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The BC-FR pedestal

Fire resistant **Bfl-s1 Rated**



The BC-FR range (Bfl-s1 Rated)

Very robust, like all Buzon® products, the BC-FR pedestal is the ideal partner of designers. The Buzon® BC-FR pedestal is adjustable in height from 28 to 1025 mm and with optional slope correctors, allows to adjust for slope from 0 to 10%.

You can let your creativity run free thanks to its fixed or pivoting spacer tabs, entirely independent from one another. The BC-FR series pedestals are suitable for a variety of pavers of different dimensions with different spacing between the joints. Therefore, they enable laying of unusually shaped pavers.

COMPOSITION

1 TOP OF THE PEDESTAL

The top of the pedestal is screwed directly onto the base, or onto the raising sleeves. The top has a diameter of 145 mm and a surface area of 165 cm². It can be equipped with various accessories to support pavers of complex shapes (square, rectangular, triangular, hexagonal, circular, etc.) and various uses such as stone pavers, wooden terraces, industrial slatted flooring, etc.

2 COUPLER

The coupler is used to increase the height up to more than 215 mm. Two lateral hooks enable attaching the pedestals, guaranteeing a better stability.

3 BASE

The base can be simply laid or fixed on any type of compatible medium. The top, the inverter, the riser sleeves and the base are equipped with a security locking system. Base diameter 200 mm, surface 314 cm²

4 SLOPE CORRECTOR (0 TO 5%)

The DPH-PH5-FR slope corrector is placed on top of the pedestal, allowing for an additional slope compensation of 0 to 5%, with intervals of 0,5%

5 LOCKING KEYS

These keys lock the pedestal to the required height.

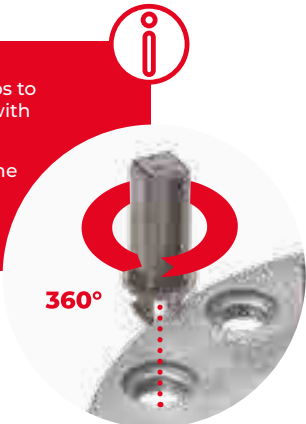
6 SLOPE CORRECTOR (0 TO 5%)

The BC-PH5-FR slope corrector is placed at the bottom of the pedestal, allowing for an additional slope compensation of 0 to 5%, with intervals of 0,5%



The BC-FR series takes on a new method of spacer tabs to separate the pavers, enabling a creative architecture with unlimited possibilities.

The circular and rectangular spacer tabs are fixed to the top of the pedestal. They enable a 360° rotation for perfect spacing between the pavers.



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The BC-FR series
Fire resistant

Classification: Bfl-s1

Technical information

Our range of Buzon BC-FR pedestals have been developed through extensive research to meet multi-national standards (example: **Singapore Civil Defense Force (SCDF)** for use as materials for floor construction*).

Their fire-resistance properties have been certified through of tests in accordance with European standards **EN 45545-2 (toxicity emission)** and **EN 13501-1 (smoke density and ease of ignition/fire spread)**.

*Reference FSR 10 : 2014 Fire Safety requirements for use of Plastics in Building Construction





		DPH-PH5-FR	DPH-PH5-FR	DPH-PH5-FR	DPH-PH5-FR	DPH-PH5-FR		DPH-PH5-FR	DPH-PH5-FR	DPH-PH5-FR	DPH-PH5-FR	DPH-PH5-FR	
		↓	↓	↓	↓	↓		↓	↓	↓	↓	↓	
BC-0-FR	BC-1-FR	BC-02-FR	BC-2-FR	BC-3-FR	BC-4-FR	BC-5-FR		BC-6-FR	BC-7-FR	BC-8-FR	BC-9-FR	BC-10-FR	BC-11-FR
11 mm	14 mm	28-40 mm	40-55 mm	55-85 mm	85-140 mm	116-200 mm		200-300 mm	230-360 mm	340-530 mm	450-695 mm	560-860 mm	670-1025 mm
↓	↓	↓	↓	↓	↓	↓		↓	↓	↓	↓	↓	↓
BC-PH5-FR	BC-PH5-FR	BC-PH5-FR	BC-PH5-FR	BC-PH5-FR	BC-PH5-FR	BC-PH5-FR		BC-PH5-FR	BC-PH5-FR	BC-PH5-FR	BC-PH5-FR	BC-PH5-FR	BC-PH5-FR

Our BC-FR range

Fixed Adjustable



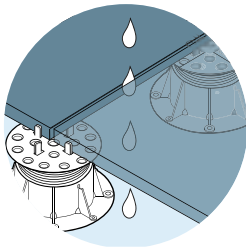
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Laying on pedestals

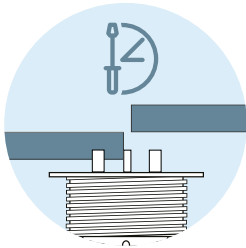
Creating a terrace in a conventional manner is not always easy. Expansion of the joints, difficulty to evacuate the water, control of the slopes, etc. All these problems strongly compromise the durability of the terrace. It's in this context that laying on pedestals quickly became a requirement, responding to all the constraints encountered on the sites.

A veritable precursor in the sector, Buzon® was able to respond to market expectations and develop solutions and products for all types of projects. Residential terraces, flat roof terraces, garden landscaping, fountain terraces, podiums, marquees, technical floors for industrial applications, etc. Buzon® offers solutions for every implementation.

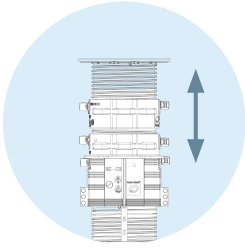
ADVANTAGES:



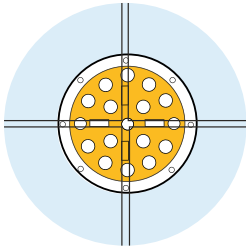
Presence of open joints avoiding all risks of cracking as compared to closed joints. Water evacuation made easier



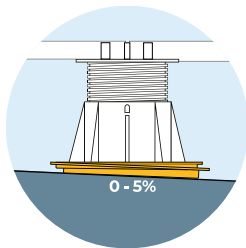
Quick and easy installation



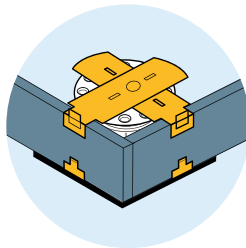
Pedestals adjustable from 28 to 1025 mm



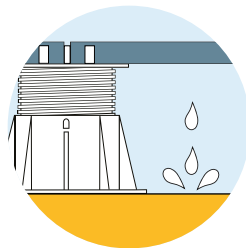
High stability thanks to a large top of the pedestal



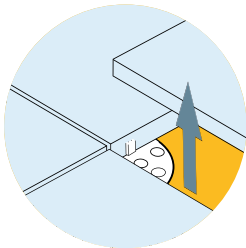
Easy and precise slope correction up to 5%



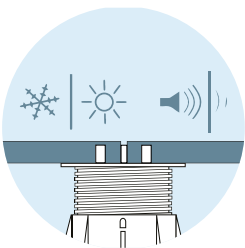
A broad series of accessories for the terrace finish



Respect of the waterproofing membrane



Easy access to the waterproofing membrane or substructure



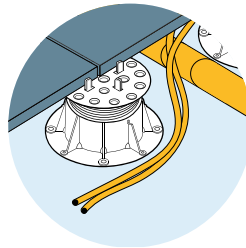
Better thermal and acoustic insulation



Sustainable solution



A system supporting heavy loads



Concealing technical equipment



100% recyclable



Slope correctors



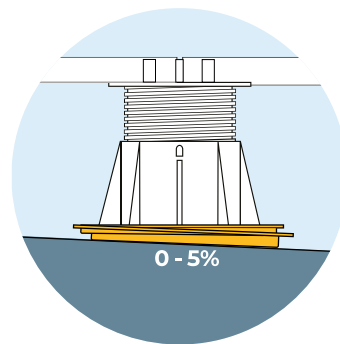
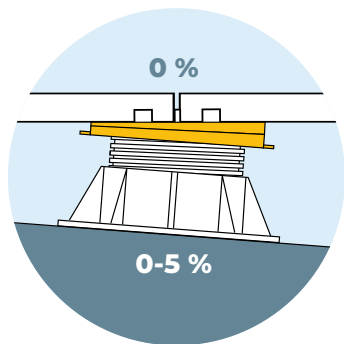
DPH-PH5-FR

The **DPH-PH5-FR** slope corrector sits on the pedestal head and is compatible with all adjustable pedestals from the BC-02-FR to BC-11-FR. It will add 9mm to the height of the pedestal.



BC-PH5-FR

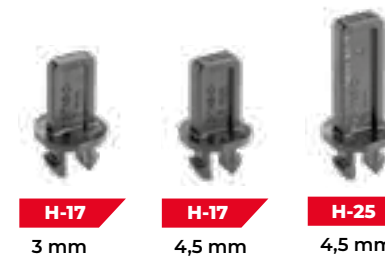
The **BC-PH5-FR** slope corrector is placed at the bottom of the pedestal, allowing for an additional slope compensation of 0 to 5%, with intervals of 0,5%



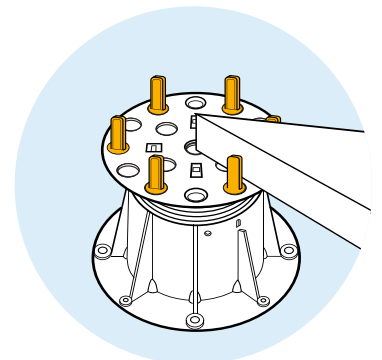
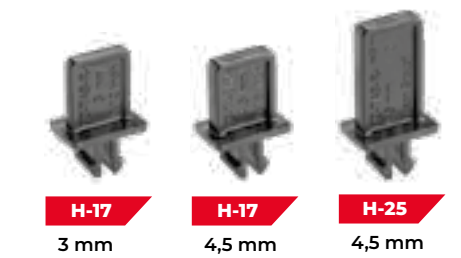
Spacer tabs

The spacer tabs are available in different thicknesses: **3 mm** and **4.5 mm**. They guarantee a uniform alignment of the pavers placed on the top of the Buzon® pedestal.

CIRCULAR SPACER TABS

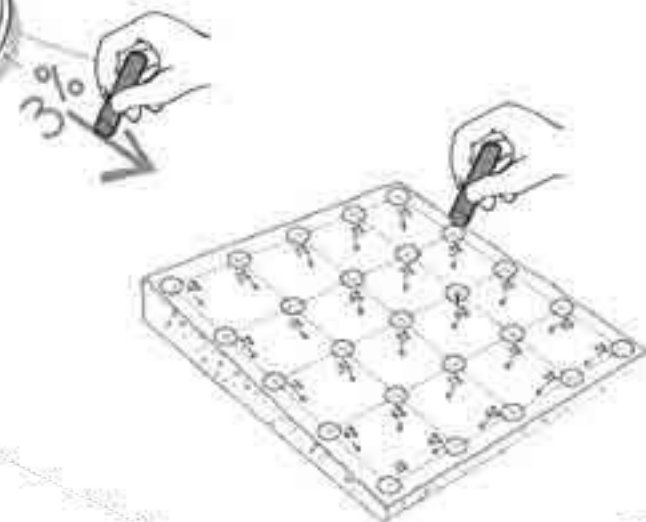


RECTANGULAR SPACER TABS



U-KIT-SL80 TOOL

The Buzon® **U-KIT-SL80** measures the value and direction of the slope at the point of placement. This information is essential for calculating slopes and so is an essential tool when using any of our slope correction systems.



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**Solutions
for every
project”**

Joist support

The **BC-KIT-5-FR** joist cradle attaches to the head of the BC range of pedestals. It firmly secures the joist to the pedestal for the installation of timber or composite terraces.



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BC-KIT-5-FR

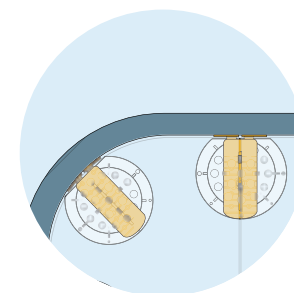
Perimeter Spacer

U-WALL-FR creates a uniform 5mm gap between the paver and the wall, enabling water flow which protects the terrace in the case of heavy rainfall, snow etc. It is placed on the top of the BC pedestal.

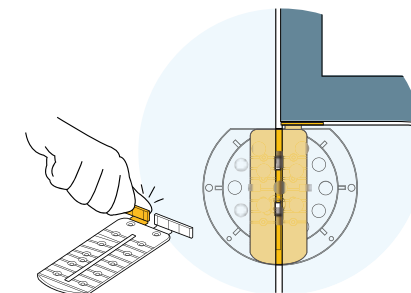


U-WALL-FR
Patented

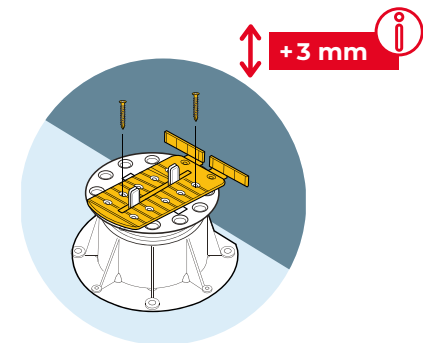
CHARACTERISTICS



With its flexible tile retainers, the U-WALL-FR can be installed on terraces of any shape: angular, curved etc. which makes installation easier and more efficient.



The spacer tabs can be detached to adapt to all types of layout.



U-WALL-FR can be fixed to the pedestals with screws to keep the pavers in place. It is also adjustable on the top of the pedestal to create an optimal gap.



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Paving support at the perimeter of the terrace

U-EDGE-FR is an adaptable support that attaches to the BC series pedestals. Due to its design, it creates a quick and easy solution to complete the installation at the edge of a terrace. It can be used with any size of spacer tab and all shapes of paving.



U-EDGE-FR
Patented

HOW TO USE THE U-EDGE SUPPORT?



U-EDGE-FR is a support enabling the installation of small pavers (from 2 to 14 cm wide) at the edge of the wall. These small pavers are placed on the support which can be screwed on to the pedestal.

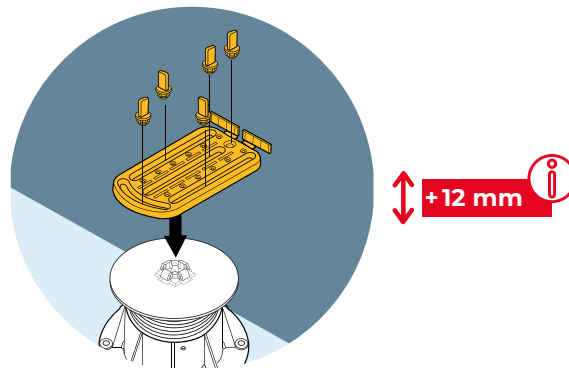
U-EDGE-FR allows to prevent small pavers or tiles, from moving at the perimeter of your terrace. The U-TABS-FR spacer tabs can slide and pivot when placed in the U-EDGE-FR, allowing the U-EDGE-FR to be placed at the perimeter, even when the open joint between the pavers is not perpendicular to the wall or vertical upstand.



U-TABS-FR
3 mm

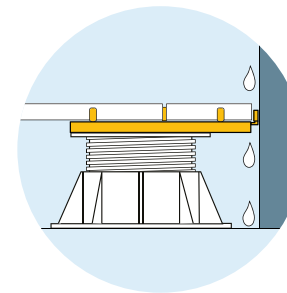


U-TABS-FR
4,5 mm

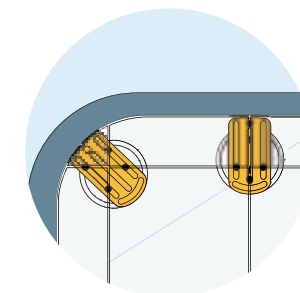


U-TABS-FR spacer tabs of **3 and 4.5 mm** thick are used with U-EDGE-FR. By fixing these in the required location, they create a gap between the paving keeping the smaller cuts evenly spaced and holds them securely in place.

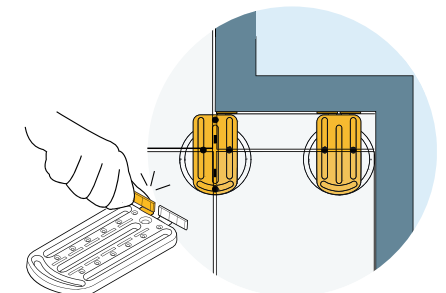
CHARACTERISTICS



U-EDGE-FR enables the creation of a space between the pavers and the wall keeping an even gap and enabling water flow which protects the terrace in the case of heavy rainfall, snow etc.



With its flexible tile retainers, U-EDGE-FR can be installed on terraces of any shape: angular, curved etc. which makes installation easier and more efficient.



The spacer tabs can be removed to adapt to all types of layout.










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SCREWED PEDESTALS

Code							
BC-0-FR	0,073 kg	294	600 x 400 x 410 mm	22,36 kg	25	580 kg	100 x 120 x 220 cm
BC-1-FR	0,144 kg	168	600 x 400 x 410 mm	25,09 kg	25	648 kg	100 x 120 x 220 cm
BC-02-FR	0,220 kg	84	600 x 400 x 410 mm	19,38 kg	25	505 kg	100 x 120 x 220 cm
BC-2-FR	0,310 kg	60	600 x 400 x 410 mm	19,50 kg	25	508 kg	100 x 120 x 220 cm
BC-3-FR	0,353 kg	42	600 x 400 x 410 mm	15,72 kg	25	414 kg	100 x 120 x 220 cm
BC-4-FR	0,450 kg	42	600 x 400 x 600 mm	20,22 kg	15	326 kg	100 x 120 x 220 cm
BC-5-FR	0,559 kg	30	600 x 400 x 600 mm	18,09 kg	15	292 kg	100 x 120 x 220 cm


ELEMENTS FOR COMPOSED PEDESTALS


Code							
BC-4-NSC-FR	0,450 kg	24	600 x 400 x 410 mm	12,21 kg	25	326 kg	100 x 120 x 220 cm
BC-5-NSC-FR	0,559 kg	24	600 x 400 x 600 mm	15,04 kg	15	246 kg	100 x 120 x 220 cm
BC-C3-FR	0,335 kg	48	600 x 400 x 600 mm	17,60 kg	15	285 kg	100 x 120 x 220 cm


ACCESSORIES


Code							
BC-PH5-FR	0,190 kg	42	480 x 240 x 400 mm	8,5 kg	50	442 kg	100 x 120 220 cm
DPH-PH5-FR	0,085 kg	120	520 x 350 x 410 mm	11,74 kg	35	432 kg	100 x 120 x 220 cm
BC-KIT-5-FR	0,019 kg						
BC-TAB-R-4,5MM-H 25	0,002 kg	2 400	390 x 280 x 145 mm	6,10 kg	130	813 kg	100 x 120 x 220 cm
BC-TAB-C-4,5MM-H 25	0,002 kg	2 400	390 x 280 x 145 mm	4,90 kg	130	564 kg	100 x 120 x 220 cm
BC-TAB-R-3MM-H17	0,002 kg	2 400	390 x 280 x 145 mm	5,14 kg	130	689 kg	100 x 120 x 220 cm
BC-TAB-R-4,5MM-H17	0,002 kg	2 400	390 x 280 x 145 mm	5,14 kg	130	689 kg	100 x 120 x 220 cm
BC-TAB-C-3MM-H17	0,002 kg	2 400	390 x 280 x 145 mm	4,80 kg	130	532 kg	100 x 120 x 220 cm
BC-TAB-C-4,5MM-H17	0,001 kg	2 400	390 x 280 x 145 mm	3,94 kg	130	532 kg	100 x 120 x 220 cm
U-KIT-SL-80 *	0,177 kg	1	235 x 210 x 40 mm	0,73 kg	-	-	-
U-WALL-FR	0,039 kg	24	220 x 220 x 65 mm	1,03 kg	620	652 kg	100 x 120 x 220 cm
U-EDGE-FR	0,086 kg	24	300 x 250 x 155 mm	2,28 kg	208	489 kg	100 x 120 x 217 cm
U-TABS-2 MM	0,001 kg	1200	410 x 320 x 95 mm	1,57 kg	-	-	-
U-TABS-3 MM	0,001 kg	1200	410 x 320 x 95 mm	1,57 kg	-	-	-


* Not fire resistant


 Weight of pedestal / accessory


 Weight of box + pedestal / accessory

 Box dimensions

 Pieces / box

 Weight / pallet

 Boxes / pallet

 Pallet dimensions



- **ALLOWS COMPLETE DRAINAGE**
- **QUICK AND EASY INSTALLATION**
- **HIGH STABILITY THANKS TO A LARGE TOP OF THE PEDESTAL**
- **EASY AND PRECISE SLOPE CORRECTION UP TO 5%**
- **DOESN'T DAMAGE THE WATERPROOFING MEMBRANE**
- **EASY ACCESS TO THE WATERPROOFING MEMBRANE**
- **BETTER THERMAL AND ACOUSTIC INSULATION**
- **PROVIDES A LONG-LASTING SOLUTION**
- **SUPPORTS HEAVY LOADS**
- **ALLOWS HIDING ELECTRICAL CABLES AND PLUMBING PIPES**





01



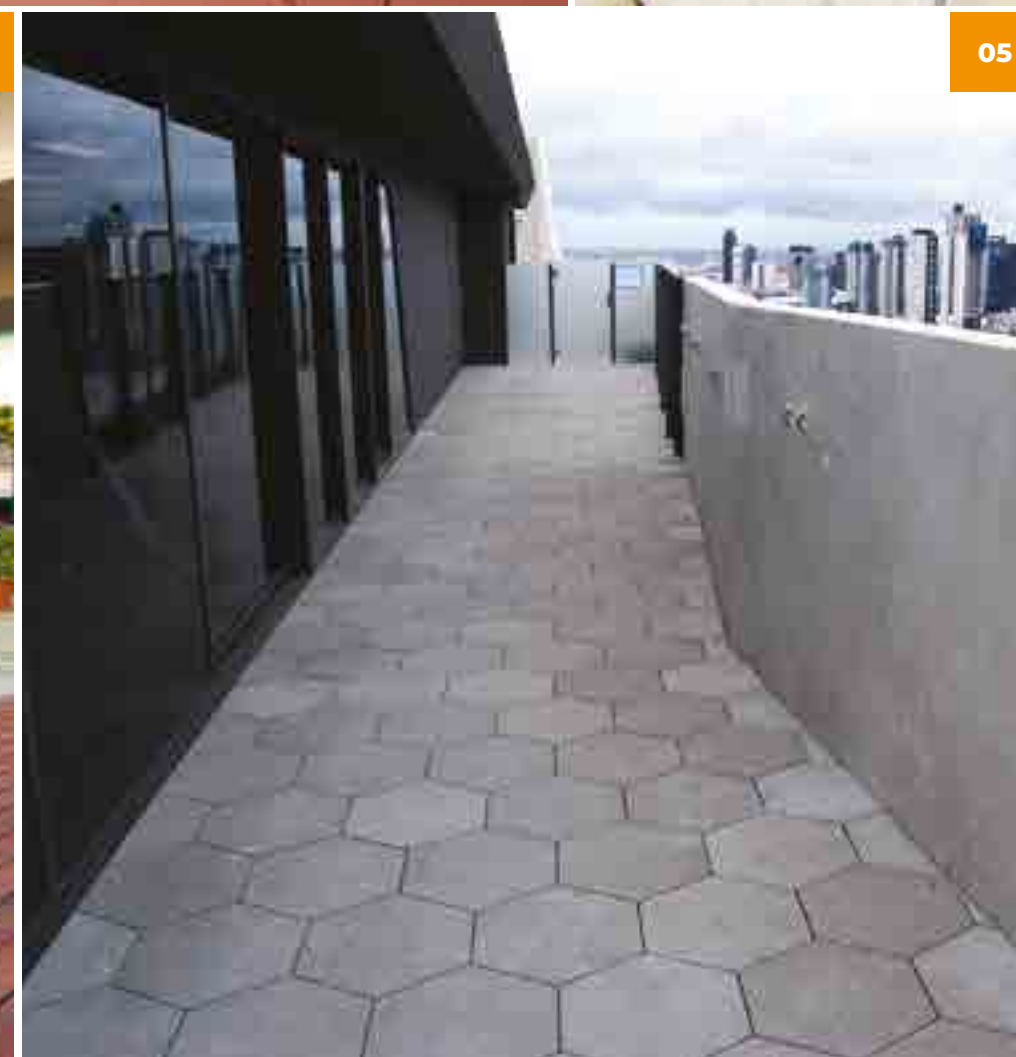
02



03



04



05

- 01 STEEL SLATS**
Defense Arch/
Paris - France
- 02 CERAMIC TILES**
Pompidou Centre
Metz - France
- 03 CONCRETE PAVERS - LOZANGE - SHAPED**
Herstal station/
Herstal - Belgium
- 04 WOODEN TERRACE**
Kwun Tong promenade/
Hong Kong/PRC
- 05 STONE PAVERS - HEXAGONIALLY SHAPED**
Albert Tower/
Melbourne - Australia

Application Examples with Buzon Pedestals

Notes

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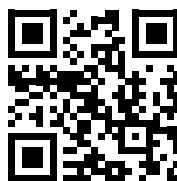


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