



SUPASLAT

MODULAR SLATTED TIMBER PANEL SYSTEM

Specification guide for walls, ceilings, rafts and screens



YOUR WALL AND CEILING EXPERTS

Saving you time, money and worry.

EXCEPTIONAL WALL AND CEILING SYSTEMS, DESIGNED AND BUILT BY US, WITH PASSION, SKILL AND DEDICATION

LEAVE IT TO US

We're experts at what we do so you're in safe hands. Walls and ceilings can be surprisingly complex. Rely on us to look after all the details - saving you time, money and worry.

- > We work with you to develop **bespoke ideas and solve design challenges** to **create stunning results** for your special interior.
- > We **love what we do!** We are passionate about **Making Spaces Matter** – and we have fun while we do it.
- > **Locally made** in our Cornwall factory, guaranteeing quick response times and reliable delivery.
- > Our **in-house CAD capabilities** enable us to **3D model complex ceilings and walls** to ensure precise interface with support work and other elements, helping your project run smoothly.
- > We use our **technical expertise** to incorporate access requirements and service integrations to best effect - whether by fully accessible systems or specific purpose-made access hatches.
- > Where projects require a detailed **drawing package** (setting out drawings, installation sequence and critical detailing), our experienced draftsmen will **look after it all**.
- > With every project, you are assigned one of our **dedicated Project Leaders**. Their role is to liaise with you and our production team, bringing your design to life.
- > Your Project Leader will **guide you through the process** from initial order, through drawings approval and will provide support and advice for your installation - we're here to **help you every step of the way**.



"THE SERVICE AND HELP WE HAD FROM THE TEAM AT VTEC WAS FIRST CLASS. EVERYONE I SPOKE TO WAS VERY HELPFUL AND THE PROJECT RAN SMOOTHLY... I AM VERY HAPPY WITH THE END RESULT."



INTRODUCING SUPASLAT

Combine the natural charm, warmth and look of wood with our modular, slatted panel systems; a winning combination of beautiful natural appeal and functional performance.

1 Instant visual impact

Vast range of solid timber options available in different sizes, materials and finishes tailored to suit your wall or ceiling design.

2 Better acoustics

SupaSlat is acoustically absorbent. Integral acoustic backing provides superior auditory conditions.

3 Easy access to services

SupaSlat can be fully demountable or designed with integrated access hatches for discreet, easy access to services.

4 Excellent service integration

Our SupaSlat system can incorporate lighting, heating and ventilation, fire detection systems and other services with ease.

5 Quick installation

The modular SupaSlat system is designed for simple installation. It is supplied fully finished with integrated fixing provision and detailed installation instructions.

6 Fire Compliance

SupaSlat can be produced in FR Grades to meet Class O or Class 1 requirements.





WALLS

Add visual interest and acoustic performance.

SupaSlat in Oak with a clear lacquer finish in an office boardroom.



RAFTS

Zone a specific area.

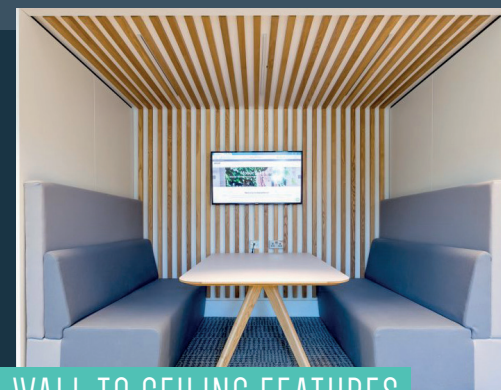
SupaSlat 5 feature ceiling with a **Redwood finish** for an office reception and breakout area.



CEILINGS

Create a unique slatted timber look.

Bespoke **SupaSlat 4** panels in a walnut finish at a Charity Headquarters.



WALL TO CEILING FEATURES

Define a space and create impact.

SupaSlat 3 in American Ash with Oak stain and FR Class O lacquer finish in an office.



BESPOKE SHAPES & DESIGNS

Mix it up! Play with direction, size and colour.

Custom **SupaSlat 5** design at a University, incorporating lettering and brand identity.



SERVICE INTEGRATION

Integrate services with ease.

SupaSlat panels in Walnut in a London restaurant, incorporating lighting and ventilation requirements.



COMPATIBLE INSTALLATION

Fits to a wide range of substrates.

Install to proprietary suspension system - fits to wide range of 600mm grid systems, Unistrut, MF, Ply pattress etc.



DEMOUNTABLE FOR ACCESS

Discreet and easy access to services.

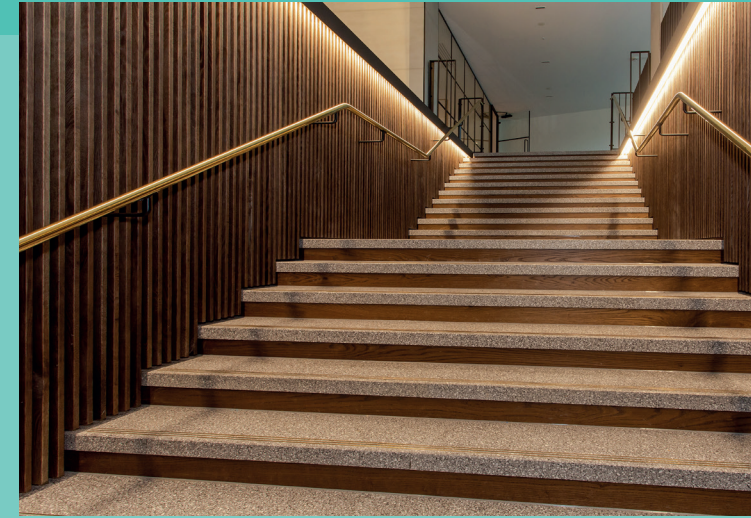
SupaSlat 3 in **solid ash** in a lounge at Gatwick Airport. Installed using our unique Lift and Shift method to ensure easy access to the ceiling void.

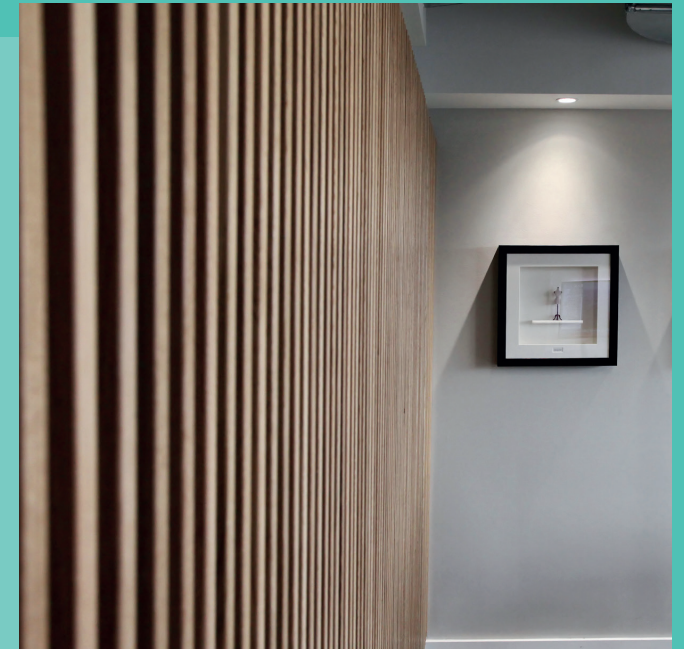
WHAT IS SUPASLAT?

SupaSlat is a modular wood slatted panel system designed for efficient installation alongside excellent visual impact and acoustic performance.

Ceilings have **complex requirements** but you are safe with Vtec! Our wealth of experience and knowledge has led us to become the **experts** at delivering tailored solutions that provide much more than just "a slatted ceiling", including:

- > Easy access
- > Services integration
- > Simplicity of installation





MODULAR SLATTED PANEL
SYSTEM FOR WALLS AND
CEILINGS, DESIGNED FOR
QUICK INSTALLATION AND
ACCESS TO SERVICES





SPECIFYING SUPASLAT

- 1 CONSIDER THE APPLICATION
- 2 SELECT SLAT OPTION
- 3 SELECT TIMBER SPECIES
- 4 SELECT FINISH
- 5 SELECT ACOUSTIC BACKING
- 6 SELECT FR CLASS
- 7 SELECT FSC® CERTIFICATION
- 8 CONSIDER ACCESS & SERVICE REQUIREMENTS
- 9 SELECT INSTALLATION METHOD

SUPASLAT CONFIGURATION

Configure your SupaSlat system in nine easy steps:

1

CONSIDER THE APPLICATION

Whether you're creating a largescale ceiling or a statement feature wall, **SupaSlat** is custom made to your specific requirements, providing unparalleled creative scope.

CEILING

SUSPENDED RAFT

WALLING SYSTEM

VERTICAL SCREEN

COMBINATION OF THE ABOVE

2 SELECT SLAT OPTION

A – WIDTH

Slat thickness varies from 18mm-95mm, subject to the installation method and service integrations.

B – DEPTH / HEIGHT

Slat height varies from 18mm-70mm, subject to the installation method and service integrations.

C – LENGTH

Slat lengths can vary to suit your requirements. A common longer slat length is 2.4m but this can be increased in some slat options for greater height coverage. Infinite slat runs are created using our adaptable and discreet modular system.

D – BESPOKE DESIGN

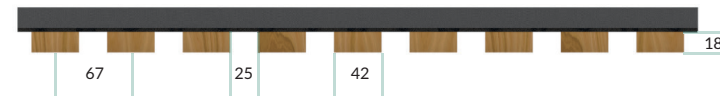
We provide tailored design support for bespoke slats to suit your project, inclusive of a detailed 3D drawing package. Please contact our Technical Team to discuss your requirements.

STANDARD SLAT SIZES AND CENTRES

	SUPASLAT 1	SUPASLAT 2	SUPASLAT 3	SUPASLAT 4	SUPASLAT 5
WIDTH	42mm	95mm	42mm	18mm	18mm
DEPTH / HEIGHT	18mm	18mm	32mm	42mm	70mm
CENTRES	67mm	120mm	100mm	43mm	75mm
TYPICAL WEIGHT	11 kg/m ²	13 kg/m ²	12 kg/m ²	15 kg/m ²	15 kg/m ²

Diagrams are indicative only - they show the CrossBatten, the Integrated Acoustic Textile below, then the slats.

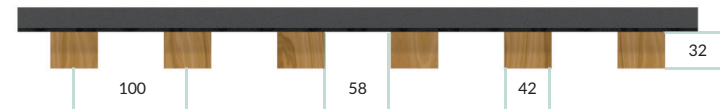
SUPASLAT 1
Open Area 37%



SUPASLAT 2
Open Area 20.8%



SUPASLAT 3
Open Area 58%



SUPASLAT 4
Open Area 57%



SUPASLAT 5
Open Area 76%

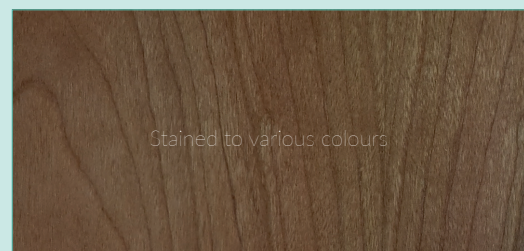
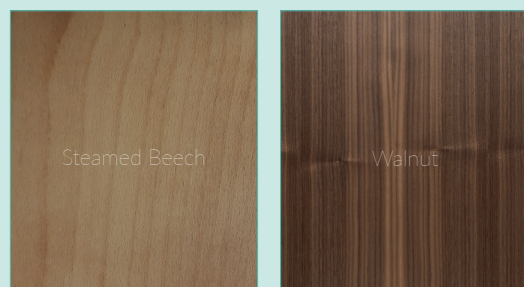


SELECT TIMBER SPECIES & FINISH

SOLID TIMBER - CLEAR

Beautiful natural timber veneers with a high quality, clear lacquer

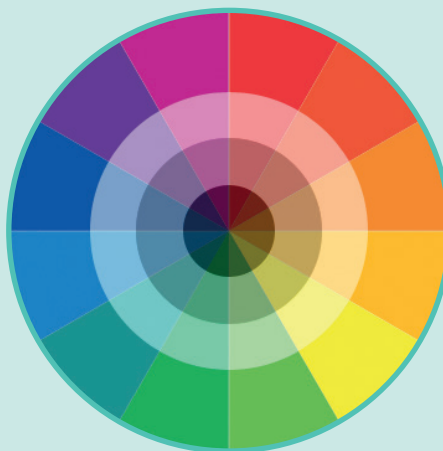
Common options include.



SOLID TIMBER - COLOURED

LACQUER: High quality spray-applied lacquer matched to almost any colour e.g. to a RAL or BS reference, in satin, gloss or matt.

STAIN: Stain and tint options available on all timber species eg. Steamed Beech in a Walnut Stain.



CUSTOM FINISH

We can produce any other laminate or species veneer of your choice, as well as bespoke lacquer finishes including metallic

SUPALAMI

High quality hard wearing laminate finish

Due to manufacturing constraints, only Slat options 2, 4 and 5 can be manufactured in Supalami





SupaSlat 4 in Bespoke Walnut Laminate

4

SELECT ACOUSTIC BACKING

SupaSlat is generally manufactured incorporating an Acoustic Backing Board to provide acoustic absorption:

PANEL DESIGN

SupaSlat panels are a Premium panel system consisting of high quality natural timber or laminated slats, with premium grade black Integrated Acoustic Textile behind the slats.

INTEGRATED ACOUSTIC TEXTILE

Nominal 4mm thick black absorber

NON-ACOUSTIC SOLID BACKING BOARD

Non acoustic - variable thickness depending on application

NONE - OPEN

Slats are decorative only, with the open void, panel cross battens and support work or solid ceiling visible above

Acoustic Absorption varies according to absorbing material, centres, slat height and rear void depth. Please speak to our Technical team for details and acoustic test data on 03307 00 00 30.

6

SELECT FR CLASS

FR CLASS REQUIRED

None / Class 1 / Class O

7

SELECT FSC® REQUIREMENTS

FSC® CERTIFICATION

FSC® certification required (FSC® C160047).

NO CERTIFICATION

FSC Certification not required.

Please talk to us about your specific requirements prior to quotation.

8 ACCESS & SERVICE INTEGRATION

FULLY REMOVABLE FOR ACCESS TO VOID

ACCESS HATCHES AT SPECIFIC LOCATIONS

HIDDEN DOORWAYS

LIGHTING

HVAC GRILLES

SMOKE DETECTORS & SPRINKLERS

AV SCREENS AND CABLING

Please contact us to discuss bespoke installation requirements on 03307 00 00 30.



9 CHOOSE INSTALLATION METHOD

FOR CEILINGS AND RAFTS

Our SupaSlat modules are designed to be simply and quickly installed, with standard methods being either Screw Fix to soffit / Rack or Lift and Shift (installed entirely from beneath the ceiling line).

The **SupaSlat** System is engineered to be fastened to almost any form of construction in a wide variety of situations.

SupaSlat Screw Fix system enables simple fastening directly to:

- › Timber rails and frames
- › Unistrut
- › Casoline MF
- › Timber boards or sheets eg. MDF

This enables its use in **Ceiling, Suspended Raft and Wall** Applications. (Walling substrates include Concrete, Masonry or Timber framed or stud partitions.)

SupaSlat Lift and Shift system enables simple and rapid Installation into T24 Grid Systems with minimal use of tools.

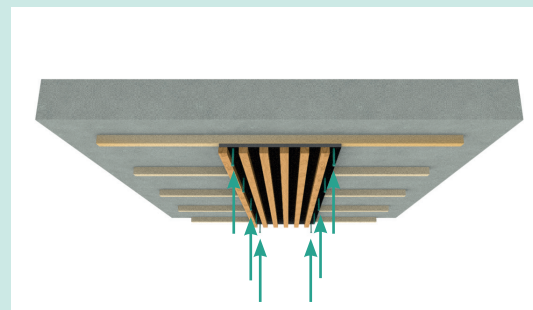
This enables its use in **Ceilings** and **Suspended Rafts**.

FOR CEILINGS AND RAFTS

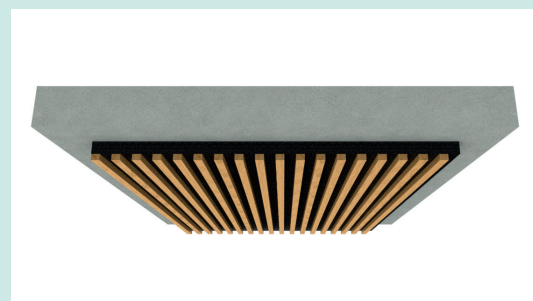
SCREW FIX DIRECT TO SOFFIT OR RAILS



- 1 Lift panel to pre-installed ceiling substrate/rails.



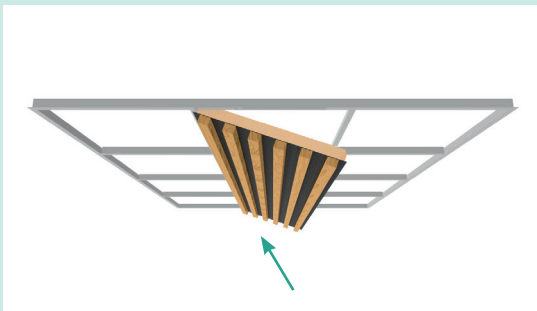
- 2 Screw through the panel backing and cross battens directly to the substrate, using discreet black screws in the black gap between the slats.



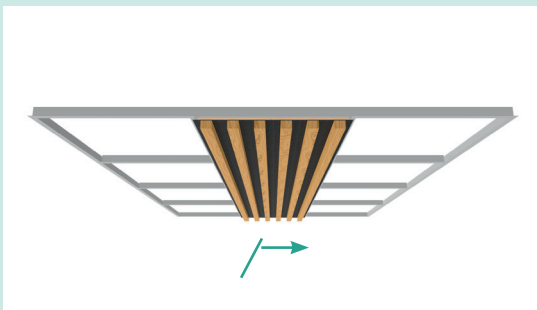
- 3 Repeat for remaining panels, cover edges with finishing strips if required.

LIFT AND SHIFT

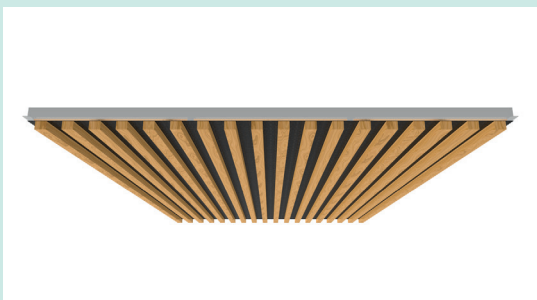
Best for: ease of access and discreet fitting



- 1 Tilt panel and lift one side up into the pre-installed **T24** grid.

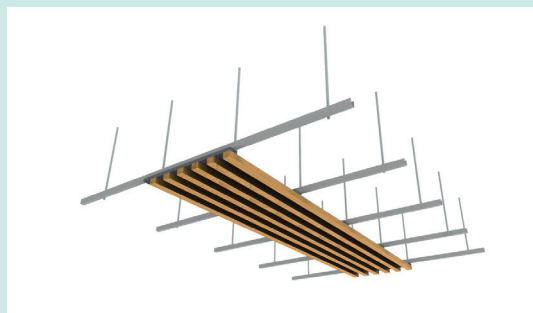


- 2 Swing the other edge up into the grid, shift and drop panel slightly to engage with the grid.

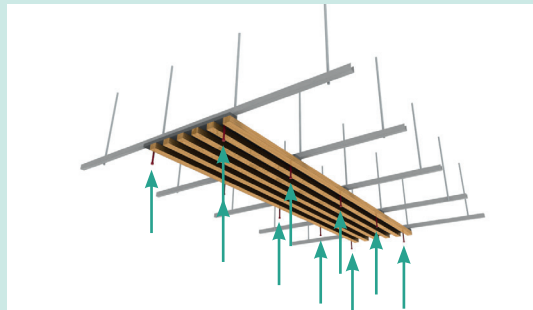


- 3 Insert two safety screws per tile. Repeat for remaining panels.

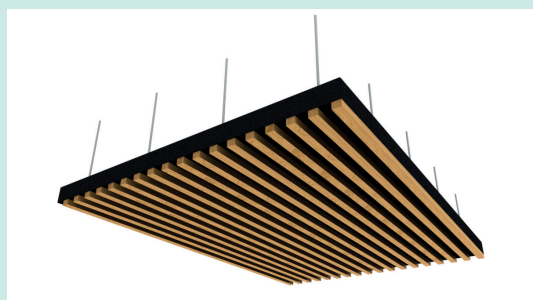
SCREW FIX TO SUSPENDED RAFT



- 1 Lift Panel to pre-installed supports (Unistrut, Timber or similar - shown here suspended on rods).



- 2 Screw through the panel backing and cross battens directly to the substrate, using discreet black screws in the black gap between the slats.



- 3 Repeat for remaining panels, cover edges with finishing strips.

FOR WALLS

FOR WALLS

SupaSlat can be fastened to almost any common wall construction using the methods outlined on the right, for example:

- › Concrete
- › Brickwork or blockwork
- › Lightweight partition system
- › Timber stud partitions

For further advice regarding installing SupaSlat walls or ceilings, please contact our Technical Team on 03307 00 00 30.

NB. Panels can be fitted directly to some substrates and may not require rails – drawing is indicative only.

CLICK FIX

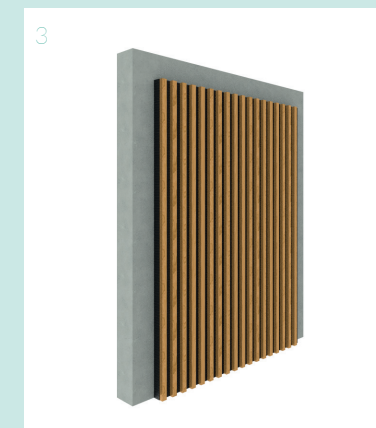
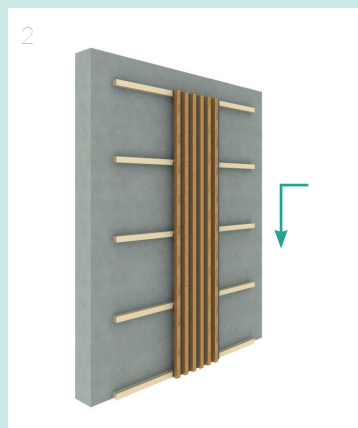
Best for: ease of access and discreet fitting



1. Fix the male parts to the wall substrate / rails, using the Click-Fix markers to position correctly.

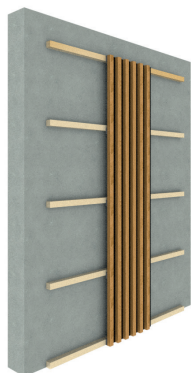
2. Lift panels onto wall and "Click" into place, engaging the female parts on the rear of the panel.

3. Repeat for remaining panels, cover edges with finishing strips, if required.



SCREW FIX DIRECT TO SUBSTRATE

1

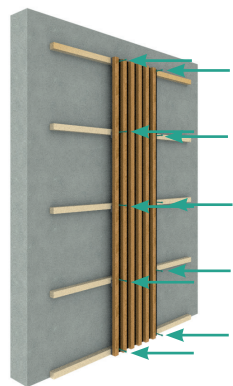


1. Lift Panel to pre-installed wall substrate/rails.

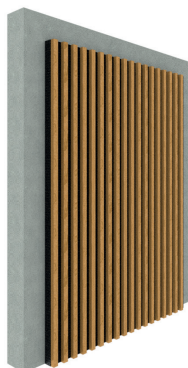
2. Screw through the panel backing and cross battens directly to the substrate, using discreet black screws in the black gap between the slats.

3. Repeat for remaining panels, cover edges with finishing strips, if required.

2

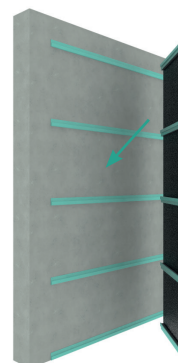


3



HOCKEY STICK / SPLIT BATTEN

1

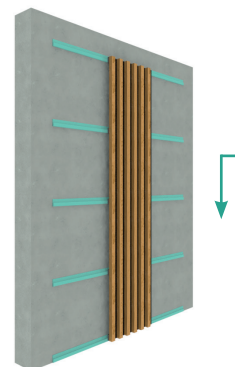


1. Install Hockey Sticks to wall substrate & Panel Rear in correct positions

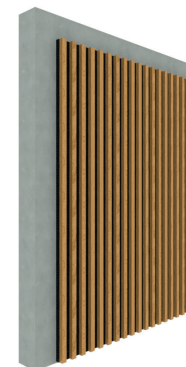
2. Lift panels onto Hockey Sticks and lower to engage.

3. Repeat for remaining panels, cover edges with finishing strips if required.

2



3



BESPOKE CEILINGS AT CANARY WHARF

THE BRIEF

Canary Wharf has become one of the world's most prestigious business districts, with Canary Wharf Group plc known as experts in "high-rise delivery". When updating their own office premises, it was essential that the atmosphere reflected the Group's world-class status and achievements.

BESPOKE CEILING SOLUTION

- › Solid Ash SupaSlat 5 with black, Class 0 FR lacquer was matched to other elements of the project
- › The panels were manufactured to precise dimensions, enabling fuss-free integration of lights and other services
- › No on-site cutting or finishing
- › Vtec's unique Lift and Shift fixing method with the existing T24 grid enabled the installation to be completed within hours and did not require a specialist contractor





END RESULT

Designed for a seamless installation experience and easy integration of lighting, Vtec's SupaSlat ceilings complete the sleek and sophisticated interior, echoing the superb quality of the building and the overall estate.

With a stunning mix of exquisite materials and superior finishes, this stylish office could be assumed to be the interior of a luxurious resort. Vtec's dark wood SupaSlat ceiling beautifully complements the soft carpets and elegant furnishings.



SUPASLAT SYSTEM AT MAJOR UK UNIVERSITY

THE BRIEF

This dynamic wall and ceiling graces the atrium and gym area of a superb purpose-built facility at a Major University. Designed to cater for elite performers from around the world, this project stipulated access requirements to services and incorporated the university's brand identity.

BESPOKE WALL & CEILING SOLUTION

- › Lightweight solution integrating seamlessly with the ceiling grid and wall substrate
- › Incorporating bespoke details and brand identity into the panels
- › Beautiful and inspiring appearance to enhance the space
- › Air conditioning and lighting integrations
- › Quick, clean and simple installation with access to services





END RESULT

Vtec fulfilled these criteria effortlessly using **Supaslat 5** in **Lift and Shift** format, a lightweight system enabling simple integration into the ceiling grid and easy access to the ceiling void throughout..

The desired inspirational appearance was achieved with the system providing both the efficiency of a modular principle and the adaptability to incorporate the service and access requirements and brand identity.



SUPASLAT WALL & RAFT IN PREMIUM DEVELOPMENT

THE BRIEF

Vtec were specified due to the intricate detailing, integrations, complex interfaces and technical nature of this residential project.

SupaSlat and our Supaline panels, were key design elements in this high specification, premium residential development in central London.

EXTENSIVE WALL & RAFT SOLUTION

- › SupaSlat 3 and SupaSlat 4 in solid Oak with a bespoke Walnut finish
- › Visually stunning timber slatted feature walls and ceilings created a warm, luxurious feel
- › Vtec's extensive selection of finishes ensured the panels perfectly complimented other elements of the design
- › Unique fixing methods ensured easy installation, whilst providing permanent access to all services
- › Each SupaSlat panel was made to measure and factory-finished, ensuring an accurate fit and easier install, particularly around intricate areas like the stairs
- › Vtec's technical expertise ensured perfect integration with other elements





END RESULT

This project showcases bespoke timber slatted walls in the foyer and a unique feature staircase, whilst the post room is crowned with an impressive SupaSlat raft. Each area within this technical, architectural project was finished to a very high standard.

Working from a detailed 3D drawing package in order to finalise the custom designs and measurements required, our CAD team produced extensive technical drawings for the installation contractors.

We supported the designer, an industry-leading international Architect, and the Contractor, throughout the entire process from development of the concept design to installation, overcoming some particularly challenging programme requirements.



VTECGROUP.CO.UK

Contact our technical team to discuss your application, samples or other questions.
We're here to help.

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