



**DAKOTA**

# external floating floors support

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## Outdoor External floating floor supports

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- 2. Arkimede
  - 4. Arkimede Nano
  - 6. Accessories
  - 8. 3D Telescopic
  - 12. Accessories
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With a unique variety of machineries (molding capacity up to 20 tons) and the use of various plastic materials, we manufacture a unequal range of technical articles for the building industry.

Our production includes catch-pits, gratings, manholes, anchors, channels... just have a look at the full catalogue to see the whole offer.

Post production custom made additional services such as: laser printing with your own brand, labelling, barcoding and personalized packaging are available at all times.

The **Outdoor** offer includes a wide range of products and accessories for the External Housing System.

The articles of this section are available in different materials, designs and sizes created to satisfy and solve the end user needs in terms of aeration, in the housing of thermohydraulic systems, in the finishing and in the external outflow of rainwater.

### External floating floors Supports:

Discover our range of adjustable supports for external raised flooring and their accessories.

- The Arkimede Line: starting from 18 mm height, for quick and easy adjustments.
- 3D-Scopic System: a range for heights between 35 mm to 500 mm. Fixed and self-leveling heads available.

head  
for joist



# Arkimede

## Adjustable Support

ARKIMEDE support with adjustable height starting from 35 mm. Base laying surface: 314 cm<sup>2</sup>. Head diameter: 120 mm with a laying surface of 113 cm<sup>2</sup>. Available versions:

- Box composed by the base, rotating nut and head with 4 spacer tabs of 2 mm thickness.
- Box composed by the base, rotating nut and head with 4 spacer tabs of 4 mm thickness.
- Box composed by the base, rotating nut and head with 1 tab for joists.

The base allows the correct water drainage.

Extensions for adjustable support ARKIMEDE with 25, 50 and 100 mm height available.

All of the products are made of PP (polypropylene)

*For external areas, terraces, pavements use. You can also use the extensions to increase the height of the adjustable support ARKIMEDE.*



HEAD FOR TILES



HEAD FOR JOIST



h.25 mm



h.50 mm



h.100 mm

Code	Product	mm	Pkg.	Pallet	UM
TER09-1143/4A2M	ARKIMEDE - Spacer tabs thickness 2 mm h. 10 mm	from 35 to 60	30	1.200	pcs.
TER09-1143/4A4M	ARKIMEDE - Spacer tabs thickness 4 mm h. 10 mm	from 35 to 60	30	1.200	pcs.
TER09-1143/1A	ARKIMEDE - Head for joists	from 35 to 60	30	1.200	pcs.
TER09-1143/P25	ARKIMEDE - Extension 25 mm	25	30	2.150	pcs.
TER09-1143/P50	ARKIMEDE - Extension 50 mm	50	30	1.620	pcs.
TER09-1143/P100	ARKIMEDE - Extension 100 mm	100	30	1.200	pcs.

# Arkimede Nano

## Adjustable Support

ARKIMEDE Nano support with adjustable height starting from 18 mm. Base laying surface: 314 cm<sup>2</sup>. Head diameter: 120 mm with a laying surface of 113 cm<sup>2</sup>. Available versions:

- Box composed by the base, rotating nut and head with 4 spacer tabs of 2 mm thickness.
- Box composed by the base, rotating nut and head with 4 spacer tabs of 4 mm thickness.
- Box composed by the base, rotating nut and head with 1 tab for joists.

The base allows the correct water drainage.

Extension for adjustable support ARKIMEDE with 9 mm height available.

All of the products are made of PP (polypropylene)

*For external areas, terraces, pavements use. You can also use the extension to increase the height of the adjustable support ARKIMEDE.*



HEAD FOR TILES



HEAD FOR JOISTS



h.9 mm

Code	Product	mm	Pkg.	Pallet	UM
TER09-1145/4A2M	ARKIMEDE - Spacer tabs thickness 2 mm h. 10 mm	from 18 to 36	30	1.350	pcs.
TER09-1145/4A4M	ARKIMEDE - Spacer tabs thickness 4 mm h. 10 mm	from 18 to 36	30	1.350	pcs.
TER09-1145/1A	ARKIMEDE - Head for joists	from 18 to 36	30	1.200	pcs.
TER09-1145/P9	ARKIMEDE - Extension 9 mm	9	30	3.780	pcs.

head  
for tiles





## Accessories

### Arkimede Line

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UNIVERSAL CLIP FOR  
LATERAL LAYING



CLIP FOR VERTICAL  
FINISHING



ANTI-NOISE RUBBER  
SHIM - ARKIMEDE



ANTI-NOISE  
RUBBER MAT



CLEVER



FIN FOR WOOD





## Accessories

### Arkimede Line

**Stainless Steel Universal Clip For Lateral Laying** 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 for application with all Dakota floating supports: Arkimede, Arkimede Nano and 3d-Scopic.

**Clip For Vertical Finishing** that allows, in the installation of floating floors, the finishing of the perimeter space in the absence of a lateral wall. Specifically designed for the application only with the Arkimede lines supports.

**Anti-Noise Rubber Shim - Arkimede.** Diameter 120 mm, thickness 2 mm.

**Anti-Noise Rubber Mat** is a sound absorbing rubber mat for Arkimede range telescopic support. Thickness 3 mm.

## Clever

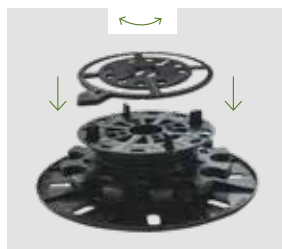
Leveling rubber disc for sloping compensation. Diameter 120 mm, available in 3 different sizes for 1%, 3% and 5% slopes. Made of thermoplastic rubber.

*Clever allows the compensation of slopes from 1% up to 5%. Just put it on the head of the support and twist it in the required direction for a final regulation*



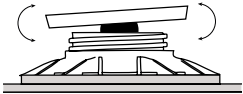
“

Clever guarantees a perfect flat surface and reduction of the walkover noise.”



# 3D Telescopic Supports

## Self Leveling Head



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).

All of the products are made of PP (polypropylene)

For external areas, terraces, pavements use.

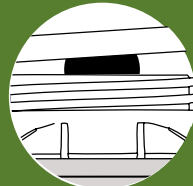


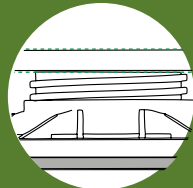
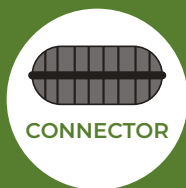
CONNECTOR



KEY

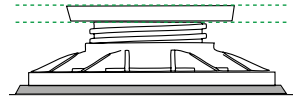
Code	Product	mm	Pkg.	Pallet	UM
TER09-1123055N1 ..... TER09-1123500N1	Self-leveling 3D Scopic tile provided with 4 wings for 2 mm slats	from 35 to 500	from 40 to 15	from 20 to 15	box
TER09-1123055N2 ..... TER09-1123500N2	Self-leveling 3D Scopic tile provided with 4 wings for 4 mm slats	from 35 to 500	from 40 to 15	from 20 to 15	box
TER09-1123CHI	Adjustment key for 3D Scopic tile support	-	1	-	pcs.





## 3D Telescopic Supports

### Fixed Head



3D-scopic tiles support with adjustable height from min. 35 to max. 500 mm according to the model. Each box includes a fixed head equipped with 4 wings of 10 mm, to be used for slats of 2 or 4 mm. Adjustment of the support of 1,5 mm for each rotation of 90° (equal to 5 shots). All of the products are made of PP (polypropylene)

For external areas, terraces, pavements use.



CONNECTOR



KEY

Code	Product	mm	Pkg.	Pallet	UM
TER09-1123055P1 ..... TER09-1123500P1	Fixed 3D Scopic tile support provided with 4 wings for 2 mm slats	from 35 to 500	from 40 to 15	from 20 to 15	box
TER09-1123055P2 ..... TER09-1123500P2	Fixed 3D Scopic tile support provided with 4 wings for 4 mm slats	from 35 to 500	from 40 to 15	from 20 to 15	box
TER09-1123CHI	Adjustment key for 3D Scopic tile support	-	1	-	pc.

## Accessories

### 3D Telescopic Line

**Fin For Wood** 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 and for the new Arkimede products. It allows to position elements from 40 mm to 80 mm width.

**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.

**Anti-noise rubber:** diameter of 120 mm – thickness: 2 mm

Placed in both the 3D-Scoping and Arkimede Support terminals.

**The Windproof kit** is composed by a fixing steel screw and washer and a Polyurethane adhesive gun. The screw and washer fix the supporting plates to the head of the 3D-Scopic.

The Polyurethane adhesive fixes the base of the support (up to 10 elements) to the surface that can be made of:

- Modified bitumen with granular structure
- EPDM.
- TPO.
- Metal.
- Bituminous membrane roofs with smooth surface.
- Layered roofs with granular surface.
- Cement.
- Wood.
- Aluminium.
- Stone.

FIN FOR WOOD



HEAD TO  
DK'S TILE



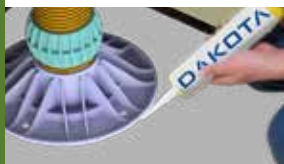
LOCKING RING



ANTI-NOISE  
RUBBER SHIM



WINDPROOF  
KIT







[www.dakota.eu](http://www.dakota.eu)

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