



## **OPERATIONS & MAINTENANCE MANUAL**

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Date

## 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, 4mm or 6mm
<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 to be placed a maximum of 600mm apart.

## 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. Sparks may be generated from cutting processes.

## **FIRST-AID MEASURES**

In event of cuts and damage from dropped timber, 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. 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**

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## 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>