

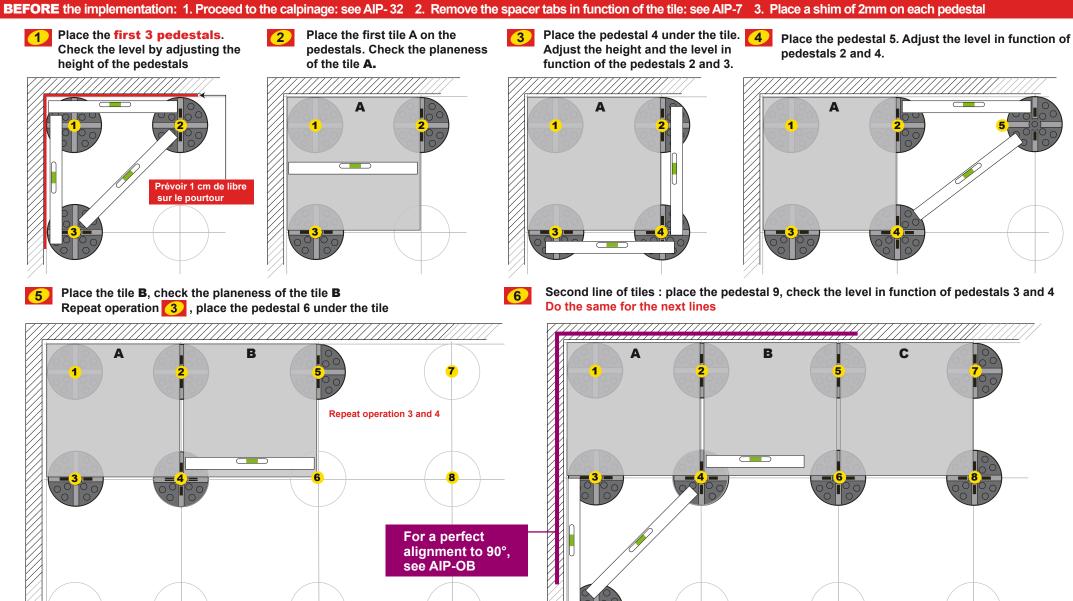
How to carry out the implementation of a terrace in tiles on pedestals Pedestals PB-0 to PB-11









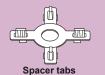




How to determine the height of the pedestals PB in function of the percentage of the slope and the dimension of the tile







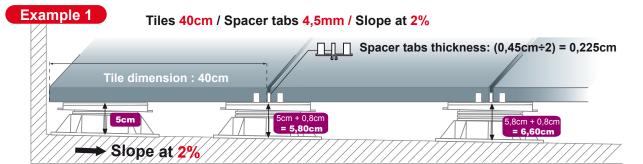
Pedestals PB-2 to PB-11

FORMULA: $h = \frac{A \times B}{400}$

h: Height to be added to the pedestal

A: % of the slope in cm (cm per meter)

B: Dimension of the tile in cm + thickness spacer tabs divided by 2 into cm

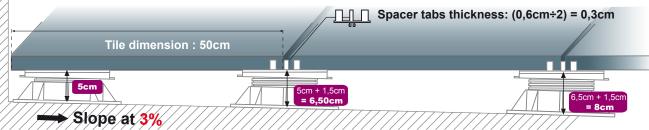


A = 2 (2% = 2cm per meter)

B = 40,225 (40cm + 0,225cm)

h: $\frac{2 \times 40,225}{100}$ = 0,80cm to add every 40cm

Example 2 Tiles 50cm / Spacer tabs 6mm / Slope at 3%



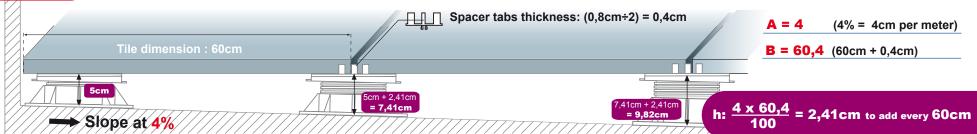
A = 3 (3% = 3cm per meter)

B = 50,3 (50cm + 0,3cm)

h: $\frac{3 \times 50,3}{100}$ = 1,50cm to add every 50cm

Example 3

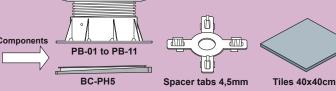
Tiles 60cm / Spacer tabs 8mm / Slope at 4%





How to determine the number and the type of pedestals PB in function of a **slope of 2%**, tiles **40X40cm** and **spacer tabs** with a thickness of **4,5mm**

Pedestals PB-2 to PB-11 with slope corrector of 0 to 5%



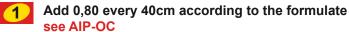
Example

Tiles 40x40cm



Slope 2%





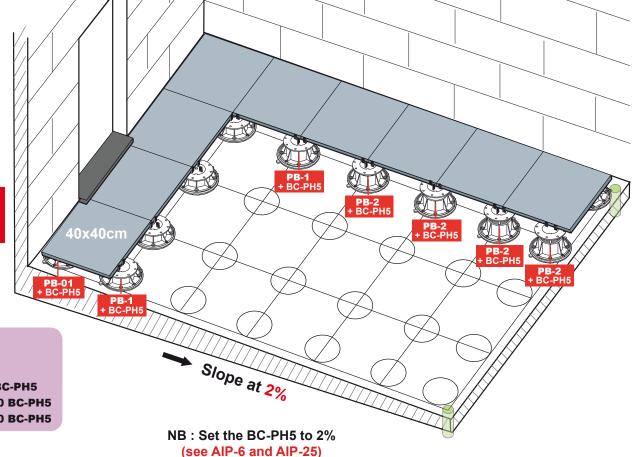
h= AXB A: % of the slope in cm (cm per meter)
B: Dim. of the tile in cm + thickness spacer tabs divided by 2 into cm

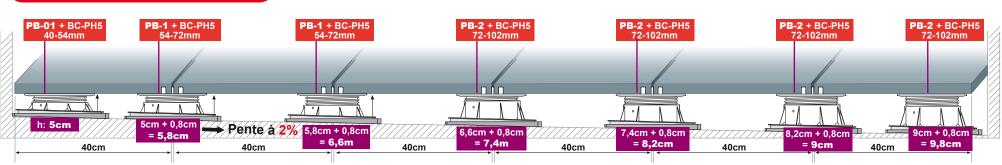
$$h = \frac{2 \times 40,2}{100} = 0,80 \text{cm (8mm)}$$

Determine the number and the type of the pedestal DPH corresponding to the to the height obtained

- Total number of tiles 40x40cm: 24 tiles
- Total number of pedestals: 5 pedestals x 7 rows = 35 pedestals
- Total number of spacer tabs: 35 4 (wall corners) = 31
- Pedestals PB-01 + BC-PH5: 5 pedestals x 1 row = 5 pedestals + 5 BC-PH5
- Pedestals PB-1 + BC-PH5: 5 pedestals x 2 rows = 10 pedestals + 10 BC-PH5
- Pedestals PB-2 + BC-PH5: 5 pedestals x 4 rows = 20 pedestals + 20 BC-PH5

Example with a starting height of 5cm







How to determine the number and the type of pedestals PB in function of a slope of 2%, tiles 40X40cm and spacer tabs with a thickness of 4,5mm

Pedestals PB-2 to PB-11 with slope corrector of 0 to 5%

Components PB-01 to PB-11

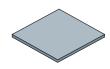


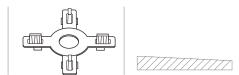


BC-PH5 Spacer tabs 4,5mm

Tiles 40x40cm

Example





Tiles 40x40cm / Spacer tabs 4,5mm / Slope at 2%



Add 0,80 every 40cm according to the formulate see AIP-OC

h= AXB A: % of the slope in cm (cm per meter)
B: Dim. of the tile in cm + thickness spacer tabs divided by 2 into cm

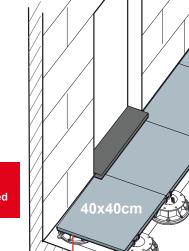
$$h = \frac{2 \times 40,2}{100} = 0,80 \text{cm (8mm)}$$

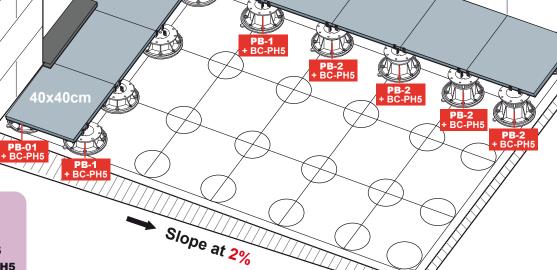


Determine the number and the type of the pedestal DPH corresponding to the to the height obtained

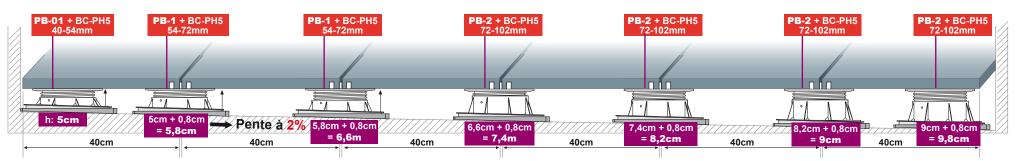
- Total number of tiles 40x40cm: 24 tiles
- Total number of pedestals: 5 pedestals x 7 rows = 35 pedestals
- Total number of spacer tabs: 35 4 (wall corners) = 31
- Pedestals PB-01 + BC-PH5: 5 pedestals x 1 row = 5 pedestals + 5 BC-PH5
- Pedestals PB-1 + BC-PH5: 5 pedestals x 2 rows = 10 pedestals + 10 BC-PH5
- Pedestals PB-2 + BC-PH5: 5 pedestals x 4 rows = 20 pedestals + 20 BC-PH5

Example with a starting height of 5cm





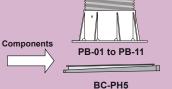
NB : Set the BC-PH5 to 2% (see AIP-6 and AIP-25)





How to determine the number and the type of pedestals PB in function of a **slope of 3%**, tiles **50X50cm** and **spacer tabs** with a thickness of **6mm**

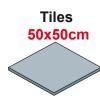
Pedestals PB-2 to PB-11 with slope corrector of 0 à 5%







Example







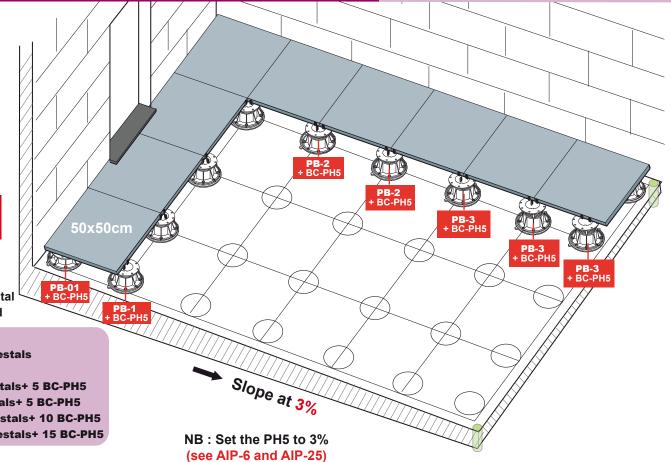
Add 1,50 every 50cm according to the formula see AIP-OC

h= AXB A: % of the slope in cm (cm per meter)

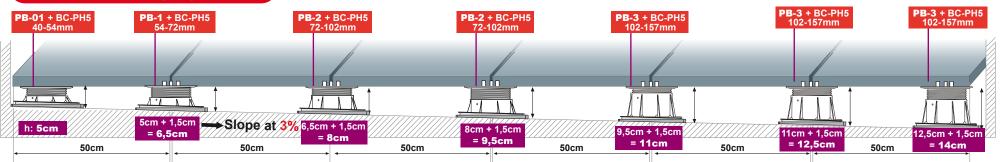
B: Dim. of the tile in cm + thickness spacer tabs divided by 2 into cm

$$h = \frac{3 \times 50,3}{100} = 1,50 \text{cm (15mm)}$$

- Determine the number and the type of the pedestal DPH corresponding to the to the height obtained
 - Total number of tiles 40x40cm: 24 tiles
 - Total number of pedestals: 5 pedestals x 7 rows = 35 pedestals
 - Total number of spacer tabs: 35 4 (wall corners) = 31
 - Pedestals PB-01 + BC-PH5: 5 pedestals x 1 row = 5 pedestals + 5 BC-PH5
 - Pedestals PB-1 + BC-PH5: 5 pedestals x 1 row = 5 pedestals + 5 BC-PH5
- Pedestals PB-2 + BC-PH5: 5 pedestals x 2 rows = 10 pedestals + 10 BC-PH5
- Pedestals PB-3 + BC-PH5: 5 pedestals x 3 rows = 15 pedestals+ 15 BC-PH5

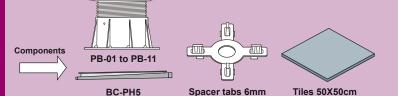


Example with a starting height of 5cm





How to determine the number and the type of pedestals PB in function of a slope of 3%, tiles 50X50cm and spacer tabs with a thickness of 6mm Pedestals PB-2 to PB-11 with slope corrector of 0 à 5%

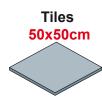


PB-3

+ BC-PH5

PB-2 + BC-PH5







Slope at 3%

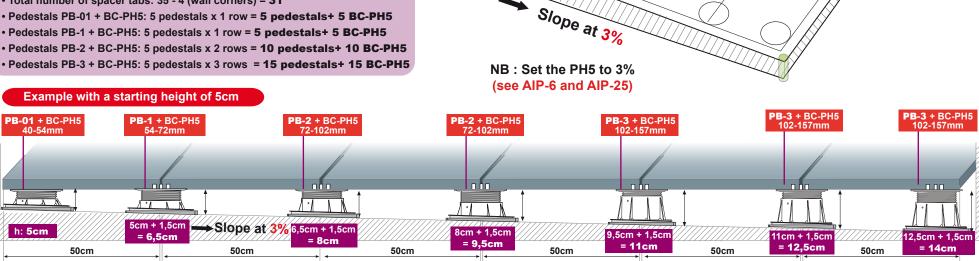
Add 1,50 every 50cm according to the formula see AIP-OC

h: Height to be added to pedestal AXB
A: % of the slope in cm (cm per meter)
B: Dim. of the tile in cm + thickness spacer tabs divided by 2 into cm

$$h = \frac{3 \times 50,3}{100} = 1,50 \text{cm (15mm)}$$

- Determine the number and the type of the pedestal DPH corresponding to the to the height obtained
 - Total number of tiles 40x40cm; 24 tiles
 - Total number of pedestals: 5 pedestals x 7 rows = 35 pedestals
 - Total number of spacer tabs: 35 4 (wall corners) = 31





50x50cm

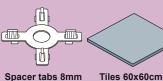
PB-1 BC-PH5

PB-01



How to determine the number and the type of pedestals PB in function of a slope of 4%, tiles 60X60cm and spacer tabs with a thickness of 8mm

PB-01 to PB-11 BC-PH5



Pedestals PB-2 to PB-11 with slope corrector of 0 to 5%

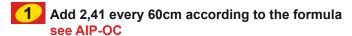
Example











h: Height to be added to pedestal h= AXB A: % of the slope in cm (cm per meter)

B: Dim. of the tile in cm + thickness spacer tabs divided by 2 into cm

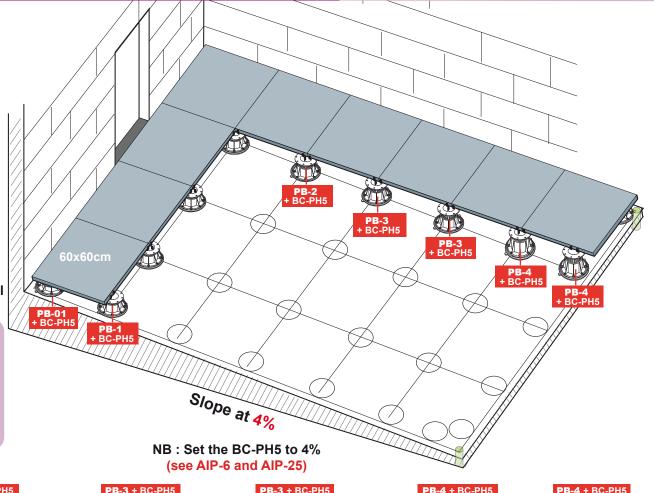
$$h = \frac{4 \times 60,4}{100} = 2,41 \text{cm} (24 \text{mm})$$

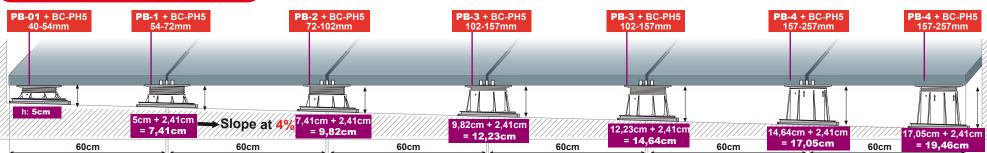
Determine the number and the type of the pedestal DPH corresponding to the to the height obtained

- Total number of tiles 60x60cm: 24 tiles
- Total number of pedestals: 5 pedestals x 7 rows = 35 pedestals
- Total number of spacer tabs: 35 4 (wall corners) = 31

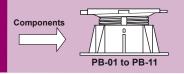
Example with a starting height of 5cm

- Pedestals PB01 + BC-PH5: 5 pedestals x 1 row = 5 pedestals + 5 BC-PH5
- Pedestals PB1 + BC-PH5: 5 pedestals x 1 row = 5 pedestals + 5 BC-PH5
- Pedestals PB2 + BC-PH5: 5 pedestals x 1 row = 5 pedestals + 5 BC-PH5
- Pedestals PB3 + BC-PH5: 5 pedestals x 2 row = 10 pedestals + 10 BC-PH5
- Pedestals PB4 + BC-PH5: 5 pedestals x 2 row = 10 pedestals + 10 BC-PH5

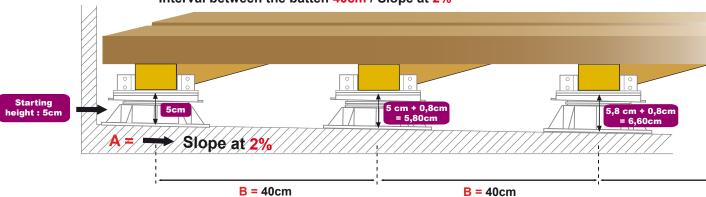




How to determine the height of the PB pedestals under the batten in function of the % of the slope and the interval between the batten **Pedestals PB-01 to PB-11**



Interval between the batten 40cm / Slope at 2%

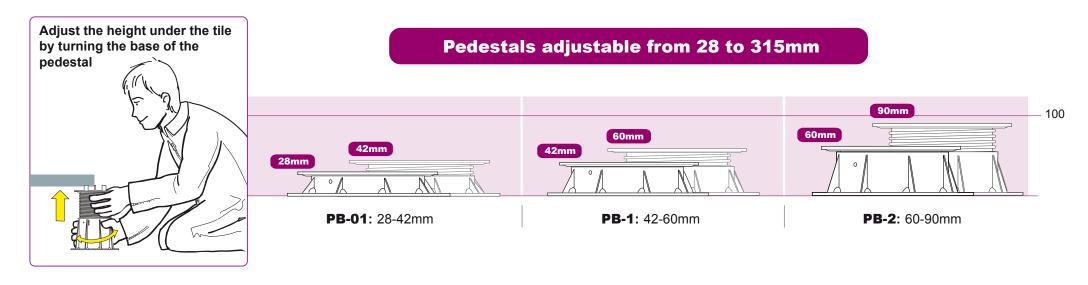


h:
$$\frac{3 \times 40}{100}$$
 = 1,20cm to add every 40cm

h:
$$\frac{4 \times 40}{100}$$
 = 1,60cm to add every 40cm



Table of heights of pedestals Adjustable pedestals PB-01 to PB-5



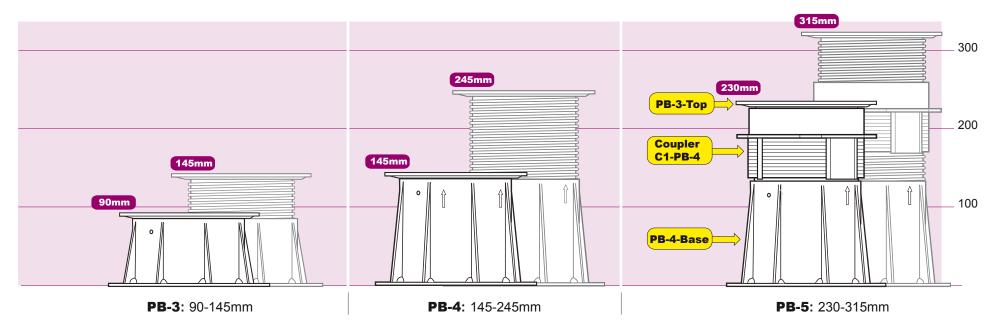
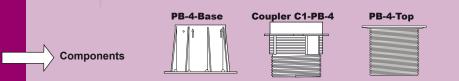
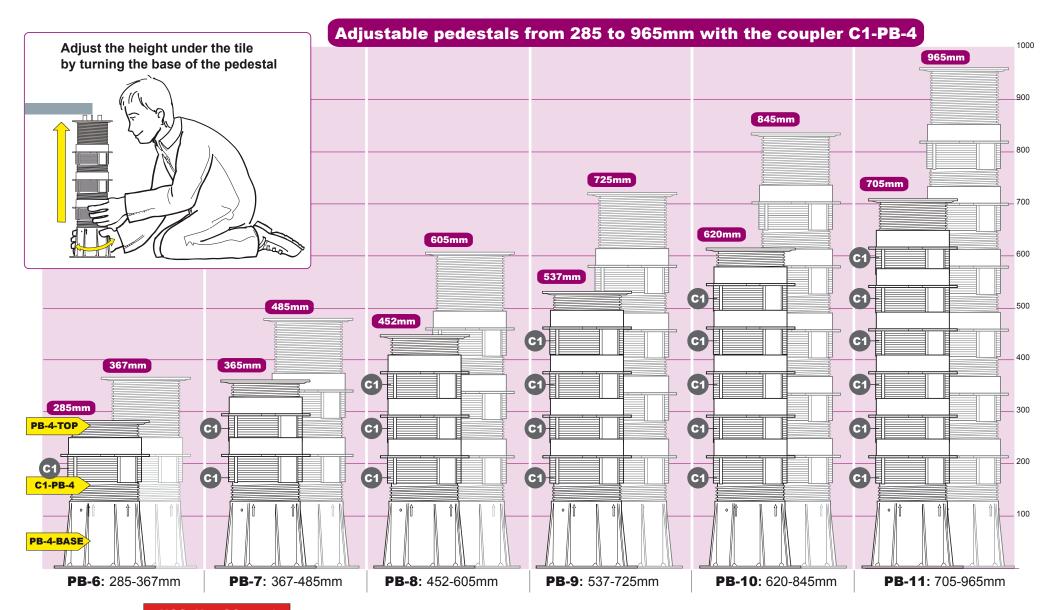


Table of heights
Composed of the pedestal PB-4 and couplers C1-PB-4
Adjustable pedestals PB-6-NSC to PB-11-NSC







How to place and remove spacer tabs 2 - 3 - 4,5mm **Plots réglables PB-Series**

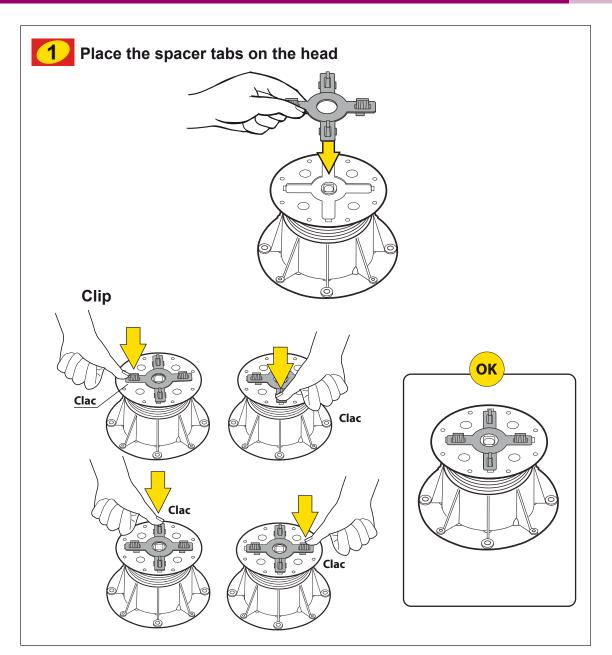


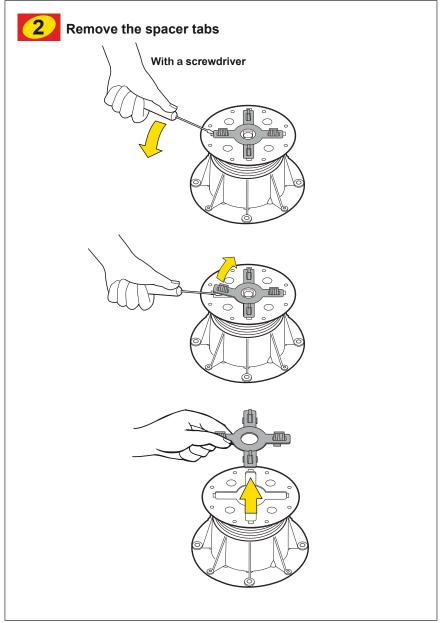






Tabs 2 - 3 - 4,5mm



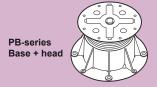


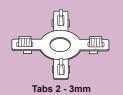


How to modify the spacer tabs for central use, in edge of wall, in quincunx or corner of wall

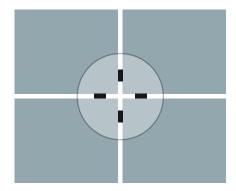
Adjustable pedestals PB-Serie



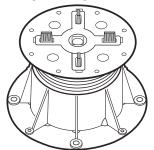


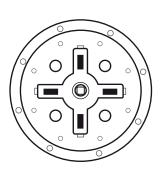


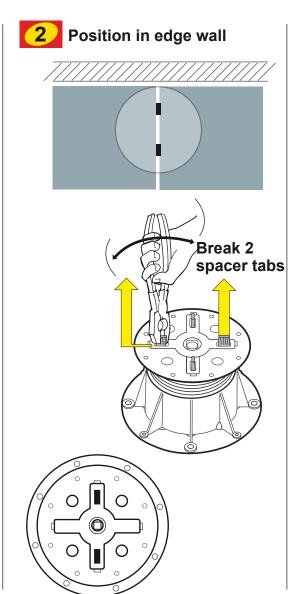
1 Central position

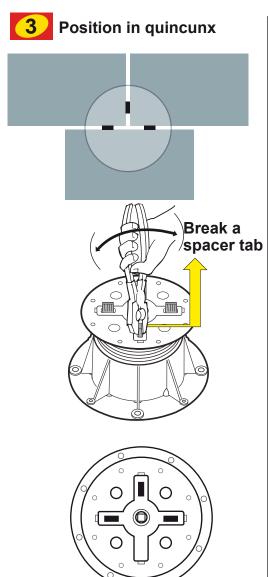


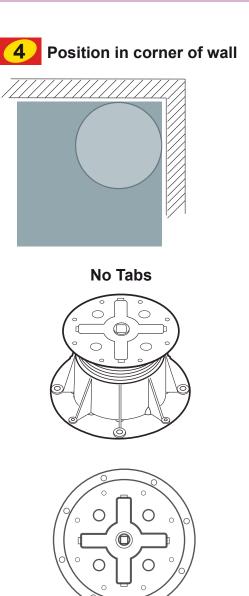
Complete spacer tabs













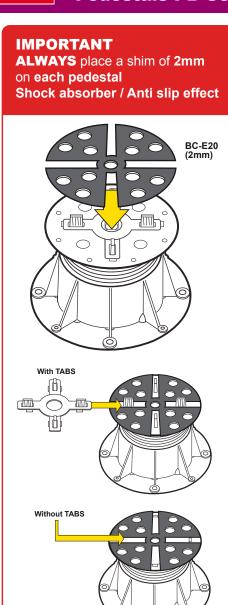
How to place the shim of 2 mm on the pedestal DPH-5 to adjust 2 tiles of different thickness

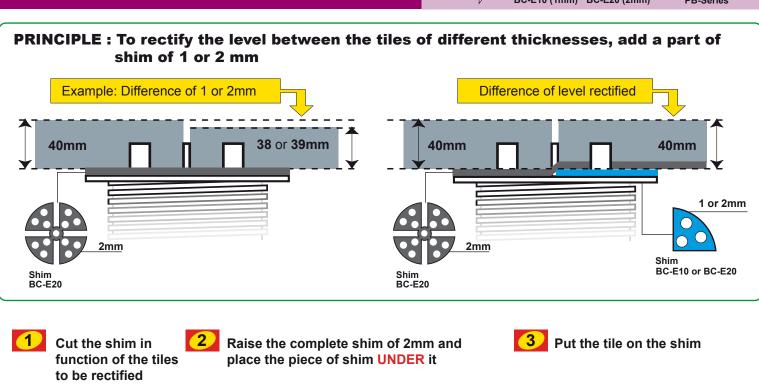
Pedestals PB-Series

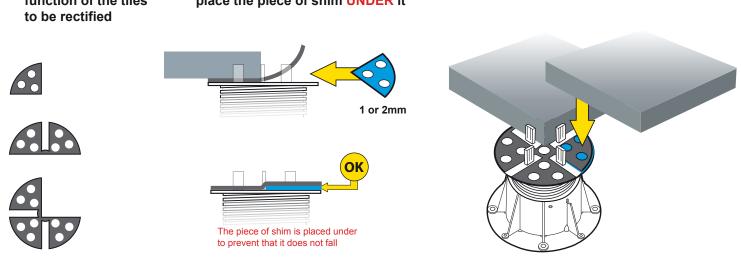






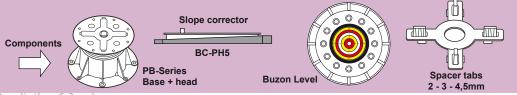


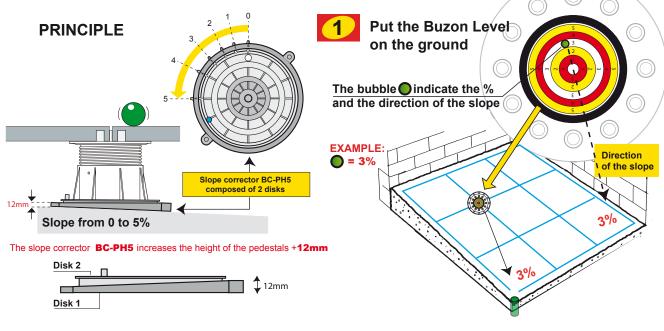






How to set and adjuste the slope corrector BC-PH5 placed under the base of the pedestals PB-Series
How to adjust a slope from 0 to 5%: Example with a slope of 3%
Adjustable pedestals PB-Series

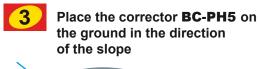




Disk 2 = Value in % of the slope

The 2 figures 3 must be aligned

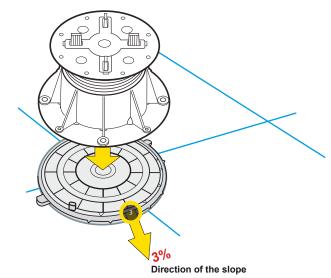
Point the corrector BC-PH5 to 3%

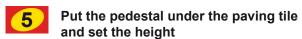


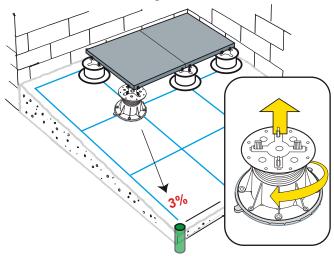
Direction of the slope



Put the pedestal on the BC-PH5 set at 3%







Ref:AIP-6-PB-EN 01/08/2012 © copyright Buzon



Table of heights

Adjustable pedestals PB-01 to PB-5 with slope corrector BC-PH5 0 to 5%

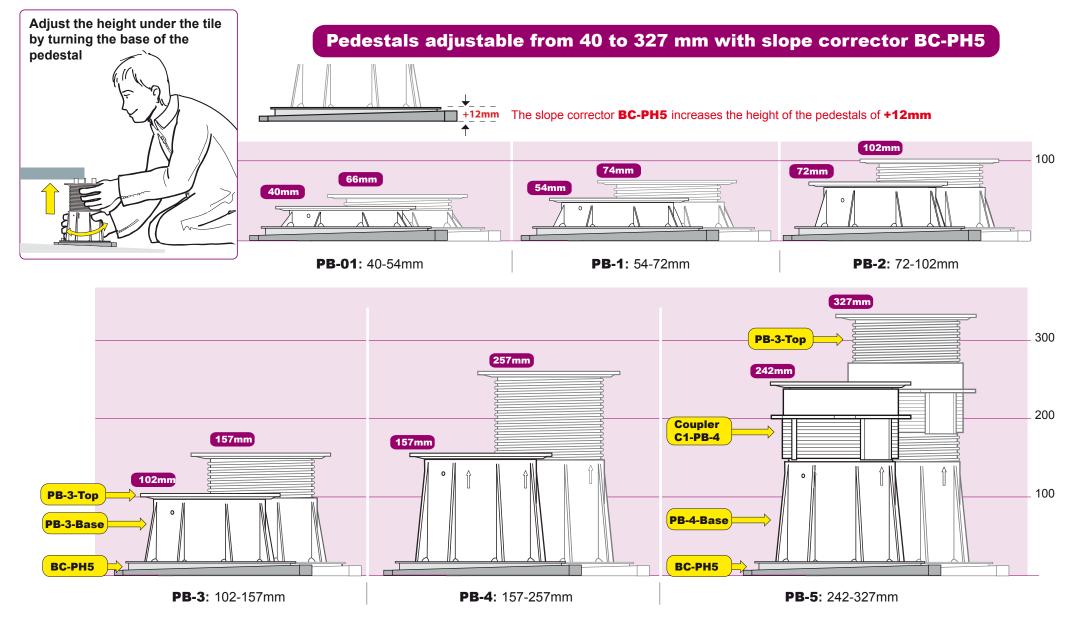




Table of heights

Adjustable pedestals PB-6-NSC to PB-11-NSC on slope corrector BC-PH5 0 to 5%



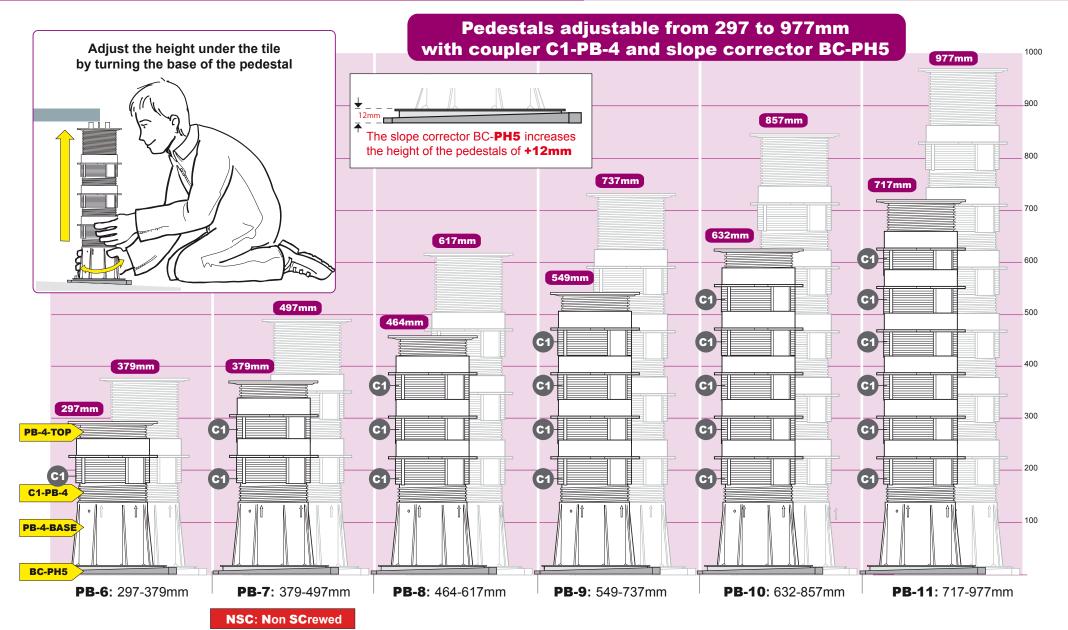


Slope corrector





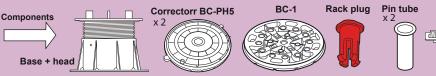


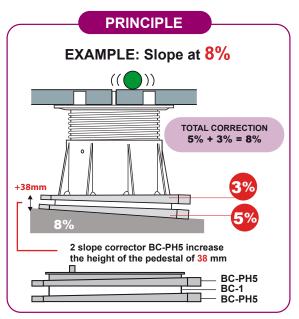




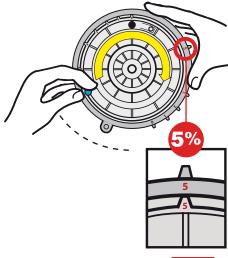
How to correct a slope from 6 to 10 % with 2 slope correctors BC-PH5 placed under the base of the pedestals PB-Series How to set the height

Adjustable pedestals PB-Series from 66 to 1003mm

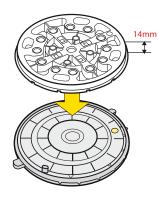




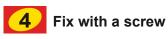
Set the first corrector **BC-PH5** to 5%

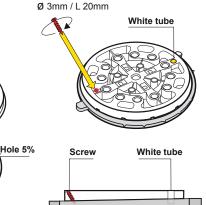


Put the pedestal **BC-1 (14mm)** (non adjustable) on the first corrector



Block with the white tube next to the hole



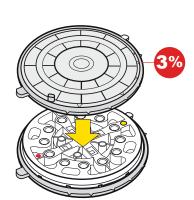


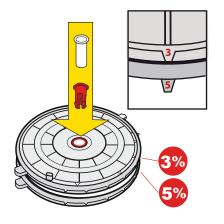
Put the second corrector BC-PH5 set to 3% on the BC-1 Fix with the Rack plug and the pin tube and situate the number 3% in front of the number 5%

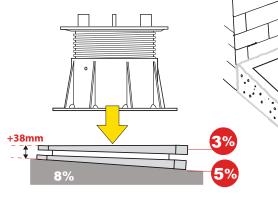


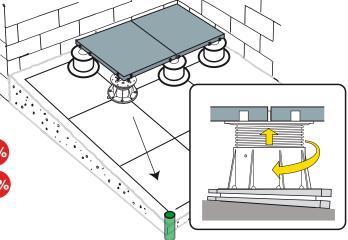
Put the pedestal on the 2 slope corrector Put the pedestal set at 8% under the paving tile Set the height

Screw











How to assemble the pedestal PB-5-NSC with the coupler C1-PB4 Adjustable pedestal PB-5-NSC from 230 to 315mm



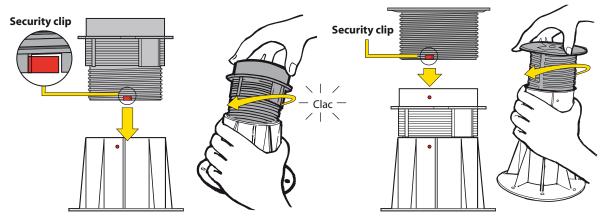






1 Screw the coupler into the base to the maximum

Screw the head into the coupler to the maximum



The security clip blocks after 3 threads to avoid the unscrewing of the head

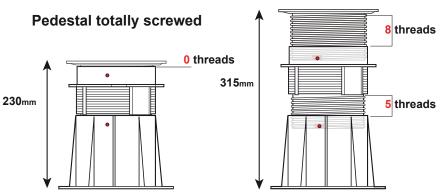
Set the height by unscrewing the coupler C1-PB-4 and the head PB-3-TOP

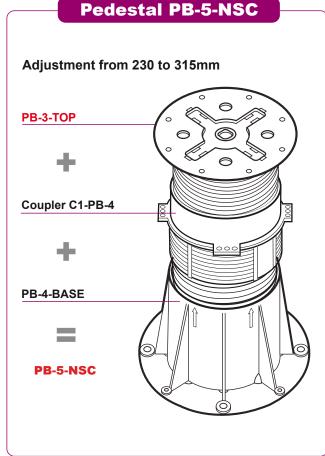
PB-3-TOP

C1-PB-4

PB-4-BASE

Pedestal totally unscrewed





NSC: Non SCrewed



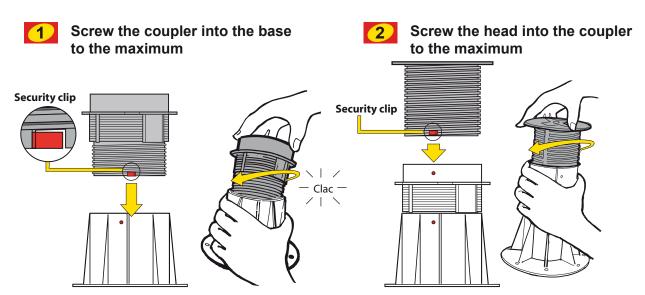
How to assemble the pedestal PB-6-NSC **Adjustable pedestal PB-6-NSC from 285 to 367mmm**





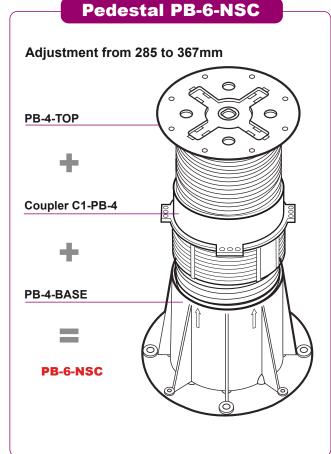






The security clip blocks after 3 threads to avoid the unscrewing of the head





NSC: Non SCrewed



How to unscrew the head PB-4 from pedestal PB-4 How to assemble the coupler **C1-PB-4** - How to set the height **Adjustable pedestals PB-Series**

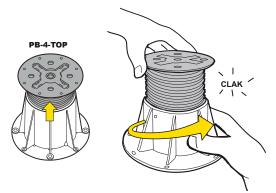


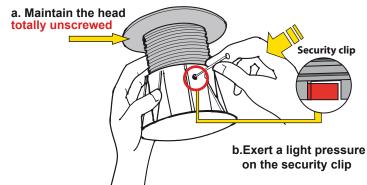


Unscrew the head to the maximum

Unlock the security







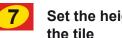




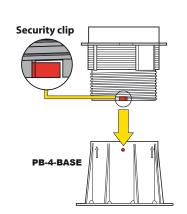
Screw the coupler in the base to the maximum

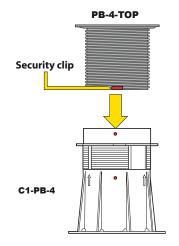
Screw the head in the coupler

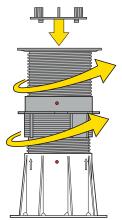
Clip the spacer tabs then set approximatively the height by unscrewing the coupler and the head

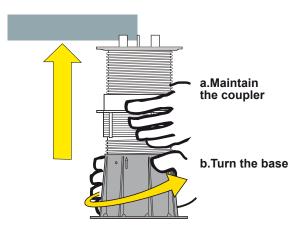


Set the height under the tile











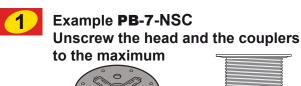
How to remove the coupler(s) C1-PB-4 from the pedestals PB-5 à PB-11 (screwed) Adjustable pedestals PB-Series

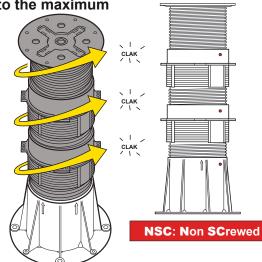




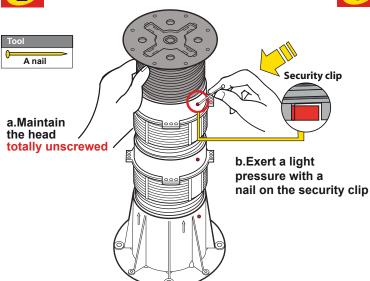








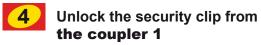
Unlock the security of the head

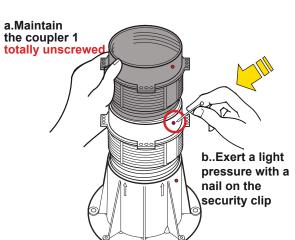


6

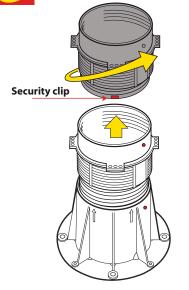
Unscrew the head from the coupler **Security clip**



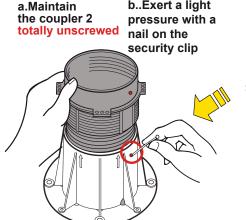




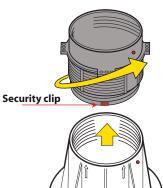
Unscrew the coupler 1

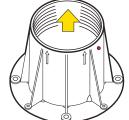


Unlock the security clip from the coupler 2



b..Exert a light

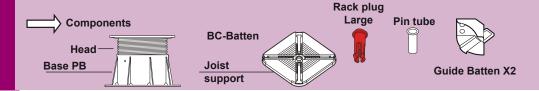


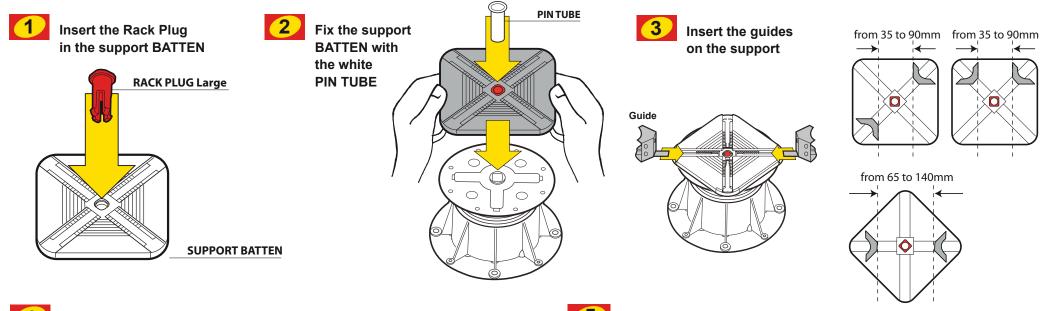




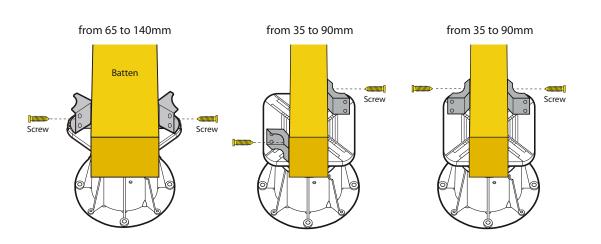
How to adjust a joist with a thickness of 35 to 140mm with 2 guides on the BC-Batten-Kit-1 support fixed on the pedestals

Adjustable pedestals PB-Series

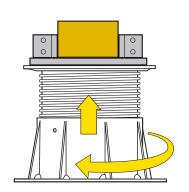


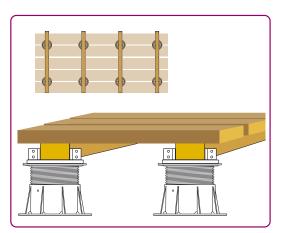






Regulate the height by turning the base of the pedestal





How to adjust 3 joists with a thickness of 35 to 90mm with 4 guides on the BC-Batten-Kit-1 support fixed on the pedestals

Adjustable pedestals PB-Series



Insert the RACK PLUG Large in the support BATTEN and in the pedestal

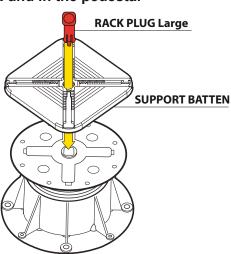


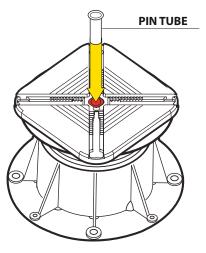
Fix the support BATTEN with the white PIN TUBE

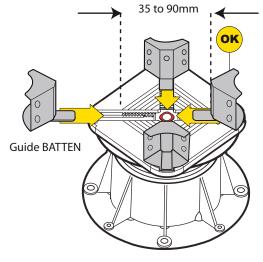


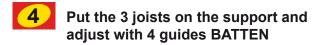
Insert the guides on the support

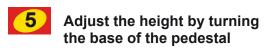
Rack plug

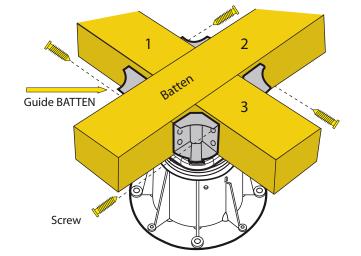


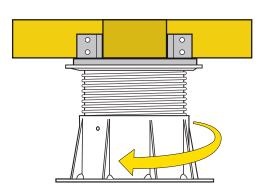


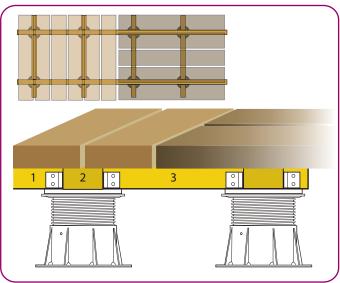








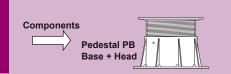


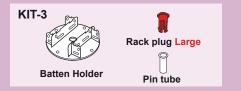


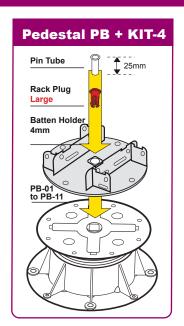


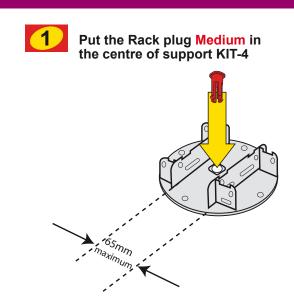
How to place the joist support (Batten Holder) **KIT-4** and a joist of maximum 65mm on the pedestals **PB**

Adjustable pedestals PB-01 to PB-11

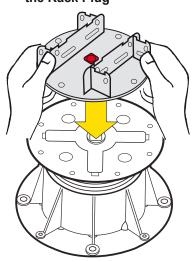




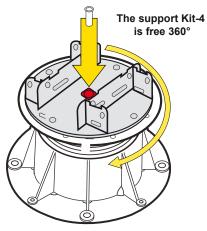


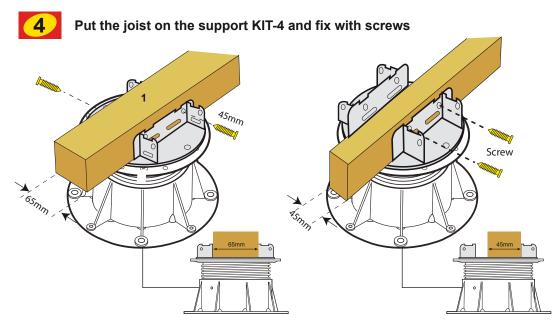


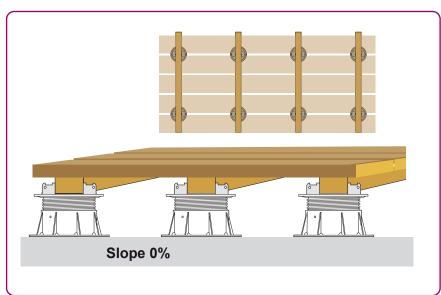
Fix the KIT-4 in the centre of the pedestal with the Rack Plug



Block the support KIT-4 by inserting the pin tube in the pedestal









How to cut and place pedestals DPH in edge of wall and corner of wall with rectangular tiles 60X60cm and 60X30cm (26cm minimum)

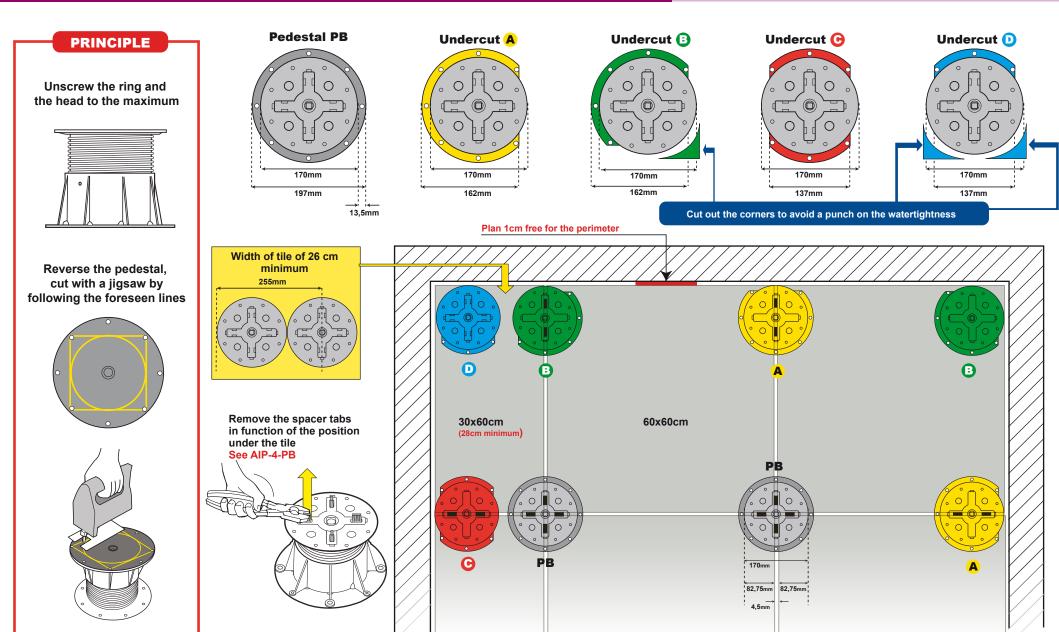
Pedestals PB-01 to PB-11







Spacer tabs (4,5mm)



How to cut and place pedestals DPH in edge of wall and corner of wall with rectangular tiles 40X40cm and 30X40cm (27cm minimum)

Pedestals PB-01 to PB-11

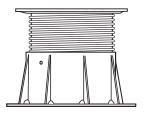




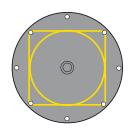


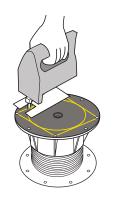
PRINCIPLE

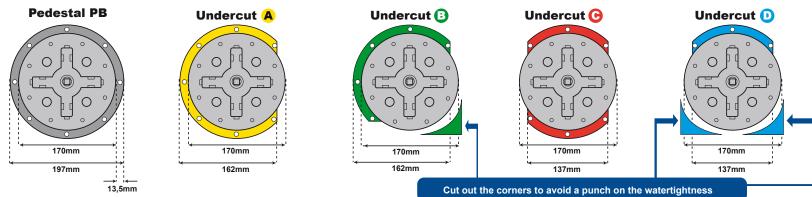
Unscrew the ring and the head to the maximum

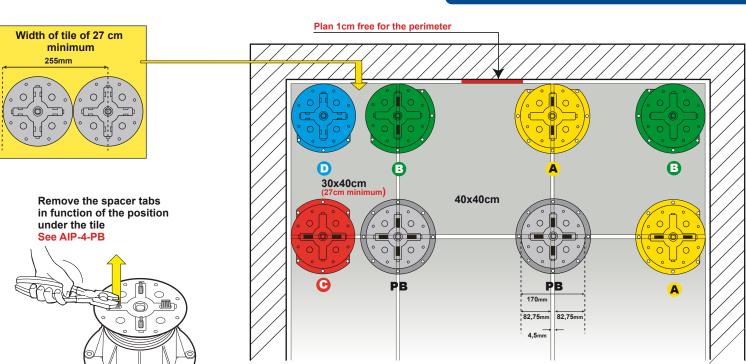


Reverse the pedestal, cut with a jigsaw by following the foreseen lines











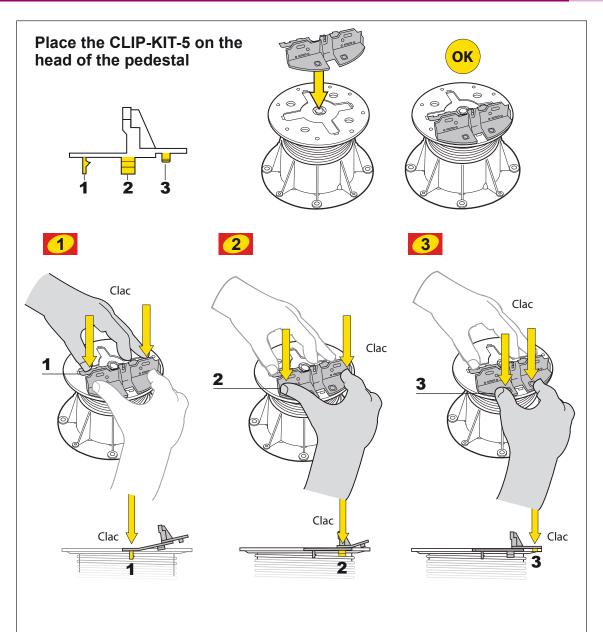
How to place and remove the CLIP KIT-5 **Adjustable pedestals PB-Series**

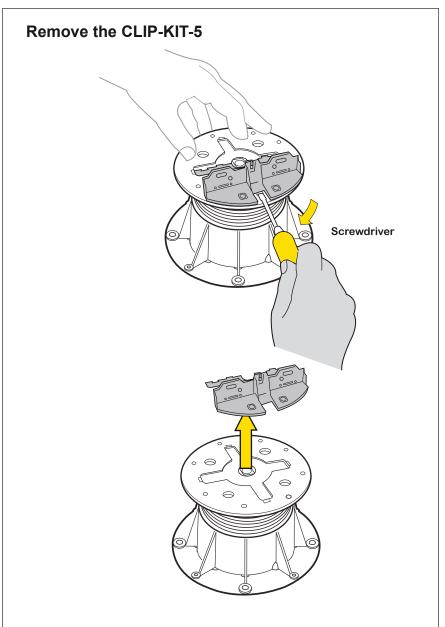














Providing Architects and Builders with Superior Paving, Decking and Pedestal Products.

Commercial | Luxury Residential | Municipal













Extended Team

We can also provide technical consultation and installation training for projects that involve Buzon Pedestals. Please contact us to discuss your particular needs. HDG Building Materials also has a network of experienced installers in many major cities. Please contact us for introductions or referrals.

Sales Representatives

Sales representatives for HDG Building Materials are located in the Pacific Northwest, Southern California, and Iowa.

Outside of those regions? No problem, we are happy to serve. Please contact us at 503.360.9551



HDG Building Materials is an expert dealer for Buzon Pedestals International.

HDG provides architectural sales and support in North America.

HDG Building Materials

Commercial | Luxury Residential | Municipal

10691 SE Jason Lane Happy Valley, OR 97086

503.360.9551

sales@hdgbuildingmaterials.com