

## SCREWJACK PEDESTALS BUZON PEDESTAL INTERNATIONAL



The company Buzon Pedestal International (BPI), located at Herstal near Liege in Belgium, is a highly specialised company, active in the design, development, production and commercialisation of a unique system of pedestals used for all types of raised floors, terraces, pedestrian areas, timber deckings, etc.

The Buzon pedestal system can be considered to be the leading system for the construction of raised floors and terraces. With a proven track record, it is being used in more than 25 countries in the world, including at prestigious projects such as the new Parliament Building of the European Union in Brussels, Belgium, the new head office building of the European Commission, also in Brussels, Belgium, the splendid new national theatre, Esplanade - Theatres on the Bay, in Singapore, the International Finance Centre, Hong Kong, and the large Roppongi Hills project in Tokyo, Japan.

The Buzon pedestal system offers complete coverage for all heights, from a minimum of 17 mm to a maximum of 700 mm. Under specific conditions, the height can be increased to higher levels. The two smallest pedestals DPH0 and DPH 1 are fixed (17 mm and 28 mm respectively), and from the DPH2 on (starting at 35 mm), the pedestals are millimetrically adjustable in height.

For architects, the Buzon pedestal system presents the possibility to use whatever type of decking material, be it natural stone tiles, ceramic tiles, wooden tiles, industrial gratings, timber decking, etc. A new and revolutionary timber decking system without the use of any screws during assembly, will be available starting from spring 2004. This system, which will be named DPH-CLIPS-WOOD, will make use of the DPH pedestals and an ingenious clip system to easily and quickly assemble a complete timber decking terrace without using one screw.

With the Buzon pedestal system, another key benefit to architects is the freedom to specify the width and space between the tiles used. This unique feature is much appreciated when, for example, the same space between the tiles on the terrace and the tiles on the walls is required. Moreover, the spacer tabs (available in 2mm, 4.5mm, 6mm and 10mm thickness) can freely rotate on top of the pedestal, allowing for easy installation (important when heavy tiles are installed).

The pedestals are resistant to UV, can withstand various weather conditions (temperatures from -20 to +120°C), and are highly resistant to chemical products. With a top surface of 190cm<sup>2</sup>, the Buzon pedestal system clearly stands out in the field.

Buzon screwjack-pedestals can be easily installed on whatever type of substrate, be it roofing membranes (incl. EPDM), insulation boards, or cement screed, etc. The pedestals are supported by a base of 320cm<sup>2</sup>, which enable installation directly on all types of roofing membranes and even directly on top of insulation panels.

By using the unique and patented PH-5 slope compensation device, for which BPI won the Silver Medal for Innovative Products at the Batimat trade fair in Paris in 1997, the Buzon pedestals can compensate for a slope of 0 to 5 percent. As a result, the terrace or raised floor will always be perfectly level. The innovation also allows one to specify a slope of up to 5 percent for the substrate below, which results in superior drainage and improved durability of the waterproofing.

Buzon pedestals are equipped with a safety system so that a minimum of three ribs are always inserted into each other, ensuring a high stability and a safe application of your terrace or raised floor. One solid block is achieved upon installation, and it is impossible to release the head, coupler and base from each other.

Each part of the Buzon pedestal system uses a minimum thickness of 4 or 5mm of polypropylene. Depending on the height, the pedestals can withstand a load of up to 1,000kg per pedestal. The higher pedestals are equipped with reinforcement ribs to further improve the strength resistance.

Last but not least, on request of many architects, Buzon now offers a transparent version of the pedestals, made in polycarbonate. This is especially useful for glass tiles and industrial gratings, increasingly used by architects for their industrial look.

For further details, visit [www.buzon-world.com](http://www.buzon-world.com).

**Top: Buzon screwjack pedestals were used in the construction of this water feature at the Esplanade - Theatres on the Bay in Singapore.**