

# Buzon DPH Pedestals: Better Performing Rooftop Design



Buzon DPH Pedestals are fast gaining popularity by top architectural companies around the world. Used widely for the construction of raised floors and terraces on rooftop areas, the pedestals are also the preferred choice when it comes to the construction of water-features and fountains as well.

Besides its ease of use and high-speed nature of application, the pedestals can be employed on an assorted variety of paving materials such as stone, ceramic, cement or wooden tiles, timber decking, industrial gratings, etc, as well. In addition, it can be used on all types of substrates (bitumen waterproofing, coatings, PVC or EPDM roofings, etc).

Due to the patented slope compensation device PH5, the pedestals

can be placed on a sloping substrate of up to 5 percent (5m/100m), effectively eliminating the risk of puncturing the waterproofing membrane, while leaving the paving or decking material lying completely flat. Its better water drainage performance effectively expands the lifespan of the waterproofing membrane considerably.

It is now also possible to create even larger terrace areas without any design disrupting features such as valleys or ridges, gratings, drainage systems or access panels. The gap between the tiles allows the water to drain away freely, without the usual traces of water-ponding on top of roof terraces. Used for water features, this additional benefit dispels the need for sealants between the tiles.

Traditionally, such sealants have always been prone to dirt or algae, and accompanying changes in colour were difficult to avoid. Now thanks to the open joints between the tiles (where the width can be freely specified by the designer) and the improved water drainage performance, the original design and presentation of the water feature or roof terrace can be maintained for even a longer period of time.

Buzon pedestals are made of a highly durable UV-resistant polypropylene or transparent polycarbonate material (for use with illuminated floorings) and are equipped with a unique safety system to ensure the security and stability of the system. The smallest pedestals start at 17 and 25 mm. They are all millimetrically

adjustable in height (up to 620 mm or more, depending on the number of couplers used).

The use of Buzon DPH pedestals facilitates accessibility and the long term maintenance of the roof terrace or water feature. As it is designed to be a loosely laid system, every part can be easily accessed by lifting up the tiles whenever and wherever needed with a specially designed tool. As such, there is always a readily free access for maintenance of the water systems below (in case of a water fountain), or drains (in case of a roof terrace).

In addition, long term maintenance costs are sharply reduced as, for example in the case of a water leaking problem, there is no cement screed to be removed anymore, thereby allowing easy access for repair of the waterproofing membrane.

The Buzon DPH pedestal system is now being used in more than 35 countries worldwide. It has an excellent track record of international references that include: the Esplanade Project (Theatres on the Bay) and the Supreme Court Building in Singapore, the International Finance Centre (Hong Kong), the Petronas Towers (Malaysia), Roppongi Hills and the National Museum in Tokyo (Japan), the new Yongsang station in Seoul (South Korea), the renovated EU Commission building and the new European Parliament building in Brussels, the Bill Clinton Presidential Center, Arkansas and the Wynn Hotel and Casino resort in Las Vegas (USA).

Enquiry No: 03/212



## from 0 to 5% SLOPE CORRECTOR

### Buzon DPH® Pedestals

- Raised Floor System
- for Accessible & Waterproofed Terraces
- for Waterfountains & Water Features
- for ALL Types of Decking Materials



**手 HAND**  
It's more than a Stable Support,  
Perfectly Level in all Directions  
Even on sloping Substrate

**DPH**  
**Buzon**

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