

New DPH Generation of Buzon

BUZON Pedestal International specialises in the design, development and commercialisation of a screwjack pedestal system for all types of raised floors, terraces, pedestrian areas, timber decking etc.

The Buzon pedestal system is increasingly replacing traditional cement screed, in the construction of accessible terraces on flat roofs. The system has acquired an impressive track record with applications in more than 35 countries around the world. International project references include the new Parliament Building of the European Union, and the Berlaymont building of the European Commission, in Brussels, Belgium; Esplanade-Theatres on the Bay, in Singapore; the International Finance Center, in Hong Kong SAR; and the Roppongi Hills Project, in Tokyo, Japan.

The Buzon pedestal system offers several advantages to architects and users.

Available in various, easily adjustable heights, from a minimum of 17 mm to 620 mm and even higher (under specific conditions), floors can now be raised to create barrier-free accessible terraces. The architect can also now design a roof garden at the same height as the walking area.

The pedestals are UV-resistant, have high chemical resistance, and can withstand various weather conditions and climates.

The Buzon DPH pedestal system offers architects the possibility of using a wide range of decking materials such as natural stone, cement or ceramic tiles, wooden tiles, industrial gratings, timber decking, glass tiles etc. Buzon pedestals, with a top surface of 190 sq cm, clearly stand out.

With the system, it is possible to specify the spacing between the tiles used. This feature is particularly important when, for example, the same spacing is desired between the tiles on the terrace and between the tiles on the walls. Moreover, the replaceable spacer tabs (available in 2 mm, 4.5 mm, 6 mm and 10 mm thicknesses) can freely rotate on top of the pedestal, allowing for easy installation.

Buzon DPH pedestals can be easily installed on any type of substrate, such as roofing membranes (including EPDM), insulation boards, cement screed, etc. The pedestals are supported by a large base of 320 sq cm, enabling installation directly on all types of roofing membranes and even directly on top of insulation panels.

By using the patented PH-5 slope compensation device, for which Buzon Pedestal International won the Silver Medal for Innovative Products at BATIMAT 1997, the international building exhibition in Paris, the pedestals can compensate for a slope of 0% to 5%. As a result, the terrace or raised floor will always be level. Furthermore, with the possibility of specifying a slope of up to 5% for the substrate below, superior drainage of water and improved durability of the waterproofing are ensured. Design-wise, the PH-5 offers the architect the possibility to design a flat terrace, without valleys or ridges.

Buzon pedestals are equipped with a safety system so that always a minimum of 3 ribs are inserted into each other, to ensure the stability and safety of a terrace or raised floor. Moreover, once installed, it is impossible to release the head, coupler and base, from each other, as they form one solid block.

Each part of the Buzon pedestal system uses a minimum thickness of 4 mm or 5 mm of polypropylene. Depending on the height, the pedestals can withstand a load of up to 1000 kg / pedestal (a 50% safety margin is included). The higher pedestals are equipped with reinforcement ribs to further improve the strength and resistance.

In response to requests by many architects, Buzon is now offering a transparent version of the pedestals. These are made of UV-resistant polycarbonate and are especially useful in the installation of glass tiles and industrial gratings.

Buzon Pedestal International was established in 1987, with the head office in Herstal, near Liege in Belgium, and production at two factories. The company has also regional sales offices in Tokyo, Japan (for Asia) and in Dubai, UAE (for the Middle East). PH-5

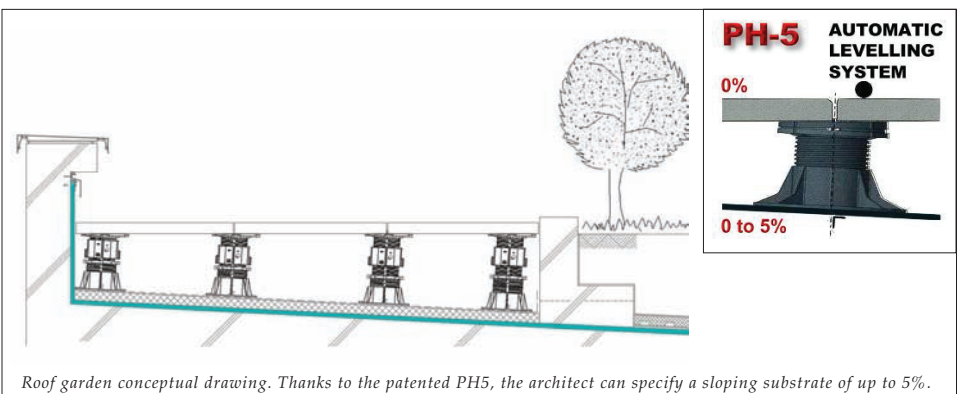
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Canal Court Public Housing project in Tokyo, Japan: tiles 600 x 600 x 60 mm, covered heights from 240 to 600 mm, over a total area of 3000 sq m.



The Buzon DPH pedestal system ensures security and stability.



Roof garden conceptual drawing. Thanks to the patented PH5, the architect can specify a sloping substrate of up to 5%.

pedestals

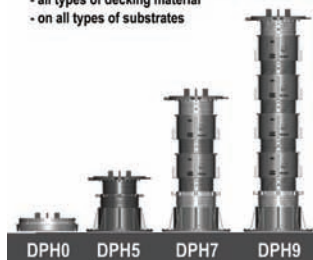


Esplanade - Theatres on the Bay : The Buzon DPH pedestal system is increasingly used for water features as well.

**17-620mm
ADJUSTABLE
HEIGHT**

Buzon DPH® Pedestal System

- for raised floors, terraces, water features, etc.
- all types of decking material
- on all types of substrates



腿 LEG
It's more than a Stable Support.
Great Strength at All Heights



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