

HUSH PANEL 28 WITH HIGH MASS CEILING SYSTEM



Hush Acoustic Decking Cradles are used to create a unique self levelling support system for decking areas.

This unique patented product has been fully assessed and tested at Swansea University Materials Centre of Excellence and conforms to the loading conditions for the flooring as laid down in BS5399.

The Hush Acoustic Roof and Decking Cradle is the ideal solution for supporting timber joists for decking purposes on balconies and roof terraces. The unique recycled plastic body is designed to support joists keeping them off the roof deck and away from the drainage of the roof.

The Cradle is designed with a cellular rubber base support to help spreads and soften impact noise and also the impact of the imposed load.

This unique Cradle is easy to install and can be adjusted to allow for falls on a roof.



TECHNICAL INFORMATION

The Cradle acts purely as a loading support, so care should be taken when loading the cradle to ensure that the sub base can accept the load. The following is a Table of Load Centres for a Standard Joist size. The Load can be distributed by increasing the number of Cradles.

Imposed load 1.5kN/m ² Joist centres (mm)	Imposed load 4.0 kN/m ² Joist centres (mm)					
	400	500	600	400	500	600
Joist section (mm)						
Width/ Depth	Maximum clear joist span S₁ (metres)					
44/47 x 97	2.00	1.86	1.75	1.47	1.33	1.22
44/47 x 122	2.51	2.33	2.20	1.85	1.66	1.51
44/47 x 147	3.02	2.81	2.64	2.20	1.97	1.80
44/47 x 170	3.49	3.24	3.05	2.52	2.26	2.07
44/47 x 95	4.00	3.71	3.50	2.87	2.57	2.35
44/47 x 220	4.20	4.18	3.94	3.21	2.88	2.63

SUITABLE FOR:



PRODUCT DATA

- Cradle Diameter - 90mm
- Cradle Height - 55mm
- Adjustability - 10-40mm (Greater heights can be achieved by using base plate)
- Maximum Load capability - 7 kN/m²

FEATURES

- ✓ Unique patented design
- ✓ No packers required
- ✓ Can be used to level the decking area
- ✓ Quick and easy to install
- ✓ Product is not effected by the elements
- ✓ Ensures acoustic performance on decking areas

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