



DATA SHEET

MICROSLAT

FIRE RATED EUROCLASS B
SLATTED PANEL SYSTEM



Vtec Group Ltd

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MICROSLAT

FIRE RATED EUROCLASS B
SLATTED PANEL SYSTEM

Our MICROSLAT FR Euroclass B range is a slatted panel system that offers the visual appeal of wooden slats with cost-effective finishing options, rapid installation and acoustic performance.



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

- The slat is manufactured with our specialist VFR grey core which is more dimensionally stable than timber
- FR Laminate finish to the face of the slat.
- Premium grade EchoTone Acoustic Backing is fitted directly behind the slats.
- Safe, non-toxic, non-irritant.

FIRE PERFORMANCE



- MICROSLAT is a fully constructed unit that has been range-tested for fire classification **Euroclass B-s1,d0 as an assembled unit.**
- Contact us for the formal fire test Classification Report



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SLAT DIMENSIONS

- MICROSLAT is available in 11 standard sizes. (Dimensions are below in mm)

Product Name	Slat Width	Gap	Centres	Approx Weight kg / m ² (Budapest Black 9mm PET)	Approx Weight kg / m ² (Coloured 12mm PET)	% Open Area
MICROSLAT 30-10	30	10	40	15.4	15.8	25%
MICROSLAT 30-45	30	45	75	9.2	9.7	60%
MICROSLAT 30-70	30	70	100	7.4	7.9	70%
MICROSLAT 50-16	50	16.67	66.67	15.4	15.8	24%
MICROSLAT 50-25	50	25	75	13.9	14.4	33%
MICROSLAT 50-70	50	70	120	9.5	10.0	58%
MICROSLAT 50-100	50	100	150	8.0	8.5	67%
MICROSLAT 70-16	70	15.71	85.71	16.6	17.0	19%
MICROSLAT 70-30	70	30	100	14.5	15.0	30%
MICROSLAT 70-50	70	50	120	12.5	12.9	42%
MICROSLAT 70-80	70	80	150	10.4	10.8	53%

PANEL SIZES

- 3000mm x 600mm
- **Bespoke Slat Heights and Widths** - also available. Please call Technical to discuss your specific requirements.

PANEL THICKNESS

- Budapest Black Acoustic Backing = nominal 23mm thick (14mm thick slat + 9mm thick backing)
- Coloured Acoustic Backing = nominal 26mm thick (14mm thick slat + 12mm thick backing).

ACOUSTICS

- MICROSLAT panels are backed with Acoustic Backing Board to help absorb unwanted reverberation.
- Acoustic Absorption varies according to slat sizes, slat spacings, void depth and if further insulation is used.
- For improved acoustic performance, create an air gap behind the panel, and for even further improvement add rockwool insulation.
- Please speak to our Technical team for details and acoustic test data.



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ACOUSTIC BACKING COLOUR

- Budapest Black Acoustic Backing - 9mm thickness
- Or choose from 25 beautiful colours - 12mm thick.
- Please note that the coloured acoustic backing is 2400mm in length.
- Therefore for MICROSLAT 3000mm panels there is a butt join on the acoustic backing.
- The slats are manufactured as 3000mm lengths.

SLAT FINISHES

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

SLAT CORE COLOUR

- VFR Grey Core is a grey colour throughout.
- The exposed slat edges show the VFR Grey Core colour.

SUSTAINABILITY CERTIFICATIONS

- Vtec Group are FSC® Certified (FSC® C160047)
- MICROSLAT is FSC® Certified.

NATURAL MATERIALS

- MICROSLAT is renowned for its stability in comparison to timber with our production methods and processes.
- Panels are 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.

APPLICATIONS

- Choose from 4 typical applications for MICROSLAT.
- | | |
|---------------------|--------------------------|
| 1. Feature Ceilings | 3. Direct Fix to Soffits |
| 2. Floating Rafts | 4. Walling System |



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ACCESS AND SERVICE INTEGRATION

- The MICROSLAT system integrates well with access and service requirements, such as:
 - » Access hatches at specific locations
 - » Hidden doorways
 - » Lighting
 - » HVAC grilles
 - » Smoke detectors and sprinklers
 - » AV Screens and cabling
- It can also be fully removable for access to the void.

ADAPTABLE SYSTEM

- Supplied as modular panels, fully finished, which are then discreetly installed.
- Panels are easy to cut on site if needed.
- Panels can also be installed so they are removable if required.
- We can manufacture MICROSLAT in bespoke sizes and shapes - please contact us to discuss your ideas.

SUBSTRATE OPTIONS

- The MICROSLAT system can be fastened to almost any type of common substrate e.g. :
 - » Direct to plaster-boarded walls or ceilings (*good acoustic performance*)
 - » To aluminium zed rails or similar to create air gap (*improved acoustic performance*)
 - » To aluminium zed rails or similar to create void for mineral wool insulation (*best acoustic performance*)

INSTALLATION METHOD

- **SCREW FIX** - Panels are screw fixed to walls or ceilings (substrates outlined above). The screws can be colour coordinated to the acoustic backing colour.



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WORKABILITY

- Our MICROSLAT system is supplied fully finished.
- Panels are delivered ready to fit, with full installation instructions.
- MICROSLAT panels are easy to work with and adapt on site.
- Use standard woodworking tools for cutting.

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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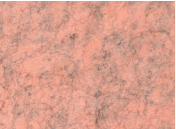


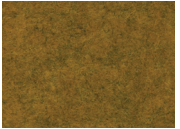
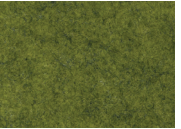

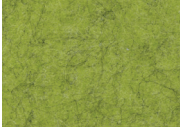

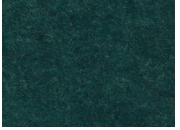
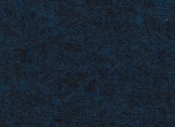



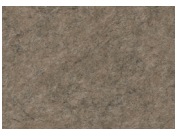

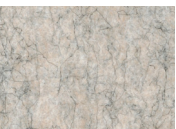
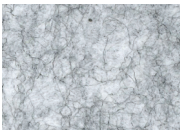
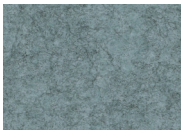

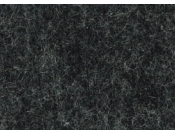

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ACOUSTIC BACKING OPTIONS

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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