

ARBORPAD FIXED HEIGHT SUPPORTS for paving and decking

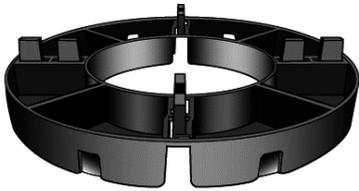
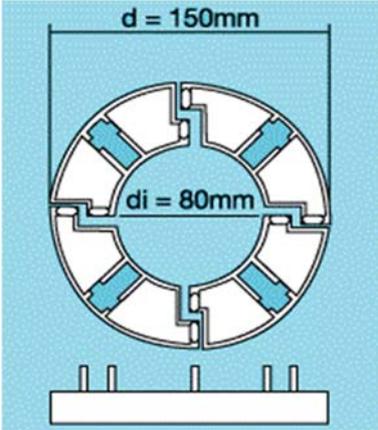
WEIGHT TOLERANCE & TEST DATASHEET

Description: Fixed supports made from HDPE designed to raise paving slabs or timber joists off the deck, allowing the roof to be ventilated and leave easy access for inspection.

Design: They are ring shaped and have a smooth, flat base which comes into contact with the deck and bearing bars on the hollow inside to provide strength and weight bearing. There are four positioning lugs to provide a straight paving line or to place a joist between.

Characteristics: Each support is a single piece which is easily divided into four parts where particular shapes are required. Quadrants and semi circles can be created. A timber joist can be inserted between the four lugs in the centre of the pad to support timber deck boards.

Technical data: The HDPE supports can withstand a temperature range from -40 °C to +75 °C. This material is particularly resistant to sudden temperature changes; it resists acids, alkalines and atmospheric agents.

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.

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