



OPERATIONS & MAINTENANCE MANUAL

FIXED HEIGHT PAVING & DECKING PADS

Date 11 October 2021

PRODUCT DESCRIPTION

FIXED HEIGHT PAVING & DECKING PADS – support pads for suspending 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 various quantities. Weight tolerance varies according to product specification.

PHYSICAL AND CHEMICAL PROPERTIES

SP-PLA-014-Z 14MM THICK PLASTIC SUPPORT PAD

SP-PLA-017-Z 17MM THICK PLASTIC SUPPORT PAD

Material	HDPE		
Height	14mm 17mm		
Shims Available	1mm 2mm 3mm		
Outer Diameter	150mm		
Inner Diameter	80mm		
Lug Width	4mm		
Lug Height	10mm		
Weight tolerance		1,000kg	
Melt Flow rate		14-16 Gr / 10'	ASTM D 238
Weight / density		0.99-1.04 Gr / cm ³	ASTM D 792 Method A
Softening point with load of 5kg (VICAT test)		> 75 °C	ASTM D 1525
Minimum temperature tolerance		-40 °C	
Heat Deflection Test with load of 1820 kPa		> 90 °C	ASTM D 648
Coefficient of elasticity		1600 Mpa	ASTM D 790
Impact resistance (Izod test - at 23°C)		>40 J/m	ASTM D 256
Impact resistance (Izod test - at minus 20°C)		>20 J/m	ASTM D 256
Fire rating		EUROCLASS E	EN 13501-1:2009
Special CLASS B1 (EN 13501-1:2009) can be manufactured upon request.			

SP-RUB-009-Z

9MM THICK RUBBER PAVING SUPPORT PAD



Material	Synthetic / natural rubber compound
Thickness/ Height off Surface	9mm
Lug width (Height between Paving Slabs)	5mm
Weight Tolerance / Bearing Capacity	8,000Kg
Outer Diameter	120mm
Inner Diameter	55mm
Lug Height	9mm
Number of Drainage Channels	8 Channels per pad
Width of Drainage Channels	4mm per Channel

SP-RUB-007-DECKING-Z

7MM PVC TIMBER DECKING PAD

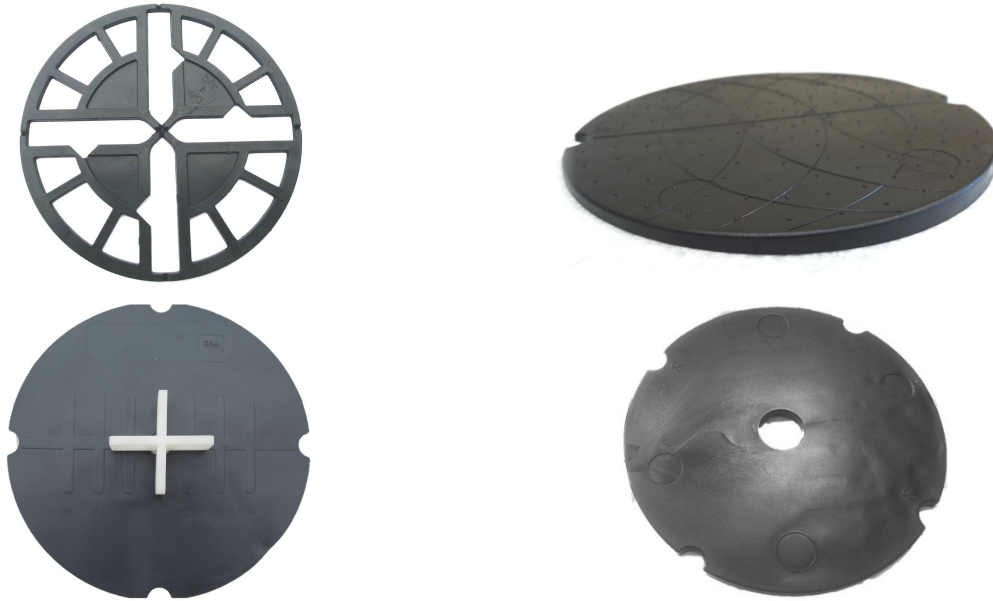
SP-RUB-007-PAVING-Z

7MM PVC PAVING PAD



Material	PVC
Thickness	7mm
Outer Diameter	150mm
Weight Tolerance / Bearing Capacity	8,000Kg
Paving, lug width (distance between paving slabs)	2mm standard width (4mm,6mm,8mm and 10mm also available)
Fixing points on TD plus headpiece	2
Timber decking, distance between lugs	60mm
Lug Height	15mm
Number of drainage channels	6

SP-RUB-0025-Z 2.5MM THICK RUBBER SHOCK ABSORBING SHIM
 SP-RUB-003-Z 3-8MM ADJUSTABLE PVC WEDGE
 SP-RUB-005-Z 5MM THICK PVC SUPPORT DISC - WITHOUT HEADPIECE



Material	PVC
Thickness	5mm
Outer Diameter	150mm
Weight Tolerance / Bearing Capacity	8,000Kg
Appearance	Flat Disc both sides
Optional Accessory	
Width of Cross Spacers available (distance between paving slabs)	3mm, 4mm and 5mm
Cross Spacer Height	20mm

Fire classification	All Adjustable Pedestals are classified as “EUROCLASS E” according to EN 13501-1:2009 – Special Class B pedestals can be manufactured by special request	
Appearance	Black injection moulded pedestal Shim in black or yellow colour	
Odour	None	
pH	n/a	
Boiling point	n/a	
Softening point	>75°C	
Flash point	n/a	
Fire classification	EuroClass E	
Toxicity	These products are not classified as toxic. However, Wallbarn declares that the products contain a substance SVHC in concentration above 0.1% weight by weight:	
	Product Code	Description
	SP-RUB-003-Z	3-8mm Adjustable PVC wedge
	SP-RUB-005-Z	5mm thick PVC support disc - without headpiece
	SP-RUB-007-DECKING-Z	7mm PVC Timber Decking Pad
	SP-RUB-007-PAVING-Z	7mm PVC Paving Pad
	SP-RUB-007-Z	7mm PVC disc - without head

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. The following compliance statement applies for the products listed below:

In accordance with Art. 33 of the Regulation (EC) No 1907/2006 of the European Parliament and of the Council on the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH), Wallbarn Ltd shall disclose if any of its products supplied contain Substances of Very High Concern (SVHC) in a concentration above 0.1% weight by weight.

Following the last update of the Candidate List SVHC on 08 July 2021, Wallbarn declares that the products listed below contain a substance SVHC in concentration above 0.1% weight by weight. The substance is:

Chlorinated paraffins C14-C17 CAS: 85535-85-9

CE: 287-477-0

Index number: 602-095-00-X

CLP 1272/2008 classification: Lact. H362, Aquatic Acute 1 H400, Aquatic Chronic 1 H410, EUH066

Products Covered:

Product Code	Description
SP-RUB-003-Z	3-8mm Adjustable PVC wedge
SP-RUB-005-Z	5mm thick PVC support disc - without headpiece
SP-RUB-007-DECKING-Z	7mm PVC Timber Decking Pad
SP-RUB-007-PAVING-Z	7mm PVC Paving Pad
SP-RUB-007-Z	7mm PVC disc - without head

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 should be disposed of in accordance with the REACH procedures under the rules (EC) No 1907/2006. No products listed above within these regulations should be sent to landfill.

Recycling is the preferred method of disposal. As supplied, the products are not classified as hazardous, subject to (EC) No 1907/2006.

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

Please refer to (EC) No 1907/2006 of the European Parliament and of the Council on the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH).

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 and the regulations within (EC) No 1907/2006 of the European Parliament and of the Council on the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH).

Recycling is preferred method of disposal.

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	https://www.wallbarn.com/pedestals-2/fixed-height/
Wallbarn Ltd Terms & Conditions	https://www.wallbarn.com/terms-conditions-of-supply/