



DiaTurtle®

Height adjustable pedestal

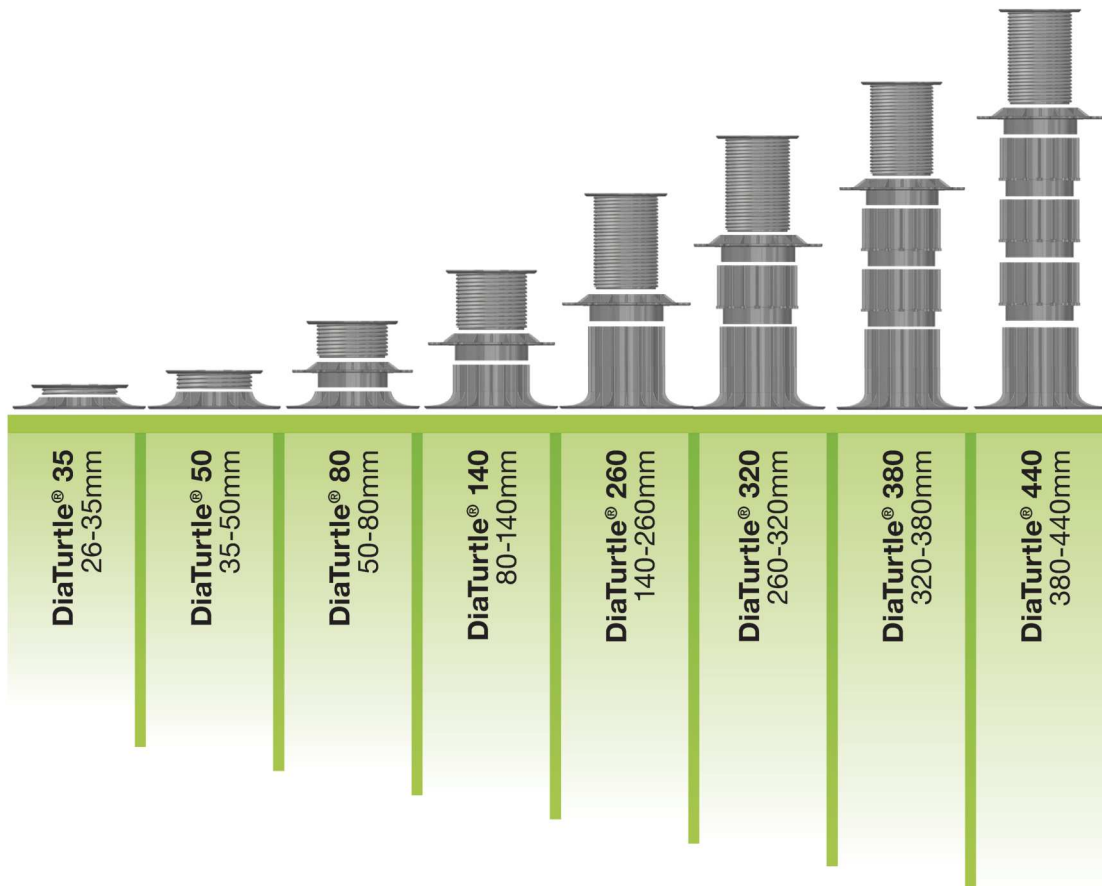
INTRODUCTION



PRODUCT DESCRIPTION

The DiaTurtle® height-adjustable pedestal is a product family made of PP (polypropylene). They are mainly used on building constructions under concrete slabs or under wooden decks; However, they can also be used on terraces, balconies, on technical equipments, garden terraces, city squares, in areas with vehicle traffic, under pool pavements, under indoor and outdoor floor coverings. Although its own weight is less than 0.5 kg, each individual pedestal can withstand even up to 1000kg load.

TECHNICAL DATA	DiaTurtle® height adjustable pedestals	
Height adjustment	26-440mm	
DT Top diameter	120mm	
DT Base diameter	200mm	
Load capacity	ca. 1000kg / pedestal	
Material	PP (Polypropylene)	



SEAMLESS MAINTENANCE

DiaTurtle® pedestals provide easy access for maintenance even after installation, such as under a simple floor covering or when replacing a tile. The joint crosses on the DiaTurtle® pedestals enable paving with open joints, so rebuilding the floor area is easy.



MASSIVENESS

Thanks to the struts on the side, the load capacity of the DiaTurtle® pedestal is up to 1000kg / pedestal.

APPLICABILITY

The rounded base of the DiaTurtle® does not damage the roof construction. It can also be used - with a suitable build-up - for terraces with smoking area.

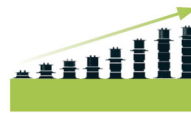
HIGH STABILITY

The wide base of the DiaTurtle® pedestals not only provide stability for the individual pedestals, and thus for the entire terrace or balcony surface, but also allows an even load distribution.



ADJUSTABLE HEIGHT

The height adjustment of the DiaTurtle® pedestals is possible between 26-440mm, depending on the type. As a result, the product line meets many different requirements.



EASY AND FAST INSTALLATION

The construction and installation of the DiaTurtle® pedestals are simple and requires no special expertise as they consist of a maximum of 6 components (DiaTurtle® 440). With the pluggable 60mm high extension elements (DT+), the pedestals can be installed quickly.



FROST-PROOF

The components of the product line DiaTurtle® pedestals can be installed regardless of the weather conditions.



COMPATIBILITY

The DiaTurtle® pedestals can be installed under any type of floor covering. With the help of the DT-J joint cross support, the pedestal can be used under floor tiles, gratings as well as under wooden / WPC coverings. In addition, different types of decking can be laid side by side on a given pedestal.

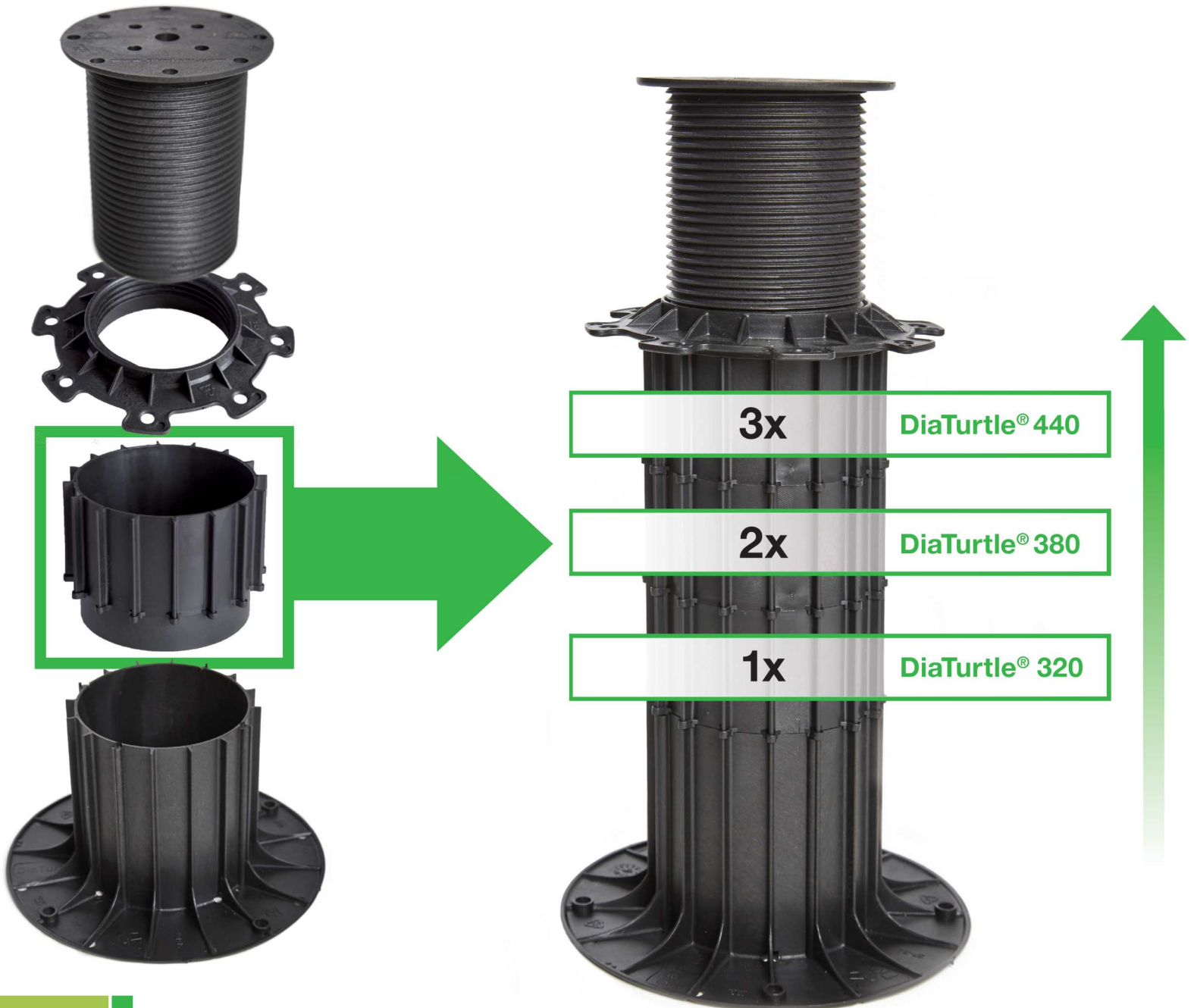


DURABILITY

The DiaTurtle® pedestals have high resistance to UV radiation, chemicals, biological and other influences; They are frost-resistant and bitumen-compatible, because of its extra strong material, polypropylene.



SYSTEM COMPONENTS	DiaTurtle® 35	DiaTurtle® 50	DiaTurtle® 80	DiaTurtle® 140	DiaTurtle® 260
	<p>DiaTurtle® 260 + = </p>		<p>DiaTurtle® 320 + 2 = </p>		<p>DiaTurtle® 380 + 3 = </p>





APPLICATION

With DiaTurtle® pedestals, all kinds of decking can be set exactly to a desired height. Laying concrete slabs or wood/WPC paving on pedestals without using grout or cement offers a number of advantages when constructing a terrace. A layer of air under the paving helps to protect the roof surface and cross-ventilation prevents algae growth, discolouration, efflorescence and discourages unwanted vegetation. The lack of gravel and a sand bed reduces load and sound emission. The space created under the paving makes it easier to lay and maintain wires and cables.



APPLICATION

1. STONE PAVEMENT

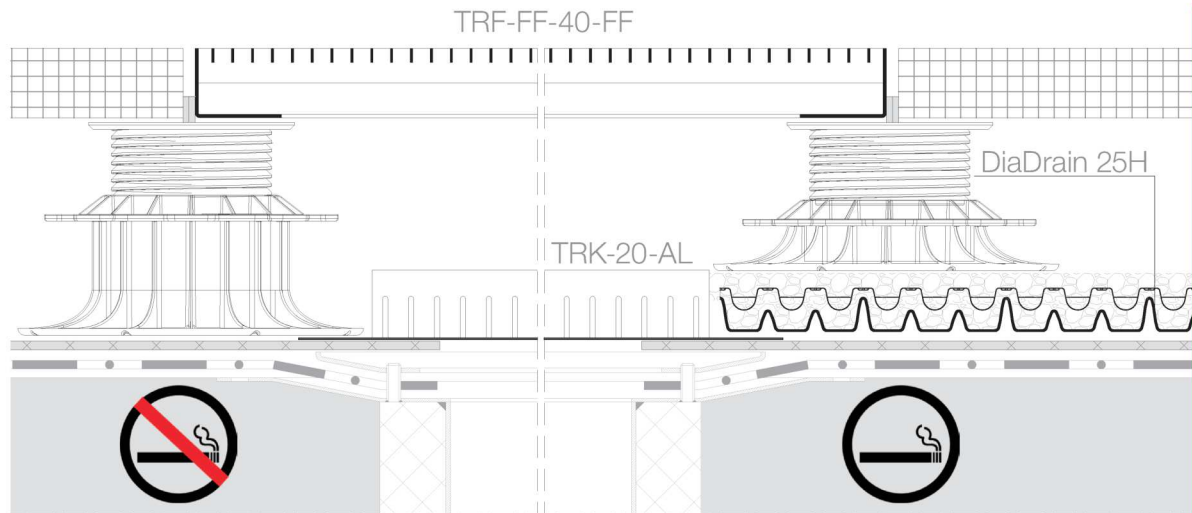
2. BROKEN GRAVEL

3. DD25H

4. VLS-500

5. WATERPROOFING

6. ROOF CONSTRUCTION

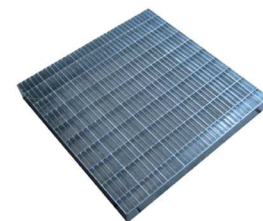


SYSTEM BUILD-UP

TERRACE GRILLS

TRF-FF-40-FF; TRF-FF-50-FF

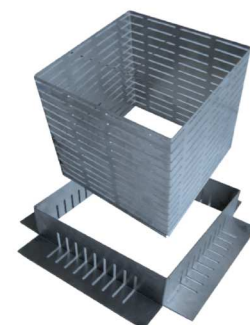
Positioned directly above a drain and flush with the terrace surface, these galvanised steel grills ensure fast drainage and can be fitted to pedestals so they do not require additional support. Sizes: 40/50x40/50x4cm.



GRAVEL BASKET AND GRAVEL BASKET EXTENSION

TRK-20-AL and TRK+AL

An aluminium frame (TRK-20) placed directly around the roof outlet with drainage holes, preventing gravel from the build-up from falling through, and protecting against other contaminants. The gravel basket extension (TRK+) is an aluminium frame with drainage holes that can be fitted to the gravel basket to extend the gravel basket's height up to 20cm, giving it a larger capacity to retain more unwanted material.



ADDITIONAL ACCESSORIES



ACCESSORIES



FIX PEDESTAL

DiaTurtle®-14-Fix (14mm), DiaTurtle®-18-Fix (18mm), DiaTurtle®-23-Fix (23mm)
Fix pedestals in different heights to support the decking for low installing height. The pedestals can fit into each other and have built-in tile support tabs.
Product number: 14mm: 610185; 18mm: 610186; 23mm: 610187



SPACER TAB DT-J50+, DT-J30 (3MM), DT-J50 (5MM)

Spacer tabs with 3 and 5mm standard width (5mm complies with the FBB guidelines). Can be ordered with 2, 6 and 8mm widths. The spacer tabs can be installed with one move to the height adjustable DiaTurtle® pedestals. Product number: 2mm: 610179; 3mm: 610180; 5mm: 610181; 6mm: 610182; 8mm: 610183

T-PROFILE

T-profile is a solution to invisibly fix the bottom construction of wood and WPC deckings.
Product number: 610184



SLOPE CORRECTOR DT-SC20 (2%), DT-SC30 (3%)

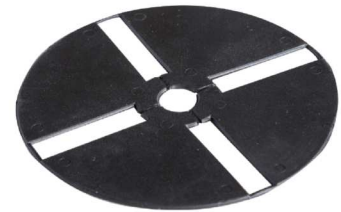
2% and 3% slope correction. By placing the pedestals on the slope correctors the roof's slope can be corrected. Combining the correctors can correct a deviation of 4% (2% + 2%) or 5% (2% + 3%). Product number: 2%: 610177; 3%: 610178



ACCESSORIES

LEVELING SHIM DT-SH10 (1,3MM), DT-SH20 (2MM)

Non-slip, flexible leveling shims with 1,3 and 2mm of thickness. Leveling shims is placed on top of the pedestal. It allows a minimum of 1% leveling and compensates the inequalities of tiles arising from production. Thanks to its weakened parts it can be divided to make more shims. Product number: 1,3mm: 610174; 2mm: 610175

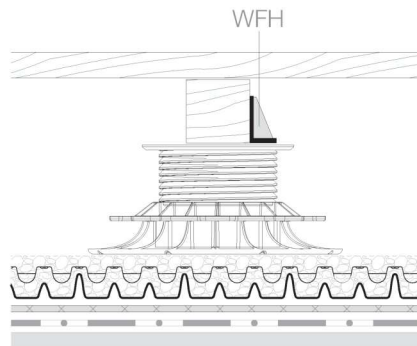


NOISE ABSORBING SHIM DT-SH50 (5MM)

The 5mm thick absorbing shim's flexible material provides noise absorption and stepnoise reduction on the cover surface. Shims are placed on the DiaTurtle® pedestal's top. It allows a minimal leveling and compensates the inequalities of tiles arising from production. Product number: 610176

BATTEN HOLDER DT-WF, DT-WFH

Batten holder with a height of 18 or 38mm. The holder can fix battens to the DiaTurtle® pedestals. By rotating the batten holder battens different widths can be fixed. Recommended quantity 38mm: 1pc/pedestal; 18mm: 2pcs/pedestal. Product number: 38mm: 610172; 18mm: 610173



DT+ HEIGHT EXTENSION ELEMENT

Height: 60mm. The DT+ height extension element allows a height increase to DiaTurtle® pedestals with an additional 60 mm. Product number: 040140

MATERIAL REQUIREMENT

MATERIAL REQUIREMENT

Material required based on tiles of different sizes:

40 x 40 cm: ca. 7,3 pcs/m²

50 x 50 cm: ca. 4,6 pcs/m²

60 x 60 cm: ca. 3,1 pcs/m²

Depends on the form of terrace surface.

SPECIFICATION
DIATURTLE®
HEIGHT ADJUSTABLE PEDESTAL

Height adjustable from ... mm to ... mm, heavy duty polypropylene pedestal, designed for concrete slabs/gratings and for terraces with wooden or WPC decking. Resistant to UV radiation, adverse weather and chemicals. Temperature range: -20°C up to 120°C. Top/base support: D 120/200mm; with rounded base plate to avoid pressure damage in the roof waterproofing; height: ...-... mm; Load-bearing capacity per pedestal: ca. 1000kg. Available accessories: DT-WF/DT-WFH batten holder; DT-SH10/DT-SH20 levelling shim (1.3mm/2mm); DT-SH50 Noise absorbing shim (5,0mm); DTSC20/DT-SC30 slope corrector (2%/3%); DT-J30/DT-J50 spacer tab as standard size; DT-J20/DT-J60/DT-J80 spacer tab as special size; DT T-profile for wooden and WPC decking.

Product: DiaTurtle®

Certificate of Origin (MCO): APP Kft.

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