



## DATA SHEET

# MAXISLAT®

FIRE RATED EUROCLASS B  
LIGHTWEIGHT  
LARGE SLAT SYSTEM



Vtec Group Ltd

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## MAXISLAT®

FIRE RATED EUROCLASS B  
LIGHTWEIGHT LARGE SLAT SYSTEM

Our MAXISLAT® FR Euroclass B range is a lightweight large slat system that provides visual style and acoustic absorption (if required), alongside being compliant, beautiful and easy to integrate.



## APPLICATIONS

- For internal use across a range of sectors including commercial offices, higher education, restaurants, hotels, retail etc.
- Versatile system suitable for walls, ceilings, rafts or floor to ceiling screens.

## COMPOSITION

- Lightweight hollow-core construction with rigid outer surfaces using our specialist VFR core material.
- This specialist method and materials ensure the slat is more dimensionally stable. i.e. It will not warp and twist like solid timber.
- FR Laminate finish and matching edging to all visible surfaces.
- Premium grade EchoTone Acoustic Backing Board can be incorporated with the MAXISLAT lightweight decorative beams.

## FIRE PERFORMANCE

- MAXISLAT is a lightweight decorative beam system that is fully tested to EN 13501-1, achieving a classification of Euroclass B-s2,d0 - as finished assembled units. Contact us for the formal fire test Classification Report



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# SLAT DIMENSIONS

- MAXISLAT decorative beams are available in five standard sizes.

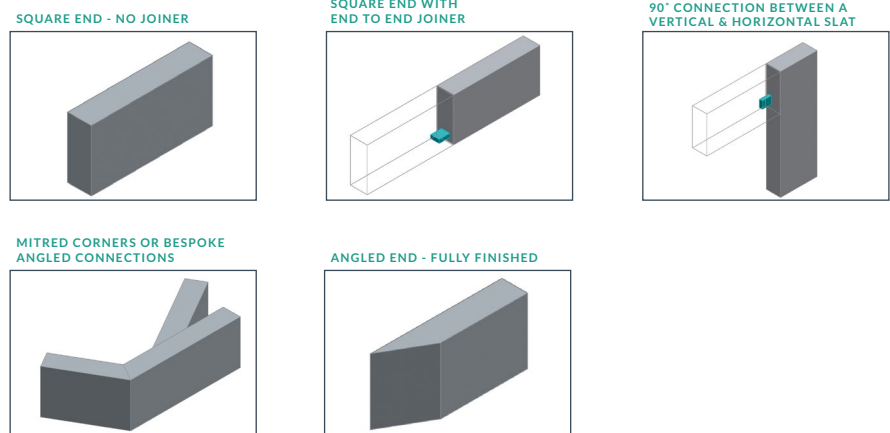
<b>HEIGHT / DEPTH</b>	100mm	125mm	150mm	200mm	285mm
<b>THICKNESS</b>	50mm	50mm	50mm	50mm	50mm
<b>APPROX. WEIGHT</b>	2.5 - 3.2kg per lm	2.8 - 3.5kg per lm	3.5 - 4.6kg per lm	4.8 - 5.5kg per lm	6.1 - 7.6kg per lm
<b>Weights vary subject to the installation method and slat application.</b>					
<b>TYPICAL GAP / SPACE BETWEEN THE SLATS</b>	MAXISLAT lightweight slat beams are installed individually so the spacing is fully customisable, including random / varied spacings between slats. As a general rule of thumb, the minimum space between slats is the slat height and the maximum space between is 3x the slat height. Please note that some projects have had smaller or larger spacings than this rule of thumb.				

- **Bespoke Slat Heights and Widths** - also available.  
Please call Technical to discuss your specific requirements.

# SLAT LENGTHS

- MAXISLAT decorative beams are typically manufactured and supplied to size for the project.
- Maximum lengths of 2980mm are possible.
- Where longer runs are required, discreet End-to-End joiners are used.
- The most efficient lengths are 2980mm, 1480mm and 980mm.
- Bespoke options can be manufactured including:
  - » Thickness's
  - » Heights
  - » Lengths
  - » Geometric & Angular Shapes
  - » Angled Ends

# SLAT END OPTIONS



## ACOUSTICS

- MAXISLAT decorative beams are frequently installed with a PET Acoustic Backing Board to achieve acoustic absorption.
- Echotone Acoustic backing board - Black is 9mm thickness, Coloured Backing is 12mm thickness.
- The material can be 100% recycled and is made of 60% recycled content.
- Acoustic Absorption varies according to absorbing material, centres, slat height and void depth.
- Please speak to our Technical team for details and acoustic test data.

## SLAT FINISHES

- Supalami - A fire compliant range of high-quality, economic, hard-wearing laminate finishes that are included in MAXISLAT lightweight beams - Euroclass B classification.
- Bespoke options are available - please speak with our Technical Team.

## SUSTAINABILITY CERTIFICATIONS

- **VOC Emission Tests ABG/AgBB - Pass**
- **BREEAM UK** - Compliance with 'Exemplary' criteria on VOC emissions
- **Complies with WELL Building Standard v2 Feature X06 VOC Restrictions - Part 1**
- Vtec Group are FSC® Certified (FSC® C160047)
- MAXISLAT lightweight beams are available as **FSC® Certified**.
- Please speak to our Technical Team about your specific requirements prior to quotation or specification.

## NATURAL MATERIALS

- MAXISLAT decorative beams are renowned for its stability in comparison with timber, due to our unique production methods and processes.
- Each decorative beam is produced using natural products. Therefore, we cannot accept responsibility for pieces that warp, twist expand or contract, move etc.
- Changes to temperature and humidity can also have an impact.



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## APPLICATIONS

- Choose from 5 typical applications for MAXISLAT decorative beams.
  - Feature Ceilings
  - Floating Rafts
  - Direct Fix to Soffits
  - Walling System
  - Vertical Screens

## ACCESS AND SERVICE INTEGRATION

- The MAXISLAT lightweight decorative beam system enables seamless integration. This includes access and service requirements such as:
  - Access hatches at specific locations
  - Hidden doorways
  - Lighting
  - HVAC grilles
  - Smoke detectors and sprinklers
  - AV screens and cabling
- Optional easy removal of slats – subject to installation method.

## INSTALLATION METHOD - FOR WALLS, CEILINGS & RAFTS

- Supplied as individual slats or beams, fully finished to avoid on-site cutting.
- They are then discreetly installed.
- Slats can also be installed so they are removable if required.
- The MAXISLAT decorative beam system can be fastened to any of the following substrates:
  - Any A2-s1,d0 substrate with a minimum density of 525 kg/m<sup>3</sup>
  - Any A1 substrate with a minimum density of 37.5 kg/m<sup>3</sup>
- There are 3 typical installation methods

Fixing Cleat, Click Fix, Screw Fix (from the rear)

**Please chat with us for further information.**



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## INSTALLATION METHOD - FOR SCREENS

- Vertical Screens can be:
  - » Vertical Slats
  - » Horizontal Slats
  - » Angled and louvred slats
  - » A combination of the above
- MAXISLAT feature screens can be fastened to almost any common ceiling or floor.
- It can also be fastened with no substrate.
- Screen installation will depend on the construction it is fastened to and if it needs to be removable.

## WORKABILITY

- The slats can be joined on site using discreet, machined push-fit joiners.
- Typically slats are supplied ready-to-install. If they do require cutting, use standard woodworking tools.

## ANTIMICROBIAL FINISH

- 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.
- 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 > 3 which is the highest possible classification, confirming that the surfaces have a strong antibacterial effect.
- Please advise us before quoting if you require antimicrobial coating.

## MAINTENANCE

- No maintenance needed apart from occasional dusting. Any dirt deposits can be wiped off.
- Slats should not be subjected to moisture or wet cloths.


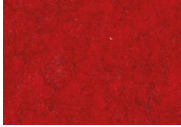








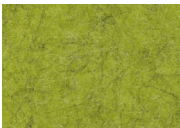
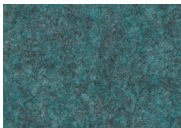
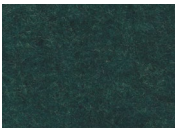
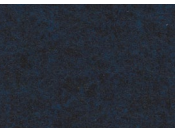

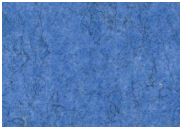
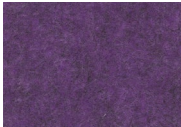
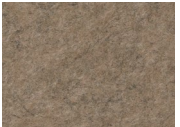
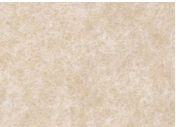

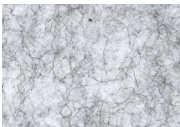
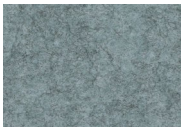

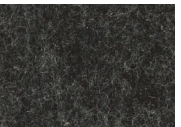



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# ACOUSTIC BACKING OPTIONS

OUR MOST POPULAR ACOUSTIC BACKING COLOUR - BUDAPEST BLACK



				
ROTTERDAM RED	RICHMOND RED	ONTARIO ORANGE	OAKLAND ORANGE	PANAMA PINK
				
YORKTOWN YELLOW	YOKOHAMA YELLOW	BOSTON BROWN	GENEVA GREEN	GIBRALTAR GREEN
				
GRENADA GREEN	TORONTO TEAL	TOKYO TEAL	BOLOGNA BLUE	BALTIMORE BLUE
				
BARCELONA BLUE	PALERMO PURPLE	BROOKLYN BEIGE	BERLIN BEIGE	BOGOTÁ BEIGE
				
GLASGOW GREY	GENOA GREY	GRENOBLE GREY	GUADELOUPE GREY	WARSAW WHITE



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