



MAKING
SPACES
MATTER

SUPACOUSTIC DATA SHEET

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SUPACOUSTIC






PRODUCT DATA SHEET





VTEC

PRODUCT INFORMATION

Our **Supacoustic** range is a **perforated acoustic panel system** that provides great creative scope when designing functional spaces to create both acoustic ceilings and acoustic walls.

Applications 	<ul style="list-style-type: none">- For internal use across a range of sectors including commercial offices, higher education, restaurants, hotels, retail etc.- Versatile system suitable for walls, ceilings and rafts.
Composition 	<ul style="list-style-type: none">- High quality, responsibly-sourced medium density mdf.- Veneer, laminate or painted finish to all visible faces.- Panels are backed with premium grade acoustic fabric backing.- Safe, non-toxic, non-irritant.
Panel Sizes and Perforation	<ul style="list-style-type: none">- Panels are available in modular sizes, as below:<ul style="list-style-type: none">590mm x 590mm1190mm x 590mm2390mm x 590mm1190mm x 1190mm1790 mmx 1190mm2390mm x 1190mm- Available in 10 different perforation styles.- Bespoke sizes and designs can be produced to suit your project requirements.
Thickness and Weight	<ul style="list-style-type: none">- 12mm thick MDF is the standard core material. However, dependent on the requirements, different core materials, colours and thickness can be used.- Approximate weight is 9kg/m² for 12mm moisture resistant mdf. Other mediums will vary.
Acoustics 	<ul style="list-style-type: none">- Black Acoustic Backing Board is applied to the rear of the panel. Further acoustic performance can be achieved by using bulk insulation as well. Dependant on void depth and perforation option, the Noise Reduction Coefficient (NRC) varies between 0.45 to 0.90. Please speak to our Technical team for details and acoustic test data.
Panel Finishes	<ul style="list-style-type: none">- SUPALAMI High quality, realistic, economic, hardwearing laminate finish.- SUPA VENEER Beautiful natural timber veneers with a high quality, clear lacquer.- SUPACOLOUR High quality spray-applied lacquer matched to almost any colour eg. to a RAL or BS references, in a satin, gloss or matt finish.
Fire Performance 	<ul style="list-style-type: none">- Available in non-FR, Class 1 and Class O.
Sustainability Certification 	<ul style="list-style-type: none">- We are FSC® certified (FSC® C160047).- Supacoustic panels are available as FSC Certified. Please talk to us about your specific requirements prior to quotation.

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<p>Natural Materials</p>	<ul style="list-style-type: none"> - Although Supacoustic panels 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 & residue seeping and variations of grain and colour. - 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.
<p>Access and Service Integration</p> 	<ul style="list-style-type: none"> - The Supacoustic system integrates well with access and service requirements, such as: <ul style="list-style-type: none"> - 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.
<p>Panel Installation</p>	<ul style="list-style-type: none"> - Supplied as modular panels, fully finished to avoid on-site cutting: - Panels can be installed so they are removable, if required. - The Supacoustic system can be fastened to almost any type of common substrate. - Vtec's installation kits enable simple screw fastening and secret fastener locations where desired. - Detailed installation instructions supplied.
<p>Installation - Ceilings and Rafts</p> 	<ul style="list-style-type: none"> - SCREW FIX Modules can be either concealed/ discreetly fixed or visibly fixed for removability with a screwdriver. Supacoustic modules can be fixed to a variety of substrates / support work systems (e.g. Unistrut or MF top hats). - LIFT AND SHIFT Modules simply engage into a T-24 exposed ceiling grid from beneath, to enable easy access to the entire ceiling.
<p>Installation - Walls</p>	<ul style="list-style-type: none"> - SCREW FIX Modules can be either concealed/ discreetly fixed or visibly fixed for removability with a screwdriver. Supacoustic modules can be fixed to a variety of substrates / Timber Battens / support work systems (e.g. Unistrut or MF top hats). - SECRET FIX Modules can be secretly fixed with timber split battens, aluminium Z's or aluminium hockey sticks.
<p>Workability</p>	<ul style="list-style-type: none"> - Our Supacoustic panel system is supplied fully finished to avoid on-site cutting and finishing. Your panels will be delivered ready to fit, with full installation instructions. If cutting is required, use standard woodworking tools.
<p>Maintenance</p>	<ul style="list-style-type: none"> - No maintenance needed apart from occasional dusting. Any dirt deposits can be wiped off. Panels should not be subjected to moisture or wet cloths.