



TEKFON



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ROCK FIBRE CEILING PADS

Rock fibre insulation encapsulated in plastic ceiling pads.

Tekfon manufacture our standard contract range of acoustic ceiling pads from an A1 fire rated to BS EN 13501-1 core rock fibre, with a thermal conductivity of 0.035 W/mK. Factory encapsulated in a black recycled plastic to prevent fibre migration & easy handling.

Tekfon Rock Fibre Ceiling Pads are made from 45kgm³ or 60kgm³ rock slab for its acoustic performance, higher densities can be used if required.

They are designed to be used on the back of suspended ceiling grid tiles and are produced in a range of thicknesses and can be made to suit any size of ceiling grid tile on application all sizes are nominal.

To achieve a fully rated acoustic ceiling then you must use Tekfon Room Edge Acoustic Perimeter Strip, acoustic light hoods and fan acoustic liner were necessary.

TEKFON ROCK FIBRE PAD RANGE

Available as standard in both 45kgm³ & 60kgm³ density.

SIZES:

600mm x 600mm x 25mm
600mm x 600mm x 30mm
600mm x 600mm x 40mm
600mm x 600mm x 60mm
600mm x 600mm x 75mm
600mm x 600mm x 100mm
1200mm x 1200mm x 25mm
1200mm x 1200mm x 30mm
1200mm x 1200mm x 40mm
1200mm x 1200mm x 60mm
1200mm x 1200mm x 75mm
1200mm x 1200mm x 100mm

In addition to our standard sizes, we can bespoke manufacture to suit any size or thickness required to fit the ceiling grid or tile.

If bespoke sizes are used, the ceiling system needs checking for weight capacity. Extra supports should be added if required.



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Technical Information

GUIDE ONLY

Absorption co-efficient & weighted sound absorption co-efficient figures on slab only.

Thickness	Density	125Hz	250Hz	500Hz	1000Hz	2000Hz	4000Hz	Weighted
25mm	45kg/m ²	0.10	0.30	0.58	0.79	0.97	1.00	0.65
50mm	45kg/m ²	0.10	0.54	0.95	1.05	1.04	1.02	0.85
75mm	45kg/m ²	0.38	0.85	1.24	1.11	1.08	1.09	1.00
50mm	60kg/m ²	0.13	0.63	1.12	1.09	1.06	1.10	0.95
75mm	60kg/m ²	0.40	0.98	1.21	1.11	1.04	1.06	1.00

The statements and technical information in this data sheet are the results of tests or laboratory evaluations and represent the extent of information supplied by material manufacture.

The actual performance of Tekfon Rock Fibre Ceiling Pads is a complex subjective subject and must be calculated by an acoustician on a job to job basis as it will be subject to different criteria taking into account of existing tile performance, room size, ceiling void height and other criteria.

No guarantee or warranty expressed or implied is given as to performance or suitability for application, users to access suitability for their applications. Information is believed current at time of publication.