



## WALLBARN PLASTIC FIXED HEIGHT SUPPORTS

### WEIGHT TOLERANCE & TEST DATASHEET

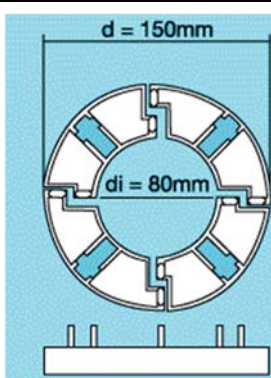


Product	Thickness/ Height	Outer Diameter	Inner Diameter	Lug Height	Lug Width
1mm shim	1mm	150mm	54mm		
2mm shim	2mm	150mm	54mm		
3mm shim	3mm	150mm			
14mm support pad	14mm	150mm	80mm	10mm	4mm
17mm support pad	17mm	150mm	80mm	10mm	4mm

**Description:** Fixed supports made from recycled polypropylene designed to raise paving slabs 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.

**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.

**Technical data:** The polypropylene supports are made from 100% recycled plastic and 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 made from recycled material		
Height	14mm 17mm		
Shims	1mm 2mm 3mm		
Outer Diameter	150mm		
Inner Diameter	80mm		
Lug Width	4mm		
Lug Height	10mm		
Diameter of Base	200mm		
		Score	Test Method
Weight tolerance		1,000kg	
Melt Flow rate		14-16 Gr / 10'	ASTM D 238
Weight / density		0.99-1.04 Gr / cm <sup>3</sup>	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

#### Wallbarn Ltd.

Unit 16 Capital Business Centre, 22 Carlton Road  
 South Croydon, Surrey CR2 0BS United Kingdom  
 Tel: +44 (0)208 916 2222 Fax: +44 (0)208 916 2223  
 Email: sales@wallbarn.com Web: www.wallbarn.com