

DiaTurtle®

Height adjustable pedestals

ADVANTAGES

- Easy-fit, pluggable 60 mm extension elements (DT+) ⇒ pedestals can be installed quickly and accurately, with no fine tuning or positioning necessary when adjusting height
- Spacer tab (Tile Cross) can also be used with tiles, gratings and wood or WPC terraces ⇒ same pedestal for all applications
- Rounded base ⇒ no damage to roof insulation
- Strengthening vertical ribs run up the full height of the pedestal ⇒ load capacity up to 1000 kg/pedestal
- Unhindered drainage with the open-jointed pavement using the 5 mm tile support tabs ⇒ compliance with the German Green Roof Association's (FBB) directive No.6.
- Leveling up to 5% ⇒ Slope correctors of 2% and 3% can be freely combined with each other
- High resistance to UV radiation, frost, chemicals, biological and other elements including bitumen ⇒ exceptionally sturdy polypropylene material
- Fast installation ⇒ Height adjustment from 26-440 mm



TECHNICAL DATA

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

DT Top diameter:	120 mm
DT Base diameter:	200 mm
Load capacity:	ca. 1000 kg / pedestal
Material:	Polypropylene

* Depends on the form of terrace surface.

SPECIFICATION

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. 1000 kg. 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.

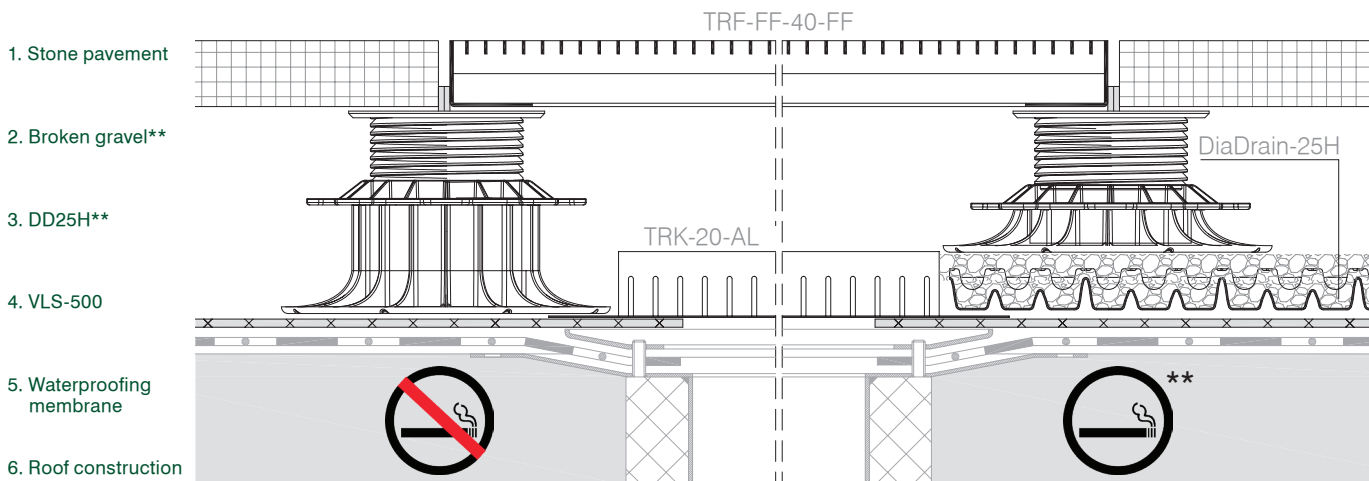
Product: DiaTurtle®
Certificate of Origin (MCO): APP Kft.
Web: www.diadem.com

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.



100% recyclable

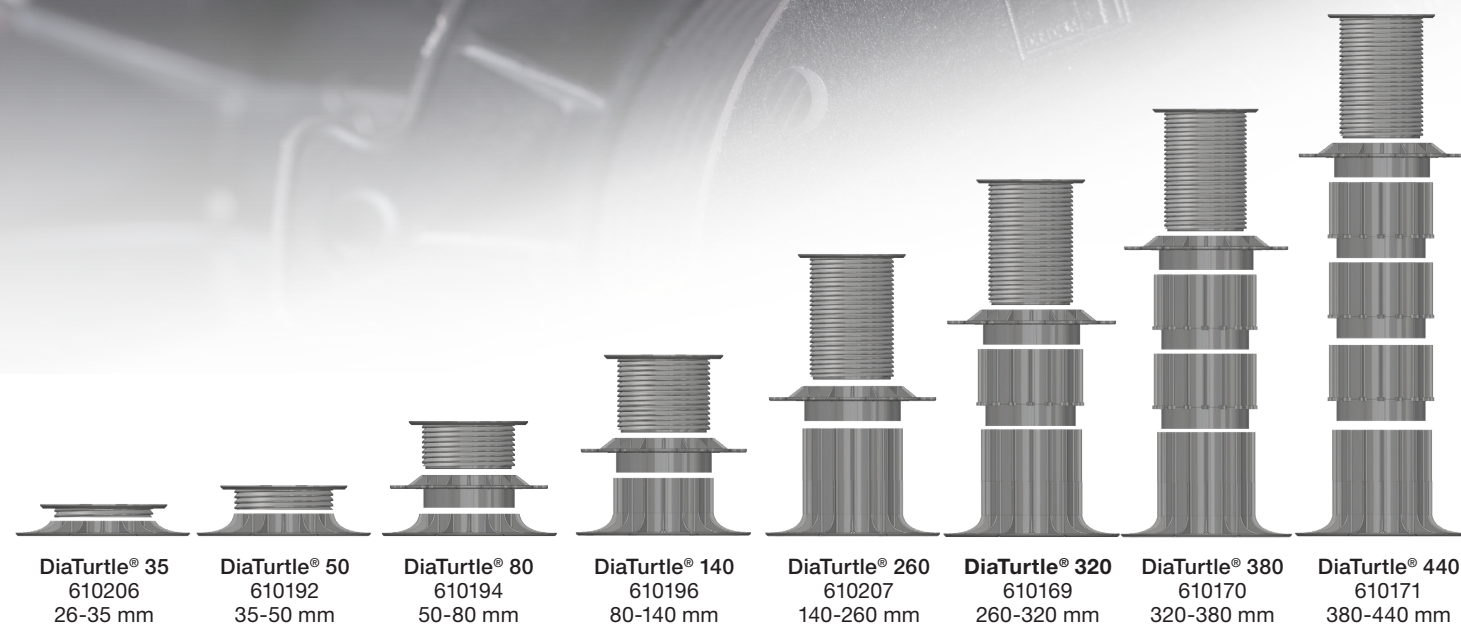


APP Dachgarten GmbH, D-85049 Ingolstadt, Jurastrasse 21
Tel.: +49 841 370 9496 • info@grundach.com • www.grundach.com
DIADEM® APP Kft., H-9028 Győr, Fehérvári út 75.
Tel.: +36 96 512 910 • info@diadem.com • www.diadem.com




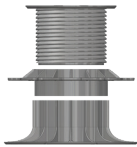
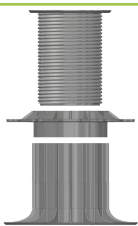
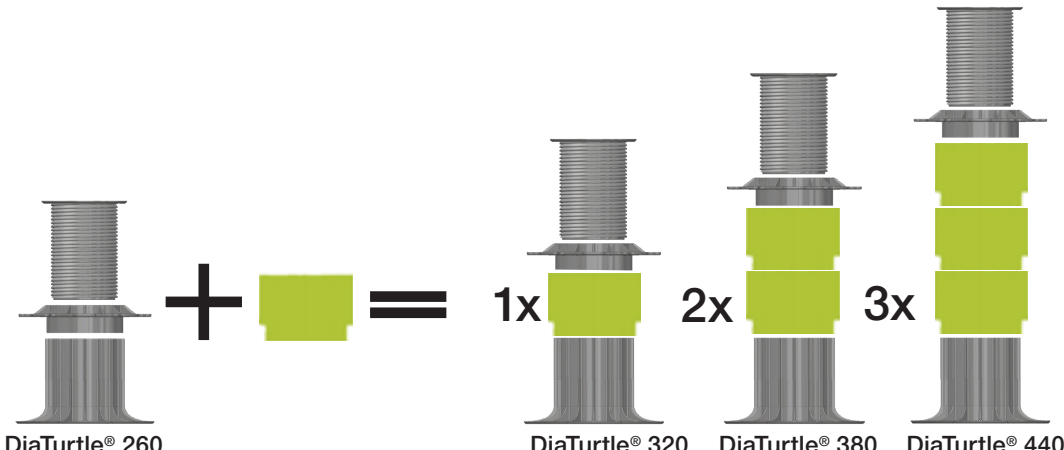
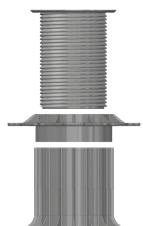




DIADEM® is a registered trademark. The written permission of the publisher is required to use the images, texts and illustrations in this publication. All rights reserved. Data and images contained in the brochure are indicative, we do not accept responsibility for possible printing errors. • 09037800

Green Up the Roof!





SYSTEM COMPONENTS

	DiaTurtle® 35	DiaTurtle® 50	DiaTurtle® 80	DiaTurtle® 140	DiaTurtle® 260
DiaTurtle®					
DT+ Height extension element	 <p>  +  = 1x  2x  3x  </p> <p> DiaTurtle® 260 DiaTurtle® 320 DiaTurtle® 380 DiaTurtle® 440 </p>				



ACCESSORIES

Fix pedestal (14 mm; 18 mm; 23 mm)

DiaTurtle®-14-Fix, DiaTurtle®-18-Fix, DiaTurtle®-23-Fix

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: 14 mm: 610185; 18 mm: 610186; 23 mm: 610187



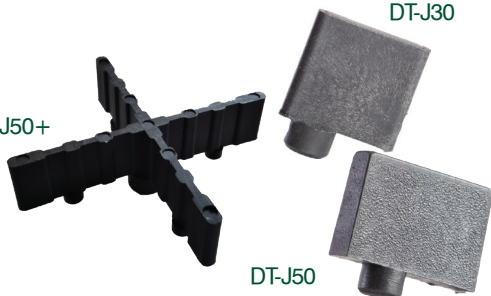
DT-J30

Spacer tab (3,0 mm; 5,0 mm) D T-J30, DT-J50

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

Product number: 2 mm: 610179; 3 mm: 610180; 5 mm: 610181; 6 mm: 610182; 8 mm: 610183

DT-J50+



DT-J50

T-profile

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

Product number: 610184



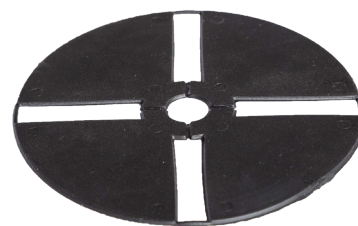
Slope corrector (2%; 3%) DT-SC20, DT-SC30

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

Leveling shim (1,3 mm; 2,0 mm) DT-SH10, DT-SH20

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 (5,0 mm)

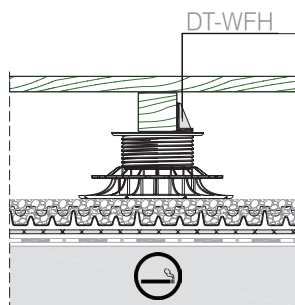
The 5 mm thick absorbing shim's flexible material provides noise absorption and stepnoise reduction on the cover surface. Shims are placed on the DiaTurtle® pedestal's top. It allows a minimal leveling and compensates the inequalities of tiles arising from production.

Product number: 610176

Batten holder; DT-WFH

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

Product number: 38mm: 610172; 18mm: 610173



DT+ Height extension element

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

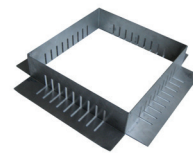
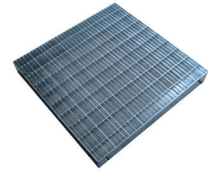


RELATED PRODUCTS

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



TRK-20-AL



TRK+AL

Gravel basket and gravel basket extension

TRK-20-AL és 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.

