

# DiaTurtle®

Height adjustable pedestals



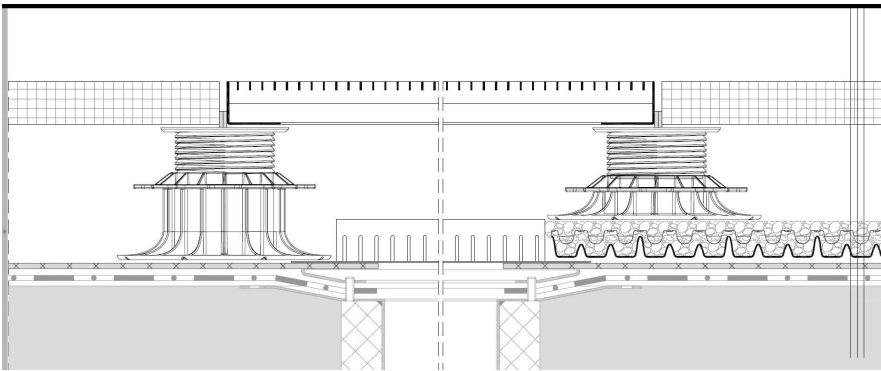
## ADVANTAGES

- Easy-fit, pluggable 60 mm extension elements (DT+) → pedestals can be installed quickly and accurately, with no fine tuning or positioning
- Can also be used with tiles, gratings and wood or WPC terraces → same pedestal for all applications
- Rounded base → no damage to roof insulation
- Designed for load capacity up to 1000 kg/pedestal
- Height adjustment from 26 mm -440 mm.
- High resistance to UV radiation, frost and other elements including bitumen → exceptionally sturdy polypropylene material



## APPLICATION

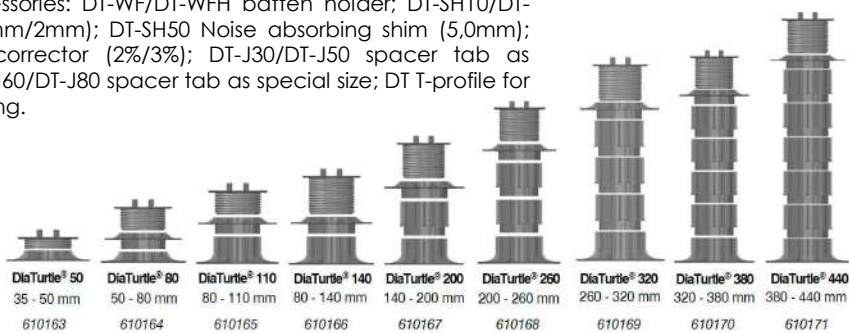
With DiaTurtle® pedestals, all kinds of decking can be set exactly to a desired height. Laying concrete slabs or wood/WPC paving on pedestals without using grout or cement offers several advantages when constructing a terrace. In case where the pedestals are fitted above green roof layer components fill in with broken gravel.



1. Stone pavement, 2. Broken gravel, 3. Drainage board DD25H\*, 4. Protection and water retention layer VLS-500, 5. Waterproofing and root resistant membrane 6. Roof construction

## SPECIFICATION

Height adjustable from 26 mm to 440 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: 26-440 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.



## TECHNICAL DATA

Material required based on tiles of different sizes	40 x 40cm: ca. 7.3 pcs/m <sup>2</sup> ; 50 x 50cm: ca. 4.6 pcs/m <sup>2</sup> ; 60 x 60cm: ca. 3.1 pcs/m <sup>2</sup>
DT top diameter	120 mm
DT base diameter	200 mm
Weight (kg/unit)	1.65
Load bearing capacity per pedestal	1000 kg/base
Material	Polypropylene



Green Up the Roof!



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## Accessories

### DiaTurtle® -14-fix, DiaTurtle® -18-fix, DiaTurtle®-23-fix

Fix pedestals in different heights to support the decking for low installing height. Available at various heights: 14, 18, 23 mm.



### 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.

### T-profile

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



### 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%).

### 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.

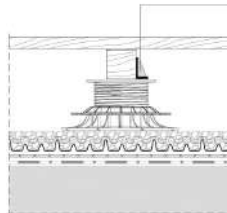


### Noise absorbing shim (5,0 mm)

The 5 mm thick absorbing shim's flexible material provides noise absorption and stepnoise reduction on the wooden decking or WPC cover surface.

### 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.



### DT+ Height extension element

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



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