TER09-1143/C3	Clever for ARKIMEDE Slope 3%	ø 120	360 pcs.	16.200 pcs.	pc.
	TER09-1143/C5	Clever for ARKIMEDE Slope 5%	ø 120	180 pcs.	8.100 pcs.	pc.
	TER09-1147/G	Anti-noise rubber shim for ARKIMEDE 10	ø 157 - thick. 1	120 pcs.	15.120 pcs.	pc.
	TER09-1143/G**	Anti-noise rubber shim for ARKIMEDE	ø 120 - thick. 2	180 pcs.	8.100 pcs.	pc.
	TER09-1123R**	Anti-noise rubber shim for ARKIMEDE	ø 110 - thick. 3	600 pcs.	5.400 pcs.	pc.
	TER09-1144	Insulation Noise Reducer	200 x 200 thick. 3	80 pcs.	6.720 pcs.	pc.
	TER09 -1144/P	Insulation Noise Reducer Plus	200 x 200 thick. 3	80 pcs.	9.600 pcs.	pc.
	TER09-1144/T	Round Insulation Noise Reducer	ø 200 thick. 3	30 pcs.	10.800 pcs.	pc.
	TER09-1152/3BPL*	Kit of 10 plates, 10 lateral supports and 30 tile fixing clips for lateral finishing	204 x 204	1 set	144 set	set
	TER09-1146/C*	Base clip for vertical finishing 10 mm	10 mm	100 pcs.	-	pc.
	TER09-1146/E*	Head clip for vertical finishing 10 mm	10 mm	100 pcs.	-	pc.
	TER09-1146/D*	Base clip for vertical finishing 20 mm	20 mm	100 pcs.	-	pc.
	TER09-1146/F*	Head clip for vertical finishing 20 mm	20 mm	100 pcs.	-	pc.
	TER09-1146/A	Universal clip for lateral laying	-	100 pcs.	7.000 pcs.	pc.
	TER09-1142TB2	Self-leveling Head paving 2 mm	ø 120 mm	15 pcs.	1.890 pcs.	pc.
	TER09-1142TB4	Self-leveling Head 4 mm	ø 120 mm	15 pcs.	1.890 pcs.	pc.
	TER09-1142TPU	Universal joist head for Arkimede	Ø 122 mm	30 pcs.	1.350 pcs.	pc.

\* Accessories not available for ARKIMEDE 10 and 18.

\*\* Accessories not available for ARKIMEDE 10.

# PAVING SELF-LEVELING HEAD FOR ARKIMEDE h. 14 mm

Code	Product	mm	Pkg.	Pallet	UM
TER09-1142TB2	Self-leveling Head paving 2 mm	ø 120 mm	15 pcs.	1.890 pcs.	pc.
TER09-1142TB4	Self-leveling Head 4 mm	ø 120 mm	15 pcs.	1.890 pcs.	pc.

## DESCRIPTION

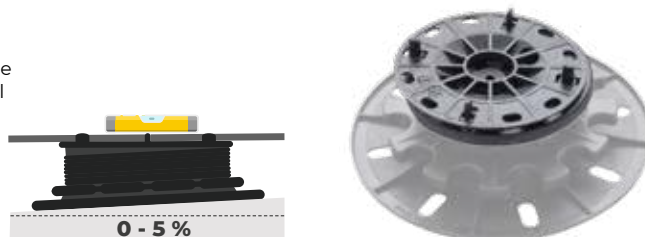
ARKIMEDE Self Leveling is an accessory for the ARKIMEDE support that connects with the ARKIMEDE support. It can be matched with all ARKIMEDE Paving Line. The installation on the head of the support can be made once the wings are removed. The installation of the self-leveling head increase the total height of the support of 14 mm. It guarantees a leveling on 0% to 5% slopes.

## MATERIAL

Made of recycled PP (polypropylene).

## USE

Used in external areas, terraces, pavements.



# CLEVER - SLOPE REGULATOR

Code	Product	mm	Bag.	Pkg.	Pallet	UM
TER09-1143/C1	Clever - Slope 1 %	ø 120	30 pcs.	360 pcs.	16.200 pcs.	pc.
TER09-1143/C3	Clever - Slope 3 %	ø 120	30 pcs.	360 pcs.	16.200 pcs.	pc.
TER09-1143/C5	Clever - Slope 5 %	ø 120	30 pcs.	180 pcs.	8.100 pcs.	pc.

## DESCRIPTION

Leveling rubber disc for sloping compensation. Diameter 120 mm, available in 3 different model of 1%, 3% and 5% slopes.

## MATERIAL

Made of thermoplastic rubber.

## USE

Clever allows the compensation of slopes from 1% up to 5%. Just put it on the head of the support (with the arrow along the direction of the slope) and twist it for a final regulation. Clever guarantees to have a perfectly flat surface and to reduce walkover noise.



# ANTI-NOISE RUBBER SHIM

Code	Ref.	Product	mm	Pkg.	Pallet	UM
TER09-1143/G	01	Anti-noise rubber shim for ARKIMEDE	ø 120 mm - thick. 2 mm	180 pcs.	8.100 pcs.	pc.
TER09-1147/G	02	Anti-noise rubber shim for ARKIMEDE 10	ø 157 mm - thick. 1 mm	120 pcs.	15.120 pcs.	pc.

## DESCRIPTION

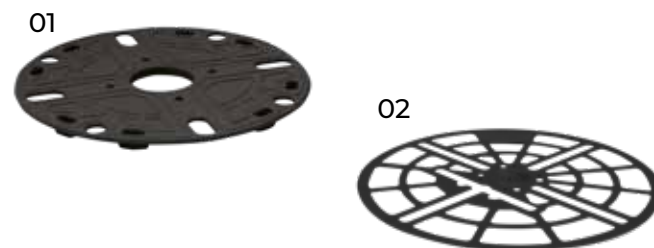
Anti-noise rubber for ARKIMEDE line. TER09-1143/G works with ARKIMEDE 18, 35, 41, 60 e 115 only Paving. Diameter 120 mm, thickness 2 mm. Not available for ARKIMEDE 10. TER09-1147/G works with ARKIMEDE 10 only, **both paving and decking**. Diameter 157 mm, thickness 1 mm.

## MATERIAL

Made of thermoplastic rubber.

## USE

TER09-1143/G has to be placed on both the 3D-Scopic and ARKIMEDE Support heads for paving only, TER09-1147/G works on ARKIMEDE 10, both paving and decking. It reduces walkover noise.





## ANTI-NOISE RUBBER SHIM

Code	Product	mm	Pkg.	Pallet	UM
TER09-1123R	Anti-noise rubber shim for paving	ø 110 mm - thick. 3 mm	600 pcs.	5.400 pcs.	pc.

### DESCRIPTION

Anti-noise rubber  
Diameter 110 mm, thickness 3 mm.  
Not available for ARKIMEDE 10.

### MATERIAL

Made of rubber (EPDM).

### USE

This product has to be placed on both the 3D-Scopic and ARKIMEDE Support heads for paving only (except for ARKIMEDE 10). It reduces walkover noise.



## INSULATION NOISE REDUCER

Code	Ref.	Product	mm	Pkg.	Pallet	UM
TER09-1144	01	Insulation Noise Reducer	200 x 200 - thick. 3	80 pcs.	6.720 pcs.	pc.
TER09 -1144/P	01	Insulation Noise Reducer Plus	200 x 200 thick. 3	80 pcs.	9.600 pcs.	pc.
TER09-1144/T	02	Round Insulation Noise Reducer	ø 200 thick. 3	30 pcs.	10.800 pcs.	pc.

### DESCRIPTION

Sound absorbing rubber mat for ARKIMEDE range telescopic support.  
Thickness 3 mm.

### MATERIAL

Made of rubber (TPV).

### USE

Used to be positioned at the base of the ARKIMEDE range telescopic support to reduce footfall noise up to 12 dB.

01



02



## ANTI-NOISE RUBBER PAD FOR TILES

Code	Product	mm	Pkg.	Pallet	UM
TER09-1131	Anti-noise rubber pad for tiles	ø 130 mm - thick. 2 mm	100 pcs.	7.200 pcs.	pc.

### DESCRIPTION

Anti-noise rubber pad for tiles.  
Diameter 130 mm, thickness 2 mm.

### MATERIAL

Made of thermoplastic rubber.

### USE

It reduces walkover noise and, thanks to the 4 removeable tabs for the grout lines, allows an easy laying of the tiles.



# MAGNELIS® COATED STEEL JOIST AND ADAPTER

Code	Ref.	Product	mm	Pkg.	Pallet	UM
TER09-1149ZM2	01	Magnelis® Coated Steel Joist	2.000	1 pc.	200 pcs.	pc.
TER09-1151	02	Adapter for Joist	-	30 pcs.	3.780 pcs.	pc.
TER09-1149/G	03	Anti-noise adhesive rubber tape	8 mm x 10 m	5 pcs.	1.260 pcs.	pc.
TER09-1151GR	04	Joist Connector	-	60 pcs.	7.560 pcs.	pc.
TER09-1149/A	05	Paving Cross Spacer 4mm for Magnelis®	-	150 pcs.	144 box	pc.
TER09-1149/B	06	Lateral wall spacer for Magnelis®	-	90 pcs.	144 box	pc.
TER09-1149/C	07	"T" connector for Magnelis®	-	120 pcs.	144 box	pc.
MIN01-5200P		Fixala - Black phosphate screw spike and adapter for screw	ø 3,5 x 25	1.000 pcs.	384.000 box	box.

## PATENT PENDING

### DESCRIPTION

Magnelis® joist with plastic fixing insert and hooking accessory (bajonetta) for the ARKIMEDE support.

The use of the bajonetta accessory guarantees a perfect coupling with all **ARKIMEDE 18, 35, 41, 60 and 115 supports**.

The system is completed with accessories such as linear and "T" connectors, wall spacer and paving cross spacer for the equidistant laying of tiles for outdoor flooring.

### MATERIAL

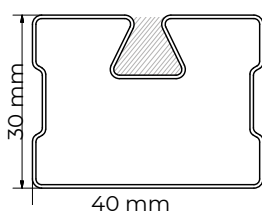
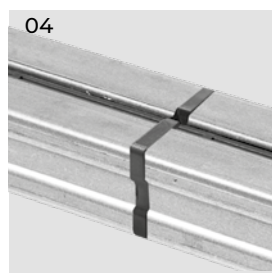
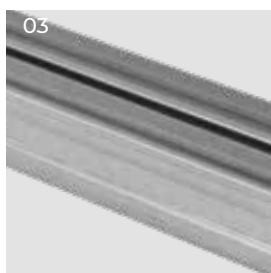
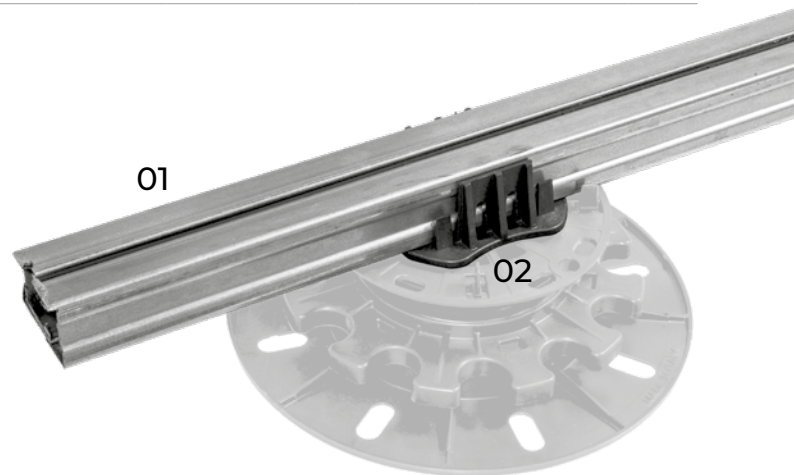
Insert and bajonetta are made of PP (polypropylene), joist made of Magnelis® Steel, Connectors and Cross made of PA.

Magnelis® is a flat carbon steel coated on both sides with a zinc-aluminium-magnesium alloy\*. Magnelis® is an exceptional metallic coating which provides a breakthrough in corrosion protection and is the best choice for a wide variety of applications. Thanks to its unique composition, Magnelis® provides an unprecedented level of surface and cut-edge protection, even in the most hostile environments

### USE

The system is used for the creation of substructure for the laying decking of outdoors Paving or Decking with ARKIMEDE supports. The insertion of the "V" insert in the appropriate shape of the joist and its subsequent fixing, through self-drilling screws, guarantees perfect locking.

The recommended spacing of the ARKIMEDE supports on the Magnelis® joist is 50 cm.



# KERADECK® ALUMINUM JOIST

Codice	Rif	Prodotto	Misure (mm)	Conf.	Pallet	UM
TER09-2299	01	Keradeck® Aluminum Joist	2.000	1 pc.	200 pcs.	pc.
TER09-1151	02	Adapter for Joist	-	30 pcs.	3.780 pcs.	pc.
TER09-2299/G	03	Anti-noise adhesive rubber tape	8,9 x 100 m	1 pc.	18 pcs.	pc.
TER09-2299/A	04	Paving spacer - 4 mm	-	200 pcs.	28.800 pcs.	pc.
TER09-2299/B	05	Linear Joist Connector	-	130 pcs.	18.720 pcs.	pc.
TER09-2299/C	06	"T" Joist Connector	-	130 pcs.	18.720 pcs..	pc.
TER09-2299/D	07	Overlap Mounting Joist Connector	-	200 pcs.	28.800 pcs.	pc.
TER09-2299/E	08	Corner reinforcement*	-	200 pcs.	28.800 box.	pc.
LV090		Fixing screw for aluminum	ø 3.5 x 16	1.000 pcs.	-	box

## PATENT PENDING

### DESCRIPTION

Keradeck® joist in aluminum for decking and paving. The peculiar structure of its surfaces allows on one side the application of clips for decking boards, on the other side, the laying of tiles for external raised floors.

The use of the adapter guarantees perfect fixing with **ARKIMEDE 35, 41, 60 and 115 supports**.

The connectors allow linear, T-shaped and overlapping junctions between several Keradeck® joists.

The cross, once attached to the paving side, allows the equidistant laying of tiles for outdoor flooring.

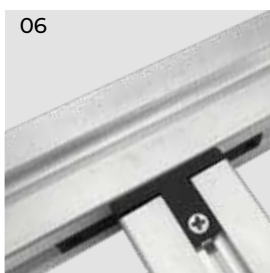
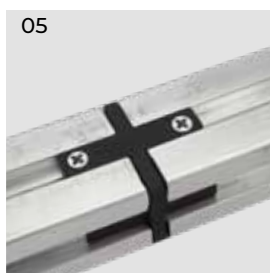
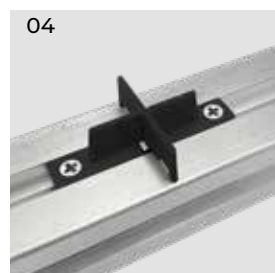
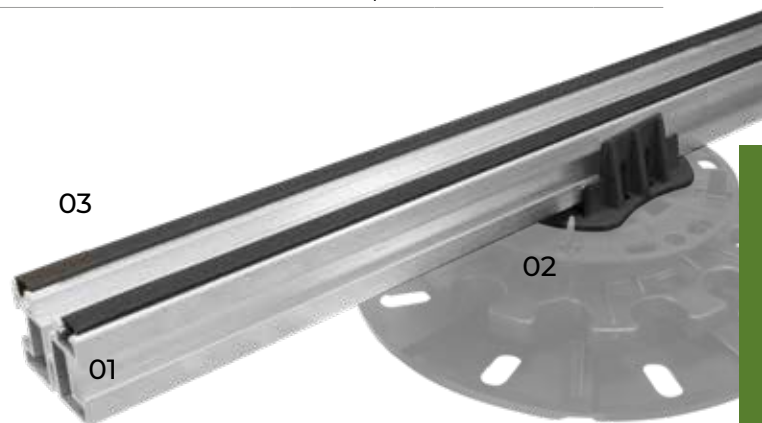
### MATERIAL

Adapter in PP (polypropylene), joist made of aluminum and accessories made of PA (polyamide).

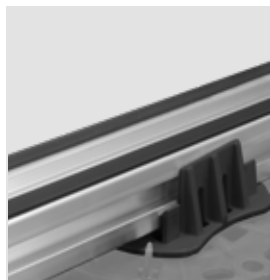
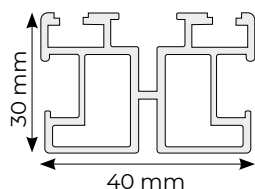
### USE

This product allows the making of a supporting structure for the laying of outdoor decking and paving. It is suggested to place the ARKIMEDE supports every 50 cm.

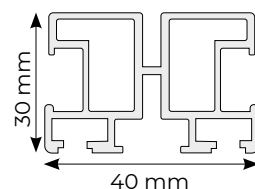
\* Bolts and screws not included



### PAVING SIDE



### DECKING SIDE



# PLASTIC KIT FOR LATERAL FINISHING - ARKIMEDE h. 35 mm

Code	Product	mm	Pkg.	Pallet	UM
TER09-1152/3BPL	Kit of 10 plates, 10 lateral supports and 30 tile fixing clips for lateral finishing	204 x 204	1 set	144 set	set

## KIT COMPONENTS

10 pcs



10 pcs



30 pcs



### DESCRIPTION

Plate and Lateral Clip are made of PP, they are used for the lateral finishing of the perimeter space in the absence of a lateral wall. Specifically designed for application with the ARKIMEDE supports only.

### MATERIAL

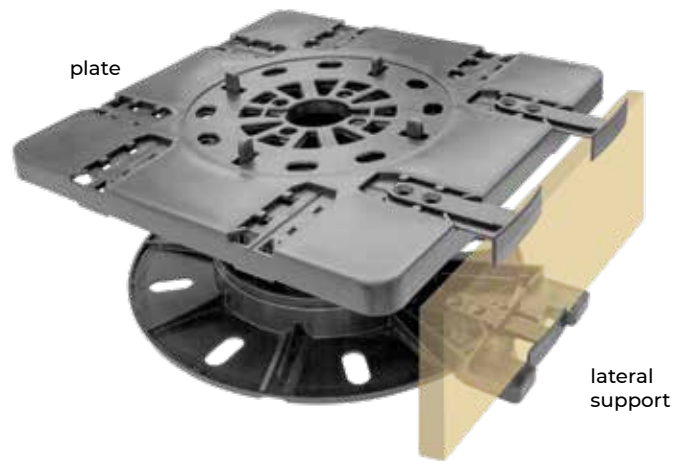
Made of PP (Polypropylene).

### USE

Used for the perimeter finishing in the absence of a lateral wall, in the installation of raised floors with ARKIMEDE supports.

The adjustable clips allow the fixing of tiles of different thickness, from 8 to 38 mm, in a very easy and simple way.

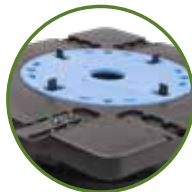
Plate and Lateral Clip fit with Head for Tile (2 or 4 mm) and work with **ARKIMEDE 35, 41, 60 and 115 paving only.**



ARKIMEDE 35, 41, 60 AND 115 PAVING ONLY.



ADJUSTABLE CLIPS FROM 8 TO 38 MM



ACCESSORY RUBBER SHIM (TER09-1143/G)



# STAINLESS STEEL CLIPS FOR LATERAL FINISHING

Code	Product	mm	Pkg.	Pallet	UM
TER09-1146/C	Base clip for vertical finishing - 10 mm	10	100 pcs.	-	pc.
TER09-1146/E	Head clip for vertical finishing - 10 mm	10	100 pcs.	-	pc.
TER09-1146/D	Base clip for vertical finishing - 20 mm	20	100 pcs.	-	pc.
TER09-1146/F	Head clip for vertical finishing - 20 mm	20	100 pcs.	-	pc.

## DESCRIPTION

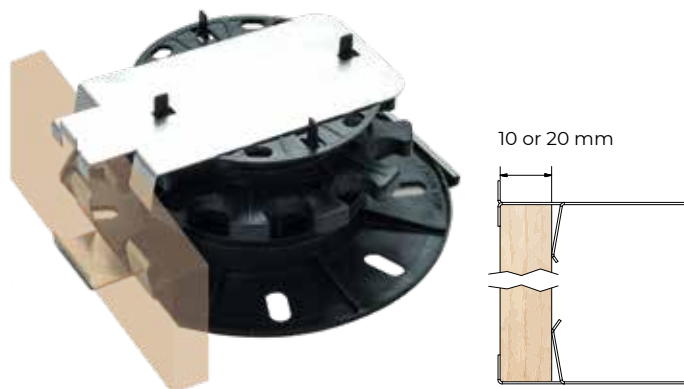
Set of clips that allows, in the installation of floating floors, the finishing of the perimeter space in the absence of a lateral wall. Specifically designed to be used with the ARKIMEDE supports only.

## MATERIAL

Made of stainless steel.

## USE

Used for the perimeter finishing in the absence of a lateral wall, in the installation of raised floors with **ARKIMEDE 35, 41, 60 and 115 for paving only**.





# UNIVERSAL CLIP FOR LATERAL LAYING

Code	Product	mm	Pkg.	Pallet	UM
TER09-1146/A	Universal clip for lateral laying	-	100 pcs.	7.000 pcs.	pc.
TER09-1146/AP	Universal clip for lateral laying in PP	-	200 pcs.	28.800 pcs.	pc.

## DESCRIPTION

Universal clip for the perimeter laying of tiles for floating floors. The clip avoids the contact between the tiles and the wall, thanks to its special shape that absorbs all possible movements and dilatations. Specifically designed to be used with these Dakota Supports: ARKIMEDE, 3D-Scopic, Hercules and Level Up.

## MATERIAL

Made of stainless steel or PP.



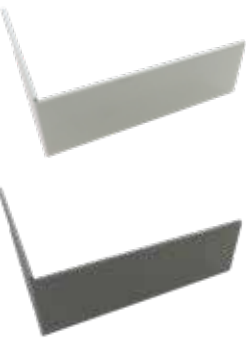
## USE

Used for laying of perimeter tiles with Dakota raised floor supports.





# ALUMINUM PROFILES FOR LATERAL FINISHING

Code	Product	Color		mm	Pkg.	UM
TER09-3700	Base for side finishing support in natural aluminium	-		80 x 2.700 x 20	10 pcs.	pcs.
TER09-3701GC	Side trim panel	Ash Grey		60 x 2.700	10 pcs.	pcs.
TER09-3701GA	Side trim panel	Grey Antique		60 x 2.700	10 pcs.	pcs.
TER09-3702GC	Side trim panel	Ash Grey		80 x 2.700	10 pcs.	pcs.
TER09-3702GA	Side trim panel	Grey Antique		80 x 2.700	10 pcs.	pcs.
TER09-3703GC	Side trim panel	Ash Grey		100 x 2.700	10 pcs.	pcs.
TER09-3703GA	Side trim panel	Grey Antique		100 x 2.700	10 pcs.	pcs.
TER09-3704GC	External angle 90° for side finish	Ash Grey		60 x 200	5 pcs.	pcs.
TER09-3704GA	External angle 90° for side finish	Grey Antique		60 x 200	5 pcs.	pcs.
TER09-3705GC	External angle 90° for side finish	Ash Grey		80 x 200	5 pcs.	pcs.
TER09-3705GA	External angle 90° for side finish	Grey Antique		80 x 200	5 pcs.	pcs.
TER09-3706GC	External angle 90° for side finish	Ash Grey		100 x 200	5 pcs.	pcs.
TER09-3706GA	External angle 90° for side finish	Grey Antique		100 x 200	5 pcs.	pcs.
TER09-3707GC	Junction for side trim panel	Ash Grey		60 x 70	5 pcs.	pcs.
TER09-3707GA	Junction for side trim panel	Grey Antique		60 x 70	5 pcs.	pcs.
TER09-3708GC	Junction for side trim panel	Ash Grey		80 x 70	5 pcs.	pcs.
TER09-3708GA	Junction for side trim panel	Grey Antique		80 x 70	5 pcs.	pcs.
TER09-3709GC	Junction for side trim panel	Ash Grey		100 x 70	5 pcs.	pcs.
TER09-3709GA	Junction for side trim panel	Grey Antique		100 x 70	5 pcs.	pcs.

## DESCRIPTION

Aluminium elements for lateral finishing of raised floors.

They consist of:

- A pre-drilled base to be screw-anchored to the raised paving supports;
- A perimeter profile in aluminium in 3 heights and to be chosen according to the elevation of the pavement in relation to the support plane of the supports;
- One junction element in 3 heights
- An 90° outer corner in 3 heights.

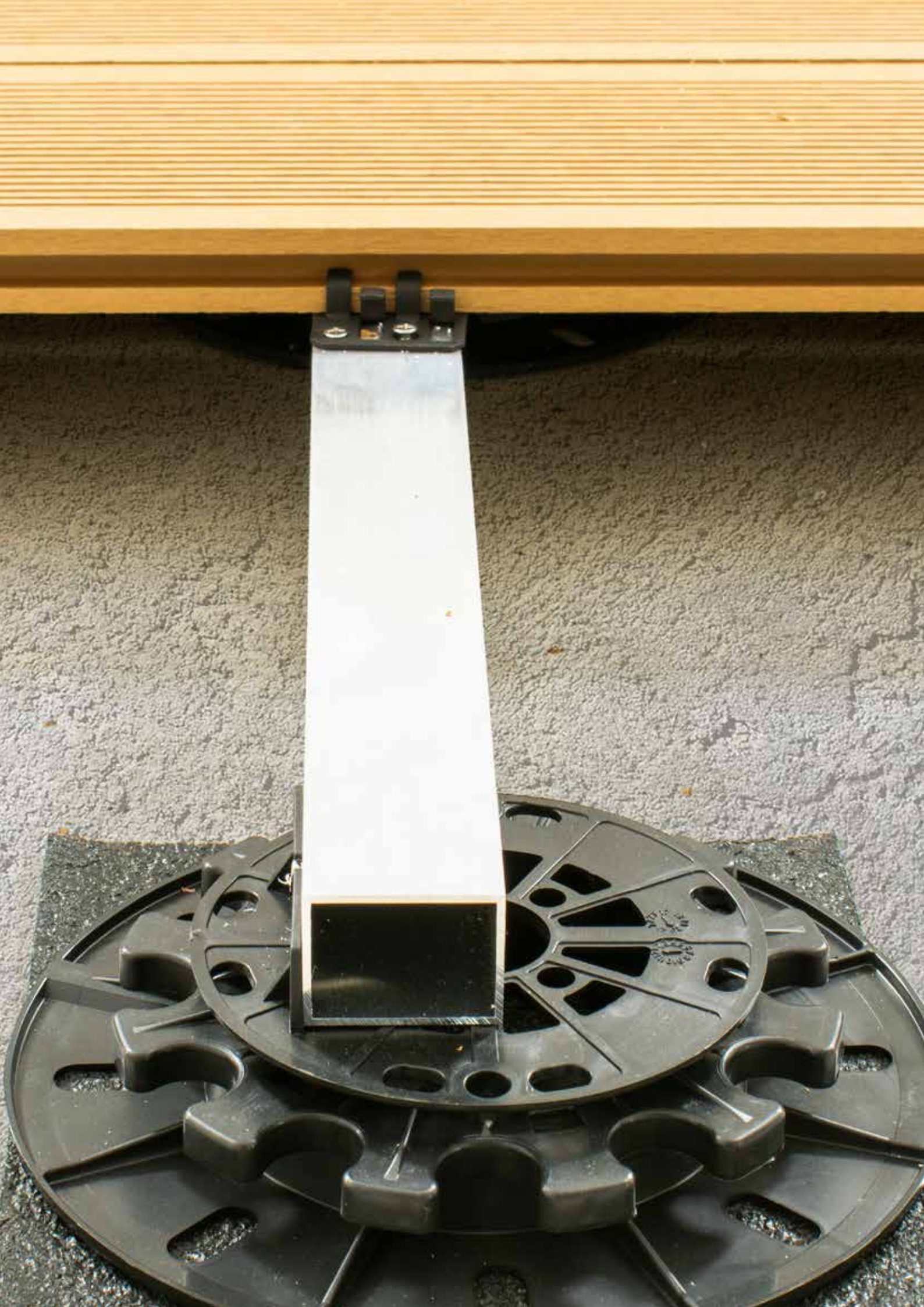
## MATERIAL

Base for support: natural Aluminium. Profile, joint and angular in painted Aluminium.

## USE

Finish and protect the outer edges of raised floors, terraces or balconies.






# ARKIMEDE DECKING LINE

Code	Product		mm	Pkg.	Pallet	UM
TER09-1147/1A	ARKIMEDE 10 Decking		from 10 to 20	30 pcs.	810 pcs.	pc.
TER09-1145/1A	ARKIMEDE 18 Decking		from 18 to 36	30 pcs.	1.350 pcs.	pc.
TER09-1143/1A	ARKIMEDE 35 Decking		from 35 to 60	30 pcs.	1.350 pcs.	pc.
TER09-1193/1A	ARKIMEDE 41 Self-leveling Decking		from 41 to 66	30 pcs.	1.350 pcs.	pc.
TER09-1163/1A	ARKIMEDE 60 Decking		from 60 to 115	30 pcs.	450 pcs.	pc.
TER09-1173/1A	ARKIMEDE 115 Decking		from 115 to 220	15 pcs	225 pcs.	pc.










## ARKIMEDE 10 DECKING

Ref.	Code	Product	height (mm)	Pkg.	Pallet	UM
	TER09-1147/1A	ARKIMEDE 10 Decking	from 10 to 20	30 pcs.	1.620 pcs.	pc.



## ARKIMEDE 18 DECKING

Ref.	Code	Product	height (mm)	Pkg.	Pallet	UM
	TER09-1145/1A	ARKIMEDE 18 Decking	from 18 to 36	30 pcs.	1.200 pcs.	pc.
	TER09-1145/P9	ARKIMEDE 18 Extension 9 mm	h. 9 mm	30 pcs.	3.780 pcs.	pc.



## ARKIMEDE 35 AND 41 SELF-LEVELING DECKING

Ref.	Code	Product	height (mm)	Pkg.	Pallet	UM
	TER09-1143/1A	ARKIMEDE 35 Decking	from 35 to 60	30 pcs.	1.200 pcs.	pc.
	TER09-1193/1A	ARKIMEDE 41 Self-leveling Decking	from 41 to 66	30 pcs.	1.350 pcs.	pc.
	TER09-1143/P25	Extension h. 25 mm	h. 25 mm	30 pcs.	2.700 pcs.	pc.
	TER09-1143/P50	Extension h. 50 mm	h. 50 mm	30 pcs.	1.620 pcs.	pc.
	TER09-1143/P100	Extension h. 100 mm	h. 100 mm	30 pcs.	1.200 pcs.	pc.

## ARKIMEDE 60 DECKING

Ref.	Code	Product	height (mm)	Pkg.	Pallet	UM
	TER09-1163/1A	ARKIMEDE 60 Decking	from 60 to 115	30 pcs.	450 pcs.	pc.
	TER09-1143/P50	Extension h. 50 mm	h. 50 mm	30 pcs.	1.620 pcs.	pc.
	TER09-1143/P100	Extension h. 100 mm	h. 100 mm	30 pcs.	1.200 pcs.	pc.

## ARKIMEDE 115 DECKING

Ref.	Code	Product	height (mm)	Pkg.	Pallet	UM
	TER09-1173/1A	ARKIMEDE 115 Decking	from 115 to 220	15 pcs.	225 pcs.	pc.
	TER09-1143/P100	Extension h. 100 mm	h. 100 mm	30 pcs.	1.200 pcs.	pc.

## ARKIMEDE LINE ACCESSORIES - DECKING

Ref.	Code	Product	mm	Pkg.	Pallet	UM
SLOPE COMPENSATORS						
	TER09-1142TB1*	Self-leveling for ARKIMEDE - Decking	ø 120 mm	15 pcs.	1890 pcs.	pc.
ANTI-NOISE						
	TER09-1147/G	Anti-noise rubber shim for ARKIMEDE 10	ø 157 - thick. 1	120 pcs.	15.120 pcs.	pc.
	TER09-1144	Insulation Noise Reducer	200 x 200 thick. 3	80 pcs.	6.720 pcs.	pc.
	TER09-1144/P	Insulation Noise Reducer Plus	200 x 200 thick. 3	80 pcs.	9.600 pcs.	pc.
	TER09-1144/T	Round Insulation Noise Reducer	ø 200 thick. 3	30 pcs.	10.800 pcs.	pc.
	TER09-1148TA	Rubber pad for joist	90 x 90 thick. 8	96 pcs.	10.368 pcs.	pc.
SUBSTRUCTURE						
	TER09-1149ZM2	Magnelis® Coated Steel Joist	2.000	1 pc.	200 pcs.	pc.
	TER09-1151*	Adapter for Steel Joist	-	30 pcs.	3.780 pcs.	pc.
		Anti-noise adhesive rubber tape	8 mm x 10 m	5 pcs.	1.260 pcs.	pc.
	MIN01-5200P	Fixala Plus - phosphate screw spike	ø 3,5 x 25	1.000 pcs.	384.000 cf	box
	TER09-1151GR	Linear connector for Magnelis®	-	60 pcs.	7.560 pcs.	pc.
	TER09-1149/B	Lateral wall spacer for Magnelis®	-	90 pcs.	144 cf.	pc.
	TER09-1149/C	"T" connector for Magnelis®	-	120 pcs.	144 cf.	pc.
	TER09-2299	Keradeck® Aluminium Joist	2.000	1 pc.	200 pcs.	pc.
	TER09-1151*	Adapter for Steel Joist	-	30 pcs.	3.780 pcs.	pc.
	TER09-2299/G	Anti-noise adhesive rubber tape	8,9 x 100 m	1 pc.	18 pcs.	pc.
	LV090	Fixing screw for aluminum	ø 3.5 x 16	1.000 pcs.	-	box
	TER09-2299/B	Linear Joist Connector	-	130 pcs.	18.720 pcs.	pc.
	TER09-2299/C	"T" Joist Connector	-	130 pcs.	18.720 cf.	pc.
	TER09-2299/D	Overlap Mounting Joist Connector	-	200 pcs.	28.800 pcs.	pc.
	TER09-2299/E	Corner reinforcement	-	200 pcs.	28.800 pcs.	pc.

\* Cannot be used with ARKIMEDE 10

## INSULATION NOISE REDUCER

Code	Ref.	Product	mm	Pkg.	Pallet	UM
TER09-1144	01	Insulation Noise Reducer	200 x 200 - thick. 3	80 pcs.	6.720 pcs.	pc.
TER09-1144/P	01	Insulation Noise Reducer Plus	200 x 200 thick. 3	80 pcs.	9.600 pcs.	pc.
TER09-1144/T	02	Round Insulation Noise Reducer	ø 200 thick. 3	30 pcs.	10.800 pcs.	pc.

### DESCRIPTION

Sound absorbing rubber mat for ARKIMEDE range telescopic support. Thickness 3 mm.

### MATERIAL

Made of rubber (TPV).

### USE

Used to be positioned at the base of the ARKIMEDE range telescopic support to reduce footfall noise up to 12 dB.

01



02



## ANTI-NOISE RUBBER SHIM

Code	Product	mm	Pkg.	Pallet	UM
TER09-1147/G	Anti-noise rubber shim for ARKIMEDE 10	ø 157 mm - thick. 1 mm	120 pcs.	15.120 pcs.	pc.

### DESCRIPTION

Anti-noise rubber for ARKIMEDE line. It works with ARKIMEDE 10 only, **both paving and decking**. Diameter 157 mm, thickness 1 mm.

### MATERIAL

Made of thermoplastic rubber.

### USE

This product has to be placed on ARKIMEDE 10, both paving and decking. It reduces walkover noise.



## ADJUSTABLE SUPPORT FOR GROUND POST

Code	Ref.	Product	mm	Pkg.	Pallet	UM
TER09-1154	01	Adjustable support for ground post	from 25 to 115	30 pcs.	450 pcs.	box
TER09-1154F	02	Ground Post	91 x 91 x h.750	1 pc.	15 pcs.	pc.

### DESCRIPTION

Adjustable support for ground post for the installation of a raised floor on a non-stabilized ground. The kit is composed of an adapter for post, rotating ring and an h. 115 height screw with head for joist.

### MATERIAL

Made of recycled PP (polypropylene).

### USE

Support for ground post for the installation of a raised floor on a non-stabilized ground.

01



02



75 cm



## SELF-LEVELING HEAD FOR ARKIMEDE h. 14 mm

Code	Product	mm	Pkg.	Pallet	UM
TER09-1142TB1	Self-leveling - Head for decking	Ø 120 mm	15 pcs.	1.890 pcs.	pc.

### DESCRIPTION

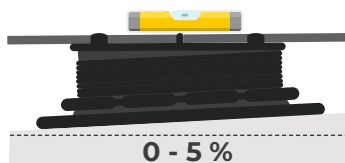
ARKIMEDE Self Leveling is an accessory for the ARKIMEDE support that connects with the ARKIMEDE support. It can be matched with all Paving Line. The installation on the head of the support can be made once the wings are removed. The installation of the self-leveling head increase the total height of the support of 14 mm. It guarantees a leveling on 0% to 5% slopes.

### MATERIAL

Made of recycled PP (polypropylene).

### USE

Used in external areas, terraces, pavements.



## UNIVERSAL JOIST HEAD FOR ARKIMEDE

Code	Product	mm	Pkg.	Pallet	UM
TER09-1142TPU	Universal joist head for Arkimede	Ø 122 x h.51	30 pcs.	1.350 pcs.	pc.

### DESCRIPTION

Universal decking head for Arkimede supports\*.

**It makes the Arkimede paving line\* suitable for decking solution.**

Steel, aluminium or wood joists of every sizes (maximum width 75mm) can be fixed. The pin can also be used to make "T" connections between joists.

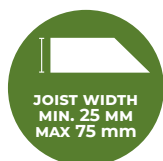
**The installation of the head increase the total height of the support of 12 mm.**

### MATERIAL

Made of recycled PP (polypropylene).

### USE

Laying external floating floors with the Arkimede support system



\*Arkimede 10 is not compatible

## RUBBER PAD FOR JOIST

Code	Product	mm	Pkg.	Pallet	UM
TER09-1148TA	Rubber pad for joist	90 x 90 - thick. 8 mm	96 pcs.	10.368 pcs.	pc.

### DESCRIPTION

Rubber pad for laying of the joists. Thickness 8 mm.

### MATERIAL

Pad made of thermo plastic rubber.

### USE

The Rubber Pad is it used to be positioned on the ground as a base for the laying of the joists during the installation of the understructure for the decking.



## PROTECTIVE JOIST TAPE

Code	Product	mm	Pkg.	Pallet	UM
TER09-1188	Protective joist tape	80 x 20.000 th. 2	16 pcs.	256 pcs.	pc.

### DESCRIPTION

Single-sided adhesive tape for fixing and protecting joist, before the installation of decking boards.

### MATERIAL

Made of stretch polyethylene.

### USE

Used to protect the joist and waterproof the overall structure.



## ACCESSORIES FOR DECKING- SPACER

Code	Product	mm	Pkg.	Pallet	UM
TER09-1159/4	Decking Spacer clip - 4 mm	4	200 pcs.	28.800 pcs.	pc.
TER09-1159/7	Decking Spacer clip - 7 mm	7	200 pcs.	28.800 pcs.	pc.

### DESCRIPTION

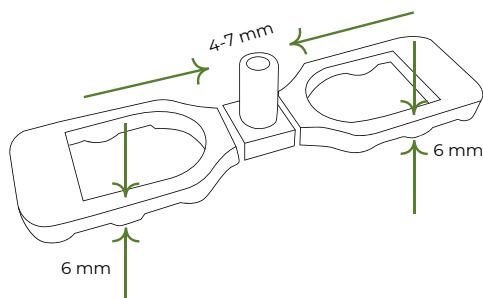
Decking Spacer for external decking for 4 and 7 mm joints.

### MATERIAL

Made of PP (Polypropylene).

### USE

The Decking Spacer guarantees a precise joint and an optimal management of the expansion of the decking boards. The spacer keeps a continuous ventilation between the substructure and the boards, in order to eliminate any accumulation of humidity.



## ADJUSTABLE JOIST SUPPORT

Code	Ref.	Product	height (mm)	Pkg.	Pallet	UM
TER09-1164	01	Adjustable joist support with rubber pad	from 14 to 50	30 pcs.	2.700 pcs.	pc.
TER09-1164/P20	02	Extension 20 mm	20	-	-	pc.

### DESCRIPTION

Support for a perfect solution where decking requires a minimal elevation height. Simple to install and adjust.

With wooden joists, it helps to prevent rot. It is an ideal solution for terraces, decks, balconies and open decking areas.

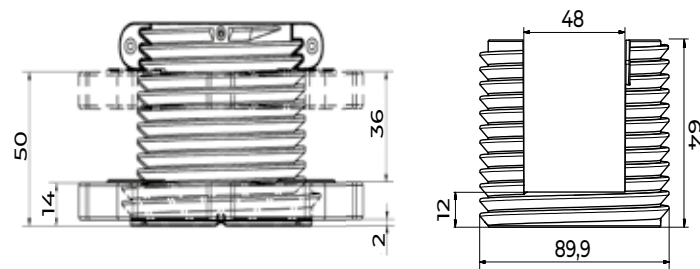
The slot dimensions for the joists are 48 x h. 52 mm.

### MATERIAL

Made of recycled PP (polypropylene).

### USE

Used to be positioned on the ground as a base for the laying of the joists during the installation of the understructure for the decking.



01



02



01



# MAGNELIS® COATED STEEL JOIST AND ADAPTER

Code	Ref.	Product	mm	Pkg.	Pallet	UM
TER09-1149ZM2	01	Magnelis® Coated Steel Joist	2.000	1 pc.	200 pcs.	pc.
TER09-1151	02	Adapter for Steel Joist	-	30 pcs.	3.780 pcs.	pc.
TER09-1151GR	03	Joist Connector	-	60 pcs.	7.560 pcs.	pc.
TER09-1149/B	04	Lateral wall spacer for Magnelis®	-	90 pcs.	144 box	pc.
TER09-1149/C	05	"T" connector for Magnelis®	-	120 pcs.	144 box	pc.
MIN01-5200P		Fixala - Black phosphate screw spike and adapter for screw	ø 3,5 x 25	1.000 pcs.	384.000 box	box

## PATENT PENDING

### DESCRIPTION

Magnelis® joist with plastic fixing insert and hooking accessory (bajonetta) for the ARKIMEDE support.

The use of the bajonetta accessory guarantees a perfect coupling with all **ARKIMEDE 18, 35, 41, 60 and 115 supports**.

The system is completed with accessories such as linear and "T" connectors, wall spacer and paving cross spacer for the equidistant laying of tiles for outdoor flooring.

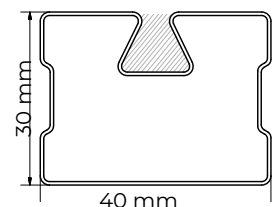
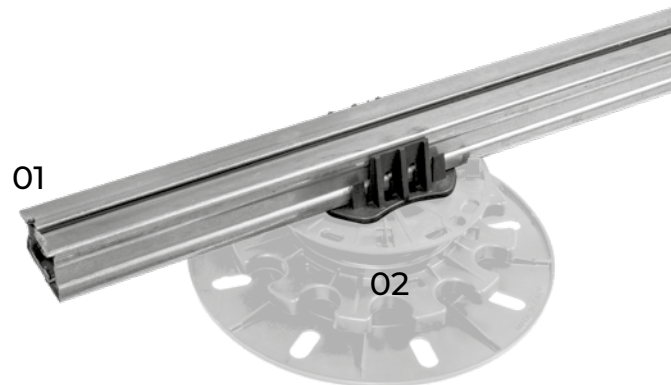
### MATERIAL

Insert and bajonetta are made of PP (polypropylene), joist made of Magnelis® Steel, Connectors and Cross made of PA.

### USE

The system is used for the creation of substructure for the laying decking of outdoors Paving or Decking with ARKIMEDE supports. The insertion of the "V" insert in the appropriate shape of the joist and its subsequent fixing, through self-drilling screws, guarantees perfect locking.

The recommended spacing of the ARKIMEDE supports on the Magnelis® joist is 50 cm.





# KERADECK® ALUMINUM JOIST AND ADAPTER

Codice	Rif	Prodotto	Misure (mm)	Conf.	Pallet	UM
TER09-2299	01	Keradeck® Aluminum Joist	2.000	1 pc.	200 pcs.	pc.
TER09-1151	02	Adapter for Joist	-	30 pcs.	3.780 pcs.	pc.
TER09-2299/B	03	Linear Joist Connector	-	130 pcs.	18.720 pcs.	pc.
TER09-2299/C	04	"T" Joist Connector	-	130 pcs.	18.720 box.	pc.
TER09-2299/D	05	Overlap Mounting Joist Connector	-	200 pcs.	28.800 pcs.	pc.
TER09-2299/E	06	Corner reinforcement*	-	200 pcs.	28.800 pcs.	pc.
LV090		Fixing screw for aluminum	ø 3.5 x 16	1.000 pcs.	-	box

**PATENT  
PENDING**

## DESCRIPTION

Keradeck® joist in aluminum for decking and paving. The peculiar structure of its surfaces allows on one side the application of clips for decking boards, on the other side, the laying of tiles for external raised floors.

The use of the adapter guarantees perfect fixing with **ARKIMEDE 35, 41, 60 and 115 supports**.

The connectors allow linear, T-shaped and overlapping junctions between several Keradeck® joists.

## MATERIAL

Adapter in PP (polypropylene), joist made of aluminum and accessories made of PA (polyamide)

## USE

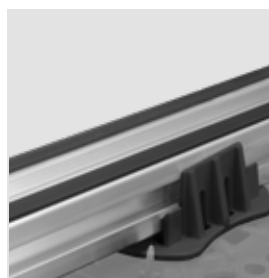
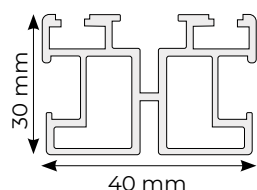
This product allows the making of a supporting structure for the laying of outdoor decking and paving. It is suggested to place the ARKIMEDE supports every 50 cm.



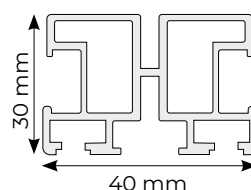
\*Bolts and screws not included



## PAVING SIDE



## DECKING SIDE







100% MADE  
IN DAKOTA

# 3D-Scopic.

the complete range.

The 3D-Scopic support has an adjustable height from min. 35 to max. 500 mm, depending on the model used.

**This support is available both with fixed head and with self-leveling head with variable inclination from 0 to 5%.**

The product is available for paving with a head equipped with 4 removable tabs (2 mm and 4 mm joints).

The decking installation requires the use of specific fins, available as accessories, for joists with a width from 40 to 80 mm.

The support is adjustable, in the range of excursion of each model, in a controlled manner with increments of 1.5 mm every 90 ° rotation (equal to 5 clicks).

3D-Scopic also allows height adjustment from above, thanks to the appropriate key.

**3D-Scopic also has high load values,  
up to over 5,000 kg for the 35 to 55 mm model!**

## #why3DScopic

### SELF-LEVELING!



### ADJUSTABLE FROM THE TOP!



### HIGH LOAD!



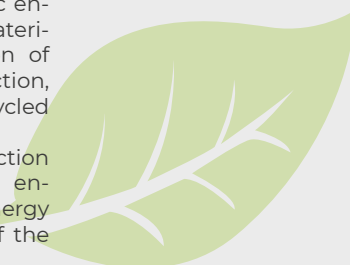
### PRODUCED WITH RECYCLED AND RECYCLABLE MATERIAL

These products testify to Dakota's commitment to greater eco-sustainability for an increasingly "green" future.

Dakota Group has been producing using self-produced photovoltaic energy and using recycled raw materials, both from the regeneration of waste plastic materials in production, and by using post-consumer recycled polymers.

Finally, the renewed electric injection machinery guarantees greater energy efficiency by decreasing energy consumption and the impact of the CO<sub>2</sub> produced.

#Our  
Green  
Way



“Ideal for creating floating floors that can be easily adjusted, even after the installation of the tiles”

Paving head

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Ring

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Locking Nut

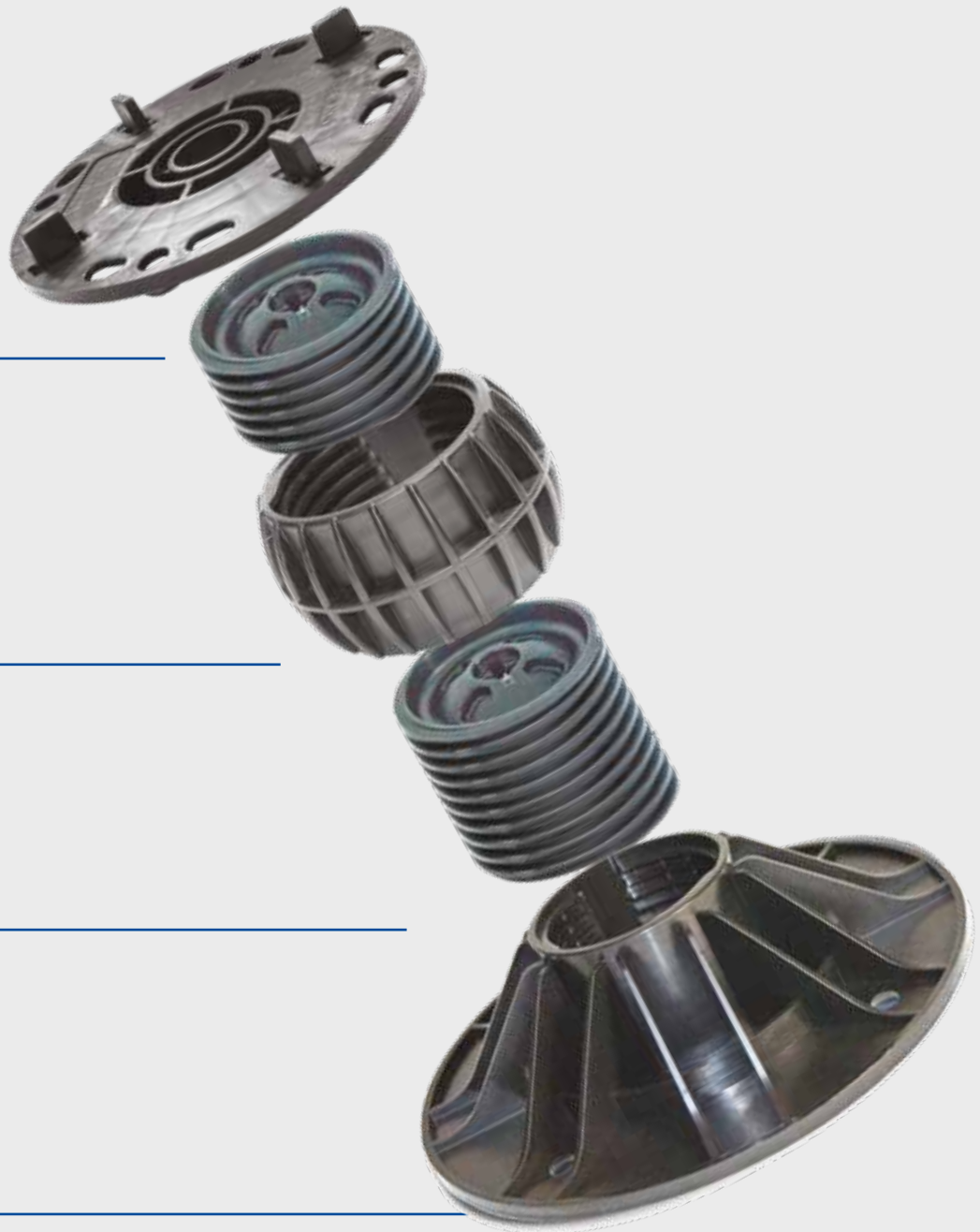
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Ring

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Base

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## 3D-SCOPIC SUPPORTS | SELF-LEVELING HEAD

Code	Product	mm	Pkg.	Pallet	UM
TER09-1123055N1	Self-leveling 3D-Scopic tile provided with 4 wings for 2 mm joint	from 35 to 55	40 pcs.	20 boxes	box
TER09-1123070N1	Self-leveling 3D-Scopic tile provided with 4 wings for 2 mm joint	from 55 to 70	40 pcs.	20 boxes	box
TER09-1123110N1	Self-leveling 3D-Scopic tile provided with 4 wings for 2 mm joint	from 70 to 110	40 pcs.	5 boxes	box
TER09-1123150N1	Self-leveling 3D-Scopic tile provided with 4 wings for 2 mm joint	from 110 to 150	40 pcs.	5 boxes	box
TER09-1123170N1	Self-leveling 3D-Scopic tile provided with 4 wings for 2 mm joint	from 150 to 170	40 pcs.	5 boxes	box
TER09-1123200N1	Self-leveling 3D-Scopic tile provided with 4 wings for 2 mm joint	from 170 to 200	40 pcs.	5 boxes	box
TER09-1123240N1	Self-leveling 3D-Scopic tile provided with 4 wings for 2 mm joint	from 205 to 240	35 pcs.	5 boxes	box
TER09-1123275N1	Self-leveling 3D-Scopic tile provided with 4 wings for 2 mm joint	from 240 to 275	30 pcs.	5 boxes	box
TER09-1123310N1	Self-leveling 3D-Scopic tile provided with 4 wings for 2 mm joint	from 275 to 310	20 pcs.	5 boxes	box
TER09-1123340N1	Self-leveling 3D-Scopic tile provided with 4 wings for 2 mm joint	from 310 to 340	20 pcs.	5 boxes	box
TER09-1123370N1	Self-leveling 3D-Scopic tile provided with 4 wings for 2 mm joint	from 340 to 370	20 pcs.	5 boxes	box
TER09-1123400N1	Self-leveling 3D-Scopic tile provided with 4 wings for 2 mm joint	from 370 to 400	20 pcs.	5 boxes	box
TER09-1123430N1	Self-leveling 3D-Scopic tile provided with 4 wings for 2 mm joint	from 400 to 430	20 pcs.	5 boxes	box
TER09-1123465N1	Self-leveling 3D-Scopic tile provided with 4 wings for 2 mm joint	from 430 to 465	20 pcs.	5 boxes	box
TER09-1123500N1	Self-leveling 3D-Scopic tile provided with 4 wings for 2 mm joint	from 465 to 500	15 pcs.	5 boxes	box

Code	Product	mm	Pkg.	Pallet	UM
TER09-1123P1	Fixed Head for Paving and 3D-Scopic - 2 mm	h. 10	20 pcs.	2520 pcs.	pc.

### DESCRIPTION

3D-scopic tiles support with adjustable height from min. 35 to max. 500 mm according to the model. Each box includes a self-leveling head equipped with 4 wings of 10 mm, to be used for slats of 2 or 4 mm. Terminal leveling variable inclination from 0 to 5%. Adjustment of the support of 1,5 mm for each rotation of 90° (equal to 5 shots).

Fin for decking is an adjustable in width wing for the placement of wooden joists or similar. 60 mm long, snap-fit on terminal for the 3D support. It allows to position elements from 40 mm to 80 mm width. Fin for decking is a patented product.

Head to DK's Tile is the head of connection between the 3D-Scopic support and Dakota's tile.

The locking Ring is an hand block for 3D-Scopic support.

Height 8 mm; diameter 75 mm.

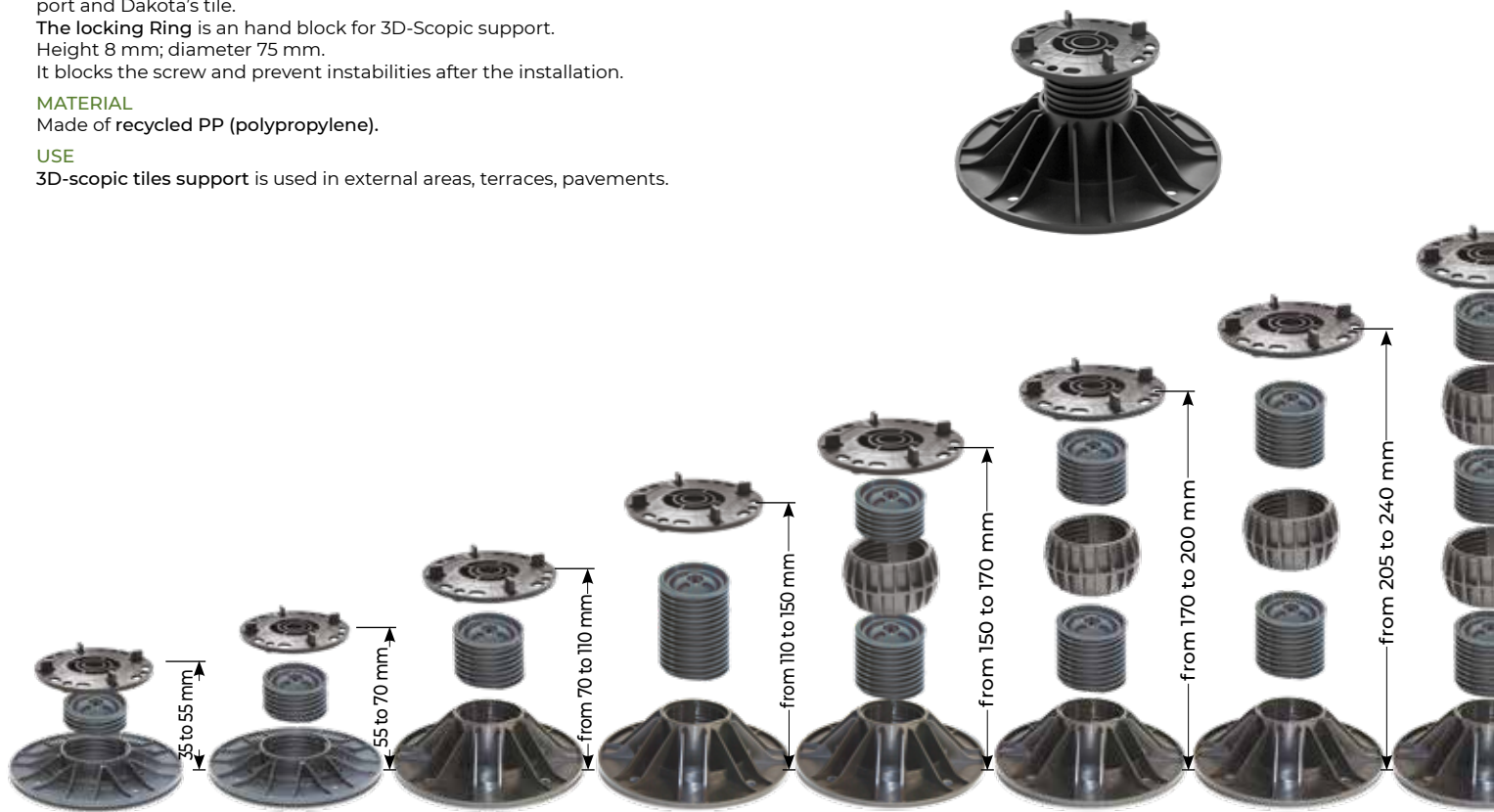
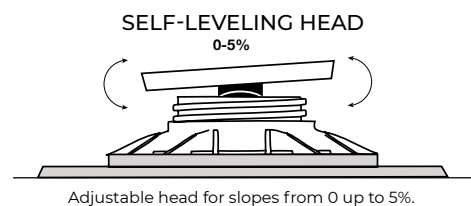
It blocks the screw and prevent instabilities after the installation.

### MATERIAL

Made of recycled PP (polypropylene).

### USE

3D-scopic tiles support is used in external areas, terraces, pavements.



## 3D-SCOPIC SUPPORTS | SELF-LEVELING HEAD

Code	Product	mm	Pkg.	Pallet	UM
TER09-1I23055N2	Self-leveling 3D-Scopic tile provided with 4 wings for 4 mm joint	from 35 to 55	40 pcs.	20 boxes	box
TER09-1I23070N2	Self-leveling 3D-Scopic tile provided with 4 wings for 4 mm joint	from 35 to 55	40 pcs.	20 boxes	box
TER09-1I23110N2	Self-leveling 3D-Scopic tile provided with 4 wings for 4 mm joint	from 35 to 55	40 pcs.	5 boxes	box
TER09-1I23150N2	Self-leveling 3D-Scopic tile provided with 4 wings for 4 mm joint	from 110 to 150	40 pcs.	5 boxes	box
TER09-1I23170N2	Self-leveling 3D-Scopic tile provided with 4 wings for 4 mm joint	from 150 to 170	40 pcs.	5 boxes	box
TER09-1I23200N2	Self-leveling 3D-Scopic tile provided with 4 wings for 4 mm joint	from 170 to 200	40 pcs.	5 boxes	box
TER09-1I23240N2	Self-leveling 3D-Scopic tile provided with 4 wings for 4 mm joint	from 205 to 240*	35 pcs.	5 boxes	box
TER09-1I23275N2	Self-leveling 3D-Scopic tile provided with 4 wings for 4 mm joint	from 240 to 275*	30 pcs.	5 boxes	box
TER09-1I23310N2	Self-leveling 3D-Scopic tile provided with 4 wings for 4 mm joint	from 275 to 310*	20 pcs.	5 boxes	box
TER09-1I23340N2	Self-leveling 3D-Scopic tile provided with 4 wings for 4 mm joint	from 310 to 340*	20 pcs.	5 boxes	box
TER09-1I23370N2	Self-leveling 3D-Scopic tile provided with 4 wings for 4 mm joint	from 340 to 370*	20 pcs.	5 boxes	box
TER09-1I23400N2	Self-leveling 3D-Scopic tile provided with 4 wings for 4 mm joint	from 370 to 400*	20 pcs.	5 boxes	box
TER09-1I23430N2	Self-leveling 3D-Scopic tile provided with 4 wings for 4 mm joint	from 400 to 430*	20 pcs.	5 boxes	box
TER09-1I23465N2	Self-leveling 3D-Scopic tile provided with 4 wings for 4 mm joint	from 430 to 465*	20 pcs.	5 boxes	box
TER09-1I23500N2	Self-leveling 3D-Scopic tile provided with 4 wings for 4 mm joint	from 465 to 500*	15 pcs.	5 boxes	box

\*upon request only

Code	Product	mm	Pkg.	Pallet	UM
TER09-1I23P2	Fixed Head for Paving and 3D-Scopic - 4 mm	h. 10	20 pc.	2520 pcs.	pc.



## UNIVERSAL CLIPS FOR LATERAL FINISHING

Code	Product	mm	Pkg.	Pallet	UM
TER09-1146/H20	Universal Head clip for vertical finishing - thick. 20mm	20	100 pcs.	5.000 pcs.	pc.
TER09-1146/H30	Universal Head clip for vertical finishing - thick. 30mm	30	100 pcs.	5.000 pcs.	pc.
TER09-1146/H40	Universal Head clip for vertical finishing - thick. 40mm	40	100 pcs.	5.000 pcs.	pc.
TER09-1146/B20	Universal Base clip for vertical finishing - thick. 20mm	20	100 pcs.	5.000 pcs.	pc.
TER09-1146/B30	Universal Base clip for vertical finishing - thick. 30mm	30	100 pcs.	5.000 pcs.	pc.
TER09-1146/B40	Universal Base clip for vertical finishing - thick. 40mm	40	100 pcs.	5.000 pcs.	pc.

### DESCRIPTION

Set of clips that allows, in the installation of floating floors, the finishing of the perimeter space in the absence of a lateral wall.

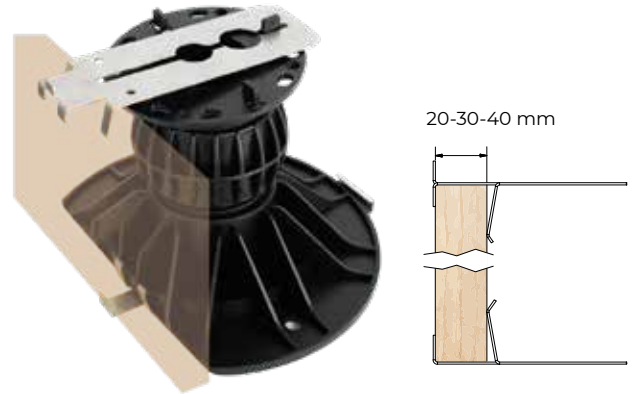
Specifically designed to be used with the Arkimede and Hercules support. The different items allows the use of ceramic with different thickness of 20, 30 and 40mm

### MATERIAL

Made of stainless steel.

### USE

Used for the perimeter finishing in the absence of a lateral wall, in the installation of raised floors with **Arkimede paving**, **Hercules paving**, **3D-Scopic** and **Level Up**.



## UNIVERSAL CLIPS FOR LATERAL LAYING

Code	Product	mm	Pkg.	Pallet	UM
TER09-1146/A	Universal clip for lateral laying	-	100 pcs.	7000 pcs.	pc.
TER09-1146/AP	Universal clip for lateral laying in PP	-	200 pcs.	28.800 pcs.	pc.

### DESCRIPTION

Universal clip for the perimeter laying of tiles for floating floors.

The clip avoids the contact between the tiles and the wall, thanks to its special shape that absorbs all possible movements and dilatations.

**Specifically designed to be used with these Dakota Supports:**

**ARKIMEDE, 3D-Scopic, Hercules and Level Up.**

### MATERIAL

Made of stainless steel or PP.



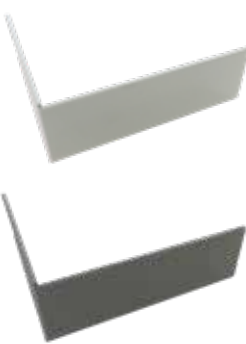

### USE

Used for laying of perimeter tiles with Dakota raised floor supports.





# ALUMINUM PROFILES FOR LATERAL FINISHING

Code	Product	Color		mm	Pkg.	UM
TER09-3700	Base for side finishing support in natural aluminium	-		80 x 2.700 x 20	10 pcs.	pcs.
TER09-3701GC	Side trim panel	Ash Grey		60 x 2.700	10 pcs.	pcs.
TER09-3701GA	Side trim panel	Grey Antique		60 x 2.700	10 pcs.	pcs.
TER09-3702GC	Side trim panel	Ash Grey		80 x 2.700	10 pcs.	pcs.
TER09-3702GA	Side trim panel	Grey Antique		80 x 2.700	10 pcs.	pcs.
TER09-3703GC	Side trim panel	Ash Grey		100 x 2.700	10 pcs.	pcs.
TER09-3703GA	Side trim panel	Grey Antique		100 x 2.700	10 pcs.	pcs.
TER09-3704GC	External angle 90° for side finish	Ash Grey		60 x 200	5 pcs.	pcs.
TER09-3704GA	External angle 90° for side finish	Grey Antique		60 x 200	5 pcs.	pcs.
TER09-3705GC	External angle 90° for side finish	Ash Grey		80 x 200	5 pcs.	pcs.
TER09-3705GA	External angle 90° for side finish	Grey Antique		80 x 200	5 pcs.	pcs.
TER09-3706GC	External angle 90° for side finish	Ash Grey		100 x 200	5 pcs.	pcs.
TER09-3706GA	External angle 90° for side finish	Grey Antique		100 x 200	5 pcs.	pcs.
TER09-3707GC	Junction for side trim panel	Ash Grey		60 x 70	5 pcs.	pcs.
TER09-3707GA	Junction for side trim panel	Grey Antique		60 x 70	5 pcs.	pcs.
TER09-3708GC	Junction for side trim panel	Ash Grey		80 x 70	5 pcs.	pcs.
TER09-3708GA	Junction for side trim panel	Grey Antique		80 x 70	5 pcs.	pcs.
TER09-3709GC	Junction for side trim panel	Ash Grey		100 x 70	5 pcs.	pcs.
TER09-3709GA	Junction for side trim panel	Grey Antique		100 x 70	5 pcs.	pcs.

## DESCRIPTION

Aluminium elements for lateral finishing of raised floors.

They consist of:

- A pre-drilled base to be screw-anchored to the raised paving supports;
- A perimeter profile in aluminium in 3 heights and to be chosen according to the elevation of the pavement in relation to the support plane of the supports;
- One junction element in 3 heights
- An 90° outer corner in 3 heights.

## MATERIAL

Base for support: natural Aluminium. Profile, joint and angular in painted Aluminium.

## USE

Finish and protect the outer edges of raised floors, terraces or balconies.



## ADJUSTMENT KEY

Code	Product	mm	Pkg.	Pallet	UM
TER09-1183CHI	Adjustment key	-	1 pc.	-	pc.

### DESCRIPTION

Adjustment key for Hercules and 3D-Scopic supports. It allows a millimetric rotation of the screw of the support in order to have a perfectly leveled surface. The key has to be used from above even with the paving already laid.

### MATERIAL

Made of steel

### USE

Used to adjust the height of Hercules and 3D-Scopic supports.



## FIN FOR DECKING

Code	Product	mm	Pkg.	Pallet	UM
TER09-1123M	Fin for wood	60 mm	80 pcs.	80.000 pcs.	pc.

### DESCRIPTION

Adjustable-width wing for positioning of wooden slats or similar. Length of 60 mm, snap-fit on terminal of 3D support. It allows to position elements of a width from 40 to 80 mm.

### MATERIAL

Made of PP (polypropylene).

### USE

For installation of wooden slats or similar.



## LOCKING RING

Code	Product	mm	Pkg.	Pallet	UM
TER09-1123FLA	Locking ring for 3D-Scopic support	h. 8 -ø 75	250 pcs.	7.500 pcs.	pc.

### DESCRIPTION

Hand block for 3D-Scopic support. Height 8 mm; diameter 75 mm. Use to block the screw and prevent movement after installation.

### MATERIAL

Made of recycled PP (polypropylene).

### USE

For permanent locking of the 3D-Scopic support.



## ANTI-NOISE RUBBER SHIM

Code	Product	mm	Pkg.	Pallet	UM
TER09-1123R	Anti-noise rubber shim for paving	ø 110 mm - thick. 3 mm	600 pcs.	5.400 pcs.	pc.

### DESCRIPTION

Anti-noise rubber  
Diameter 110 mm, thickness 3 mm.  
Not available for ARKIMEDE 10.

### MATERIAL

Made of rubber (EPDM).

### USE

This product has to be placed on both the 3D-Scopic and ARKIMEDE Support heads for paving only (except for ARKIMEDE 10). It reduces walkover noise.



## INSULATION NOISE REDUCER

Code	Ref.	Product	mm	Pkg.	Pallet	UM
TER09-1144	01	Insulation Noise Reducer	200 x 200 - thick. 3	80 pcs.	6.720 pcs.	pc.
TER09 -1144/P	01	Insulation Noise Reducer Plus	200 x 200 thick. 3	80 pcs.	9.600 pcs.	pc.
TER09-1144/T	02	Round Insulation Noise Reducer	ø 200 thick. 3	30 pcs.	10.800 pcs.	pc.

### DESCRIPTION

Sound absorbing rubber mat for ARKIMEDE range telescopic support.  
Thickness 3 mm.

### MATERIAL

Made of rubber (TPV).

### USE

Used to be positioned at the base of the ARKIMEDE range telescopic support to reduce footfall noise up to 12 dB.

01



02





100% MADE  
IN DAKOTA

# Hercules.

the complete range.

**HERCULES is the new line of adjustable supports** that allows the installation of raised floors with adjustable height **from min. 25 mm to over 1 meter**, thanks to its extension (can only be combined with the 150-270 mm model).

Hercules meets all the needs of an increasingly evolving market, with the request of sophisticated and complete products.

Hercules is available both with fixed head and with self-leveling head, up to a 5% slope.

Furthermore, thanks to its reinforced structure, Hercules guarantees to support loads up to 3,000 kg.

The height of Hercules support can be adjust from the top even with tiles already laid but keeps the adjustments by hand during the installation phase.

## Main Advantages:

- **Maximum load capacity up to 3,000 kg**
- **Integrated anti-noise rubber**
- **For Paving and Decking**
- **Self-Leveling for slopes up to 5%**

Each package contains the complete support with base, screw and head. The head is equipped with integrated anti-noise rubber.

**Hercules is also complete with stainless steel clips for a perfect perimeter finish in the absence of a side containment wall.**

## #whyHercules

### MAXIMUM LOAD!



### ADJUSTABLE FROM THE TOP!



### PRODUCED WITH RECYCLED AND RECYCLABLE MATERIAL

These products testify to Dakota's commitment to greater eco-sustainability for an increasingly "green" future.

Dakota Group has been producing using self-produced photovoltaic energy and using recycled raw materials, both from the regeneration of waste plastic materials in production, and by using post-consumer recycled polymers.

Finally, the renewed electric injection machinery guarantees greater energy efficiency by decreasing energy consumption and the impact of the CO<sub>2</sub> produced.

#Our  
Green  
Way



watch the video!

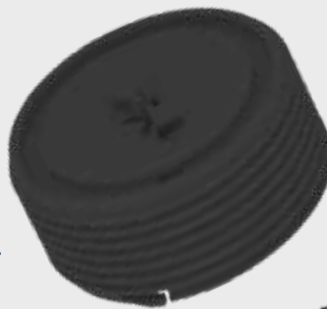


"The perfect support for reaching high heights and loads, also adjusting it from the top"

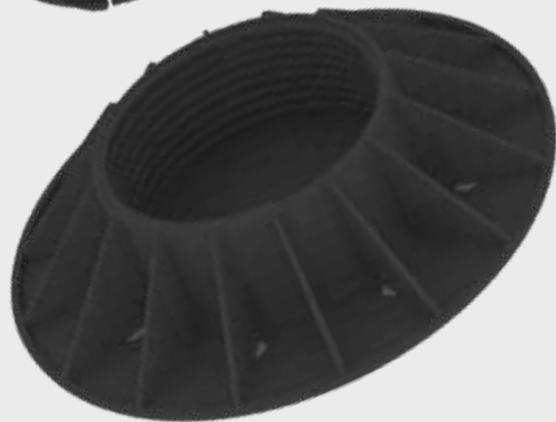
**Head with integrated anti-noise rubber,**  
for paving & decking



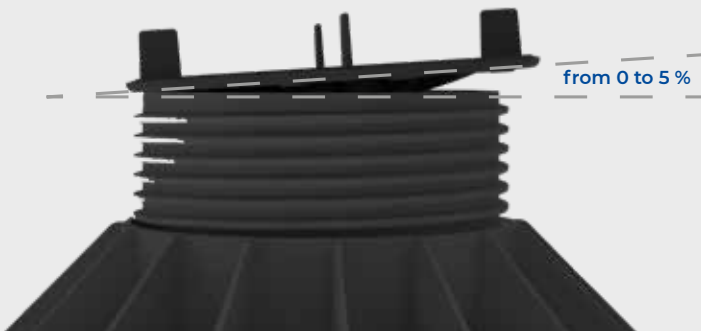
**Screw**



**Base** with grooves for the outflow of water  
and pre-cuts for side installation



from 0 to 5 %







# #WhyHercules

MAXIMUM  
LOAD!

ADJUSTABLE  
FROM THE TOP!



# HERCULES - ADJUSTABLE SUPPORT PAVING

## FIXED HEAD starting from 25 mm

Code	Product	mm	Pkg.	Pallet	UM
TER09-1183/4F25	Fixed Head Hercules for 4 mm joint	from 25 to 37	30 pcs.	720 pcs.	pc.
TER09-1183/4F37	Fixed Head Hercules for 4 mm joint	from 37 to 60	30 pcs.	480 pcs.	pc.
TER09-1183/4F60	Fixed Head Hercules for 4 mm joint	from 60 to 94	25 pcs.	300 pcs.	pc.
TER09-1183/4F94	Fixed Head Hercules for 4 mm joint	from 94 to 150	20 pcs.	160 pcs.	pc.
TER09-1183/4F150	Fixed Head Hercules for 4 mm joint	from 150 to 270	15 pcs.	120 pcs.	pc.
TER09-1183/P120	Extension only for Hercules	-	30 pcs.	240 pcs.	pc.
TER09-1183CHI	Adjustment key	-	1 pc.	-	pc.

### DESCRIPTION

Hercules adjustable support for outdoor flooring, with adjustable height from min. 25 to max. 390 mm (depending on the model used).

Each pack contains the complete disassembled support with base, screw and fixed head for paving with 4 removable wings for 4 mm joints.

The head is equipped with integrated anti-noise rubber. Only the model from h. 150 to 270 mm can be extended by applying the specific extension h. 120 mm (TER09-1183 / P120). The finalization of the adjustment of the support takes place with the floor installed using the appropriate key.

### MATERIAL

Made of recycled PP (polypropylene).

### USE

Used in external areas, terraces, pavements.



from 25 to 37



from 37 to 60



from 60 to 94



from 94 to 150



from 150 to 270

# HERCULES - ADJUSTABLE SUPPORT PAVING | SELF-LEVELING

starting from 25 mm

Code	Product	mm	Pkg.	Pallet	UM
TER09-1183/4L25	Self-Leveling Head Hercules for 4 mm joint	from 25 to 37	30 pcs.	720 pcs.	pc.
TER09-1183/4L37	Self-Leveling Head Hercules for 4 mm joint	from 37 to 60	30 pcs.	480 pcs.	pc.
TER09-1183/4L60	Self-Leveling Head Hercules for 4 mm joint	from 60 to 94	25 pcs.	300 pcs.	pc.
TER09-1183/4L94	Self-Leveling Head Hercules for 4 mm joint	from 94 to 150	20 pcs.	160 pcs.	pc.
TER09-1183/4L150	Self-Leveling Head Hercules for 4 mm joint	from 150 to 270	15 pcs.	120 pcs.	pc.
TER09-1183/P120	Extension only for Hercules	-	30 pcs.	1.200 pcs.	pc.
TER09-1183CHI	Adjustment key	-	1 pc.	-	pc.

## DESCRIPTION

Hercules adjustable support for outdoor flooring, with adjustable height from min. 25 to max. 390 mm (depending on the model used).

Each pack contains the complete disassembled support with base, screw and self-levelling head (till 5%) for paving with 4 removable wings for 4 mm joints.

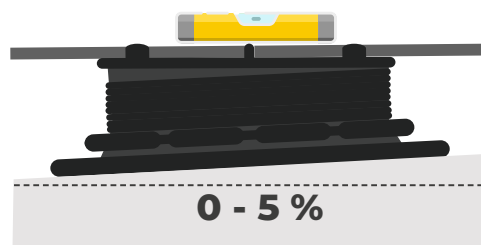
The head is equipped with integrated anti-noise rubber. Only the model from h. 150 to 270 mm can be extended by applying the specific extension h. 120 mm (TER09-1183 / P120). The finalization of the adjustment of the support takes place with the floor installed using the appropriate key.

## MATERIAL

Made of recycled PP (polypropylene).

## USE

Used in external areas, terraces, pavements.



from 25 to 37



from 37 to 60



from 60 to 94



from 94 to 150



from 150 to 270

# HERCULES - ADJUSTABLE SUPPORT DECKING

## FIXED HEAD starting from 25 mm

Code	Product	mm	Pkg.	Pallet	UM
TER09-1183/1F25	Fixed Head Hercules for decking	from 25 to 37	30 pcs.	720 pcs.	pc.
TER09-1183/1F37	Fixed Head Hercules for decking	from 37 to 60	30 pcs.	480 pcs.	pc.
TER09-1183/1F60	Fixed Head Hercules for decking	from 60 to 94	25 pcs.	300 pcs.	pc.
TER09-1183/1F94	Fixed Head Hercules for decking	from 94 to 150	20 pcs.	160 pcs.	pc.
TER09-1183/1F150	Fixed Head Hercules for decking	from 150 to 270	15 pcs.	120 pcs.	pc.
TER09-1183/P120	Extension only for Hercules 150 - 270	h. 120	30 pcs.	1.200 pcs.	pc.
TER09-1183CHI	Adjustment key	-	1 pc.	-	pc.

### DESCRIPTION

Hercules adjustable support for outdoor flooring, with adjustable height from min. 25 to max. 390 mm (depending on the model used). Each pack contains the complete disassembled support with base, screw and fixed head for decking for fixing the joist.

The head of the holder is equipped with integrated anti-noise rubber. Only the model from h. 150 to 270 mm can be extended by applying the specific extension h. 120 mm (TER09-1183 / P120).

The finalization of the adjustment of the support takes place with the floor installed using the appropriate key.

### MATERIAL

Made of PP (polypropylene).

### USE

Used in external areas, terraces, pavements.





# HERCULES - ADJUSTABLE SUPPORT DECKING | SELF-LEVELING

starting from 25 mm

Code	Product	mm	Pkg.	Pallet	UM
TER09-1183/1L25	Self-Leveling Head Hercules for decking	from 25 to 37	30 pcs.	720 pcs.	pc.
TER09-1183/1L37	Self-Leveling Head Hercules for decking	from 37 to 60	30 pcs.	480 pcs.	pc.
TER09-1183/1L60	Self-Leveling Head Hercules for decking	from 60 to 94	25 pcs.	300 pcs.	pc.
TER09-1183/1L94	Self-Leveling Head Hercules for decking	from 94 to 150	20 pcs.	160 pcs.	pc.
TER09-1183/1L150	Self-Leveling Head Hercules for decking	from 150 to 270	15 pcs.	120 pcs.	pc.
TER09-1183/P120	Extension only for Hercules 150 - 270	h. 120	30 pcs.	1.200 pcs.	pc.
TER09-1183CHI	Adjustment key	-	1 pc.	-	pc.

## DESCRIPTION

Hercules adjustable support for outdoor flooring, with adjustable height from min. 25 to max. 390 mm (depending on the model used).

Each pack contains the complete disassembled support with base, screw and self-levelling head (till 5%) for decking for fixing the joist.

The head of the holder is equipped with integrated anti-noise rubber.

Only the model from h. 150 to 270 mm can be extended by applying the specific extension h. 120 mm (TER09-1183 / P120).

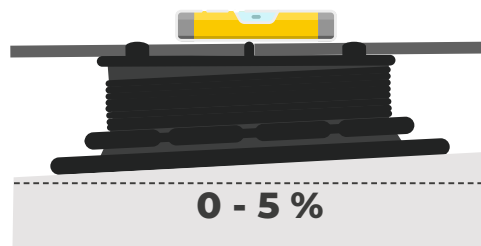
The finalization of the adjustment of the support takes place with the floor installed using the appropriate key.

## MATERIAL

Made of PP (polypropylene).

## USE

Used in external areas, terraces, pavements.



120 mm



## UNIVERSAL CLIPS FOR LATERAL FINISHING

Code	Product	mm	Pkg.	Pallet	UM
TER09-1146/H20	Universal Head clip for vertical finishing - thick. 20mm	20	100 pcs.	5.000 pcs.	pc.
TER09-1146/H30	Universal Head clip for vertical finishing - thick. 30mm	30	100 pcs.	5.000 pcs.	pc.
TER09-1146/H40	Universal Head clip for vertical finishing - thick. 40mm	40	100 pcs.	5.000 pcs.	pc.
TER09-1146/B20	Universal Base clip for vertical finishing - thick. 20mm	20	100 pcs.	5.000 pcs.	pc.
TER09-1146/B30	Universal Base clip for vertical finishing - thick. 30mm	30	100 pcs.	5.000 pcs.	pc.
TER09-1146/B40	Universal Base clip for vertical finishing - thick. 40mm	40	100 pcs.	5.000 pcs.	pc.

### DESCRIPTION

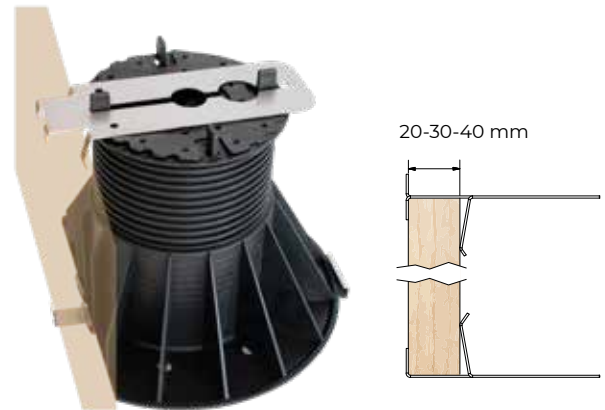
Set of clips that allows, in the installation of floating floors, the finishing of the perimeter space in the absence of a lateral wall. Specifically designed to be used with the Arkimede and Hercules support. The different items allows the use of ceramic with different thickness of 20, 30 and 40mm.

### MATERIAL

Made of stainless steel.

### USE

Used for the perimeter finishing in the absence of a lateral wall, in the installation of raised floors with **Arkimede paving**, **Hercules paving**, **3D-Scopic** and **Level Up**.



## UNIVERSAL CLIPS FOR LATERAL LAYING

Code	Product	mm	Pkg.	Pallet	UM
TER09-1146/A	Universal clip for lateral laying	-	100 pcs.	7.000 pcs.	pc.
TER09-1146/AP	Universal clip for lateral laying in PP	-	200 pcs.	28.000 pcs.	pc.

### DESCRIPTION

Universal clip for the perimeter laying of tiles for floating floors. The clip avoids the contact between the tiles and the wall, thanks to its special shape that absorbs all possible movements and dilatations.

**Specifically designed to be used with these Dakota Supports:**  
**ARKIMEDE, 3D-Scopic, Hercules and Level Up.**

### MATERIAL



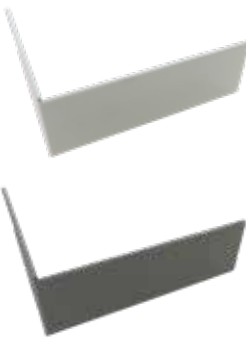

Made of stainless steel or PP.

### USE

Used for laying of perimeter tiles with Dakota raised floor supports.



# ALUMINUM PROFILES FOR LATERAL FINISHING

Code	Product	Color		mm	Pkg.	UM
TER09-3700	Base for side finishing support in natural aluminium	-		80 x 2.700 x 20	10 pcs.	pcs.
TER09-3701GC	Side trim panel	Ash Grey		60 x 2.700	10 pcs.	pcs.
TER09-3701GA	Side trim panel	Grey Antique		60 x 2.700	10 pcs.	pcs.
TER09-3702GC	Side trim panel	Ash Grey		80 x 2.700	10 pcs.	pcs.
TER09-3702GA	Side trim panel	Grey Antique		80 x 2.700	10 pcs.	pcs.
TER09-3703GC	Side trim panel	Ash Grey		100 x 2.700	10 pcs.	pcs.
TER09-3703GA	Side trim panel	Grey Antique		100 x 2.700	10 pcs.	pcs.
TER09-3704GC	External angle 90° for side finish	Ash Grey		60 x 200	5 pcs.	pcs.
TER09-3704GA	External angle 90° for side finish	Grey Antique		60 x 200	5 pcs.	pcs.
TER09-3705GC	External angle 90° for side finish	Ash Grey		80 x 200	5 pcs.	pcs.
TER09-3705GA	External angle 90° for side finish	Grey Antique		80 x 200	5 pcs.	pcs.
TER09-3706GC	External angle 90° for side finish	Ash Grey		100 x 200	5 pcs.	pcs.
TER09-3706GA	External angle 90° for side finish	Grey Antique		100 x 200	5 pcs.	pcs.
TER09-3707GC	Junction for side trim panel	Ash Grey		60 x 70	5 pcs.	pcs.
TER09-3707GA	Junction for side trim panel	Grey Antique		60 x 70	5 pcs.	pcs.
TER09-3708GC	Junction for side trim panel	Ash Grey		80 x 70	5 pcs.	pcs.
TER09-3708GA	Junction for side trim panel	Grey Antique		80 x 70	5 pcs.	pcs.
TER09-3709GC	Junction for side trim panel	Ash Grey		100 x 70	5 pcs.	pcs.
TER09-3709GA	Junction for side trim panel	Grey Antique		100 x 70	5 pcs.	pcs.

## DESCRIPTION

Aluminium elements for lateral finishing of raised floors.

They consist of:

- A pre-drilled base to be screw-anchored to the raised paving supports;
- A perimeter profile in aluminium in 3 heights and to be chosen according to the elevation of the pavement in relation to the support plane of the supports;
- One junction element in 3 heights
- An 90° outer corner in 3 heights.

## MATERIAL

Base for support: natural Aluminium. Profile, joint and angular in painted Aluminium.

## USE

Finish and protect the outer edges of raised floors, terraces or balconies.





100% MADE  
IN DAKOTA

# Level-Up.

the anti-falling solution.

**Level Up is the ultimate solution for your raised external floor. It is very quick to install and it guarantees a safety and stable surface.**

Level-Up is the system patented by Dakota that **allows the creation of a load-bearing structure**, 100% Made in Italy, that allows the creation of a load-bearing structure, adjustable in height thanks to its supports (minimum 48 mm), where lay multi format tiles for external use. The structure is made of a specific material and it is reinforced by steel profiles. Level up guarantees high safety standards even in case of breakage.

It is easy to assemble, versatile and functional. Level-Up is a practical and safe solution in the presence of raised floors, that

requires removal in case of inspections and/or for maintenance interventions.

Thanks to this system, it is possible to change easily the tiles on the floor (changing their dimension also) and the elements underneath (pipes, cables, ext.) at any time, supporting the evolution of spaces, without compromising their functionality.

The structure, produced with a specific material Made in Dakota and reinforced thanks to the steel profiles, **guarantees excellent safety even in the event of breakage of the finishing tiles.**

## #whyLevelUp

### ANTI-FALLING!



Level-Up guarantees maximum safety of the flooring even in the event of the tile breakage, thanks to its supporting substructure.

### PATENTED



Level-Up is the system patented by Dakota, which guarantees the rapid and modular installation of a substructure for paving.

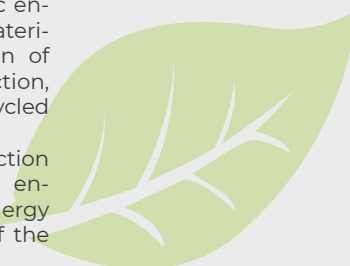
### PRODUCED WITH RECYCLED AND RECYCLABLE MATERIAL

These products testify to Dakota's commitment to greater eco-sustainability for an increasingly "green" future.

Dakota Group has been producing using self-produced photovoltaic energy and using recycled raw materials, both from the regeneration of waste plastic materials in production, and by using post-consumer recycled polymers.

Finally, the renewed electric injection machinery guarantees greater energy efficiency by decreasing energy consumption and the impact of the CO<sub>2</sub> produced.

#Our  
Green  
Way

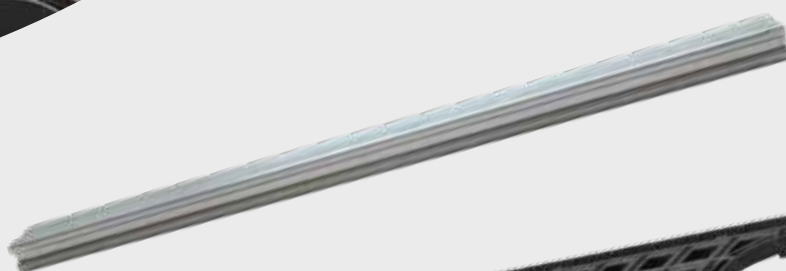


watch the video!

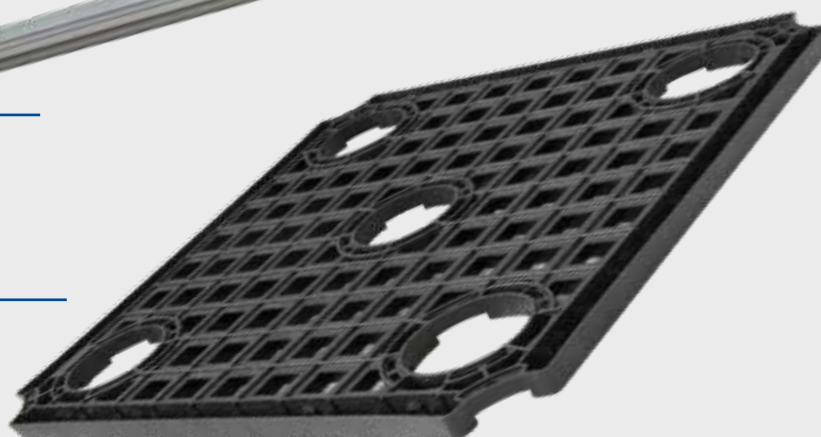


“Level-Up  
the anti-falling  
raised floor”

reinforcement profile



laying module



fixing head



adjustment screw



support base







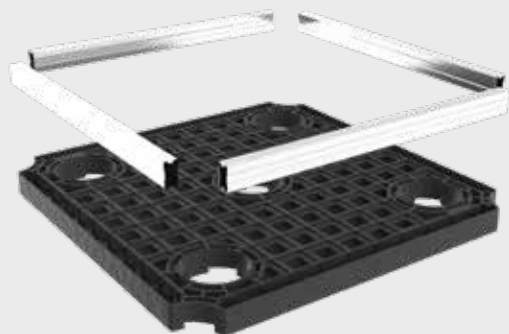
# For any type of tile!

## multi-size.



! For each tile size, it is always recommended to use the central support in the Level Up laying module

## guide to use.



SIZES	NUMBER OF REINFORCEMENT ROFILE
	<b>2 reinforcement profile (laid in alternate paris)</b> 
	<b>4 reinforcement profile (complete laying)</b> 

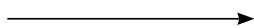
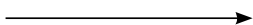
## consumption table.

incidence every 5,4 m<sup>2</sup>

	5,4 m <sup>2</sup>	10,8 m <sup>2</sup>	16,2 m <sup>2</sup>	21,6 m <sup>2</sup>	27,0 m <sup>2</sup>	32,4 m <sup>2</sup>	37,8 m <sup>2</sup>	43,2 m <sup>2</sup>	48,6 m <sup>2</sup>
<b>TER09-1125</b> 	15 pcs.	30 pcs.	45 pcs.	60 pcs.	75 pcs.	90 pcs.	105 pcs.	120 pcs.	135 pcs.
<b>TER09-1313</b> 	60 pcs.	120 pcs.	180 pcs.	240 pcs.	300 pcs.	360 pcs.	420 pcs.	480 pcs.	540 pcs.
<b>TER09-1124</b> 	1 boxes	2 boxes	3 boxes	4 boxes	5 boxes	6 boxes	7 boxes	8 boxes	9 boxes

# LEVEL-UP | COMPONENTS

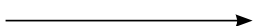
LAYING RUBBER

REINFORCEMENT  
PROFILE

LAYING MODULE



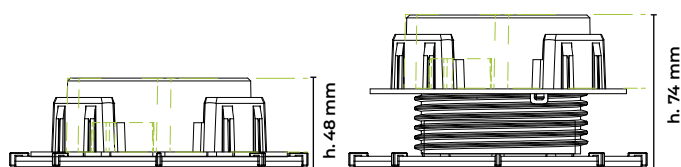
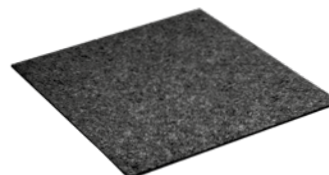
FIXING SUPPORT



ADJUSTMENT SCREW










EXTENSION  
**h. 25 mm**EXTENSION  
**h. 50 mm**

BASE

INSULATION NOISE  
REDUCER

MINIMUM AND MAXIMUM HEIGHT WITHOUT  
EXTENSIONS

# LEVEL-UP

Code	Product		mm	Pkg.	Pallet	UM
TER09-1125	Laying Module		600 x 600 x h. 38	15 pcs.	60 pcs.	pc.
POZ95-1313	Reinforcement Profile		34 x 482 x h. 19	30 pcs.	2.820 pcs.	pc.
TER09-1124	38 pcs. adjustable support for Level Up + 33 pcs Laying Rubber (TER09-1131)		from 48 to 74	1 cf.	15 boxes	box
TER09-1130	Extension h. 25		h. 25	38 pcs.	2.128 pcs.	pc.
TER09-1129	Extension h. 50		h. 50	38 pcs.	1.064 pcs.	pc.
TER09-1119	Hexagonal Adjustment pipe wrench for Level Up - hexagon size 20 mm		20	5pcs	-	pc
TER09-1144	Insulation Noise Reducer		200 x 200 thick. 3	80 pcs.	6.720 pcs.	pc.
TER09-1144/P	Insulation Noise Reducer Plus		200 x 200 thick. 3	80 pcs.	9.600 pcs.	pc.
TER09-1144/T	Round Insulation Noise Reducer		ø 200 thick. 3	30 pcs.	10.800 pcs.	pc.

## DESCRIPTION

Level Up is the ultimate solution for your raised external floor. It is very quick to install and it guarantees a safety and stable surface.

TER09-1124: Kit consists of 38pcs of adjustable feet for Level-Up and 33 anti-noise rubber levelers (TER09-1131). The package allows the installation of 5,4m<sup>2</sup> of Level-Up.

The kit, without the use of extensions, provides an adjustment of the Level-Up system from a minimum of 48 to a maximum of 74mm.

TER09-1129: Extension h.50mm for Level-Up to be combined, if needed, with TER09-1124 kit.

TER09-1130: Extension h.25 mm for Level-Up to be combined, if necessary, with kit TER09-1124.

## MATERIAL

The laying module is made of High Performance Plastic Material (HDPE) compound.

The reinforcement profile is made of galvanized steel.

Kits and extensions made of PP (polypropylene).

## USE

Level-Up is the Dakota patented system that allows the creation of a supporting structure, adjustable in height thanks to its supports (minimum 48 mm), where to lay multifformat tiles for outdoor use. The structure is made of a specific material and is reinforced by steel profiles. The upper level also guarantees high safety standards in case of breakage.

## Supply conditions:

Level-Up is a product that provides for the supply by set for the coverage of minimum 5,4 m<sup>2</sup> and multiples.





The codes that make up the basic set are:

- TER09-1125
- POZ95-1313
- TER09-1124

Extension and insulation rubber are accessories.



# LEVEL-UP - LATERAL FINISHING

Code	Product		mm	Pkg.	Pallet	UM
TER09-1146/B20	Base clip for lateral finishing 20 mm		20	100 pcs.	5.000 pcs.	pc.
TER09-1146/B30	Base clip for lateral finishing 30 mm		30	100 pcs.	5.000 pcs.	pc.
TER09-1146/B40	Base clip for lateral finishing 40 mm		40	100 pcs.	5.000 pcs.	pc.
TER09-1146/H20	Head clip for lateral finishing 20 mm		20	100 pcs.	5.000 pcs.	pc.
TER09-1146/H30	Head clip for lateral finishing 30 mm		30	100 pcs.	5.000 pcs.	pc.
TER09-1146/H40	Head clip for lateral finishing 40 mm		40	100 pcs.	5.000 pcs.	pc.
TER09-1146/A	Universal clip for lateral laying		-	100 pcs.	7.000 pcs.	pc.
TER09-1146/AP	Universal clip for lateral laying in PP		-	200 pcs.	28.800 pcs.	pc.

## DESCRIPTION

Set of clips that allows, in the installation of floating floors, the finishing of the perimeter space in the absence of a lateral wall. Specifically designed to be used with the Arkimede and Hercules support. The different items allows the use of ceramic with different thickness of 20, 30 and 40mm.

Universal clip for the perimeter laying of tiles for floating floors. The clip avoids the contact between the tiles and the wall, thanks to its special shape that absorbs all possible movements and dilatations.

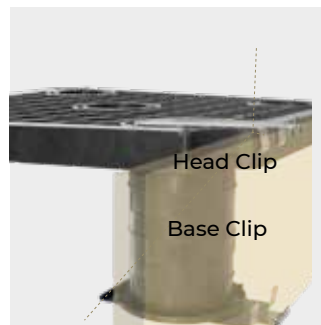
**Specifically designed to be used with these Dakota Supports:**  
Arkimede, 3D-Scopic, Hercules and Level Up.

## MATERIAL

Lateral finishing clips made of stainless steel, universal clips made of stainless steel or in PP.



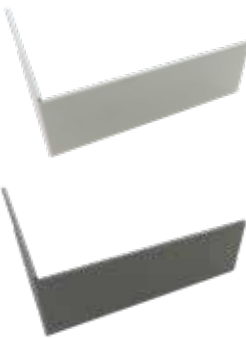

## USE

Used for laying of perimeter tiles with Dakota raised floor supports.





# ALUMINUM PROFILES FOR LATERAL FINISHING

Code	Product	Color		mm	Pkg.	UM
TER09-3700	Base for side finishing support in natural aluminium	-		80 x 2.700 x 20	10 pcs.	pcs.
TER09-3701GC	Side trim panel	Ash Grey		60 x 2.700	10 pcs.	pcs.
TER09-3701GA	Side trim panel	Grey Antique		60 x 2.700	10 pcs.	pcs.
TER09-3702GC	Side trim panel	Ash Grey		80 x 2.700	10 pcs.	pcs.
TER09-3702GA	Side trim panel	Grey Antique		80 x 2.700	10 pcs.	pcs.
TER09-3703GC	Side trim panel	Ash Grey		100 x 2.700	10 pcs.	pcs.
TER09-3703GA	Side trim panel	Grey Antique		100 x 2.700	10 pcs.	pcs.
TER09-3704GC	External angle 90° for side finish	Ash Grey		60 x 200	5 pcs.	pcs.
TER09-3704GA	External angle 90° for side finish	Grey Antique		60 x 200	5 pcs.	pcs.
TER09-3705GC	External angle 90° for side finish	Ash Grey		80 x 200	5 pcs.	pcs.
TER09-3705GA	External angle 90° for side finish	Grey Antique		80 x 200	5 pcs.	pcs.
TER09-3706GC	External angle 90° for side finish	Ash Grey		100 x 200	5 pcs.	pcs.
TER09-3706GA	External angle 90° for side finish	Grey Antique		100 x 200	5 pcs.	pcs.
TER09-3707GC	Junction for side trim panel	Ash Grey		60 x 70	5 pcs.	pcs.
TER09-3707GA	Junction for side trim panel	Grey Antique		60 x 70	5 pcs.	pcs.
TER09-3708GC	Junction for side trim panel	Ash Grey		80 x 70	5 pcs.	pcs.
TER09-3708GA	Junction for side trim panel	Grey Antique		80 x 70	5 pcs.	pcs.
TER09-3709GC	Junction for side trim panel	Ash Grey		100 x 70	5 pcs.	pcs.
TER09-3709GA	Junction for side trim panel	Grey Antique		100 x 70	5 pcs.	pcs.

## DESCRIPTION

Aluminium elements for lateral finishing of raised floors.

They consist of:

- A pre-drilled base to be screw-anchored to the raised paving supports;
- A perimeter profile in aluminium in 3 heights and to be chosen according to the elevation of the pavement in relation to the support plane of the supports;
- One junction element in 3 heights
- An 90° outer corner in 3 heights.

## MATERIAL

Base for support: natural Aluminium. Profile, joint and angular in painted Aluminium.

## USE

Finish and protect the outer edges of raised floors, terraces or balconies.





## OUTDOOR SPACER FOR TILES

Code	Product	mm	Pkg.	Pallet	UM
TER04-4300	Outdoor spacer for tiles - 100 pcs.	thick. 4 - ø 64	10 bags	200 boxes	pc.
TER04-4300M	Outdoor spacer for tiles - 200 pcs.	thick. 4 - ø 64	200 pcs.	80 boxes	box

### DESCRIPTION

X shape tile spacer for outdoor.

100 pcs. per bag.

This product is available in black polypropylene also.

### MATERIAL

Made of PS (polystyrene).

### USE

Used as a spacer in the tiling.



## OUTDOOR CROSS SHAPED SPACERS

Code	Product	mm	Pkg.	Pallet	UM
TER04-4315/4	Cross Outdoor Spacer - h. 15 mm - thick. 4 mm	60 x 60 x h. 15 - thick. 4	-	-	pc.
TER04-4320/4	Stackable Cross Outdoor Spacer - h. 20 mm - thick. 4 mm	60 x 60 x h. 20 - thick. 4	-	-	pc.

### DESCRIPTION

Outdoor Cross Shaped Spacers for laying outdoor paving or setts of different thicknesses on waterproof membranes, stabilised ground, concrete surfaces.

Available in 2 different heights of 15 and 20mm with a joint thickness of 4mm.

The 20mm height spacer, thanks the special shape of its bottom, can be stacked on the 15 or 20mm spacer, in order to achieve all the requested heights.

The 15mm one acts both as a single spacer and as an extension of 10mm for the h. 20mm model.

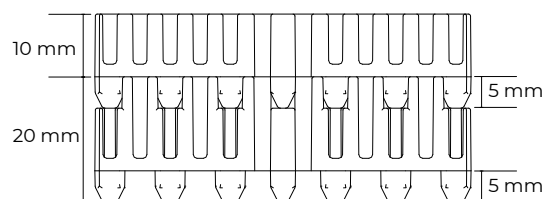
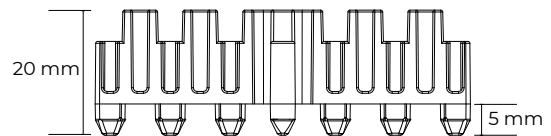
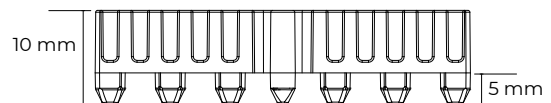
All these models can be broken in order to obtain a T-shaped or linear spacer.

### MATERIAL

Made of PP (polypropylene).

### USE

Perfect spacer for laying outdoor paving or setts of different thicknesses on waterproof membranes, stabilised ground, concrete surfaces with a 4mm joint line.





# TAK LEVEL - KIT

Code	Product	mm	Pkg.	Pallet	UM
TER09-1155	Construction shims and wedges kit	-	1 box	80 box	box

## DESCRIPTION

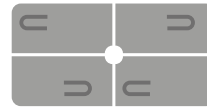
The wedge 45 x 170 x h. 26 mm can be splitted in 2 smaller ones of dimensions 90 x 45 x h. 26/12 mm and 74 x 45 x h. 11/1 mm. Each shim can be splitted in 4 smallest pieces thanks to the pre-cutted lines.

## MATERIAL

Made of PP (polypropylene).

## USE

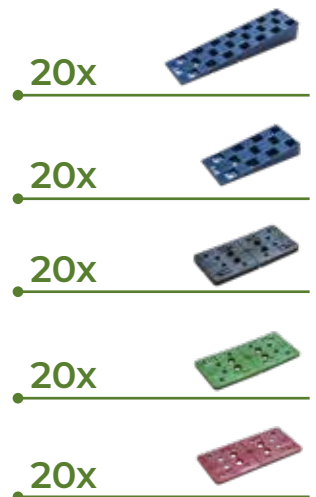
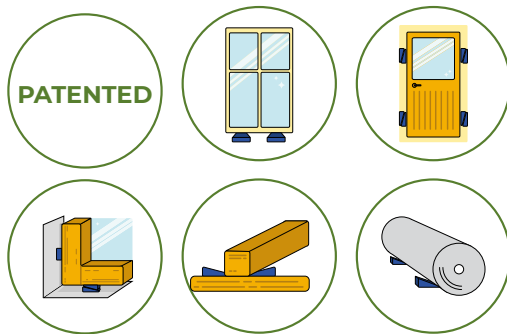
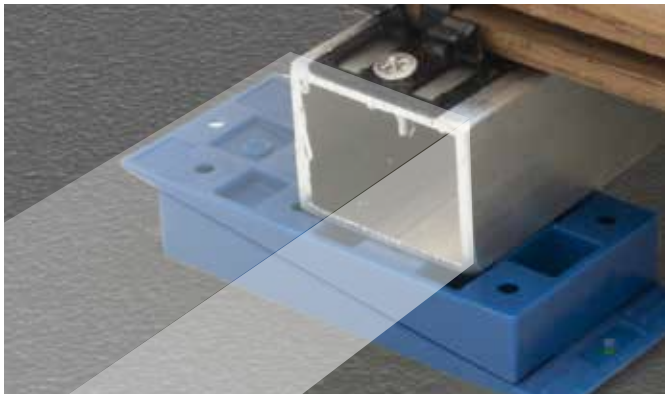
This product is a practical solution for several applications in the construction industry. It is widely used during the installation of external raised decking. The combined use of 2 wedges guarantee a millimetric adjustment of the joists and the use of the shims allows to level the surface over the under-structure of the decking itself. Moreover the wedges and shims can be used during the installation and fixing of doors and windows frames and for many other situation when a fast and modular fixing solution is required.



EACH SHIM CAN BE SPLITTED IN 4 SMALLEST PIECES THANKS TO THE PRE-CUTTED LINES.

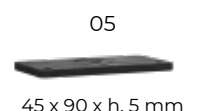
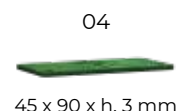
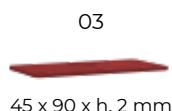
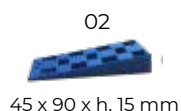
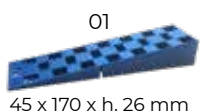


WEDGE 45 X 170 X H. 26 MM CAN BE SPLITTED IN 2 PIECES:  
90 x 45 x h. 26/12 mm | 74 x 45 x h. 11/1 mm



# TAK LEVEL - SINGLE ELEMENTS

Code	Ref.	Product	mm	Pkg.	Pallet	UM
TER09-2250	01	Wedges 90 mm - 40 pcs. / bag	45 x 90 x h. 15	320 pcs.	14.400 pcs.	bag
TER09-2251	02	Wedges 170 mm - 20 pcs. / bag	45 x 170 x h. 26	120 pcs.	4.320 pcs.	bag
TER09-2252	03	Shims 2 mm - 40 pcs. / bag	90 x 45 thick. 2	1.120 bags	80.640 pcs.	bag
TER09-2253	04	Shims 3 mm - 40 pcs. / bag	90 x 45 thick. 3	800 bags	57.600 pcs.	bag
TER09-2254	05	Shims 5 mm - 40 pcs. / bag	90 x 45 thick. 5	800 bags	28.800 pcs.	bag



# QUIX SYSTEM - INVISIBLE FIXING FOR DECKING

Code	Product	mm	Pkg.	Pallet	UM
TER09-1147DK	Kit - 64 bars, 10 studs, 2 pcs. 5 mm spacers and 2 sets of steel self-tapping screws (200 pcs. 6 x 25 mm and 20 pcs. 4 x 25 mm)	-	1 box	80 box	box

## DESCRIPTION

Kit consisting of 64 bars, 10 studs, 2 pcs. spacers of 5 mm and 2 sets of steel self-tapping screws (200 pcs. 6 x 25 mm and 20 pcs. 4 x 25 mm), for an easy and invisible fixing (without any visible screws) of external natural wood decking.

The kit allows the installation of around 4m<sup>2</sup> of decking.

## MATERIAL

The bars, studs and spacers are made of PP (polypropylene), the screws are made of steel.

## USE

The system is suitable for all types of natural wood boards, thanks to the modularity of the bars which can be broken and fixed on boards of any width.

The system guarantees the laying of the decking both on wood or metal joist and directly on concrete and, thanks to the 5 mm spacers, there will be a precise joint for a uniform and professional final result.



watch the video!



64x

Bar



10x

Stud



2x

Spacers



200x Screws 6 x 25 mm



20x Screws 4 x 25 mm





# GEOREEF

Code	Product	mm	Pkg.	Pallet	UM
GAR03-0070	Georeef - landscape profile (pack 3 m)	h 45 - Length 3.000	1 pc.	-	pc.
GAR03-0071	Georeef - landscape profile (pack 3 m)	h 60 - Length 3.000	1 pc.	-	pc.

## DESCRIPTION

Product for outdoor use that allows to design and model lines and dividing arches between different external areas. The profiles are very easy to install and disassemble and withstand the most various weather conditions and physical tractions. The installation is quick and easy and it does not require any particular or specific tool.

The profiles can be connected to each other just by overlapping and, once positioned according to the layout, fix them to the ground using the provided plastic spikes.

It is an excellent alternative to heavier and less aesthetically pleasing concrete edges.

**Effective length of the package kit: 3 meter, complete with 12 plastic spikes.**

It is available in two different heights: 45 mm and 60 mm, both in black.

## MATERIAL

Made of PP (polypropylene).

## USE

Used to delineate areas of separation between different external areas.

It is the ideal solution to set the bounds of circumscribe the edges of flowerbeds, to isolate the grassy area from intrusive gravel or to define protective areas around trees and bushes.



# NON-WOVEN FABRIC

Code	Product	m	Pkg.	Pallet	UM
GAR03-0060	Non-woven fabric 200 g/m <sup>2</sup>	1,0 x 50	1 pc.	20 pcs.	pc.
GAR03-0061	Non-woven fabric 200 g/m <sup>2</sup>	2,0 x 50	1 pc.	20 pcs.	pc.
GAR03-0064	Non-woven fabric 300 g/m <sup>2</sup>	1,0 x 50	1 pc.	16 pcs.	pc.
GAR03-0065	Non-woven fabric 300 g/m <sup>2</sup>	2,0 x 50	1 pc.	16 pcs.	pc.
GAR03-0062	Non-woven fabric 400 g/m <sup>2</sup>	1,0 x 50	1 pc.	12 pcs.	pc.
GAR03-0063	Non-woven fabric 400 g/m <sup>2</sup>	2,0 x 50	1 pc.	12 pcs.	pc.

## DESCRIPTION

Non-woven fabric consisting of 100% staple synthetic polyester fibers, mechanically punched.

Product characterized by high mechanical, chemical and biological resistance as well as water permeability. It can also be considered rotproof. It is available in white color, weight 200, 300 and 400 gr/smq, in two different heights, 1 m and 2 m.

## MATERIAL

Made of 100% staple synthetic polyester fibers.

## USE

It is used in many fields of civil engineering, construction and garden, for its hydraulic functions (drainage and filtration) and mechanical (separation, reinforcement and protection).





# ARTIFICIAL TURF

Code	Product	mm	Pkg.	Pallet	UM
GAR03-0034/25	Artificial turf - 25 mm - 25 sqm roll	2,0 x 12,5 m - h. 25 mm	1 pc.	-	pc.
GAR03-0035/25	Artificial turf - 35 mm - 25 sqm roll	2,0 x 12,5 m - h. 35 mm	1 pc.	-	pc.
GAR03-0036/25	Artificial turf - 45 mm - 25 sqm roll	2,0 x 12,5 m - h. 45 mm	1 pc.	-	pc.

**MADE IN ITALY**

## DESCRIPTION

Artificial turf made of high density plastic polymer filaments, sewn on a draining support.

Extremely easy to install and to maintain, as it can be simply washed with water, possibly mixed with the bactericide detractor and then nebulized. The longer green filaments of the turf (length according to the various heights available) are crammed with a base layer of shorter filaments, to guarantee an excellent and realistic final effect, both to the eye and to the touch.

They are available in various heights, with sizes from 25, 35 and 45 mm.

## MATERIAL

Made of high-density plastic polymer filaments.

## USE

Designed for indoor and outdoor use.

Excellent solution for poolside finishing, to set up a special outdoor area such as baby areas (it does not attract insects and mosquitoes and does not encourage allergies), relax areas, patios or to renovate a terrace or a balcony.



**25 mm**



**35 mm**



**45 mm**



# DAK-ROCK GRAVEL STABILIZATION GRID

Code	Product	mm	Pkg.	Pallet	UM
GAR01-0300	DAK-ROCK - PE-HD Gravel Stabilization Grid	795 x 1.123 x h. 30	1 pc.	38 pcs.	pc.
GAR01-0300H	DAK-ROCK - PE-HD Gravel Stabilization Grid	795 x 1.123 x h. 30	1 pc.	80 pcs.	pc.
GAR01-0300H2	DAK-ROCK - PE-HD Gravel Stabilization Grid - Folded	1590 x 1.123 x h. 30	1 pc.	40 pcs.	pc.
GAR01-0400	DAK-ROCK - PP Gravel Stabilization Grid - gray	795 x 1.123 x h. 30	1 pc.	38 pcs.	pc.
GAR01-0400H	DAK-ROCK - PP Gravel Stabilization Grid - gray	795 x 1.123 x h. 30	1 pc.	80 pcs.	pc.
GAR01-0400H2	DAK-ROCK - PP Gravel Stabilization Grid - Folded - gray	1590 x 1.123 x h. 30	1 pc.	40 pcs.	pc.

## DESCRIPTION

DAK-ROCK is the HDPE gravel and stabilization grid, resistant to frost. It guarantees a compact surface for both pedestrian and vehicular areas and a perfectly draining transit.

Thanks to its highly containing honeycomb structure for gravel and pebbles and to the layer of high-strength geotextile fabric, rainwater can be absorbed more evenly by the ground, ensuring more uniform drainage management and a stable and safety surface.

## MATERIAL

Dak-Rock structure is made of HDPE and nonwoven geotextile is made of PP.

## USE

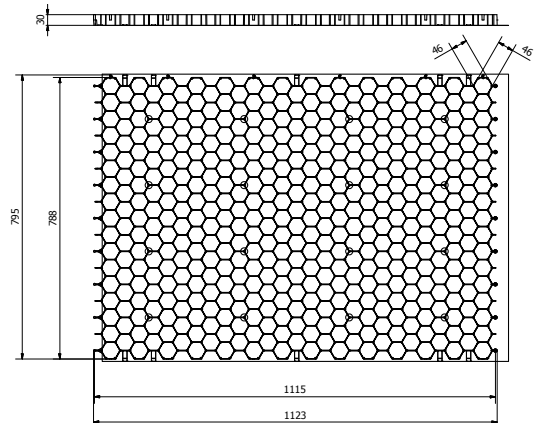
Dak-Rock is used to stabilize gravel and pebbles in for garden paths, pedestrian walkways, terraces and various areas (games, pic-nic, relax) or parking slots, recreational activities and staging.

## Load class test according to EN ISO 844:

- Test on empty structure = 140 T/m<sup>2</sup>
- Test on filled (gravel) structure = 400 T/m<sup>2</sup>



*watch the video!*





# DAK-ROCK HEAVY - GROUND PAVING GRID

Code	Product	mm	Pkg.	Pallet	UM
GAR01-0022N	Dak-Rock Heavy - Ground Paving Grid	500 x 500 h. 39	1 pc.	288 pcs.	pc.
GAR01-0022GV	Dak-Rock Heavy - Ground Paving Grid - Green	500 x 500 h. 39	1 pc.	288 pcs.	pc.

## DESCRIPTION

Dakota plastic paving grid is a 500 x 500 x h.39 mm ground reinforcement paving solution designed to improve natural water drainage and at the same time to prevent ground erosion. It is a perfect alternative to sett bricks, flagstone, openwork paving slabs and different kind of concrete based surfaces. Innovative interlocking system enables to connect the panels and create a continuous surface, which become completely invisible once filled with aggregate or grass, preserving the natural character of the area.

## MATERIAL

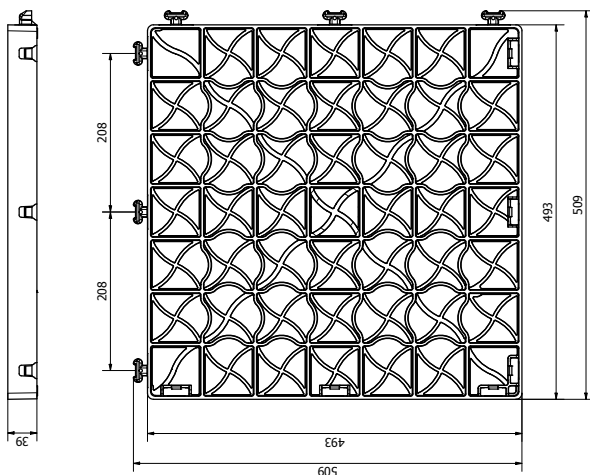
Made of Polypropylene (PP).

## USE

It is used for the reinforcement and strengthening of grass layers destined for parking cars and/or recreational activities and/or staging.

## Load class test according to EN ISO 844:

- Test on empty structure = 910 T/m<sup>2</sup>





# GREEN PLUS

Code	Product	mm	Pkg.	Pallet	UM
GAR01-0001/5	Green Plus	h 50 - 400 x 400	1 pc.	264 pcs.	pc.
GAR01-0002/4	Green Plus 2.4	h 40 - 800 x 400	1 pc.	156 pcs.	pc.
GAR01-0002/5	Green Plus 2.5	h 50 - 800 x 400	1 pc.	132 pcs.	pc.
GAR01-0006	White Cap	-	100 pcs.	-	box

## DESCRIPTION

GREEN PLUS is a green grass grating tile for garden protection.

It consists in a modular interlocking elements, available in 3 versions:

- 400 x 400 x h. 50 mm;
- 800 x 400 x h. 40 mm (GREEN PLUS 2.4);
- 800 x 400 x h. 50 mm (GREEN PLUS 2.5).

3 different caps can be applied to define parking slots or other indications.

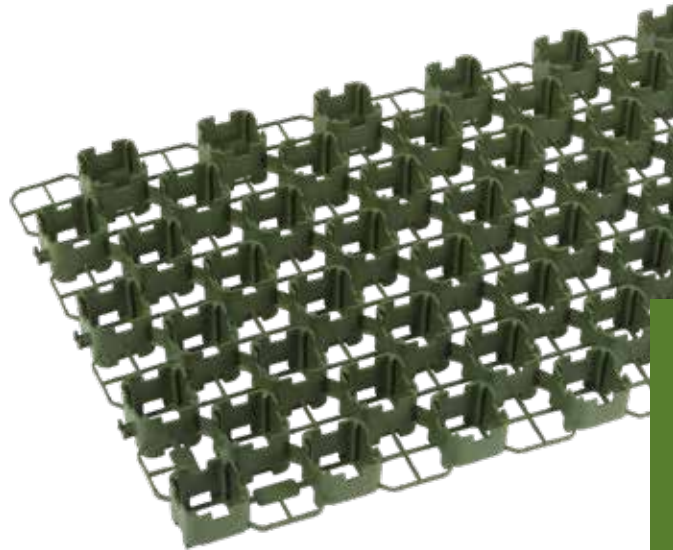
Loading capacity > 300 tons/m<sup>2</sup>.

## MATERIAL

Made of high-density polyethylene (PE-HD).

## USE

It is used for the reinforcement of the grass in areas dedicated to parking slots, recreational activities and staging.



## PLASTIC TILE

Code	Product	mm	Pkg.	Pallet	UM
GAR01-0008V	Green plastic tile	400 x 400 h 50	1 pc.	120 pcs.	pc.
GAR01-0008R	Red plastic tile	400 x 400 h 50	1 pc.	120 pcs.	pc.
GAR01-0008G	Grey plastic tile	400 x 400 h 50	1 pc.	120 pcs.	pc.

### DESCRIPTION

Green, red or grey plastic tile for garden,  
It consist in a modular interlocking element.  
Measures 400 x 400 x 50 m.  
It can be matched with ramps and corners for easy a positioning and use.  
High flow rate > 45 kN/smq.

### MATERIAL

Made of PE-HD (high-density polyethylene) and PP (polypropylene).

### USE

Alternative uses for residential areas or garden intended for garden furniture and/or recreational activities and/or walkways.



PATENTED



## SEMI PERFORATED TILE

Code	Product	mm	Pkg.	Pallet	UM
GAR01-0009V	Green semi perforated tile	400 x 400 h 50	1 pc.	120 pcs.	pc.
GAR01-0009R	Red semi perforated tile	400 x 400 h 50	1 pc.	120 pcs.	pc.
GAR01-0009G	Grey semi perforated tile	400 x 400 h 50	1 pc.	120 pcs.	pc.

### DESCRIPTION

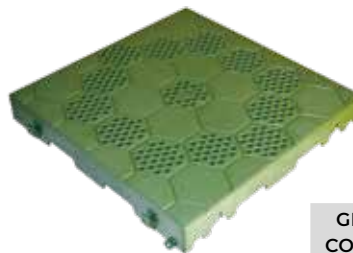
Green, red or grey semi perforated tile for garden,  
It consist in a modular interlocking element.  
Measures 400 x 400 x 50 m.  
It can be matched with ramps and corners for easy a positioning and use.  
High flow rate > 45 kN/smq.

### MATERIAL

Made of PE-HD (high-density polyethylene) and PP (polypropylene).

### USE

Alternative uses for residential areas or garden intended for garden furniture and/or recreational activities and/or walkways.



PATENTED





## PERFORATED TILE

Code	Product	mm	Pkg.	Pallet	UM
GAR01-0014V	Green perforated tile	400 x 400 h 50	1 pc.	120 pcs.	pc.
GAR01-0014R	Red perforated tile	400 x 400 h 50	1 pc.	120 pcs.	pc.
GAR01-0014G	Grey perforated tile	400 x 400 h 50	1 pc.	120 pcs.	pc.

### DESCRIPTION

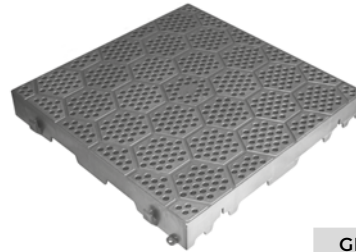
Green, red or grey perforated tile for garden.  
It consist in a modular interlocking element.  
Measures 400 x 400 x 50 mm.  
It can be matched with ramps and corners for easy a positioning and use.  
High flow rate > 45 kN/smq.

### MATERIAL

Made of PE-HD (high-density polyethylene) and PP (polypropylene).

### USE

Alternative uses for residential areas or garden intended for garden furniture and/or recreational activities and/or walkways.



PATENTED



## RAMP AND CORNER FOR TILE

Code	Product	mm	Pkg.	Pallet	UM
GAR01-0011V	Ramp for green tile	400 x 150 h 50	40 pcs.	600 pcs.	pc.
GAR01-0011R	Ramp for red tile	400 x 150 h 50	40 pcs.	600 pcs.	pc.
GAR01-0011G	Ramp for grey tile	400 x 150 h 50	40 pcs.	600 pcs.	pc.
GAR01-0012V	Corner for green tile	150 x 150 h 50	1 pc.	-	pc.
GAR01-0012R	Corner for red tile	150 x 150 h 50	1 pc.	-	pc.
GAR01-0012G	Corner for grey tile	150 x 150 h 50	1 pc.	-	pc.

### DESCRIPTION

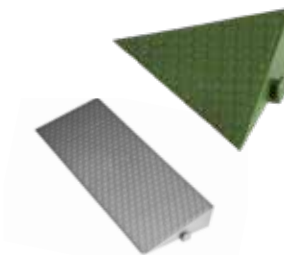
Accessories for Tile.  
They consist in a modular interlocking element.  
Ramp measures 400 x 150 x 50 mm.  
Corner measures 150 x 150 x 50 mm.  
They are combinable to facilitate the placement and use.  
High flow rate > 45 kN/smq.

### MATERIAL

Made of PE-HD (high-density polyethylene) and PP (polypropylene).

### USE

Alternative uses for residential areas or garden intended for garden furniture and/or recreational activities and/or walkways.



## BASE FOR TILE

Code	Product	mm	Pkg.	Pallet	UM
GAR01-0013	Base for tile	385 x 97 x 15	70 pcs.	3.500 pcs.	pc.

### DESCRIPTION

Accessory for Tile.  
It consist in a modular interlocking element.  
Measures 385 x 97 x 15 mm.  
It can be matched with ramps and corners.

### MATERIAL

Made of PP (polypropylene).

### USE

It is used to allow the laying of tiles in terraces in direct contact with the bituminous sheeting. It prevents the tear of the sheets by increasing the contact surface of the tiles.



## DRAINING TILE

Code	Product	mm	Pkg.	Pallet	UM
GAR01-0015V	Green draining tile	400 x 400 h 18	6 pcs.	324 pcs.	pc.
GAR01-0015GC	Grey draining tile	400 x 400 h 18	6 pcs.	324 pcs.	pc.
GAR01-0015R	Red draining tile	400 x 400 h 18	6 pcs.	324 pcs.	pc.

### DESCRIPTION

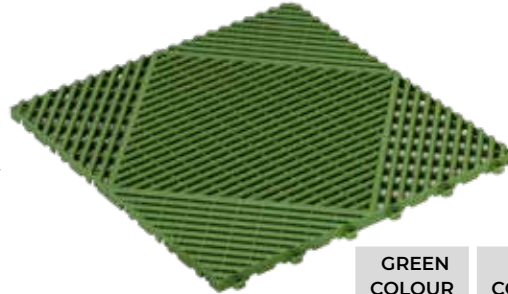
Draining tile for Garden in PP, available in green, grey and red colour.  
Element modular interlocking measures 400 x 400 x 18 mm.

### MATERIAL

Made of PP (polypropylene).

### USE

Alternative uses for residential lawns or garden furniture intended for screed and/or recreational activities and/or walkways.



## DRAINING TILE ACCESSORIES

Code	Rif.	Description	mm	Pkg.	Pallet	UM
GAR01-0030R	02	Ramp with "female" hooking for draining tile - Red	400 x 60 h 18	25 pcs.	1.575 pcs.	pc.
GAR01-0030V	02	Ramp with "female" hooking for draining tile - Green	400 x 60 h 18	25 pcs.	1.575 pcs.	pc.
GAR01-0030GC	02	Ramp with "female" hooking for draining tile - Grey	400 x 60 h 18	25 pcs.	1.575 pcs.	pc.
GAR01-0031V	03	Ramp with "male" hooking for draining tile - Red	400 x 60 h 18	25 pcs.	1.575 pcs.	pc.
GAR01-0031R	03	Ramp with "male" hooking for draining tile - Green	400 x 60 h 18	25 pcs.	1.575 pcs.	pc.
GAR01-0031GC	03	Ramp with "male" hooking for draining tile - Grey	400 x 60 h 18	25 pcs.	1.575 pcs.	pc.
GAR01-0032V	04	Corner with "female" hooking for draining tile - Red	60 x 60 h 18	100 pcs.	14.400 pcs.	pc.
GAR01-0032R	04	Corner with "female" hooking for draining tile - Green	60 x 60 h 18	100 pcs.	14.400 pcs.	pc.
GAR01-0032GC	04	Corner with "female" hooking for draining tile - Grey	60 x 60 h 18	100 pcs.	14.400 pcs.	pc.
GAR01-0033V	05	Corner with "female-female" hooking for draining tile - Red	60 x 60 h 18	100 pcs.	14.400 pcs.	pc.
GAR01-0033R	05	Corner with "female-female" hooking for draining tile - Green	60 x 60 h 18	100 pcs.	14.400 pcs.	pc.
GAR01-0033GC	05	Corner with "female-female" hooking for draining tile - Grey	60 x 60 h 18	100 pcs.	14.400 pcs.	pc.

### DESCRIPTION

These accessories are the perfect integration of the drainage tile in order to guarantee a perfect lateral finishing. The ramps and the corners have a modular interlocking system that is divided in 2 different type/each:

- Ramp with "female" interlocking system
- Ramp with "male" interlocking system
- Corner for with "female" interlocking system
- Corner for with "female-female" interlocking system

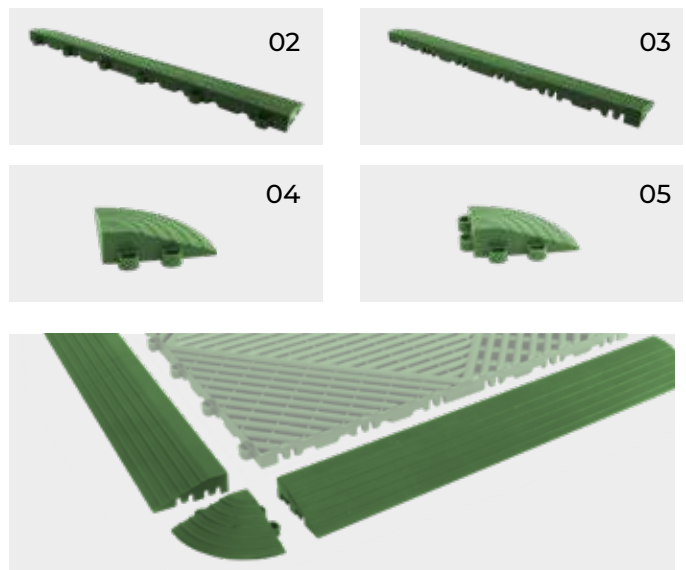
Ramps are sold in bags of 10 pieces/each

### MATERIAL



Both ramps and corners are made of PP (polypropylene).

### USE

Ramps and corners can be matched together and the very easy looking system guarantee a quick positioning and use. These products are perfect where there is a need to create a stable and removable outdoor flooring, to be used in residential areas or garden intended for garden furniture and/or recreational activities and/or walkways.




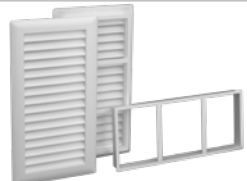

## ABS UNIVERSAL GRILL

Code	Product		mm	Pkg.	Pallet	UM
UNI09-6434ABS	Universal round grill ø 70 in ABS		inlet from 40 to 60	200 pcs.	6.000 pcs.	pc.
UNI09-6428ABS	Universal round grill ø 140 in ABS		inlet from 63 to 125	100 pcs.	1.500 pcs.	pc.
UNI09-6427ABS	Universal round grill ø 180 in ABS		inlet from 120 to 160	50 pcs.	750 pcs.	pc.
UNI09-6429ABS	Universal round grill ø 230 in ABS		inlet from 140 to 200	18 pcs.	360 pcs.	pc.
UNI09-6213ABS	Universal rectangular grill 210 x 230 in ABS		inlet from 140 to 200	20 pcs.	400 pcs.	pc.

## ABS FIXED ROUND GRILL

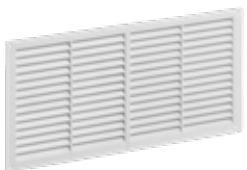
Code	Product		mm	Pkg.	Pallet	UM
UNI09-6360ABS	Fixed round grill in ABS		inlet 60	200 pcs.	6.000 pcs.	pc.
UNI09-6380ABS	Fixed round grill in ABS		inlet 80	100 pcs.	3.000 pcs.	pc.
UNI09-6400ABS	Fixed round grill in ABS		inlet 100	100 pcs.	2.000 pcs.	pc.
UNI09-6410ABS	Fixed round grill in ABS		inlet 110	80 pcs.	1.600 pcs.	pc.
UNI09-6420ABS	Fixed round grill in ABS		inlet 120	50 pcs.	1.000 pcs.	pc.
UNI09-6441ABS	Fixed round grill in ABS		inlet 140	80 pcs.	1.200 pcs.	pc.
UNI09-6442ABS	Fixed round grill in ABS		inlet 160	60 pcs.	1.200 pcs.	pc.
UNI09-6443ABS	Fixed round grill in ABS		inlet 200	30 pcs.	600 pcs.	pc.

## ABS FIXED SQUARE AND RECTANGULAR GRILL

Codice	Prodotto		mm	Pkg.	Pallet	UM
UNI09-6435ABS	Fixed square grill		145 x 145	100 pcs.	3.000 pcs.	pc.
UNI09-6421ABS	Fixed rectangular grill		200 x 150	100 pcs.	2.000 pcs.	pc.
UNI09-6214ABS	Fixed rectangular grill		235 x 215	50 pcs.	1.000 pcs.	pc.
UNI09-6430ABS	Fixed rectangular grill to inlet		130 x 260	50 pcs.	1.000 pcs.	pc.
UNI09-6423ABS	Fixed rectangular grill to inlet		365 x 125	50 pcs.	1.000 pcs.	pc.



## ABS FIXED RECTANGULAR MODULAR GRILL

Code	Product		mm	Pkg.	Pallet	UM
UNI11-6425	Plastic fixed modular grill		430 x 220	25 pcs.	600 pcs.	pc.
UNI11-6426	Plastic fixed modular grill		630 x 220	25 pcs.	375 pcs.	pc.
UNI11-6427	Plastic fixed modular grill		830 x 220	25 pcs.	300 pcs.	pc.

## ABS RECESS GRILL

Code	Product		mm	Pkg.	Pallet	UM
UNI12-6460	ABS Recess grill		150 x 150	10 pcs.	1.200 pcs.	pc.
UNI12-6461	ABS Recess grill		190 x 190	10 pcs.	750 pcs.	pc.
UNI12-6462	ABS Recess grill		170 x 250	10 pcs.	1.000 pcs.	pc.
UNI12-6463	ABS Recess grill		140 x 300	10 pcs.	1.000 pcs.	pc.

## ABS RECESS GRILL WITH ADJUSTABLE SHUTTER

Code	Product		mm	Pkg.	Pallet	UM
UNI12-6460S	ABS Recess grill with adjustable shutter		150 x 150	10 pcs.	1.200 pcs.	pc.
UNI12-6461S	ABS Recess grill with adjustable shutter		190 x 190	10 pcs.	750 pcs.	pc.
UNI12-6462S	ABS Recess grill with adjustable shutter		170 x 250	10 pcs.	1.000 pcs.	pc.
UNI12-6463S	ABS Recess grill with adjustable shutter		140 x 300	10 pcs.	1.000 pcs.	pc.


## ABS RECESS GRILL WITH MESH, ADJUSTABLE SHUTTER AND INLET

Code	Product		mm	Pkg.	Pallet	UM
UNI12-6460SI	ABS Recess grill with adjustable shutter and Inlet		ø 100 - 150 x 150	10 pcs.	1.000 pcs.	pc.
UNI12-6461SI	ABS Recess grill with adjustable shutter and Inlet		ø 125 - 190 x 190	10 pcs.	540 pcs.	pc.
UNI12-6462SI	ABS Recess grill with adjustable shutter and Inlet		ø 150 - 190 x 190	10 pcs.	540 pcs.	pc.

## ABS PLASTIC LINE PRIME - INSPECTION HATCH

Code	Product		mm	Pkg.	Pallet	UM
TER30-7044	ABS inspection hatch		165 x 165	6 pcs.	720 pcs.	pc.
TER30-7045	ABS inspection hatch		165 x 215	6 pcs.	900 pcs.	pc.
TER30-7046	ABS inspection hatch		215 x 215	6 pcs.	900 pcs.	pc.
TER30-7047	ABS inspection hatch		215 x 265	6 pcs.	600 pcs.	pc.
TER30-7048	ABS inspection hatch		215 x 315	6 pcs.	600 pcs.	pc.
TER30-7049	ABS inspection hatch		305 x 305	6 pcs.	408 pcs.	pc.

## ABS INSPECTION GRILL WITH FILTER

Code	Product		mm	Pkg.	Pallet	UM
TER30-7044G	ABS inspection grill with filter		165 x 165	6 pcs.	720 pcs.	pc.
TER30-7045G	ABS inspection grill with filter		165 x 215	6 pcs.	450 pcs.	pc.
TER30-7046G	ABS inspection grill with filter		215 x 215	6 pcs.	450 pcs.	pc.
TER30-7047G	ABS inspection grill with filter		215 x 265	6 pcs.	300 pcs.	pc.
TER30-7048G	ABS inspection grill with filter		215 x 315	6 pcs.	300 pcs.	pc.
TER30-7049G	ABS inspection grill with filter		305 x 305	6 pcs.	204 pcs.	pc.

## ABS GRILL WITH GRAVITY DAMPER

Code	Product		mm	Pkg.	Pallet	UM
TER30-7044S	ABS surface-mounted grill with gravity damper		150 x 150	10 pcs.	1.200 pcs.	pc.
TER30-7045S	ABS surface-mounted grill with gravity damper		190 x 190	10 pcs.	750 pcs.	pc.

## ABS GRILL WITH SHUTTER

Code	Product		mm	Pkg.	Pallet	UM
TER30-7144S	ABS surface-mounted grill with shutter		150 x 150	10 pcs.	1.200 pcs.	pc.
TER30-7145S	ABS surface-mounted grill with shutter		190 x 190	10 pcs.	750 pcs.	pc.
TER30-7146SG	ABS surface-mounted grill with shutter with inlet ø 100		ø 100 - 150 x 150	10 pcs.	500 pcs.	pc.
TER30-7147SG	ABS surface-mounted grill with shutter with inlet ø 125		ø 125 - 190 x 190	10 pcs.	270 pcs.	pc.
TER30-7148SG	ABS surface-mounted grill with shutter with inlet ø 150		ø 150 - 190 x 190	10 pcs.	540 pcs.	pc.

## ABS VORTEX FIXED GRILL

Code	Product		mm	Pkg.	Pallet	UM
TER30-7150	ABS Vortex fixed grill		ø 100	10 pcs.	680 pcs.	pc.
TER30-7151	ABS Vortex fixed grill		ø 125	10 pcs.	680 pcs.	pc.
TER30-7152	ABS Vortex fixed grill		ø 150	10 pcs.	600 pcs.	pc.

## ABS FIXED VALVE WITH ADJUSTABLE DIFFUSER WITHOUT INSECT SCREEN MESH

Code	Product		mm	Pkg.	Pallet	UM
TER30-7160	ABS fixed valve with adjustable diffuser without mesh		ø 100	10 pcs.	680 pcs.	pc.
TER30-7161	ABS fixed valve with adjustable diffuser without mesh		ø 125	10 pcs.	810 pcs.	pc.
TER30-7162	ABS fixed valve with adjustable diffuser without mesh		ø 150	10 pcs.	810 pcs.	pc.

## ABS FIXED VALVE SPRING WITH ADJUSTABLE DIFFUSER WITHOUT MESH

Code	Product	mm	Pkg.	Pallet	UM
TER30-7165	ABS fixed valve with spring adjustable diffuser without mesh	ø 100	10 pcs.	1.000 pcs.	pc.
TER30-7166	ABS fixed valve with spring adjustable diffuser without mesh	ø 125	10 pcs.	680 pcs.	pc.
TER30-7167	ABS fixed valve with spring adjustable diffuser without mesh	ø 150/160	10 pcs.	680 pcs.	pc.



## ABS COPPER-COATED UNIVERSAL ROUND GRILL

Code	Product	mm	Pkg.	Pallet	UM
UNI09-6434AR	ABS Copper-Coated universal round grill ø 70	inlet from 40 to 60	200 pcs.	6.000 pcs.	pc.
UNI09-6428AR	ABS Copper-Coated universal round grill ø 140	inlet from 63 to 125	100 pcs.	1.500 pcs.	pc.
UNI09-6427AR	ABS Copper-Coated universal round grill ø 180	inlet from 120 to 160	50 pcs.	750 pcs.	pc.
UNI09-6429AR	ABS Copper-Coated universal round grill ø 230	inlet from 140 to 200	18 pcs.	360 pcs.	pc.
UNI09-6213AR	ABS Copper-Coated universal rectangular grill 210 x 230	inlet from 140 to 200	20 pcs.	360 pcs.	pc.



## ALUMINUM UNIVERSAL GRILL

Code	Product	mm	Pkg.	Pallet	UM
UNI02-6428AB	Aluminum universal round grill ø 150	inlet from 80 to 125	25 pcs.	1.375 pcs.	pc.
UNI02-6427AB	Aluminum universal round grill ø 180	inlet from 120 to 160	25 pcs.	825 pcs.	pc.
UNI02-6429AB	Aluminum universal round grill ø 222	inlet from 160 to 200	25 pcs.	525 pcs.	pc.



## ALUMINUM FIXED ROUND GRILL

Code	Product	mm	Pkg.	Pallet	UM
UNI20-6080	Aluminum fixed round grill	inlet 80	24 pcs.	1.536 pcs.	pc.
UNI20-6100	Aluminum fixed round grill	inlet 100	24 pcs.	1.152 pcs.	pc.
UNI20-6120	Aluminum fixed round grill	inlet 120	24 pcs.	792 pcs.	pc.
UNI20-6140	Aluminum fixed round grill	inlet 140	24 pcs.	504 pcs.	pc.
UNI20-6150	Aluminum fixed round grill	inlet 150	24 pcs.	504 pcs.	pc.
UNI20-6160	Aluminum fixed round grill	inlet 160	24 pcs.	504 pcs.	pc.
UNI20-6200	Aluminum fixed round grill	inlet 200	24 pcs.	288 pcs.	pc.



## ALUMINUM FIXED SQUARE AND RECTANGULAR GRILL

Code	Product	mm	Pkg.	Pallet	UM
UNI21-6214	Aluminum fixed square grill	150 x 150	25 pcs.	3.450 pcs.	pc.
UNI21-6213	Aluminum fixed square grill	230 x 230	30 pcs.	1.440 pcs.	pc.
UNI21-6211	Aluminum fixed rectangular grill	280 x 150	25 pcs.	1.600 pcs.	pc.
UNI21-6212	Aluminum fixed rectangular grill	415 x 150	25 pcs.	1.050 pcs.	pc.



## WHITE PREPAINTED ALUMINUM UNIVERSAL GRILL

Code	Product	mm	Pkg.	Pallet	UM
UNI02-6428PB	White prepainted Aluminum universal round grill ø 150	inlet from 80 to 125	25 pcs.	2.500 pcs.	pc.
UNI02-6427PB	White prepainted Aluminum universal round grill ø 180	inlet from 120 to 160	25 pcs.	1.925 pcs.	pc.



## WHITE PREPAINTED ALUMINUM FIXED ROUND GRILL

Code	Product	mm	Pkg.	Pallet	UM
UNI20-6080PB	White prepainted Aluminum fixed round grill	inlet 80	24 pcs.	1.536 pcs.	pc.
UNI20-6100PB	White prepainted Aluminum fixed round grill	inlet 100	24 pcs.	1.152 pcs.	pc.
UNI20-6120PB	White prepainted Aluminum fixed round grill	inlet 120	24 pcs.	792 pcs.	pc.
UNI20-6140PB	White prepainted Aluminum fixed round grill	inlet 140	24 pcs.	504 pcs.	pc.
UNI20-6150PB	White prepainted Aluminum fixed round grill	inlet 150	24 pcs.	504 pcs.	pc.
UNI20-6160PB	White prepainted Aluminum fixed round grill	inlet 160	24 pcs.	504 pcs.	pc.
UNI20-6200PB	White prepainted Aluminum fixed round grill	inlet 200	24 pcs.	288 pcs.	pc.




## WHITE PREPAINTED ALUMINUM FIXED SQUARE AND RECTANGULAR GRILL


Code	Product	mm	Pkg.	Pallet	UM
UNI21-6214PB	White prepainted Aluminum fixed square grill	150 x 150	25 pcs.	3.450 pcs.	pc.
UNI21-6213PB	White prepainted Aluminum fixed square grill	235 x 235	30 pcs.	1.440 pcs.	pc.
UNI21-6211PB	White prepainted Aluminum fixed rectangular grill	280 x 150	25 pcs.	1.600 pcs.	pc.
UNI21-6212PB	White prepainted Aluminum fixed rectangular grill	415 x 150	25 pcs.	1.050 pcs.	pc.



## COPPER UNIVERSAL GRILL

Code	Product		mm	Pkg.	Pallet	UM
UNI03-6428RB	Copper universal round grill ø 150		inlet from 80 to 125	25 pcs.	2.500 pcs.	pc.
UNI03-6427RB	Copper universal round grill ø 180		inlet from 120 to 160	25 pcs.	1.925 pcs.	pc.
UNI03-6429RB	Copper universal round grill ø 222		inlet from 140 to 200	25 pcs.	1.050 pcs.	pc.

## COPPER FIXED ROUND GRILL

Code	Product		mm	Pkg.	Pallet	UM
UNI30-6081	Copper fixed round grill		inlet 80	24 pcs.	1.536 pcs.	pc.
UNI30-6101	Copper fixed round grill		inlet 100	24 pcs.	1.152 pcs.	pc.
UNI30-6121	Copper fixed round grill		inlet 120	24 pcs.	792 pcs.	pc.
UNI30-6141	Copper fixed round grill		inlet 140	24 pcs.	504 pcs.	pc.
UNI30-6151	Copper fixed round grill		inlet 150	24 pcs.	504 pcs.	pc.
UNI30-6161	Copper fixed round grill		inlet 160	24 pcs.	504 pcs.	pc.
UNI30-6201	Copper fixed round grill		inlet 200	24 pcs.	288 pcs.	pc.

## COPPER FIXED SQUARE AND RECTANGULAR GRILL

Code	Product		mm	Pkg.	Pallet	UM
UNI31-6219	Copper fixed square grill		150 x 150	25 pcs.	3.450 pcs.	pc.
UNI31-6218	Copper fixed square grill		230 x 230	30 pcs.	1.440 pcs.	pc.
UNI31-6216	Copper fixed rectangular grill		280 x 150	25 pcs.	1.600 pcs.	pc.
UNI31-6217	Copper fixed rectangular grill		415 x 150	25 pcs.	1.050 pcs.	pc.



## BOX FOR GAS METER WITH FIBERGLASS HATCH

Code	Product	mm (b x h)	Pkg.	Pallet	UM
ZIN21-8007	Box for Gas with Fiberglass Hatch	550 x 300 x 300	1 pc.	65 pcs.	pc.
ZIN21-8008	Box for Gas with Fiberglass Hatch	550 x 400 x 400	1 pc.	65 pcs.	pc.

### DESCRIPTION

Designed to accommodate gas counters (with volume flow below to 6 m<sup>3</sup>/h) with ventilation slots, equipped with back hatch and simple lock with proper squared key.

This product complies with the UNI 9036: 2015 standard for remote reading. Packed disassembled in carton box

### MATERIAL

Made of galvanized steel (body) and fiberglass (front hatch), colour grey (RAL 7001).

It is particularly resistant to shocks and ageing caused by exposure to the atmospheric elements.

### USE

It is used to contain gas meters, to protect them from tampering and/or vandalism and to allow the meter reading and maintenance.



## FIBERGLASS HATCH FOR GAS METER BOX

Code	Product	mm (b x h)	Pkg.	Pallet	UM
ZIN23-8007S	Fiberglass Hatch for Gas Meter Box with Galvanized Frame	550 x 300	1 pc.	90 pcs.	pc.
ZIN23-8008S	Fiberglass Hatch for Gas Meter Box with Galvanized Frame	550 x 400	1 pc.	90 pcs.	pc.

### DESCRIPTION

Provided with ventilation slots for the covering of gas meters.

Packed in carton box

### MATERIAL

Made of fiberglass (RAL 7001), with galvanized steel frame.

It is particularly resistant to shocks and ageing caused by exposure to the atmospheric elements.

### USE

To cover and protect gas meters built into the wall, allowing them to be read periodically.



## HATCH FOR GAS, WATER AND ELECTRICITY

Code	Product	mm (b x h)	Pkg.	Pallet	UM
TER30-7090	Hatch for gas, water and electricity	230 x 330	36 pcs.	576 pcs.	pc.
TER30-7091	Hatch for gas, water and electricity	310 x 460	16 pcs.	288 pcs.	pc.
TER30-7092	Hatch for gas, water and electricity	400 x 500	12 pcs.	216 pcs.	pc.
TER30-7093	Hatch for gas, water and electricity	400 x 600	12 pcs.	180 pcs.	pc.

### DESCRIPTION

Designed to cover gas, water or electricity meters.  
Frame flush with the wall, opening with screwdriver.  
Packed in box

### MATERIAL

Made of ABS or galvanized steel, it is particularly resistant to ageing caused by exposure to the atmospheric elements.

### USE

It is used to cover and to protect electric counters recessed in the wall, allowing the meter reading.



## RETRACTABLE GALVANIZED HATCH

Code	Product	mm (b x h)	Pkg.	Pallet	UM
ZIN28-7080	Retractable galvanized hatch	400 x 300	1 pc.	145 pcs.	pc.
ZIN28-7081	Retractable galvanized hatch	350 x 450	1 pc.	128 pcs.	pc.
ZIN28-7082	Retractable galvanized hatch	300 x 500	1 pc.	92 pcs.	pc.
ZIN28-7083	Retractable galvanized hatch	400 x 500	1 pc.	100 pcs.	pc.
ZIN28-7084	Retractable galvanized hatch	500 x 500	1 pc.	63 pcs.	pc.
ZIN28-7085	Retractable galvanized hatch	500 x 600	1 pc.	60 pcs.	pc.

### DESCRIPTION

Frame flush with the wall, lock and key are included.  
Packed in box

### MATERIAL

Made of galvanized steel, it is particularly resistant to ageing caused by exposure to the atmospheric elements.

### USE

It is used to cover and to protect electric counters recessed in the wall, allowing the meter reading.



## GALVANIZED STEEL GAS HATCH

Code	Product	External Measures (b x h)	Hatch Measures (b x h)	Pkg.	Pallet	UM
ZIN23-7009	Galvanized steel gas hatch	300 x 450 mm	260 x 410 mm	6 pcs.	216 pcs.	pc.
ZIN23-7009B	Galvanized steel gas hatch	350 x 450 mm	310 x 410 mm	6 pcs.	180 pcs.	pc.
ZIN23-7008	Galvanized steel gas hatch	300 x 500 mm	260 x 460 mm	6 pcs.	216 pcs.	pc.
ZIN23-7008B	Galvanized steel gas hatch	400 x 500 mm	360 x 460 mm	6 pcs.	144 pcs.	pc.
ZIN23-7000	Galvanized steel gas hatch	400 x 600 mm	360 x 560 mm	6 pcs.	96 pcs.	pc.
ZIN23-7002	Galvanized steel gas hatch	500 x 600 mm	460 x 560 mm	6 pcs.	144 pcs.	pc.
ZIN23-7001	Galvanized steel gas hatch	400 x 700 mm	360 x 660 mm	6 pcs.	96 pcs.	pc.

### DESCRIPTION

Designed to cover gas meters.  
Frame flush with the wall, lock and key are included.  
Packed in box

### MATERIAL

Made of galvanized sheet metal, it is particularly resistant to ageing caused by exposure to the atmospheric elements.

### USE

It is used to cover and to protect electric counters recessed in the wall, allowing the meter reading.



## STAINLESS STEEL GAS HATCH

Code	Product	External Measures (b x h)	Hatch Measures (b x h)	Pkg.	Pallet	UM
ZIN23-7009I	Stainless steel gas hatch	300 x 450 mm	260 x 410 mm	6 pcs.	216 pcs.	pc.
ZIN23-7009BI	Stainless steel gas hatch	350 x 450 mm	310 x 410 mm	6 pcs.	180 pcs.	pc.
ZIN23-7008I	Stainless steel gas hatch	300 x 500 mm	260 x 460 mm	6 pcs.	216 pcs.	pc.
ZIN23-7008BI	Stainless steel gas hatch	400 x 500 mm	360 x 460 mm	6 pcs.	144 pcs.	pc.
ZIN23-7000I	Stainless steel gas hatch	400 x 600 mm	360 x 560 mm	6 pcs.	96 pcs.	pc.
ZIN23-7002I	Stainless steel gas hatch	500 x 600 mm	460 x 560 mm	6 pcs.	144 pcs.	pc.
ZIN23-7001I	Stainless steel gas hatch	400 x 700 mm	360 x 660 mm	6 pcs.	96 pcs.	pc.

### DESCRIPTION

Designed to cover water meters.  
Frame flush for the wall, lock and key are included.  
Packed in box

### MATERIAL

Made of stainless sheet metal, it is particularly resistant to ageing caused by exposure to the atmospheric elements.

### USE

It is used to cover and protect electric counters recessed in the wall, allowing the meter reading.



## GALVANIZED STEEL INSPECTION HATCH

Code	Product	External Misures (b x h)	Hatch Misures (b x h)	Pkg.	Pallet	UM
ZIN25-7010	Galvanized steel inspection hatch	150 x 150 mm	110 x 110 mm	6 pcs.	450 pcs.	pc.
ZIN25-7011	Galvanized steel inspection hatch	200 x 200 mm	160 x 160 mm	6 pcs.	360 pcs.	pc.
ZIN25-7012	Galvanized steel inspection hatch	250 x 200 mm	210 x 160 mm	6 pcs.	450 pcs.	pc.
ZIN25-7013	Galvanized steel inspection hatch	300 x 200 mm	340 x 160 mm	6 pcs.	300 pcs.	pc.
ZIN25-7014	Galvanized steel inspection hatch	250 x 250 mm	210 x 210 mm	6 pcs.	225 pcs.	pc.
ZIN25-7015	Galvanized steel inspection hatch	300 x 300 mm	260 x 260 mm	6 pcs.	240 pcs.	pc.
ZIN25-7016	Galvanized steel inspection hatch	500 x 250 mm	460 x 210 mm	6 pcs.	120 pcs.	pc.
ZIN25-7017	Galvanized steel inspection hatch	500 x 300 mm	460 x 260 mm	6 pcs.	104 pcs.	pc.

### DESCRIPTION

Designed to cover gas meters.  
Frame flush for the wall.  
Packed in box

### MATERIAL

Made of galvanized sheet metal, it is particularly resistant to ageing caused by exposure to the atmospheric elements.

### USE

It is used to cover and protect electric counters recessed in the wall, allowing the meter reading.



## GALVANIZED STEEL WATER HATCH

Code	Product	External Misures (b x h)	Hatch Misures (b x h)	Pkg.	Pallet	UM
ZIN24-7017B	Galvanized steel water hatch	400 x 300 mm	360 x 260 mm	6 pcs.	288 pcs.	pc.
ZIN24-7018	Galvanized steel water hatch	500 x 400 mm	460 x 360 mm	6 pcs.	144 pcs.	pc.
ZIN24-7019	Galvanized steel water hatch	600 x 500 mm	560 x 460 mm	6 pcs.	144 pcs.	pc.

### DESCRIPTION

Designed to cover water meters.  
Frame flush for the wall, lock and key are included.  
Packed in box

### MATERIAL

Made of galvanized sheet metal, it is particularly resistant to ageing caused by exposure to the atmospheric elements.

### USE

It is used to cover and to protect electric counters recessed in the wall, allowing the meter reading.



## STAINLESS STEEL WATER HATCH

Code	Product	External Measures (b x h)	Hatch Measures (b x h)	Pkg.	Pallet	UM
ZIN24-7017BI	Stainless steel water hatch	400 x 300 mm	360 x 260 mm	6 pcs.	288 pcs.	pc.
ZIN24-7018I	Stainless steel water hatch	500 x 400 mm	460 x 360 mm	6 pcs.	144 pcs.	pc.
ZIN24-7019I	Stainless steel water hatch	600 x 500 mm	560 x 460 mm	6 pcs.	144 pcs.	pc.

### DESCRIPTION

Designed to cover water meters.  
Frame flush for the wall, lock and key are included.  
Packed in box

### MATERIAL

Made of stainless sheet metal, it is particularly resistant to ageing caused by exposure to the atmospheric elements.

### USE

It is used to cover and protect electric counters recessed in the wall, allowing the meter reading.



## GALVANIZED STEEL WATER BOX

Code	Product	mm (b x h)	Pkg.	Pallet	UM
ZIN20-7070	Galvanized steel water box	400 x 300 x 250	3 pcs.	24 pc.	pc.
ZIN20-7071	Galvanized steel water box	450 x 350 x 250	3 pcs.	36 pc.	pc.
ZIN20-7072	Galvanized steel water box	550 x 400 x 250	3 pcs.	24 pc.	pc.
ZIN20-7073	Galvanized steel water box	600 x 500 x 250	3 pcs.	9 pc.	pc.

### DESCRIPTION

Designed to cover water meters.  
Frame flush for the wall, lock and key are included.  
Packed in box.

### MATERIAL

Made of galvanized sheet metal, it is particularly resistant to ageing caused by exposure to the atmospheric elements.

### USE

It is used to cover and protect electric counters recessed in the wall, allowing the meter reading.





## BOX FOR GAS METER - GALVANIZED & STAINLESS STEEL

Code	Product	mm (b x h)	Pkg.	Pallet	UM
ZIN21-7006	Box for Gas Meter - Galvanized Steel	300 x 450 x 250	3 pcs.	24 pcs.	pc.
ZIN21-7006B	Box for Gas Meter - Galvanized Steel	350 x 450 x 250	3 pcs.	36 pcs.	pc.
ZIN21-7007	Box for Gas Meter - Galvanized Steel	300 x 500 x 250	3 pcs.	24 pcs.	pc.
ZIN21-7007B	Box for Gas Meter - Galvanized Steel	400 x 500 x 250	3 pcs.	24 pcs.	pc.
ZIN21-7003	Box for Gas Meter - Galvanized Steel	400 x 600 x 250	3 pcs.	12 pcs.	pc.
ZIN21-7005	Box for Gas Meter - Galvanized Steel	500 x 600 x 250	3 pcs.	9 pcs.	pc.
ZIN21-7004	Box for Gas Meter - Galvanized Steel	400 x 700 x 250	3 pcs.	9 pcs.	pc.
ZIN21-7006I	Box for Gas Meter - Stainless Steel	300 x 450 x 250	3 pcs.	24 pcs.	pc.
ZIN21-7006BI	Box for Gas Meter - Stainless Steel	350 x 450 x 250	3 pcs.	36 pcs.	pc.
ZIN21-7007I	Box for Gas Meter - Stainless Steel	300 x 500 x 250	3 pcs.	24 pcs.	pc.
ZIN21-7007BI	Box for Gas Meter - Stainless Steel	400 x 500 x 250	3 pcs.	24 pcs.	pc.
ZIN21-7003I	Box for Gas Meter - Stainless Steel	400 x 600 x 250	3 pcs.	12 pcs.	pc.
ZIN21-7005I	Box for Gas Meter - Stainless Steel	500 x 600 x 250	3 pcs.	9 pcs.	pc.
ZIN21-7004I	Box for Gas Meter - Stainless Steel	400 x 700 x 250	3 pcs.	9 pcs.	pc.

### DESCRIPTION

Designed to accommodate gas counters with ventilation slots, this box is equipped with simple lock and key.  
Item not provided with back hatch.  
Packed in carton box

### MATERIAL

Made of galvanized or stainless steel, it is particularly resistant to shocks and ageing caused by exposure to the atmospheric elements.

### USE

It is used to contain gas meters, to protect them from tampering and/or vandalism and to allow the meter reading and maintenance.



## ELECTRICITY INSPECTION BOX

Code	Product	mm (b x h)	Pkg.	Pallet	UM
TER31-7096	Electricity inspection box 1 P	232 x 420 x 210	1 pc.	30 pcs.	pc.
TER31-7097	Electricity inspection box 2 P	390 x 420 x 230	1 pc.	14 pcs.	pc.
TER31-7095	Electricity inspection box 4 P	685 x 640 x 235	1 pc.	8 pcs.	pc.
TER31-7098	Support pole*	1.420 x ø 120	1 pc.	-	pc.
TER31-7099	Pole bracket*	-	1 pc.	-	pc.

### DESCRIPTION

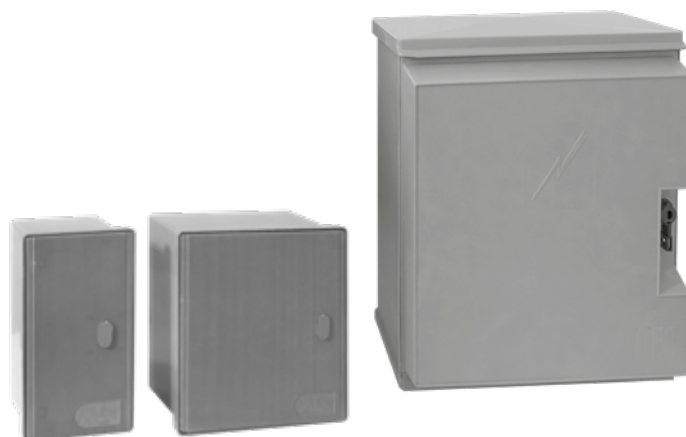
It is designed to fit electricity meters, equipped with anti-condensation protection IP, double bit lock and supplied with a key internal set up for connection of the counters, according to energy norms.  
Packed in box

### MATERIAL

Made of polyester resin, it is particularly resistant to shock and ageing caused by exposure to the atmospheric elements.

### USE

It is used to accommodate individual or double electricity meters, to protect them from tampering and/or vandalism and to allow the periodic reading and maintenance.



\*Do not match with product TER31-7095

## BACK HATCH FOR GAS METER BOX - GALVANIZED & STAINLESS STEEL

Code	Product	mm (b x h)	Pkg.	Pallet	UM
ZIN22-7023	Back hatch for gas meter box - Galvanized Steel	300 x 450	1 pc.	-	pc.
ZIN22-7023B	Back hatch for gas meter box - Galvanized Steel	350 x 450	1 pc.	-	pc.
ZIN22-7024	Back hatch for gas meter box - Galvanized Steel	300 x 500	1 pc.	-	pc.
ZIN22-7025	Back hatch for gas meter box - Galvanized Steel	400 x 500	1 pc.	-	pc.
ZIN22-7026	Back hatch for gas meter box - Galvanized Steel	400 x 600	1 pc.	-	pc.
ZIN22-7028	Back hatch for gas meter box - Galvanized Steel	500 x 600	1 pc.	-	pc.
ZIN22-7027	Back hatch for gas meter box - Galvanized Steel	400 x 700	1 pc.	-	pc.
ZIN22-7023I	Back hatch for gas meter box - Stainless Steel	300 x 450	1 pc.	-	pc.
ZIN22-7023BI	Back hatch for gas meter box - Stainless Steel	350 x 450	1 pc.	-	pc.
ZIN22-7024I	Back hatch for gas meter box - Stainless Steel	300 x 500	1 pc.	-	pc.
ZIN22-7025I	Back hatch for gas meter box - Stainless Steel	400 x 500	1 pc.	-	pc.
ZIN22-7026I	Back hatch for gas meter box - Stainless Steel	400 x 600	1 pc.	-	pc.
ZIN22-7028I	Back hatch for gas meter box - Stainless Steel	500 x 600	1 pc.	-	pc.
ZIN22-7027I	Back hatch for gas meter box - Stainless Steel	400 x 700	1 pc.	-	pc.

### DESCRIPTION

Designed with shaped edges for an easy assembling with galvanized or stainless steel gas meter box  
Not packed.

### MATERIAL

Made of galvanized or stainless steel, it is particularly resistant to shocks and ageing caused by exposure to the atmospheric elements.

### USE

It is used as complementary element of gas meter boxes, in case of positioning on poles, nets or fences.



## GALVANIZED BACK HATCH FOR METER BOX

Code	Product	mm (b x h)	Pkg.	Pallet	UM
		b x h			
ZIN20-7700	Galvanized back hatch for water meter box	400 x 300	6 pcs.	-	pc.
ZIN20-7710	Galvanized back hatch for water meter box	450 x 350	6 pcs.	-	pc.
ZIN20-7720	Galvanized back hatch for water meter box	550 x 400	6 pcs.	-	pc.
ZIN20-7730	Galvanized back hatch for water meter box	600 x 500	6 pcs.	-	pc.

### DESCRIPTION

Designed with shaped edges for an easy assembling with galvanized steel water meter box  
Not packed.

### MATERIAL

Made of galvanized steel, it is particularly resistant to shocks and ageing caused by exposure to the atmospheric elements.

### USE

It is used as complementary element of water meter boxes, in case of positioning on poles, nets or fences.



## CHAMFERS FOR PILLARS

Code	Product	mm (b x h)	Pkg.	Pallet	UM
PRO02-1600P	Chamfers for Pillars	21 x 10 x 2.000	100 m	100 cf.	cf.
PRO02-1601P	Chamfers for Pillars	28 x 15 x 2.000	100 m	100 cf.	cf.

### DESCRIZIONE

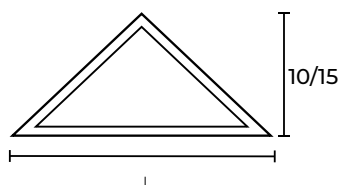
The chamfer is manufactured in 2-meter bars from thermosetting plastic. Used in carpentry to prevent concrete from detaching from the corner edges of concrete pillars.

### MATERIALE

Made of thermoset plastic.

### UTILIZZO

Employee to consolidate and round off the edges of the pillars



## CHAMFERS FINNED FOR PILLARS

Code	Product	mm	Pkg.	Pallet	UM
PRO02-1603	Chamfers finned for pillars	22 x 10 x 2.000	100 m	100 boxes	box
PRO02-1603A	Chamfers finned for pillars	32 x 15 x 2.000	100 m	100 boxes	box

### DESCRIPTION

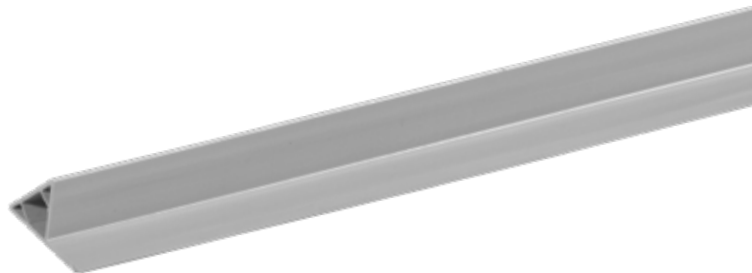
2 meters long bar.

### MATERIAL

Made of thermoset plastic.

### USE

Specific use in construction.



## BALCONY DRIP PROTECTION

Code	Product	mm	Pkg.	Pallet	UM
PRO02-1604	Balcony drip protection	20 x 12 x 2.000	100 m	200 boxes	box
PRO02-1605	Balcony drip protection	30 x 15 x 2.000	100 m	100 boxes	box

### DESCRIPTION

2 meters long bar.

### MATERIAL

Made of thermoset plastic.

### USE

Specific use in construction.



# TOWER SHAPED SPACER FOR FORMWORK

Code	Product	mm	ø rebar	Pkg.	Pallet	UM
PRO12-1663	Tower shaped spacer for formwork	h. 10	4 / 12	2.000 pcs.	30.000 pcs.	pc.
PRO12-1664	Tower shaped spacer for formwork	h. 15	4 / 12	1.800 pcs.	27.000 pcs.	pc.
PRO12-1665	Tower shaped spacer for formwork	h. 20	4 / 12	1.500 pcs.	22.500 pcs.	pc.
PRO12-1666	Tower shaped spacer for formwork	h. 25	4 / 12	1.500 pcs.	22.500 pcs.	pc.
PRO12-1667	Tower shaped spacer for formwork	h. 30	4 / 12	1.000 pcs.	15.000 pcs.	pc.
PRO12-1668	Tower shaped spacer for formwork	h. 40	6 / 14	500 pcs.	22.500 pcs.	pc.

## DESCRIPTION

The tower-shaped design allows the laying of the reinforcement cages.  
Packed in box

## MATERIAL

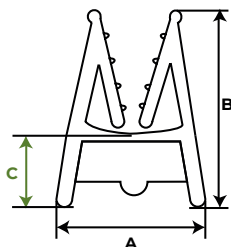
Made of thermoset plastic.

## USE

Specific use in construction.

It allows the installation of rebar, maintaining the correct distance for the "concrete cover".

Code	a	b	c	
PRO12-1663	20	30	10	mm
PRO12-1664	20	40	15	mm
PRO12-1665	24	45	20	mm
PRO12-1666	25	49	25	mm
PRO12-1667	33	52	30	mm
PRO12-1668	42	60	40	mm



# ROUND SPACER FOR FORMWORK

Code	Product	mm	ø rebar	Pkg.	Pallet	UM
PRO12-1658	Round spacer for formwork	h. 10	4 / 8	2.000 pcs.	100.000 pcs.	pc.
PRO12-1658B	Round spacer for formwork	h. 15	4 / 8	1.000 pcs.	50.000 pcs.	pc.
PRO12-1659	Round spacer for formwork	h. 20	4 / 8	1.000 pcs.	30.000 pcs.	pc.
PRO12-1659B	Round spacer for formwork	h. 25	4 / 12	1.000 pcs.	20.000 pcs.	pc.
PRO12-1657	Round spacer for formwork	h. 30	4 / 12	1.000 pcs.	20.000 pcs.	pc.
PRO12-1657B	Round spacer for formwork	h. 40	6 / 14	500 pcs.	22.500 pcs.	pc.

## DESCRIPTION

Its round shape allows the installation of reinforcement cages.  
Packed in box

## MATERIAL

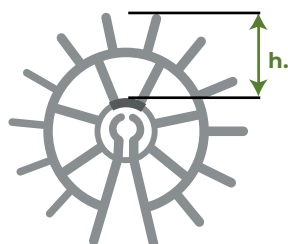
Made of thermoset plastic.

## USE

Specific use in construction.

It allows the installation of rebar, maintaining the correct distance for the "concrete cover".

Code	h.	
PRO12-1658	10	mm
PRO12-1658B	15	mm
PRO12-1659	20	mm
PRO12-1659B	25	mm
PRO12-1657	30	mm
PRO12-1657B	40	mm





## DISTANCE SPACER TUBE

Code	Product	mm	Pkg.	Pallet	UM
PRO23-1664C	Distance spacer tube	ø 20 x 150	100 pcs.	2.000 pcs.	pc.
PRO23-1665C	Distance spacer tube	ø 20 x 200	100 pcs.	2.000 pcs.	pc.
PRO23-1666C	Distance spacer tube	ø 20 x 250	100 pcs.	1.500 pcs.	pc.
PRO23-1667C	Distance spacer tube	ø 20 x 300	100 pcs.	1.500 pcs.	pc.
PRO23-1668C	Distance spacer tube	ø 20 x 350	100 pcs.	1.500 pcs.	pc.
PRO23-1669C	Distance spacer tube	ø 20 x 400	100 pcs.	1.500 pcs.	pc.
PRO23-1670C	Distance spacer tube	ø 20 x 450	100 pcs.	1.500 pcs.	pc.
PRO23-1671C	Distance spacer tube	ø 20 x 500	100 pcs.	1.500 pcs.	pc.

### DESCRIPTION

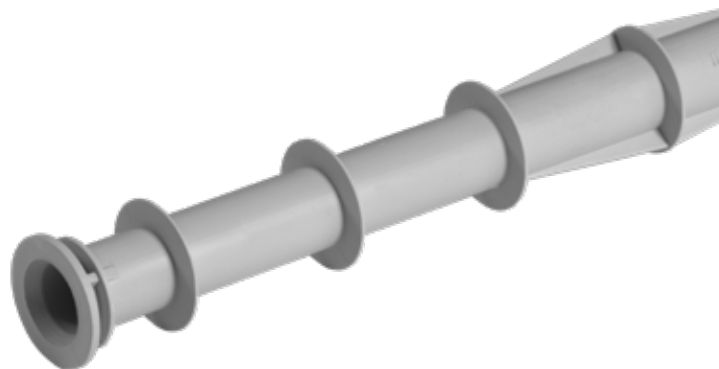
Designed with a round shape, it allows the installation in the formwork.  
Packed in box

### MATERIAL

Made of thermoset plastic.

### USE

Specific use in construction.  
It keeps the formwork at same distance (in horizontal way) during casting.



## BRIDGE SHAPED SPACER FOR FORMWORK

Code	Product	mm	Pkg.	Pallet	UM
PRO12-1215N	Bridge shaped spacer for formwork	h 15 l=2.000	100 m	77 boxes	box
PRO12-1220N	Bridge shaped spacer for formwork	h 20 l=2.000	100 m	63 boxes	box
PRO12-1225N	Bridge shaped spacer for formwork	h 25 l=2.000	100 m	56 boxes	box
PRO12-1230N	Bridge shaped spacer for formwork	h 30 l=2.000	100 m	42 boxes	box
PRO12-1235N	Bridge shaped spacer for formwork	h 35 l=2.000	60 m	60 boxes	box
PRO12-1240N	Bridge shaped spacer for formwork	h 40 l=2.000	60 m	40 boxes	box
PRO12-1250NN	Bridge shaped spacer for formwork	h 50 l=2.000	60 m	28 boxes	box

### DESCRIPTION

Its shape allows installation in bridge formwork.

### MATERIAL

Made of thermoset plastic.

### USE

Specific use in construction.  
It keeps the formwork at same distance (in vertical way) during the pour of concrete.



## RIGID TUBE FOR PANELS

Code	Ref.	Product	mm	Pkg.	Pallet	UM
PRO17-1625	01	Rigid tube for panels	ø 20 x 2.000	50 m	100 boxes	box
PRO17-1626	01	Rigid tube for panels	ø 22 x 2.000	50 m	100 boxes	box
PRO11-1653	02	Cap for rigid tube for panels	ø 20	1.000 pcs.	-	pc.
PRO11-1654	02	Cap for rigid tube for panels	ø 22	1.000 pcs.	-	pc.
PRO11-1655	03	Washer for rigid tube for panels	ø 20	500 pcs.	21.500 pcs.	pc.
PRO11-1656	03	Washer for rigid tube for panels	ø 22	1.000 pcs.	49.000 pcs.	pc.

### DESCRIPTION

2 meters long bar.

Supplied in plastic bags (plugs and washers).

### MATERIAL

Made of thermoset plastic.

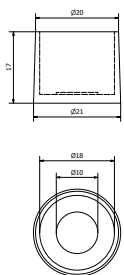
### USE

Specific use in construction.

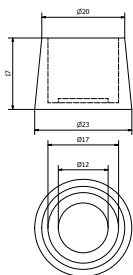
It keeps the formwork at same distance (in horizontal way) during the pour of concrete.

Cap and washer used in the construction industry, to close pipe lines.

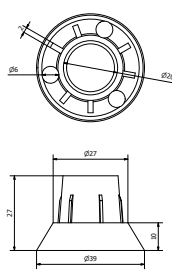
PRO11-1653



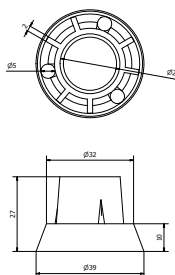
PRO11-1654



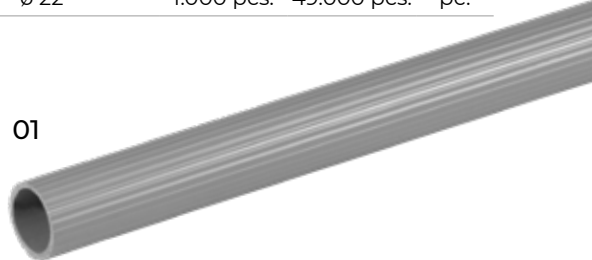
PRO11-1655



PRO11-1656



01



02



03



## ROUND SPACER TUBE

Code	Ref.	Product	mm	Pkg.	Pallet	UM
PRO17-1623	01	Round spacer tube	ø 9 x 2.000	100 m	150 boxes	box
PRO17-1624	01	Round spacer tube	ø 12 x 2.000	100 m	100 boxes	box
PRO11-1651	02	End cap for round spacer tube	ø 9	1.000 pcs.	-	pc.
PRO11-1652	02	End cap for round spacer tube	ø 12	1.000 pcs.	-	pc.

### DESCRIPTION

2 meters long bars, ø 9/12 mm finned.

2 meters long bars, ø 30 mm dish.

Supplied in plastic bags (finned), ø 9 mm and 12 mm.

Supplied in plastic bags (oval), ø 30 mm.

### MATERIAL

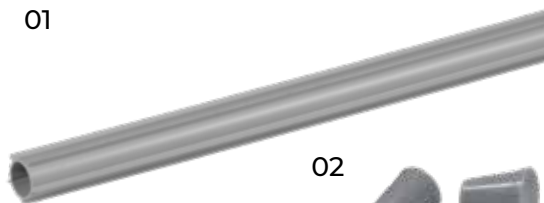
Made of thermoset plastic.

### USE

Specific use in construction.

It keeps the formwork horizontally at same distance during the pour of concrete.

01



02



# DRAINING WATER OUTLET WITH PERFORATED FLANGE

Code	Product	mm	Pkg.	Pallet	UM
BOC01-1109F	Draining water outlet with perforate flange	ø 63	25 pcs.	150 pcs.	pc.
BOC01-1109SF	Draining water outlet with perforate flange	ø 75	25 pcs.	150 pcs.	pc.
BOC01-1110F	Draining water outlet with perforate flange	ø 80	25 pcs.	150 pcs.	pc.
BOC01-1110SF	Draining water outlet with perforate flange	ø 90	25 pcs.	150 pcs.	pc.
BOC01-1111F	Draining water outlet with perforate flange	ø 100	20 pcs.	120 pcs.	pc.
BOC01-1111SF	Draining water outlet with perforate flange	ø 110	20 pcs.	120 pcs.	pc.
BOC01-1112F	Draining water outlet with perforate flange	ø 120	20 pcs.	120 pcs.	pc.

## DESCRIPTION

This draining water outlet consists in a perforated flange to improve the connection to the waterproofing membrane.

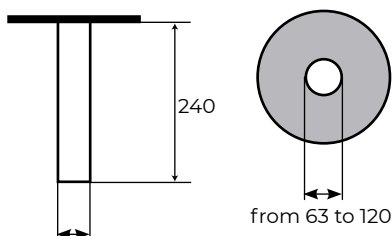
Tube has a length of 240 mm and diameters from 63 to 120 mm.

## MATERIAL

Made of TPE (thermoplastic elastomer).

## USE

Used for vertical evacuation of rainwater in flat roofs.



from 63 to 120



# DRAINING WATER OUTLET

Code	Product	mm	Pkg.	Pallet	UM
BOC01-1109	Draining water outlet	ø 63	25 pcs.	150 pcs.	pc.
BOC01-1109S	Draining water outlet	ø 75	25 pcs.	150 pcs.	pc.
BOC01-1110	Draining water outlet	ø 80	25 pcs.	150 pcs.	pc.
BOC01-1110S	Draining water outlet	ø 90	25 pcs.	150 pcs.	pc.
BOC01-1111	Draining water outlet	ø 100	20 pcs.	120 pcs.	pc.
BOC01-1111S	Draining water outlet	ø 110	20 pcs.	120 pcs.	pc.
BOC01-1112	Draining water outlet	ø 120	20 pcs.	120 pcs.	pc.

## DESCRIPTION

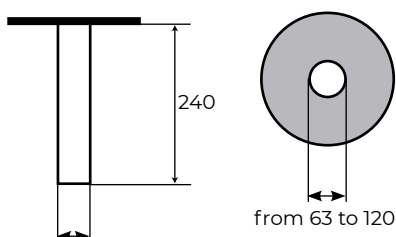
This draining water outlet consists in a flange, tube has a length of 240 mm and diameters from 63 to 120 mm.

## MATERIAL

Made of TPE (thermoplastic elastomer).

## USE

Used for vertical evacuation of rainwater in flat roofs.



from 63 to 120



## PVC DRAINING WATER OUTLET

Code	Product	mm	Pkg.	Pallet	UM
BOC05-1110P	PVC draining water outlet	ø 80	25 pcs.	300 pcs.	pc.
BOC05-1111P	PVC draining water outlet	ø 100	25 pcs.	300 pcs.	pc.
BOC05-1111SP	PVC draining water outlet	ø 110	25 pcs.	350 pcs.	pc.
BOC05-1112P	PVC draining water outlet	ø 125	18 pcs.	216 pcs.	pc.

### DESCRIPTION

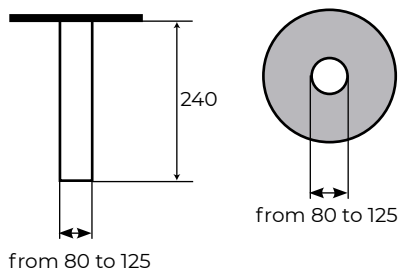
This draining water consists in a flange and a tube to 240 mm length and variable diameter 80, 100, 110 and 125 mm.

### MATERIAL

Made of PVC (RAL 9002).

### USE

Used for vertical evacuation of rainwater in flat roofs.



## LEAF-GRATE

Code	Product	mm	Pkg.	Pallet	UM
BOC10-1113	Plastic leaf-grate	from 80 to 125	100 pcs.	1.600 pcs.	pc.
BOC11-1114	Galvanized steel leaf-grate	from 80 to 125	20 pcs.	1.440 pcs.	pc.

### DESCRIPTION

Leaf-grate "universal" of variable diameter.

### MATERIAL

Made of PP (polypropylene) or galvanized steel.

### USE

Used to cover roof/terrace draining outlet or downpipes to avoid obstruction caused by leaves, debris or other small objects.





## DRAINING WATER OUTLET "SHORT"

Code	Product	Dimensions outlet mm	Pkg.	Pallet	UM
BOC02-1118	Draining water outlet "Short"	48 x 56	20 pcs.	240 pcs.	pc.

### DESCRIPTION

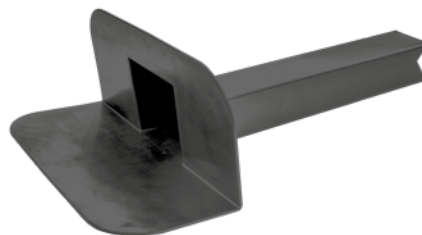
This draining outlet consists of a flange corner and a tube of square shape 48 x 56 mm and long 345 mm.

### MATERIAL

Made of TPE (thermoplastic elastomer).

### USE

Used for the complete evacuation of rainwater in roof.



## ROUND DRAINING WATER OUTLET

Code	Product	Dimensions outlet mm	Pkg.	Pallet	UM
BOC02-1115T8	Round draining water outlet	ø 80	20 pcs.	200 pcs.	pc.
BOC02-1115T10	Round draining water outlet	ø 100	16 pcs.	160 pcs.	pc.

### DESCRIPTION

This draining outlet consists in a corner flange and a circular tube long 500 mm.

### MATERIAL

Made of TPE (thermoplastic elastomer).

### USE

Used for the complete evacuation of rainwater in roof.



## SQUARE DRAINING WATER OUTLET

Code	Product	Dimensions outlet mm	Pkg.	Pallet	UM
BOC02-1115	Draining water outlet	100 x 100	12 pcs.	120 pcs.	pc.
BOC02-1116RA	Corner connection 100 x 100	ø 80	10 pcs.	800 pcs.	pc.
BOC02-1117	Corner connection 100 x 100	ø 100	10 pcs.	800 pcs.	pc.

### DESCRIPTION

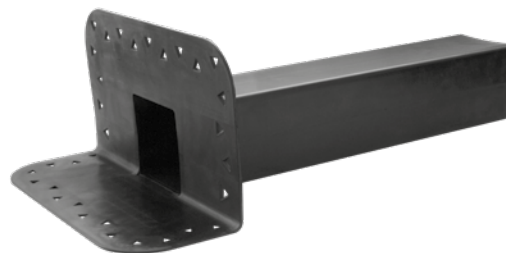
This draining outlet consists in a flange corner and a square tube of 100 x 100 mm and long 500 mm.

### MATERIAL

Made of TPE (thermoplastic elastomer).

### USE

Used for the complete evacuation of rainwater in roof.



## OPEN PLASTIC COMPOSITE TOP DRAINER

Code	Product	mm	Pkg.	Pallet	UM
TER03-8080B	White open marble plastic top drainer	270 x 80	30 pcs.	360 pcs.	pc.
TER03-8080G	Grey open marble plastic top drainer	270 x 80	30 pcs.	360 pcs.	pc.
TER03-8080R	Red open marble plastic top drainer	270 x 80	30 pcs.	360 pcs.	pc.

### DESCRIPTION

Drip open for balconies or for overhanging elements, available in white, grey or red colours.

Product features:

- impermeability to liquids and moisture;
- frost resistance;
- excellent resistance to weathering;
- easy to install.

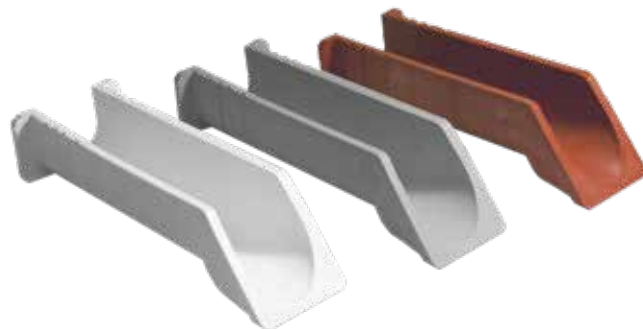
The drip is 27 cm long and its particular shape allows, with a simple cut, to reduce the length to 23 cm.

### MATERIAL

Made of plastic composite.

### USE

Used for drainage in balconies, flat roofs, projecting roofs and architectural elements.



## CLOSED PLASTIC COMPOSITE TOP DRAINER

Code	Product	mm	Pkg.	Pallet	UM
TER03-8082B	White closed marble plastic drainer	270 x 80	25 pcs.	750 pcs.	pc.
TER03-8082G	Grey closed marble plastic drainer	270 x 80	25 pcs.	750 pcs.	pc.
TER03-8082R	Red closed marble plastic drainer	270 x 80	25 pcs.	750 pcs.	pc.

### DESCRIPTION

Drip closed for balconies, available in white, grey or red colours.

Product features:

- impermeability to liquids and moisture;
- frost resistance;
- excellent resistance to weathering;
- easy to install.

The drip is 27 cm long and its particular shape allows, with a simple cut, to reduce the length to 23 cm.

### MATERIAL

Made of plastic composite.

### USE

Used for drainage in balconies, flat roofs, projecting roofs and architectural elements.



## OPEN MARBLE COMPOSITE TOP DRAINER

Code	Product	mm	Pkg.	Pallet	UM
COP01-8031B	White open marble ceramic top drainer	200 x 60	72 pcs.	864 pcs.	pc.
COP01-8031G	Grey open marble ceramic top drainer	200 x 60	72 pcs.	864 pcs.	pc.
COP01-8031R	Red open marble ceramic top drainer	200 x 60	72 pcs.	864 pcs.	pc.
COP01-8032B	White open marble ceramic top drainer	230 x 80	48 pcs.	576 pcs.	pc.
COP01-8032G	Grey open marble ceramic top drainer	230 x 80	48 pcs.	576 pcs.	pc.
COP01-8032R	Red open marble ceramic top drainer	230 x 80	48 pcs.	576 pcs.	pc.
COP01-8033B	White open marble ceramic top drainer	270 x 80	30 pcs.	360 pcs.	pc.
COP01-8033G	Grey open marble ceramic top drainer	270 x 80	30 pcs.	360 pcs.	pc.
COP01-8033R	Red open marble ceramic top drainer	270 x 80	30 pcs.	360 pcs.	pc.

### DESCRIPTION

Drip open for balconies, available in white, grey or red colours.

Product features:

- impermeability to liquids and moisture;
- frost resistance;
- excellent resistance to weathering;
- easy to install.

### MATERIAL

Made of marble composite.

### USE

Used for drainage in balconies, flat roofs, projecting roofs and architectural elements.



## CLOSED MARBLE COMPOSITE TOP DRAINER

Code	Product	mm	Pkg.	Pallet	UM
COP01-8041B	White closed marble ceramic top drainer	230 x 80	36 pcs.	432 pcs.	pc.
COP01-8041G	Grey closed marble ceramic top drainer	230 x 80	36 pcs.	432 pcs.	pc.
COP01-8041R	Red closed marble ceramic top drainer	230 x 80	36 pcs.	432 pcs.	pc.
COP01-8042B	White closed marble ceramic top drainer	270 x 80	21 pcs.	252 pcs.	pc.
COP01-8042G	Grey closed marble ceramic top drainer	270 x 80	21 pcs.	252 pcs.	pc.
COP01-8042R	Red closed marble ceramic top drainer	270 x 80	21 pcs.	252 pcs.	pc.

### DESCRIPTION

Drip closed for balconies, available in white, grey or red colours.

Product features:

- impermeability to liquids and moisture;
- frost resistance;
- excellent resistance to weathering;
- easy to install.

### MATERIAL

Made of marble composite.

### USE

Used for drainage in balconies, flat roofs, projecting roofs and architectural elements.





The **Indoor** section contains a wide and complete range of solutions for the home interior: door frames, tile leveler systems, spacers for tiles, glass blocks, luxury vinyl tiles and accessories for floorings and balconies.

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