

KEY-BEAMS lightweight beams

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Key-beams are made of lightweight material with a solid core manufactured with MDF skins to both sides.

Its structure is deceptively strong and will not warp or twist. It is 3 times lighter than MDF and unlike solid timber which is heavy and expensive.

It is distinctive creative baffle for acoustic performance.

KEY-BEAMS material description:

Key-beams are manufactured from two types of material sub cores:

Navcore
Balsa Wood

APPLICATIONS:

Internal wall or ceiling beams

SIZE & THICKNESS OPTIONS:

- **Navcore:**

Available in **two thicknesses** – 38mm and 50mm. Lengths of 2970mm only

- **BALSA WOOD:**

Available in three thicknesses 25mm – 50mm and 100mm. Lengths of 2400 & 3600mm

(consult Designcor for other sizes and thicknesses)

FINISH & DECORATIVE OPTIONS:

Matching edging or painted edges.

NAVCORE: available in their range of decorative finishes. Consult Designcor for available options.

BALSA WOOD can be finished in:

- Natural timber veneer or reconstituted veneers (to your specification) with a clear finish that is available in (0% 10% 30% or 60% gloss level)
- KEY-NIRVANA decorative range of finishes
- Polyurethane 2 pac painted finishes – Dulux or similar to your specification
- Laminated finishes by Laminex, Polytec etc
- Printed graphic – to your specification

FEATURES AND BENEFITS:

- Can be cut and assembled onsite
- Lowers cost of suspended support systems due to its lightweight nature
- Beams are removable if required
- High strength and stiffness to weight ratios
- Fire performance meeting [Group 3 Fire Rating](#)
- Comes in long continuous lengths for less joins
- Machine ability allows for mitre joins
- Versatile – designs limited only by the imagination
- Excellent sound and thermal insulation

FIXING & INSTALLATION:

- Specially design Designcor Cliplock system – two sizes available depending of the beam thickness

Consult Designcor for further details on fixings. Individual applications may require a specific installation method.