



## PRODUCT INFORMATION

MaxiBeam is the **lightweight beam system** that provides **visual style** and **acoustic absorption** simply (if required), alongside being easy to specify and fast to install.

<b>Applications</b>	<ul style="list-style-type: none"> <li>- For internal use across a range of sectors including commercial offices, higher education, restaurants, hotels, retail etc.</li> <li>- Versatile system suitable for walls, ceilings, rafts or independent screens.</li> </ul>																														
<b>Composition</b>	<ul style="list-style-type: none"> <li>- Lightweight hollow-core construction with rigid outer surfaces (MDF skins).</li> <li>- Veneer, laminate or painted finish to all visible faces.</li> <li>- Safe, non-toxic, non-irritant.</li> </ul>																														
<b>Standard Sizes and Weights</b>	<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left;">HEIGHT / DEPTH</th> <th>100mm</th> <th>125mm</th> <th>150mm</th> <th>200mm</th> <th>285mm</th> </tr> </thead> <tbody> <tr> <td style="text-align: left;">THICKNESS</td> <td>40 or 50mm</td> </tr> <tr> <td style="text-align: left;">APPROX. WEIGHT</td> <td>2kg/lm</td> <td>2.5kg/lm</td> <td>3kg/lm</td> <td>4kg/lm</td> <td>6kg/lm</td> </tr> <tr> <td style="text-align: left;">TYPICAL CENTRE VARIANT</td> <td>100-250mm</td> <td>125-300mm</td> <td>150-375mm</td> <td>200-400mm</td> <td>200-600mm</td> </tr> <tr> <td style="text-align: left;">TYPICAL SPACING VARIANT</td> <td>50-210mm</td> <td>75-260mm</td> <td>100-335mm</td> <td>150-360mm</td> <td>150-560mm</td> </tr> </tbody> </table> <ul style="list-style-type: none"> <li>- 200mm is the recommended minimum beam depth for vertical screens.</li> <li>- MaxiBeam typically comes in lengths of up to 3m. Bespoke options can be produced to deliver curved designs, ultra-length beams, geometric shapes and custom angled ends.</li> </ul>	HEIGHT / DEPTH	100mm	125mm	150mm	200mm	285mm	THICKNESS	40 or 50mm	APPROX. WEIGHT	2kg/lm	2.5kg/lm	3kg/lm	4kg/lm	6kg/lm	TYPICAL CENTRE VARIANT	100-250mm	125-300mm	150-375mm	200-400mm	200-600mm	TYPICAL SPACING VARIANT	50-210mm	75-260mm	100-335mm	150-360mm	150-560mm				
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<b>Beam End Options</b>	<ul style="list-style-type: none"> <li>- Square end - no joiner.</li> <li>- 90° vertical to horizontal with joiner.</li> <li>- Square end - with joiner.</li> <li>- Bespoke angles.</li> <li>- Angled end - fully finished or mitre joint.</li> </ul>																														
<b>Acoustics</b>	<ul style="list-style-type: none"> <li>- MaxiBeam is frequently installed under a perforated Supacoustic ceiling or Acoustic Backing Board (nominal 10mm thick black absorber) to achieve acoustic absorption.</li> <li>- Acoustic Absorption varies according to absorbing material, centres, beam height and void depth. Please speak to our Technical team for details and acoustic test data.</li> </ul>																														
<b>Beam Finishes</b>	<ul style="list-style-type: none"> <li>- <b>SUPALAMI</b> High quality, realistic, economic, hardwearing laminate finish.</li> <li>- <b>SUPAVENEER</b> Beautiful natural timber veneers with a high quality, clear lacquer.</li> <li>- <b>SUPACOLOUR</b> High quality spray-applied lacquer matched to almost any colour eg. to a RAL or BS references, in a satin, gloss or matt finish.</li> </ul>																														
<b>Fire Performance</b>	<ul style="list-style-type: none"> <li>- <b>SUPALAMI</b> Available in non-FR and Class 1 (Euroclass B laminates can be an option).</li> <li>- <b>SUPAVENEER</b> Available in non-FR, Class 1 and Class O.</li> <li>- <b>SUPACOLOUR</b> Available in non-FR, Class 1 and Class O.</li> </ul>																														
<b>Sustainability Certification</b>	<ul style="list-style-type: none"> <li>- We are FSC® certified (FSC® C160047).</li> <li>- MaxiBeam is available as FSC Certified. Please talk to us about your specific requirements prior to quotation.</li> </ul>																														



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<b>Natural Materials</b>	<ul style="list-style-type: none"> <li>- Although MaxiBeams are renowned for their stability with our production methods and processes, they are produced using natural products. Therefore, we cannot accept responsibility for pieces that may show warping, twisting, splitting, sap &amp; residue seeping and variations of grain and colour.</li> <li>- Please note that timber will absorb or lose moisture depending on the surrounding environment, which means timber can expand, contract, warp and move etc over time in relation to the moisture changes.</li> </ul>
<b>Access and Service Integration</b>	<ul style="list-style-type: none"> <li>- The MaxiBeam system integrates well with access and service requirements, such as:             <ul style="list-style-type: none"> <li>- Access hatches at specific locations</li> <li>- Hidden doorways</li> <li>- Lighting</li> <li>- HVAC grilles</li> <li>- Smoke detectors and sprinklers</li> <li>- AV screens and cabling</li> </ul> </li> <li>- It can also be fully removable for access to the void.</li> </ul>
<b>Installation - Walls, Ceilings and Rafts</b>	<ul style="list-style-type: none"> <li>- Supplied as individual beams, fully finished to avoid on-site cutting, which are then discreetly installed. Beams can be installed so they are removable if required.</li> <li>- The MaxiBeam system can be fastened to almost any type of common substrate.</li> </ul> <div style="display: flex; justify-content: space-between; margin-top: 10px;"> <div style="background-color: #008080; color: white; padding: 2px 5px; border-radius: 3px;">Ceiling Rafts and Walls</div> <div>Fixing Cleat</div> <div>Screw from Rear</div> <div>Click-Fix (Removable)</div> </div>
<b>Installation - Screens</b>	<ul style="list-style-type: none"> <li>- Vertical screens can be:             <ul style="list-style-type: none"> <li>- Vertical slats</li> <li>- Horizontal slats</li> <li>- Angled and louvred slats</li> <li>- Combination of the above</li> </ul> </li> <li>- MaxiBeam screens can be fastened to almost any common ceiling or floor.</li> <li>- Screen installation method will depend on the construction it is fastened to and if it needs to be removable.</li> </ul>
<b>Workability</b>	<ul style="list-style-type: none"> <li>- Beams can be joined on site using discreet, machined push-fit joiner. If beams do require cutting, use standard woodworking tools.</li> </ul>
<b>Antimicrobial Finish</b>	<ul style="list-style-type: none"> <li>- Our standard range of Supalami laminated finishes have been tested successfully to ISO 22196:2011, providing you with a great looking, cost-effective finish that can support better hygiene in your chosen space (only when MaxiBeam is used with a Supalami finish).</li> <li>- Recognised worldwide, this test provides the highest standard of antibacterial testing available and measures the reduction over 24 hours of Staphylococcus Aureus and E-Coli bacteria, and the effectiveness of the antibacterial properties on the surface. All of the standard finishes scored &gt; 3 which is the highest possible classification, confirming that the surfaces have a strong antibacterial effect.</li> </ul> <p>Please advise us before quoting if you require antimicrobial coating.</p>
<b>Maintenance</b>	<ul style="list-style-type: none"> <li>- No maintenance needed apart from occasional dusting. Any dirt deposits can be wiped off. Beams should not be subjected to moisture or wet cloths.</li> </ul>

