

RPA-FR Non-Combustible Self-levelling Paving Support Pedestal

Patent application number:
GB2114763.2
PCT/EP2022/078407

Overview

The RPA-FR Non-Combustible Self-Levelling Paving Support Pedestal is an advanced paving pedestal equipped with built-in, lockable slope correction. Constructed from steel and zinc-nickel electroplated for corrosion resistance, this pedestal offers precise millimetric adjustment across a wide height range, providing a flexible yet sturdy solution.

- Ball and socket securable head design for slope correction
- Suitable for all calibrated paving types, including porcelain, concrete, and natural stone
- Locking ring ensures absolute stability
- Integrated metal spacer tabs
- Ideal for terraces, podiums, roof decks, and inset balconies
- Holes in the base for optional fixing to the substrate



Details

Material	Zinc-nickel electroplated mild steel
Dimensions	Head size: 90mm x 90mm Base Size: 124mm x 124mm
Slope correction	10.5% (6°)
Spacer tab thickness	4mm

Performance

Cyclic wind load testing (EOTA Technical Report TR005:2003)	See “Compatible system” data
Reaction to fire (BS EN 13501-1)	Inherently A1 (Decision 94-611/EC)
Compressive strength	2200kg + per pedestal
Allowable load	See “Compatible system” data
Biological and chemical	Resistant to moulds, algae, alkali, bitumen, UV
Warranty	30 years
Design life	60 years
Global Warming Potential (verified by EPD)	4.09kgCO2/kg

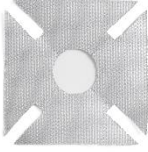




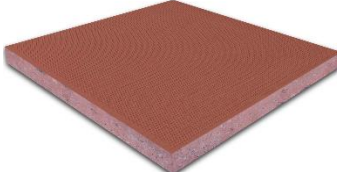

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Part information

Part Code	Height rage	Weight	Pack quantity
RPA-FR-1	35-40mm	0.64kg	25
RPA-FR-2	40-50mm	0.68kg	25
RPA-FR-3	50-70mm	0.7kg	25
RPA-FR-4	70-110mm	0.76kg	25
RPA-FR-5	110-190mm	0.92kg	25
RPA-FR-6	190-305mm	1.11kg	15
RPA-FR-7	305-405mm	1.28kg	15
RPA-FR-8	405-505mm	1.39kg	15

Compatible components

	HSP Non-Combustible Head Shock Pad		BRSP Base Rubber Shock Pad
	ESC Edge Spring Clip		SP Spreader Plate
	PT-QU Quadro Porcelain Paver		CP-AD Adira Concrete Paver
	RFC-WU Retrofit Wind Uplift Clip		

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