



## **OPERATIONS & MAINTENANCE MANUAL**



Date 7<sup>th</sup> June 2023

## PRODUCT DESCRIPTION

**BALANCE PEDESTALS** – Adjustable Height Pedestals with self-levelling headpiece for use with suspended paving, tiling and decking systems.

25 to 392mm in height – injection moulded support pedestals made from virgin fibre Polypropylene (PP) with no fillers. Supplied with acoustic, anti slip shim fitted to headpiece.

Packed into boxes of 25 units each. Weight tolerance per unit = 683kg.

## PHYSICAL AND CHEMICAL PROPERTIES

<b>MATERIAL</b>	Virgin fibre injection moulded polypropylene
<b>WEIGHT TOLERANCE</b>	683kg
<b>MAX TEMPERATURE</b>	Plus 75 ° C
<b>MIN TEMPERATURE</b>	Minus 40 °C
<b>BASE PLATE DIAMETER</b>	200mm or 150mm
<b>HEADPIECE DIAMETER</b>	120mm
<b>LUG WIDTH</b>	2mm or 4mm
<b>LUG HEIGHT</b>	10mm or 20mm
<b>CODE</b>	<b>DESCRIPTION / SIZE</b>
SP-BAL-025-Z	25-50mm BALANCE Pedestal (with 2 extension plates)
SP-BAL-047-Z	47-62mm BALANCE Pedestal
SP-BAL-062-Z	62-82mm BALANCE Pedestal
SP-BAL-077-Z	77-112mm BALANCE Pedestal
SP-BAL-107-Z	107-142mm BALANCE Pedestal
SP-BAL-137-Z	137-172mm BALANCE Pedestal
SP-BAL-167-Z	167-202mm BALANCE Pedestal
SP-BAL-197-Z	197-232mm BALANCE Pedestal
SP-BAL-222-Z	222-257mm BALANCE Pedestal
SP-BAL-252-Z	252-287mm BALANCE Pedestal
SP-BAL-282-Z	282-317mm BALANCE Pedestal
SP-BAL-312-Z	312-347mm BALANCE Pedestal
SP-BAL-342-Z	342-377mm BALANCE Pedestal
SP-BAL-EXTRA-097-Z	97-147mm BALANCE EXTRA Pedestal
SP-BAL-EXTRA-137-Z	137-227mm BALANCE EXTRA Pedestal
SP-BAL-EXTRA-222-Z	222-392mm BALANCE EXTRA Pedestal

<b>Fire classification</b>	All Adjustable Pedestals are classified as "EUROCLASS E" according to EN 13501-1:2009 – <b>Special Class B pedestals can be manufactured by special request</b>
<b>Appearance</b>	Black injection moulded pedestal Shim in black or yellow colour
<b>Odour</b>	None
<b>pH</b>	n/a
<b>Boiling point</b>	n/a
<b>Softening point</b>	>75°C
<b>Flash point</b>	n/a
<b>Fire classification</b>	EuroClass E
<b>Toxicity</b>	These products are not classified as toxic

## PRODUCT LITERATURE

Included as Appendix A

## PRODUCT INSTALLATION

To be used on predominantly flat decks. Units to be placed onto the structural decks, sufficiently strong to tolerate the weight of the system. Waterproofing membranes to be adequately protected before installation of units to prevent point loading and / or puncturing of membrane.

Pedestals are loose-laid without mechanical fixings or adhesive. Paving slabs, tiles or decking joists are placed onto headpieces and telescopic stems are twisted to alter the height of the pedestals so that the tiles / slabs / decking boards are flat and level in height.

Pedestals placement is based on many factors and our technical staff can help advise recommended placement but typically we would not recommend exceeding 600mm span between pedestals.

## MAINTENANCE DETAILS

Products are designed to be covered and not disturbed in the long-term. Cavities between the structural deck and the timber should be inspected at occasional intervals to ensure drainage channels do not become blocked and flammable material does not collect. Jets of water should be used to remove limited amounts of debris, taking care not to block up or damage drainage outlets. For large or compacted debris build-up, removal of the tiles / slabs / decking boards and removing the debris by hand or machine may be required.

## **HAZARDS IDENTIFICATION**

The major hazards identified for these products are physical and include manual handling.

## **FIRST-AID MEASURES**

In event of cuts or injury, wash out wound with plenty of clean water. Seek medical attention.

## **FIRE-FIGHTING MEASURES**

These products do not constitute a fire hazard. Use extinguishing media appropriate to the surrounding fire conditions.

## **ACCIDENTAL RELEASE MEASURES**

Damaged product can be taken up and disposed of to landfill as inert waste if necessary; however recycling is the preferred method of disposal. As supplied, the products are not classified as hazardous.

## **HANDLING AND STORAGE**

When handling product, due regard should be paid to the risks outlined in the Manual Handling Operations Regulations 1992, appropriate PPE should be used. When cutting the product with a saw, appropriate measures to control dust should be used. The product should be stored in a safe and stable manner.

## **PERSONAL PROTECTIVE EQUIPMENT:**

Wear suitable protective clothing e.g. overalls, gloves and safety boots to reduce the chances of physical injury while using this product.

Local Exhaust Ventilation, goggles and a dust mask to the relevant European standard (EN149) may be required if a cutting method that liberates dust is used.

## **ECOLOGICAL INFORMATION**

Subsequent to manufacture, this is a stable product with no known adverse environmental effects.

## **DISPOSAL CONSIDERATIONS**

Dispose of this product at any approved solid waste disposal site but recycling is best and recommended method of disposal. Wallbarn Universal pedestals are made from virgin fibre Polypropylene and therefore will make for a higher quality recycled product. Disposal of the product should be in accordance with any local or national regulations although recycling is preferred.

## **WARRANTIES**

A limited warranty exists that the products will comply with the test data as laid out earlier in document. Warranty is limited to replacement of products which have been installed in the correct manner and for the correct purpose only. Warranty is limited to the value of the cost price of the materials only, not replacement costs or any other labour cost.

## **TRANSPORT INFORMATION**

Classification for conveyance: - None required.

## **KEY CONTACTS**

Wallbarn Ltd.

Unit 16 Capital Business Centre, 22 Carlton Road, South Croydon CR2 0BS

Tel: +44 (0)208 916 2222 Fax: +44 (0)208 916 2223

Email: [sales@wallbarn.com](mailto:sales@wallbarn.com)

Web: [www.wallbarn.com](http://www.wallbarn.com)

## APPENDIX A: WALLBARN PRODUCT BROCHURE

The following table summarizes the documents referenced in this document.

Document Name	Location
Support pads for paving and decking brochure	<a href="https://www.wallbarn.com/pedestals-2/balance/">https://www.wallbarn.com/pedestals-2/balance/</a>
Wallbarn Ltd Terms & Conditions	<a href="https://www.wallbarn.com/terms-conditions-of-supply/">https://www.wallbarn.com/terms-conditions-of-supply/</a>
<b>Accessories for Balance Pedestals</b> Metal Edge Plate Ventus Uplift bracket Pedestal Column Extender Rubber Crumb Acoustic Pad Levelling Shims Column Extender	<b>Links</b> <a href="https://www.wallbarn.com/pedestals-2/metal-edging-plate/">https://www.wallbarn.com/pedestals-2/metal-edging-plate/</a> <a href="https://www.wallbarn.com/pedestals-2/wind-uplift-bracket/">https://www.wallbarn.com/pedestals-2/wind-uplift-bracket/</a> <a href="https://www.wallbarn.com/pedestals-2/pedestal-column-extender/">https://www.wallbarn.com/pedestals-2/pedestal-column-extender/</a> <a href="https://www.wallbarn.com/pedestals-2/rubber-crumb-acoustic-pad/">https://www.wallbarn.com/pedestals-2/rubber-crumb-acoustic-pad/</a> <a href="https://www.wallbarn.com/pedestals-2/accessories/">https://www.wallbarn.com/pedestals-2/accessories/</a> <a href="https://www.wallbarn.com/pedestals-2/pedestal-column-extender/">https://www.wallbarn.com/pedestals-2/pedestal-column-extender/</a>



## LIMITED WARRANTY

Date: 1<sup>st</sup> January 2023

Wallbarn Ltd provides a limited warranty of 15 years for products. This Warranty corresponds to the performance and strength characteristics given in the published technical datasheets. Wallbarn Ltd warrants that, under normal use and service conditions, and where the products have been installed in the proper manner, Wallbarn Ltd products shall be free from material defects in workmanship and materials, shall not crack, splinter, swell, rot or suffer structural damage from damp or fungal decay.

If a defect occurs within the Warranty Period, the Purchaser shall notify Wallbarn Ltd in writing and, after investigation and confirmation of the defect(s) by a Wallbarn Ltd representative, Wallbarn Ltd's sole responsibility shall be limited to replacement of the affected products or to refund the Purchaser up to the maximum value of the Sales Invoice.

This warranty is null and void if:

- The products are not installed in the proper manner as detailed in official Wallbarn Ltd product catalogues, installation guides and technical datasheets.
- The products are not used for the purposes they are intended, as detailed in official Wallbarn Ltd product catalogues, installation guides and technical datasheets.
- Excessive weights, higher than the maximum weight as detailed in official Wallbarn Ltd product catalogues, installation guides and technical datasheets are placed onto the products.
- The products are installed in contravention of any relevant building regulations, code or standards.
- Any relevant building regulations, code or standards, including fire safety regulations are breached on the project during the construction process.
- There is movement, distortion, collapse or settling of the supporting structure on which Wallbarn Ltd products are installed.
- Any abnormal natural event such as flooding, hurricane, earthquake, lightning, etc, occurs.

This limited warranty does not cover any living product or any product which sustains life. This includes sedum and other plants and substrate mixes for M-Tray® and any other green roof system. The living and growing elements of M-Tray® and other green roof systems are specifically excluded from this Warranty.

This Warranty is limited to the maximum amount of the Sales Invoice and Wallbarn Ltd is not liable for any costs of examination, removal or installation of products. Wallbarn Ltd will not be responsible for any costs or expenses incurred during removal and replacement, including labour or transport costs.

This warranty is given only if the products are used for the purposes they are intended, as detailed in official Wallbarn Ltd product catalogues, installation guides and technical datasheets and are installed in the correct manner.

To make a claim under this Limited Warranty, the Purchaser should contact Wallbarn Ltd with a full report of the defects within the Warranty Period, including photographic evidence and proof of purchase. Any claim should be made to [sales@wallbarn.com](mailto:sales@wallbarn.com) as soon as possible by the Purchaser.

Our Terms & Conditions of Supply <https://www.wallbarn.com/terms-conditions-of-supply/> can be found here.



Wallbarn Ltd :  
Unit 16 Capital Business Centre : 22 Carlton Road : South Croydon : CR2 0BS  
[www.wallbarn.com](http://www.wallbarn.com)