PLS Acoustic Ceiling Pads

Peak Laminates Acoustic poly pads are made using a rigid 45km3 Rock Mineral fibre, totally encased in a black self extinguishing recycled polythene (orange flame retardant polythene is also available) Designed to easy install above a suspended ceiling to improve the over all sound absorption for all your needs.



Technical Data

PLS Acoustic Pads and are manufactured using 45kgm3 Rock fibre . Made to ISO9001 A1 classification in accordance with BS EN 13501-1 and therefore comply with the requirements of non-combustible materials/products, as defined in all UK and Ireland Building Regulations.

Individual COSH/ Data sheets are available.

Standard Sizes Available

Available as standard in thicknesses
25mm/50mm/75mm/100mm and 150mm

Dimensions

600x600mm/ 1200x300mm/ 1200x600mm

Other custom sizes available upon request.

Acoustic Performance

Rock Mineral Fibre insulation pads when used in conjunction with mineral fibre suspended ceilings can dramati-cally reduce sound breakout.

Typically a 50mm 45 kg/m3 pad correctly installed can achieve a upto 45db rating and a 50mm 60 kg/m3 pad can achieve upto a 48db overall rating, with a 100mm pad being able to offer upto 70db overall, and 150mm offering around 85bbd overall, in conjunction with a mineral tile ceiling.

Noise reduction co-efficients

Thickness	125Hz	250Hz	500Hz	1000Hz	2000Hz	4000Hz
25mm	0.10	0.30	0.58	0.79	0.97	1.00
75mm	0.41	0.93	1.00	1.00	1.00	1.00
100mm	0.71	1.00	1.00	1.00	1.00	1.00