



DATA SHEET

MAXISLAT WAFFLE GRID

FIRE RATED EUROCLASS B
GEOMETRIC SLAT SYSTEM



Vtec Group Ltd

Head Office and Manufacturing
Unit 3 Cooksland Ind. Estate
Bodmin PL31 2QB

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MAXISLAT WAFFLE GRID

FIRE RATED EUROCLASS B
GEOMETRIC SLAT SYSTEM

Creative patterns. Mix and match acoustic backing colours.
MAXISLAT WAFFLE GRID lets you compose your ceiling like a designer's grid system.



APPLICATIONS

- For internal use across a range of sectors including commercial offices, higher education, restaurants, hotels, retail etc.
- Versatile system suitable for ceilings, suspended ceilings and rafts.

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 WAFFLE GRID.

FIRE PERFORMANCE



- MAXISLAT WAFFLE GRID is a fully constructed unit that has been range-tested for fire classification Euroclass B-s2,d0 as an assembled unit.
- Contact us for the formal fire test Classification Report



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Slat DIMENSIONS

- MAXISLAT WAFFLE GRID is available in two standard sizes.

50x150mm

THICKNESS: 50mm
 DEPTH / HEIGHT: 150mm
 APPROX WEIGHT: 3kg / 1m

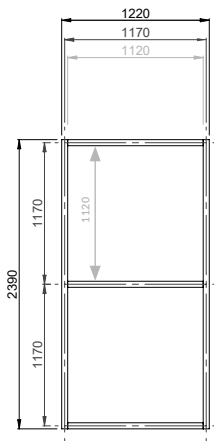
50x200mm

THICKNESS: 50mm
 DEPTH / HEIGHT: 200mm
 APPROX WEIGHT: 4kg / 1m

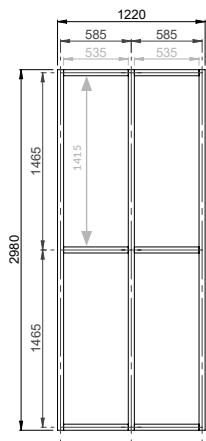
- Bespoke Slat Heights and Widths** - also available. Please call Technical to discuss your specific requirements.

MAXISLAT WAFFLE GRID LAYOUTS

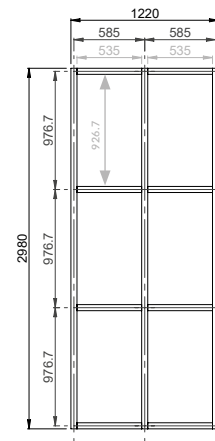
- Six standard MAXISLAT WAFFLE GRID layouts.
- We offer bespoke grid patterns, which must be validated by the Vtec Technical Team before production.



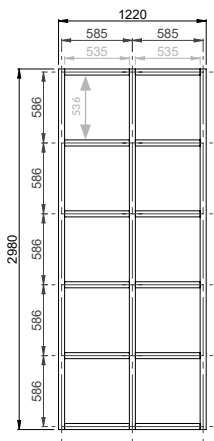
MX-WG-01
SLAT SIZE DIMENSIONS:
 50 mm x 150mm tall
 7kg per m²
 50mm x 200mm tall
 9.6kg per m²



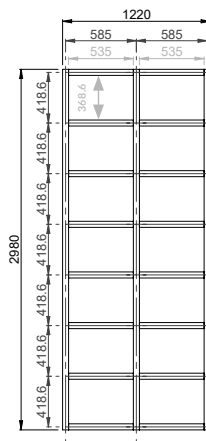
MX-WG-02
SLAT SIZE DIMENSIONS:
 50 mm x 150mm tall
 10.5kg per m²
 50mm x 200mm tall
 14.4kg per m²



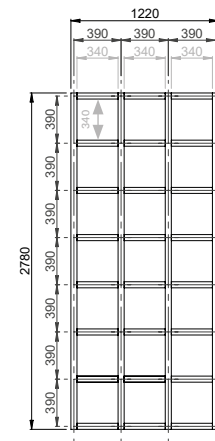
MX-WG-03
SLAT SIZE DIMENSIONS:
 50 mm x 150mm tall
 13.9kg per m²
 50mm x 200mm tall
 19.2kg per m²



MX-WG-04
SLAT SIZE DIMENSIONS:
 50 mm x 150mm tall
 13.9kg per m²
 50mm x 200mm tall
 19.2kg per m²



MX-WG-05
SLAT SIZE DIMENSIONS:
 50 mm x 150mm tall
 13.9kg per m²
 50mm x 200mm tall
 19.2kg per m²



MX-WG-06
SLAT SIZE DIMENSIONS:
 50 mm x 150mm tall
 20.9kg per m²
 50mm x 200mm tall
 28.8kg per m²



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ACOUSTICS

- MAXISLAT WAFFLE GRID is 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 WAFFLE GRID'S 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 WAFFLE GRID is available as **FSC® Certified**.
- Please speak to our Technical Team about your specific requirements prior to quotation or specification.

NATURAL MATERIALS

- MAXISLAT WAFFLE GRID 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.



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APPLICATIONS

- Choose from 3 typical applications for MAXISLAT WAFFLE GRID.
- Suspended Ceiling
- Floating Rafts
- Direct Fix to Ceiling

ACCESS AND SERVICE INTEGRATION

- MAXISLAT WAFFLE GRID supports seamless service integration. This includes access and service requirements such as:
 1. Access hatches at specific locations
 2. Hidden doorways
 3. Lighting
 4. HVAC grilles
 5. Smoke detectors and sprinklers
 6. AV screens and cabling
- Optional easy removal of infill panels – subject to installation method.

INSTALLATION METHOD

- The Fixing Cleat Method for installation.
- This system begins with a main slat (up to 2980mm long). This is complemented by infill slats that slot between the main slats to form a grid pattern.
- Optional CNC jigs can be provided to help positioning where needed.

WORKABILITY

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



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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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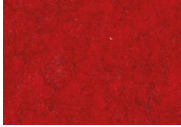








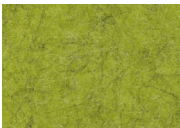
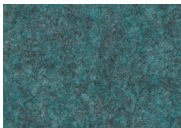
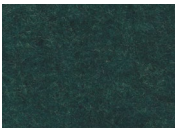
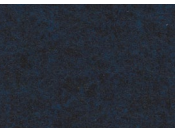

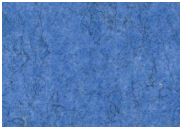
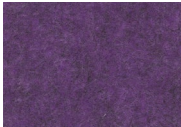
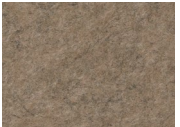
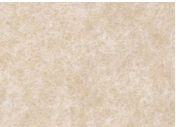

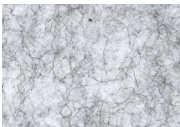
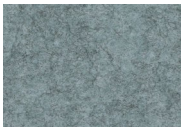

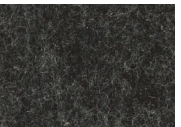

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ACOUSTIC BACKING OPTIONS

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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