

Insulation Support Boxes

As an integral part of the development of the **FlameGuard System**, our engineers and designers have also been examining other issues connected with the installation of downlighters. One such issue has been the matter of insulation around the back of a downlighter in a ceiling void or attic for example.

Insulation Support Box allows free air circulation around luminaire and provides rigid skin over which insulation can be laid.

Good building practise dictates that insulation material is laid, unbroken, over the whole floor area. Good electrical practise however dictates that a minimum amount of free air is left around a luminaire in order to allow any heat build-up from the light source to be dissipated. Our new **Insulation Support Box** satisfies both of these requirements without compromising either.

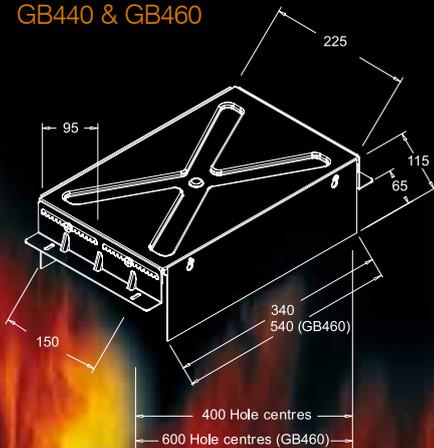


GB440/460



Community Registered Design No. 000390091-0001

GB440 & GB460



Product Code	Description
GB400 NEW	Free standing support box 220mm sq x 120mm deep (supplied flat pack)
GB440	To Span 400mm Roof Truss Centres
GB460	To Span 600mm Roof Truss Centres
GB470	340 - 620mm Between Joists

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Before any insulation is laid, either at first or second fix the Support Boxes are installed in a semi-permanent fashion as required. Once installed, the Support Boxes allow sufficient circulation of air around the downlighter to satisfy the electrician's requirement and the enclosed nature of the Box allows the builder to install an unbroken insulation barrier.

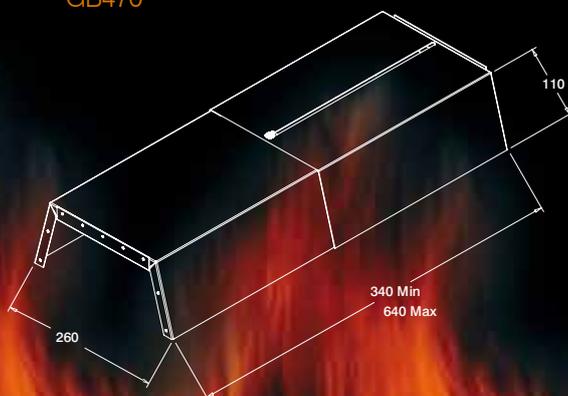
The **Insulation Support Boxes** also accommodate transformers used in low voltage installations, thereby allowing any necessary maintenance to be carried out through the downlighter cut-out in the ceiling. The GB440 and 460 **Insulation Support Boxes** are available in two different sizes with fixing centres at 400mm and 600mm, designed to fit the vast majority of truss spacings in new builds in the U.K.. The pressed steel construction of the Support Box is strong enough to carry a weight of approx. 100kgs without distorting.

The adjustable **Insulation Support Box** (Item GB470) has been designed specifically to be installed between floors or in flat roofs and can be installed from above or below. The new free standing Support box (Item GB400) is supplied in flat galvanised steel for quick easy folding on site.



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GB470



GB400

