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

$\underset{\text { Spacer tabs }}{\square \square \square}$


BEFORE the implementation: 1. Proceed to the calpinage: see AIP-32 2. Remove the spacer tabs in function of the tile: see AIP-7

## 3. Place a shim of 2 mm on each pedestal

(1) Place the first 3 pedestals Check the level by adjusting the height of the pedestals


Place the first tile A on the pedestals. Check the planeness of the tile $\mathbf{A}$.


Place the tile B, check the planeness of the tile B Repeat operation (3), place the pedestal 6 under the tile


Place the pedestal 4 under the tile. Adjust the height and the level in function of the pedestals 2 and 3 .

pedestals 2 and 4


6 Second line of tiles : place the pedestal 9, check the level in function of pedestals 3 and 4 Do the same for the next lines


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


PB-01 to PB-11

Example 1 Tiles $40 \mathrm{~cm} /$ Spacer tabs $4,5 \mathrm{~mm}$ / Slope at $2 \%$


$$
A=2 \quad(2 \%=2 \mathrm{~cm} \text { per meter })
$$

$B=40,225(40 \mathrm{~cm}+0,225 \mathrm{~cm})$

```
h: }\frac{2\times40,225}{100}=0,80\textrm{cm}\mathrm{ to add every 40cm
```



$$
\begin{aligned}
& A=3 \quad(3 \%=3 \mathrm{~cm} \text { per meter }) \\
& B=50,3 \quad(50 \mathrm{~cm}+0,3 \mathrm{~cm})
\end{aligned}
$$

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

Example $3 \quad$ Tiles $60 \mathrm{~cm} /$ Spacer tabs $8 \mathrm{~mm} /$ Slope at $4 \%$


How to determine the number and the type of pedestals PB in function of a slope of $\mathbf{2 \%}$, tiles $40 \times 40 \mathrm{~cm}$ and spacer tabs with a thickness of $4,5 \mathrm{~mm}$
Pedestals PB-2 to PB-11 with slope corrector of 0 to $5 \%$


Example

Tiles
$40 \times 40 \mathrm{~cm}$



Slope 2\%

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


- Total number of tiles $40 \times 40 \mathrm{~cm}$ : 24 tiles
- Total number of pedestals: 5 pedestals $\times 7$ rows $=\mathbf{3 5}$ pedestals
- Total number of spacer tabs: 35-4 (wall corners) = $\mathbf{3 1}$
- Pedestals PB-01 + BC-PH5: 5 pedestals $\times 1$ row $=5$ pedestals + 5 BC-PH5
- Pedestals PB-1 + BC-PH5: 5 pedestals $\times 2$ rows $=10$ pedestals + 10 BC-PH5
- Pedestals PB-2 + BC-PH5: 5 pedestals $\times 4$ rows $=\mathbf{2 0}$ pedestals $+\mathbf{2 0}$ BC-PH5

Example with a starting height of 5 cm
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 $2 \%$, tiles $40 \times 40 \mathrm{~cm}$ and spacer tabs with a thickness of $4,5 \mathrm{~mm}$
Pedestals PB-2 to PB-11 with slope corrector of 0 to $5 \%$ Pedestals PB-2 to PB-11 with slope corrector of 0 to $5 \%$


Example



Tiles $40 \times 40 \mathrm{~cm}$ / Spacer tabs $4,5 \mathrm{~mm}$ / Slope at $2 \%$
Add 0,80 every 40 cm according to the formulate see AIP-OC

$h=\frac{A X B}{100}$| $h:$ Height to be added to pedestal |
| :--- |
| A: \% of the slope in cm |
| ( Dm per meter) |
| by 2 into cm |

$h=\frac{2 \times 40,2}{100}=0,80 \mathrm{~cm}(8 \mathrm{~mm})$
(2) Determine the number and the type of the pedestal
DPH corresponding to the to the height obtained

- Total number of tiles $40 \times 40 \mathrm{~cm}: 24$ tiles
- Total number of pedestals: 5 pedestals $\mathbf{x} 7$ rows $=\mathbf{3 5}$ pedestals
- Total number of spacer tabs: 35-4 (wall corners) = $\mathbf{3 1}$
- Pedestals PB-01 + BC-PH5: 5 pedestals $\times 1$ row $=5$ pedestals + 5 BC-PH5
- Pedestals PB-1 + BC-PH5: $\mathbf{5}$ pedestals $\mathbf{x} \mathbf{2}$ rows $=\mathbf{1 0}$ pedestals + $\mathbf{1 0}$ BC-PH5
- Pedestals PB-2 + BC-PH5: 5 pedestals $\times 4$ rows $=\mathbf{2 0}$ pedestals +20 BC-PH5

Example with a starting height of 5 cm
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 $50 \times 50 \mathrm{~cm}$ and spacer tabs with a thickness of 6 mm
Pedestals PB-2 to PB-11 with slope corrector of 0 à $5 \%$


Tiles $50 \times 50 \mathrm{~cm}$

Example


1 Add 1,50 every 50 cm according to the formula see AIP-OC
$\mathbf{A} \times \mathbf{B} \quad$ h: Height to be added to pedestal
$=\mathrm{AXB} \quad \mathrm{A}: \%$ of the slope in cm (cm per meter)
100 B: Dim. of the tile in $\mathrm{cm}+$ thickness spacer
tabs divided by 2 into cm

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

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

- Total number of tiles $40 \times 40 \mathrm{~cm}$ : 24 tiles
- Total number of pedestals: 5 pedestals $\times 7$ rows $=\mathbf{3 5}$ 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 $\times 1$ row $=5$ pedestals+ 5 BC-PH5
- Pedestals PB-2 + BC-PH5: 5 pedestals $\times 2$ rows $=\mathbf{1 0}$ pedestals+ $\mathbf{1 0}$ BC-PH5
- Pedestals PB-3 + BC-PH5: 5 pedestals $\times 3$ rows $=15$ pedestals+ 15 BC-PH5

Set the PH5 to 3\%
Example with a starting height of 5 cm
(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 $50 \times 50 \mathrm{~cm}$ and spacer tabs with a thickness of 6 mm Pedestals PB-2 to PB-11 with slope corrector of 0 à $5 \%$


Spacer tabs 6 mm


BC-PH5


1 Add 1,50 every 50 cm according to the formula see AIP-OC
AXB h: Height to be added to pedestal
$=\mathrm{AXB} \quad \mathrm{A}: \%$ of the slope in cm (cm per meter)
100 B: Dim. of the tile in $\mathrm{cm}+$ thickness spacer
tabs divided by 2 into cm

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

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

- Total number of tiles $40 \times 40 \mathrm{~cm}$ : 24 tiles
- Total number of pedestals: 5 pedestals $\times 7$ rows $=\mathbf{3 5}$ pedestals
- Total number of spacer tabs: 35-4 (wall corners) = 31
- Pedestals PB-01 + BC-PH5: 5 pedestals $\times 1$ row $=5$ pedestals+ 5 BC-PH5
- Pedestals PB-1 + BC-PH5: 5 pedestals $\times 1$ row $=5$ pedestals+ 5 BC-PH5
- Pedestals PB-2 + BC-PH5: $\mathbf{5}$ pedestals $\times 2$ rows $=10$ pedestals+ 10 BC-PH5
- Pedestals PB-3 + BC-PH5: 5 pedestals $\times 3$ rows $=15$ pedestals+ 15 BC-PH5

Example with a starting height of 5 cm


Heights of the PB pedestals + BC-PH5 : see AIP-7

How to determine the number and the type of pedestals PB in function of a slope of 4\%, tiles $60 \times 60 \mathrm{~cm}$ and spacer tabs with a thickness of 8 mm
Pedestals PB-2 to PB-11 with slope corrector of 0 to $5 \%$


BC-PH5

Example


1 Add 2,41 every 60 cm according to the formula see AIP-OC

```
h=\frac{AX B}{100}}\begin{array}{l}{\textrm{A}:%\mathrm{ of the slope in cm}}\\{\textrm{B}:\mathrm{ Dim. of the tile in cm prer meter)}}
    100 B: Dim. of the tile in cm + thickness spacer tabs
        divided by 2 into cm
```

        \(h=\frac{4 \times 60,4}{100}=2,41 \mathrm{~cm}(24 \mathrm{~mm})\)
    2 Determine the number and the type of the pedestal DPH corresponding to the to the height obtained

- Total number of tiles $60 \times 60 \mathrm{~cm}: \mathbf{2 4}$ tiles
- Total number of pedestals: 5 pedestals $\mathbf{x} 7$ rows $=\mathbf{3 5}$ pedestals
- Total number of spacer tabs: 35-4 (wall corners) = $\mathbf{3 1}$
- Pedestals PB01 + BC-PH5: 5 pedestals $\times 1$ row $=5$ pedestals + 5 BC-PH5 - Pedestals PB1 + BC-PH5: 5 pedestals $\mathbf{x} 1$ row $=\mathbf{5}$ pedestals + $\mathbf{5}$ BC-PH5 - Pedestals PB2 + BC-PH5: 5 pedestals $\times 1$ row $=5$ pedestals + 5 BC-PH5 - Pedestals PB3 + BC-PH5: 5 pedestals $\times 2$ row $=\mathbf{1 0}$ pedestals + $\mathbf{1 0}$ BC-PH5 - Pedestals PB4 + BC-PH5: 5 pedestals $\times 2$ row $=\mathbf{1 0}$ pedestals + $\mathbf{1 0}$ BC-PH5

Example with a starting height of 5 cm


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

## BC-Kit 1 + 2 guides Batten



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



NSC: Non SCrewed


1 Place the spacer tabs on the head


2 Remove the spacer tabs


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

(2) Position in edge wall

(3) Position in quincunx



No Tabs


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

## IMPORTANT

ALWAYS place a shim of 2 mm
on each pedestal
Shock absorber / Anti slip effect

Without TABS
$\qquad$


PRINCIPLE : To rectify the level between the tiles of different thicknesses, add a part of shim of 1 or 2 mm



Cut the shim in function of the tiles to be rectified
Raise the complete shim of 2 mm and place the piece of shim UNDER it


The piece of shim is placed under to prevent that it does not fall
(3) Put the tile on the shim


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



The slope corrector BC-PH5 increases the height of the pedestals $\mathbf{+ 1 2 m m}$


3 Place the corrector BC-PH5 on the ground in the direction of the slope



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


2 Point the corrector BC-PH5 to 3\%


5 Put the pedestal under the paving tile and set the height


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

Table of heights
Buzon Adjustable pedestals PB-01 to PB-5 with slope corrector BC-PH5 0 to $5 \%$


Ref: AIP-7-PB-EN 02/08/2012 © copyright Buzon

Table of heights
Adjustable pedestals PB-6-NSC to PB-11-NSC on Buzon slope corrector BC-PH5 0 to 5\%


BC-PH5
PB-6: 297-379mm
PB-7: $379-497 \mathrm{~mm}$

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 1003 mm



2-3-4,5mm

PRINCIPLE
EXAMPLE: Slope at 8\%


5 Put the second corrector BC-PH5 set to $3 \%$ on the BC-1

1 Set the first corrector BC-PH5 to 5\%


6 Fix with the Rack plug and the pin tube and situate the number $3 \%$ in front of the number 5\%

2
Put the pedestal BC-1 ( 14 mm ) (non adjustable) on the first corrector


## 3

Block with the white tube next to the hole
 Screw
$\varnothing 3 \mathrm{~mm} / \mathrm{L} 20 \mathrm{~mm}$


7 Put the pedestal on the 2 slope corrector


8 Put the pedestal set at $8 \%$ under the paving tile Set the height


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
(3) Set the height by unscrewing
the coupler C1-PB-4
and the head PB-3-TOP
Pedestal totally unscrewed


## Pedestal PB-5-NSC

Adjustment from 230 to $\mathbf{3 1 5 m m}$


NSC: Non SCrewed

Ref: AIP-10-PB-EN 02/08/2012@ copyright Buzon

How to assemble the pedestal PB-6-NSC Adjustable pedestal PB-6-NSC from 285 to $\mathbf{3 6 7 m m m}$

Screw the coupler into the base to the maximum


The security clip blocks after 3 threads to avoid the unscrewing of the head
Set the height by unscrewing the coupler and the head

Pedestal totally screwed


## Pedestal totally unscrewed



## Pedestal PB-6-NSC

Adjustment from 285 to $\mathbf{3 6 7 m m}$


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
Components Coupler C1-PB-4 PB-4-TOP

## 2 Unlock the security


a. Maintain the head totally unscrewed


3 Unscrew the head from the pedestal


Screw the coupler in the base to the maximum


Screw the head in the coupler

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



Example PB-7-NSC
Unscrew the head and the couplers to the maximum


Unlock the security clip from the coupler 1


2 Unlock the security of the head


3
Unscrew the head from the coupler


Security clip
 from the coupler 2


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


1
Insert the Rack Plug in the support BATTEN


2 Fix the support BATTEN with the white PIN TUBE


3
Insert the guides on the support



5 Regulate the height by turning the base of the pedestal


Ref: AIP-14-PB-EN 18/09/2011 © copyright Buzon

Components
$\square$ Pedestal PB Base + Head
$\square$
BC BATTEN Joist support


Guid

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


4 Put the 3 joists on the support and adjust with 4 guides BATTEN


2 Fix the support BATTEN with the white PIN TUBE


5 Adjust the height by turning the base of the pedestal


3 Insert the guides on the support


Buzon

How to place the joist support (Batten Holder) KIT-4 and a joist of maximum 65 mm on the pedestals PB Adjustable pedestals PB-01 to PB-11

## Components

 Base + Head

Pedestal PB + KIT-4


Put the Rack plug Medium in the centre of support KIT-4


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


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


4
Put the joist on the support KIT-4 and fix with screws




Spacer tabs $\mathbf{( 4 , 5 \mathrm { mm } )}$


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


Remove the spacer tabs in function of the position under the tile under the tile



Remove the CLIP-KIT-5


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