

ULTRAFLEX.COM.AU

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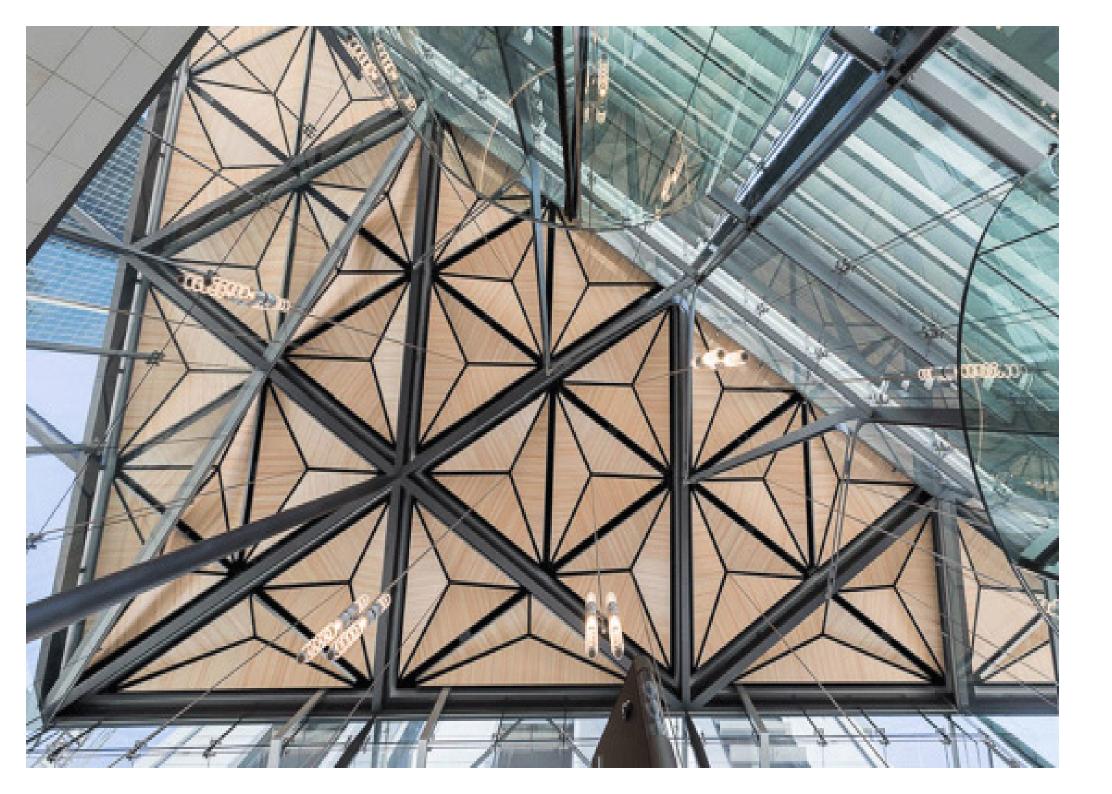


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COMPANY OVERVIEW

Ultraflex Panelling[™] is an established local manufacturer of architectural linings and bespoke joinery solutions with extensive experience across multiple market segments including Commercial, Health, Retail, Education, Hospitality, and Government projects.

Our comprehensive team consists of qualified engineers, tertiary trained support staff, experienced joiners and draftsmen, all working together to provide the highest standard of architectural panelling systems, offering customised solutions in a timely and cost effective manner.

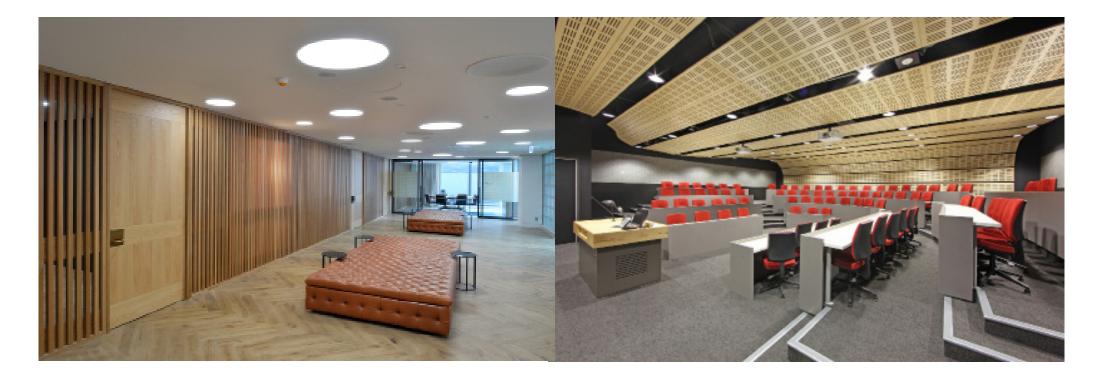
With in-house 3D design capability we offer fast and flexible manufacturing services which have been proven to handle some of the most challenging and unique projects across Australia. We can assist you & your project team to deliver on the design, manufacture, distribution, installation and maintenance of any architectural cladding or bespoke joinery requirements. Our state of the art manufacturing facility spans over 2,000m2, located centrally in the Sydney Metropolitan area. Our machining workshop includes CNC routers, beam saw, panel saw, laser edge bander. Combined with local representation in every major capital city we are well placed to service projects Australia wide.

We regularly conduct factory tours to demonstrate our capability and provide an enhanced customer experience allowing you to be hands on through the various production processes. Please contact our office for more information if you or your project team would like to take part in this opportunity.

Our team are proud supporters of Save the Children, a leading independent child rights and development organisation in Australia. We are also members of the Timber and Building Materials Association (TAMBA) and hold current PEFC[®] and FSC[®] chain of custody certification. Where available all our timber is sourced from sustainable sources.

"OUR GOAL IS TO DELIVER ON OUR COMMITMENTS IN FULL, ON TIME, EVERY TIME."





PRODUCT RANGE

UltraTile™

- Drop in
- Semi Concealed
- Concealed

UltraSlat™

- Clip-in
- Drop in
- Concealed
- Lightweight

UltraGroove™

• Grooved Timber Panels

UltraSheet™

Custom perforated plasterboard

UltraPanel™

• Pre-finished fibre cement

UltraTex™

Acoustic fabric panels

UltraFace™

• Custom aluminium panels

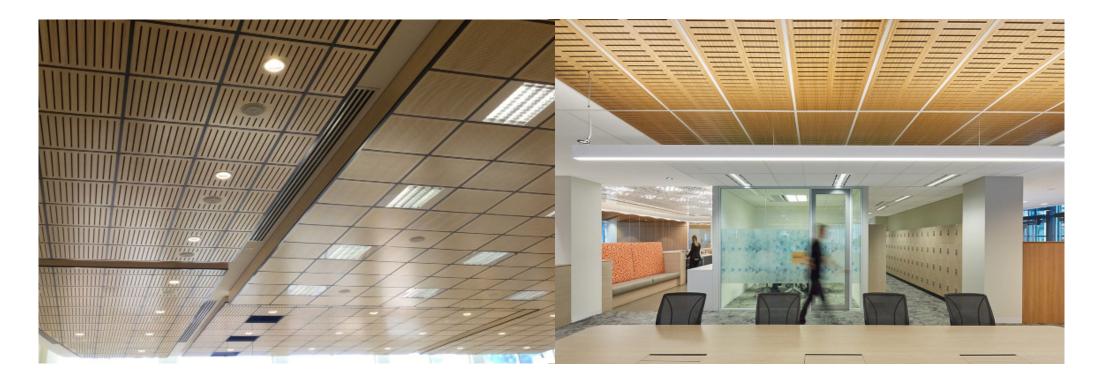
UltraCustom™

Bespoke custom joinery

Fully Customised Options Include

- In-house design for unique outcomes
- 3D printing for prototypes and testing
- Custom perforation patterns
- Laser cutting
- Curving and bending
- Integrated lighting
- Acoustic options
- Variable factory finishes
- Custom joinery articles





ULTRATILE™ DROP-IN

Features

UltraTile[™] drop-in panels are the perfect solution for a premium ceiling with fast and efficient installation into standard 24mm T-grid systems.

Benefits of UltraTile[™] drop-in include:

- Quick installation times and easy retrofit option into existing ceiling grid systems
- Standard perforation patterns and finishes with quick lead times
- Easy integration with existing a/c outlets and light fittings
- · Maintain full accessibility into the ceiling plenum
- Exceptional noise reduction (nrc) acoustic performance
- Green Star Chain of Custody and fire rated options available

Nominal Panel Sizes

- 1200 x 600mm
- 600 x 600mm

Perforation Patterns

- Slotted
- Round
- Custom

Substrate Materials

- Standard E0 MDF
- Moisture Resistant MDF
- Fire Retardant MDF

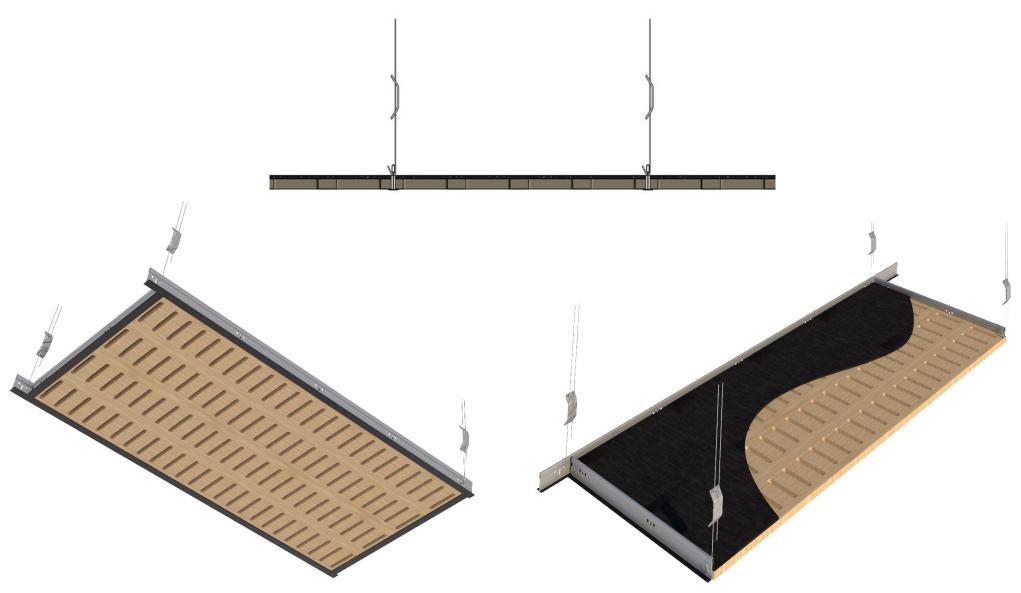
Finishes

- Solid Colour or woodgrain Laminate
- Natural Timber Veneer with clear paint
- 2pac polyurethane solid or metallic paint

Acoustic Backing

• Factory applied Black Megasorber G8A Soundmesh Integrated Textile ULTRATILE™ DROP IN







ULTRATILE[™] SEMI-CONCEALED

Features

UltraTile[™] semi-concealed panels are the perfect solution for a sleek ceiling finish by reducing visibility of 24mm T-grid systems with our custom rebated edge detailing.

Benefits of UltraTile[™] semi-concealed include:

- Quick installation times and easy retrofit option into existing ceiling grid systems
- Standard perforation patterns and finishes with quick lead times
- Easy integration with existing a/c outlets and light fittings
- Maintain full accessibility into the ceiling plenum
- Exceptional noise reduction (nrc) acoustic performance
- Green star Chain of Custody and fire rated options available

Nominal Panel Sizes

- 1200 x 600mm
- 600 x 600mm
- Perforation Patterns
- Slotted
- Round
- Custom

Substrate Materials

- Standard E0 MDF
- Moisture Resistant MDF
- Fire Resistant MDF

Finishes

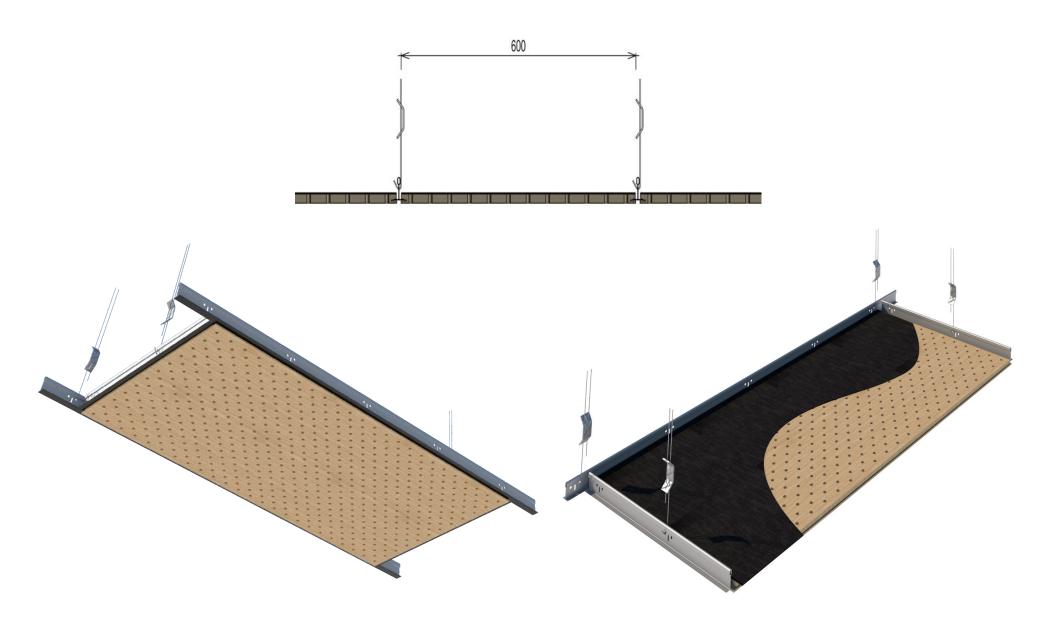
- Solid Colour or woodgrain Laminate
- Natural Timber Veneer with clear satin paint
- 2pac polyurethane solid or metallic colour paint

Acoustic Backing

• Factory applied Black Megasorber G8A Soundmesh Integrated Textile

ULTRATILE™ SEMI-CONCEALED







ULTRATILE™ CONCEALED

Features

UltraTile[™] concealed panels are the perfect solution for integrated wall and ceiling systems with conceal fix installation onto standard TCR/Furring Channel framing systems.

Benefits of UltraTile[™] concealed include:

- Standard installation onto off the shelf framing systems combined with our MDF or aluminium fixing strips pre-fixed to the back of each panel
- Standard perforation patterns and finishes with quick lead times
- Co-ordinated services integration for a/c outlets, light fittings, etc
- Maximise panel sizes to reduce join lines across large open areas
- Exceptional noise reduction (nrc) acoustic performance
- Green star Chain of Custody and fire rated options available

Nominal Panel Sizes

- 2400 x 600 / 1200mm
- 2700 x 600 / 1200mm
 3000 x 600 / 1200mm

Substrate Materials

- Standard E0 MDF
- Moisture Resistant MDF
- Fire Resistant MDF
- BB White Birch Plywood
- AC Hoop Pine Plywood
- Factory applied Black Megasorber G8A Soundmesh Integrated Textile

· Solid Colour or woodgrain Laminate

• 2pac polyurethane solid or metallic

Natural Timber Veneer with clear

Perforation Patterns

Finishes

satin paint

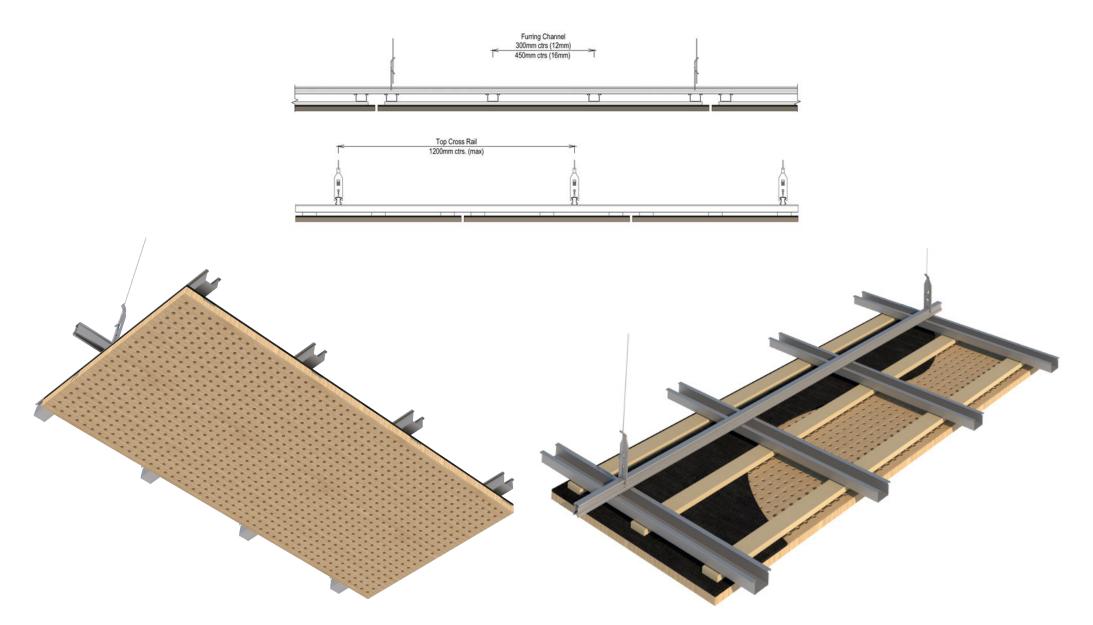
colour paint

Acoustic Backing

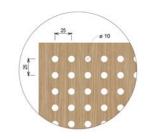
Slotted / Round / Custom

ULTRATILE™ CONCEALED

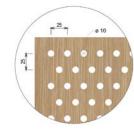




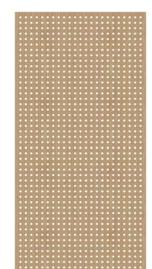
ULTRATILE™ PERFORATIONS - ROUND



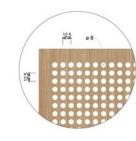
PANEL ID	DRILL SIZE	OPEN AREA
P R 0 6 2 5 S	6	4 %
P R 0 8 2 5 S	8	8 %
P R 1 0 2 5 S	10	12%
P R 1 3 2 5 S	13	21%



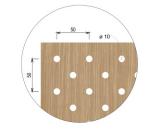
PANEL ID	DRILL SIZE	OPEN AREA
P R 0 6 2 5 D	6	9 %
P R 0 8 2 5 D	8	16%
P R 1 0 2 5 D	10	2 5 %
P R 1 3 2 5 D	13	4 2 %







	PANEL ID	DRILL SIZE	OPEN AREA
Р	R 0 4 1 2 5 S	4	8 %
Р	R 0 6 1 2 5 S	6	18%
Р	R 0 8 1 2 5 S	8	3 2 %



PANEL ID	DRILL SIZE	OPEN AREA
P R 0 6 5 0 D	6	2 %
P R 0 8 5 0 D	8	4 %
PR1050D	10	6 %
P R 1 3 5 0 D	13	10%



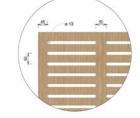


ULTRATILE™ PERFORATIONS - SLOTTED

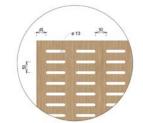
r⁴⁵ 0 13 8

PANEL ID	DRILL SIZE	OPEN AREA
PS150-6	6 M M	10%
P S 1 5 0 - 8	8 M M	13%
P S 1 5 0 - 1 0	1 0 M M	16%
PS150-13	1 3 M M	20%

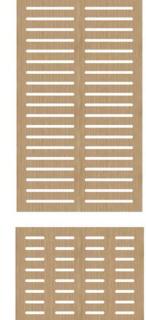




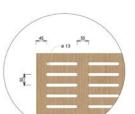
PANEL ID	DRILL SIZE	OPEN AREA
P S 2 5 0 - 6	6 M M	9 %
P S 2 5 0 - 8	8 M M	11%
P S 2 5 0 - 1 0	1 0 M M	14%
P S 2 5 0 - 1 3	1 3 M M	17%



PANEL ID	DRILL SIZE	OPEN AREA
P S 4 5 0 - 6	6 M M	7 %
P S 4 5 0 - 8	8 M M	10%
PS450-10	1 0 M M	12%
P S 4 5 0 - 1 3	1 3 M M	16%

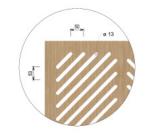




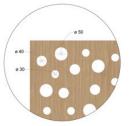


PANEL ID	DRILL SIZE	OPEN AREA
P S 3 5 0 - 6	6 M M	8 %
P S 3 5 0 - 8	8 M M	11%
P S 3 5 0 - 1 0	1 0 M M	13%
P S 3 5 0 - 1 3	1 3 M M	17%

ULTRATILE™ PERFORATIONS - CUSTOM



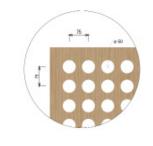
PANEL ID	DRILL SIZE	OPEN AREA
CHEVRON6	6	10%
CHEVRON8	8	14%
CHEVRON10	10	18%
CHEVRON13	13	2 3 %



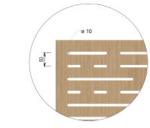
PANELID	PERFORATION SIZE	O P E N A R E A
PC STARBURST 2412	40, 50, 30	19%
PC STARBURST 1206	40, 50, 30	18%
PC STARBURST 0606	40, 50, 30	20%







PANEL ID	DRILL SIZE	OPEN AREA
METEOR	5 0	34%



PANEL ID	DRILL SIZE	OPEN AREA
SPECTRUM6	6	10%
SPECTRUM8	8	13%
SPECTRUM10	10	17%
SPECTRUM13	13	2 2 %

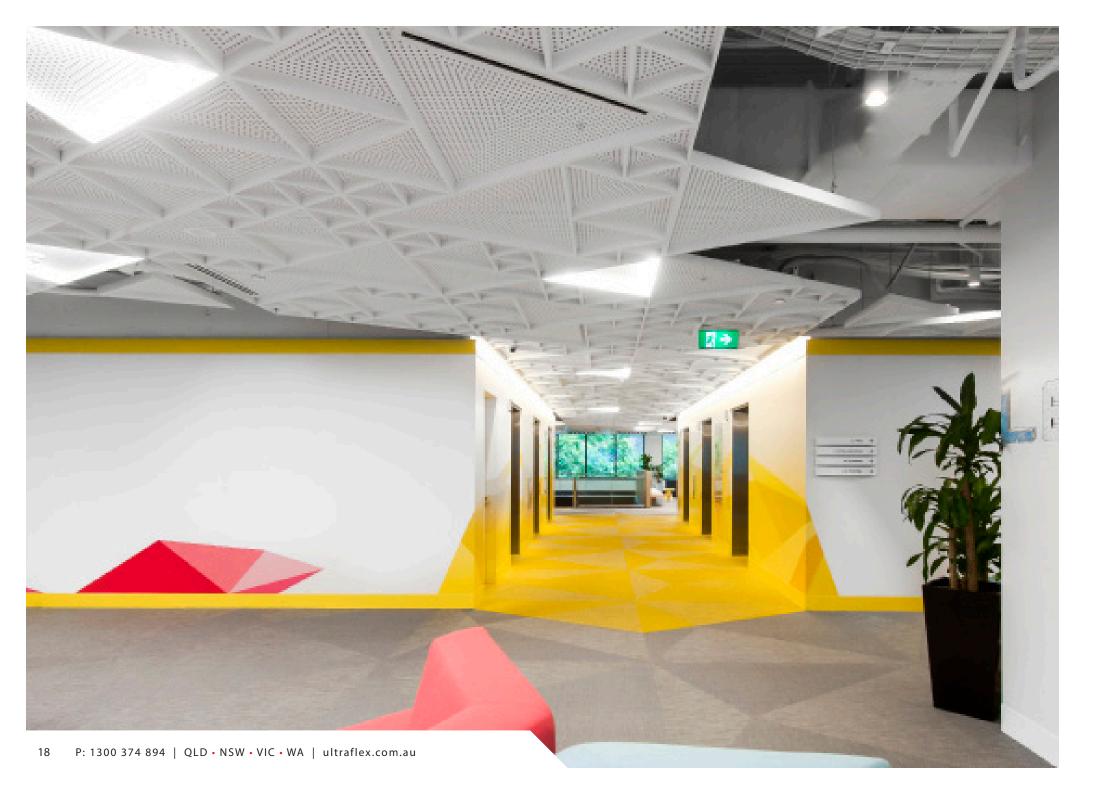
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ULTRATILE™ FINISHES





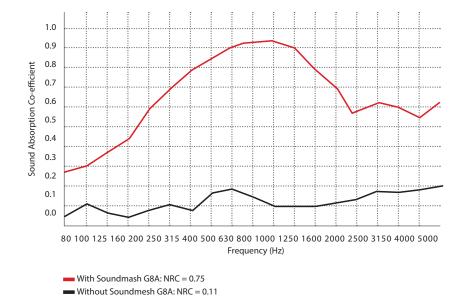


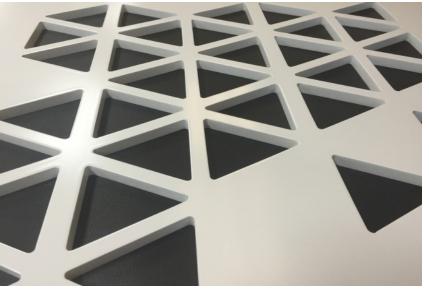
ULTRATILE[™] ACOUSTIC PERFORMANCE

MEGASORBER G8A SOUNDMESH INTEGRATED ACOUSTIC TEXTILE

Our standard factory applied acoustic backing option for perforated UltraTile[™] panels is the patented Megasorber G8A Soundmesh black acoustic textile. This is a thin non-combustible acoustic lining material which is bonded directly to the back of our acoustic panels. With an open area of 28% and 90mm plenum depth the Megasorber G8A Soundmesh achieves an nrc of 0.75 as indicated in the graph below.

The Megasorber G8A Soundmesh acoustic lining product is the perfect complement in providing exceptional acoustic performance to match the aesthetic warmth of our UltraTile[™] panels. Further technical product information including fire test certificates and a variety of acoustic performance test results are available from our office on request.





ULTRATILE[™] SPECIFICATION GUIDE

Panel Type. UltraTile™

Options:

- Drop-in
- Semi-concealed
- Concealed

Substrate Materials

Options:

- AC Hoop Pine Plywood (concealed only)
- BB White Birch Plywood (concealed only)
- Standard E0 MDF
- Moisture Resistant MDF
- Fire Retardant MDF

Perforation Pattern

Options:

- Round (specify pattern)
- Slotted (specify pattern)
- Custom (specify pattern)

Finishes

Options:

- Pre-finished laminate (specify type)
- Natural timber veneer (specify species and clear finish type)
- 2pac polyurethane (specify Dulux colour code and gloss level)
- White undercoat sealer (to include perforations and back of panel)

Nominal Panel Size

Options:

- Drop-in 600x600 / 1200x600
- Semi-concealed 600x600 / 1200x600
- Concealed 2400 x 1200 / 2700 x 1200 / 3000 x 1200
- Custom (specify nominal panel sizes)

Backing Material

Options:

- None (to suit solid panels or open air flow requirements)
- Factory applied Black Megasorber G8A Soundmesh

Fixing System

Options:

- Drop-in panels to suit drop in to standard 24mm exposed T-grid
- Semi-concealed panels to suit standard 24mm exposed T-grid
- Concealed panels to include concealed pre-fixed MDF battens for direct fixing to standard TCR / Furring Channel framing system

Example Specification

 Acoustic panels to be proprietary item as supplied by Ultraflex Panelling[™], contact 02 9748 3344 – UltraTile[™] Concealed Ceiling Panels comprised of standard E0 MDF with slotted perforation PS250-10 and Tasmanian Oak natural timber veneer with clear satin 30% gloss coating. Nominal panel size 2400 x 1200 with factory applied Black Megasorber G8A Soundmesh backing.





ULTRASLAT™ CLIP-IN

Features

UltraSlat[™] clip-in linear battens are the perfect solution for wall and ceiling applications where hardwaring or fire resistent properties are an essential element of the project design.

Benefits of UltraSlat[™] clip-in include:

- Installation flexibility with battens supplied loose for cutting on site to suit service requirements or customer layouts and perimeter details
- Fast installation times utilizing conventional hangers & grid ceiling system
- Full demountability of each individual batten thanks to our patented industry leading spring clip batten connection design
- Colour matched end caps available to close off batten profiles
- Choice of standard profiles and finishes with custom options available

Batten Profiles

- LS10025
- LS15025
- LS15050
- LS20060
- LS25R
- LS40R
- LS50R

Substrate Materials

- Extruded Aluminium
- Solid Timber

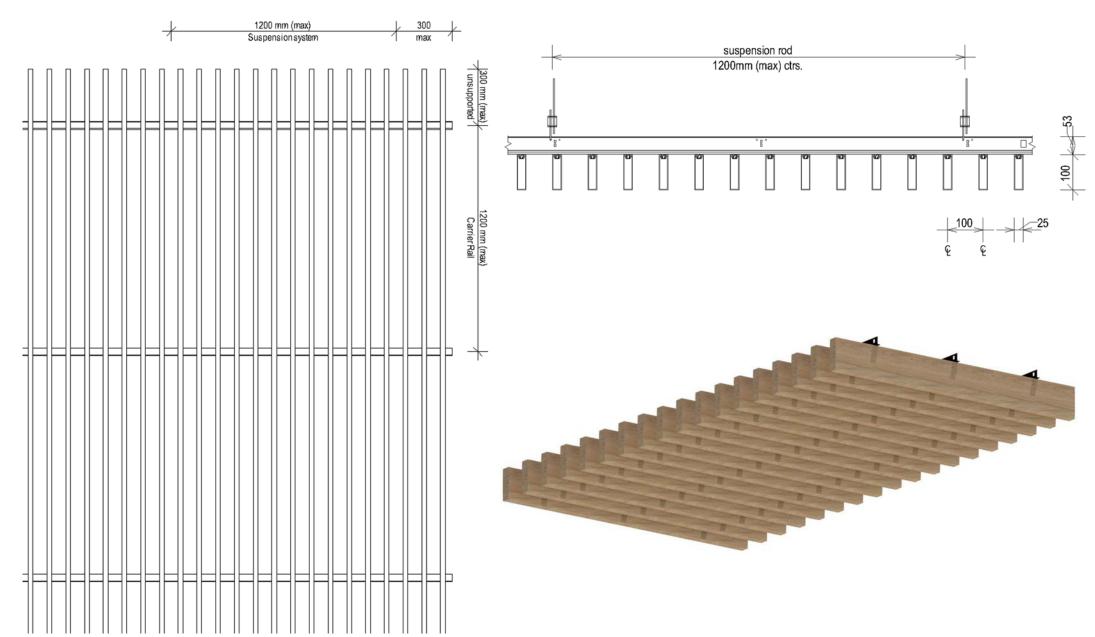
Finishes

- Pre-finished laminate or timber veneer
- Solid Colour or Metallic powdercoat to RAL colour standard
- Woodgrain print powdercoat
- Colour coded end caps to match batten
 finish

Acoustic Backing

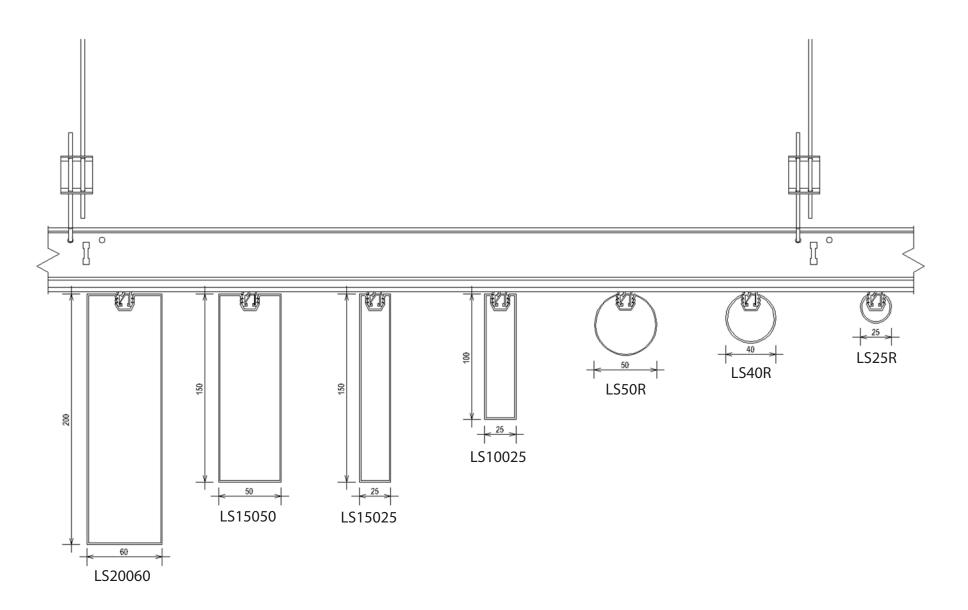
Loose supply Black Megasorber PN5
 with G8A Soundmesh facing

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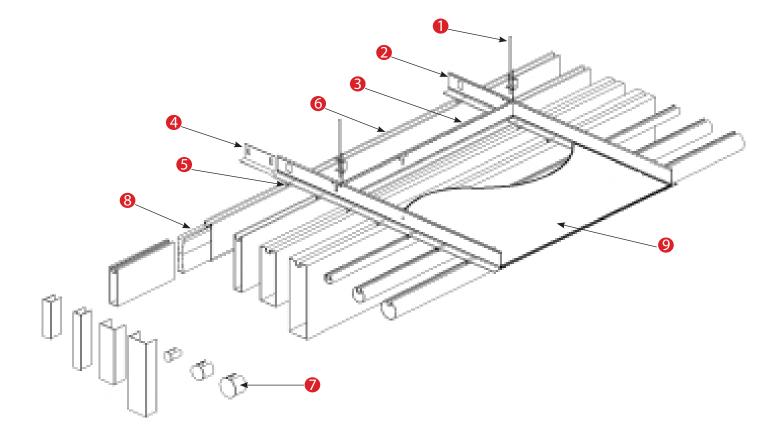
PANEL

ULTRASLAT™ BATTEN PROFILES - CLIP-IN



ULTRASLAT™ ASSEMBLY COMPONENTS - CLIP-IN

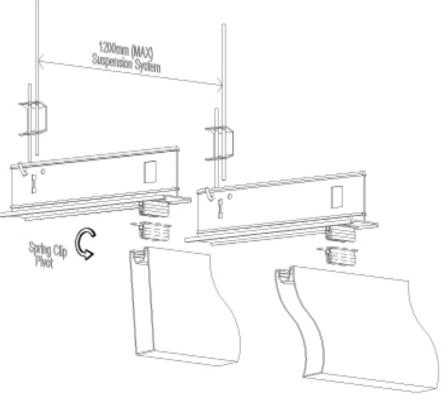






ULTRASLAT™ INSTALLATION GUIDE - CLIP-IN

- 1. Ensure goods have been stored in accordance with manufacturers recommendations and all components are present as per the assembly diagram on previous page. As with all pre-finished surfaces each of the components must be handed with due care work areas must be clean with no abrasive surfaces to avoid scratching. Products should be lifted carefully and not dragged along other surfaces.
- 2. Suspension hangers shall be installed into the roof structure at 1200mm max centres in accordance with the manufacturers recommendations according to the roof structure being fixed to.
- 3. Main Runner Carrier Rails shall be clipped/hooked onto the suspension hangers at 1200mm max centres, ensuring that return leg of the carrier rails remains on the same side when joined end to end and from row to row. This is very important to maintain de-mountability of the baffles following installation the spring clips must be in the same orientation to allow the removal of baffles.
- 4. Main Runner Locking Splines are then to be inserted at 1200mm centres into the pre-punched slot locations on the carrier rails to lock the primary grid system together.
- 5. Where carrier rails are joined end to end, use the Main Runner Joiner clips provided to ensure a strong joint and maintain good alignment of the carrier rails.
- 6. The Baffle Spring Clips are pre-fitted to the carrier rails at specified centres. Use a laser level during installation to ensure the clips are in vertical and horizontal alignment between carrier rails.
- 7. The Clip-in Baffles are profiled in the top edge to push up over the spring clips. Ensure the baffles are fully clipped into the spring clips by pushing the baffles hard up to the underside of the carrier rails.
- 8. Baffle End Caps are provided when specified to close off the exposed ends of the clip-in baffles. Simply push the end caps into the baffles until they sit flush with the end of the extrusion.
- 9. Where baffles are joined end to end, use the Baffle Joiners provided to ensure a strong joint and maintain good alignment of the baffles. The baffle joiners simply squeeze together to slide inside the baffle extrusions.
- 10. Where specified, acoustic ceiling tiles or black acoustic mats can be installed onto the flange of the carrier rail grid system in 1200x1200 modules prior to baffles being clipped in place.
- 11. To remove baffles after installation is complete simply roll the baffle extrusion away from the spring clip pivot point and the baffle will click out of the clip. Once removed it can be re-installed by pushing back up over the spring clip again to the underside of the carrier rail.



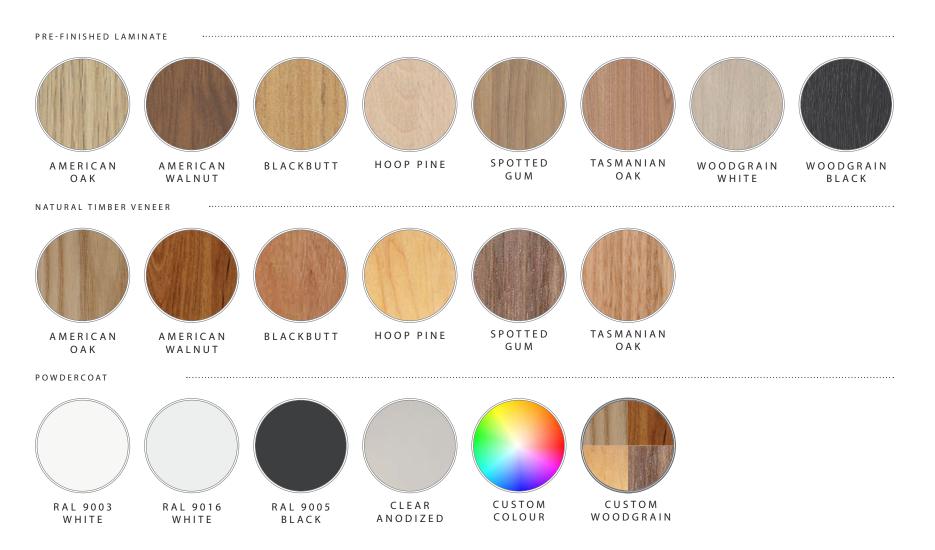




Spring Clip Pivot



ULTRASLAT™ FINISHES - CLIP-IN





ULTRASLAT™ DROP-IN

Features

UltraSlat[™] drop-in panels are the perfect solution for a premium ceiling with fast and efficient installation into standard 24mm T-grid systems.

Benefits of UltraSlat[™] drop-in include:

- Quick installation times and easy retrofit option into existing ceiling grid systems
- Standard perforation patterns and finishes with quick lead times
- Easy integration with existing a/c outlets and light fittings
- · Maintain full accessibility into the ceiling plenum
- Exceptional noise reduction (nrc) acoustic performance
- · Green Star Chain of Custody and fire rated options available

Nominal Panel Sizes

- 1200 x 600mm
- 600 x 600mm
- Batten Profiles
- LS3817-70
- LS9518-120
- LS3232-90
- LS1738-40
- LS1765-75

Substrate Materials

- Moisture Resistant MDF
- Fire Retardant MDF
- Solid Timber

Batten Finishes

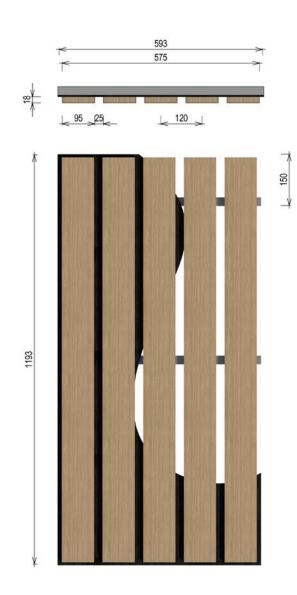
- Solid Colour or woodgrain Laminate
- Natural Timber Veneer with clear paint
- 2pac polyurethane paint

Acoustic Backing

• Factory applied Black Megasorber PN5 with G8A Soundmesh facing

ULTRASLAT™ DROP IN









ULTRASLAT™ CONCEALED

Features

UltraSlat[™] concealed panels are the perfect solution for integrated wall and ceiling systems with conceal fix installation onto standard TCR/Furring Channel framing systems.

Benefits of UltraSlat[™] concealed include:

- Standard installation onto off the shelf framing systems combined with our MDF or aluminium fixing strips pre-fixed to the back of each panel
- Standard perforation patterns and finishes with quick lead times
- Co-ordinated services integration for a/c outlets, light fittings, etc
- Maximise panel sizes to reduce join lines across large open areas
- Exceptional noise reduction (nrc) acoustic performance
- Green star Chain of Custody and fire rated options available

Nominal Panel Sizes

- Nommar Funct 5120
- 2400 x 600 / 1200mm
 3000 x 600 / 1200mm
- 5000 x 000 / 12001111
- Batten Profiles
- LS3817-70
- LS9518-120
- LS3232-90
- LS1738-40
- LS1765-75

Substrate Materials

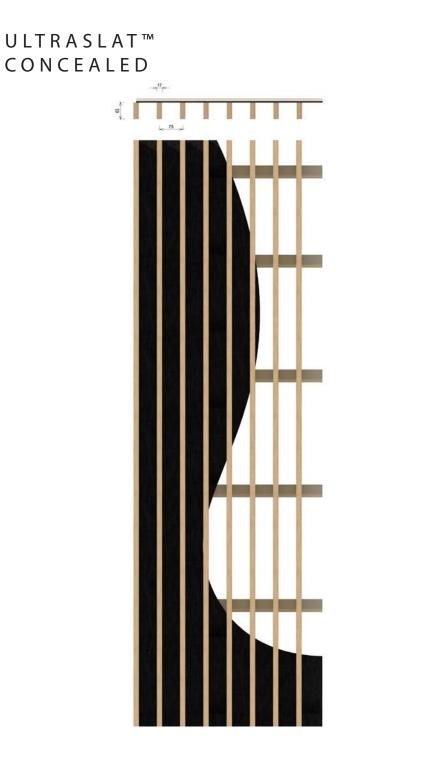
- Moisture Resistant MDF
- Fire Retardant MDF
- Solid Timber

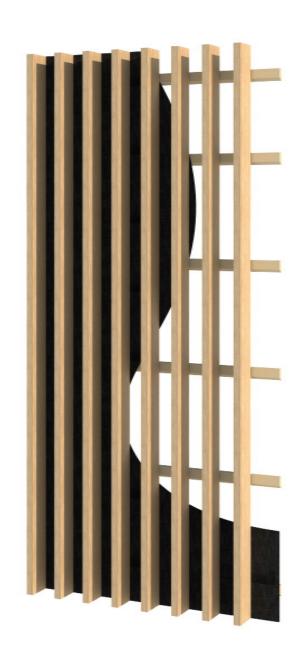
Batten Finishes

- Solid Colour or woodgrain Laminate
- Natural Timber Veneer with clear paint
- 2pac polyurethane paint

Acoustic Backing

• Factory applied Black Megasorber PN5 with G8A Soundmesh facing





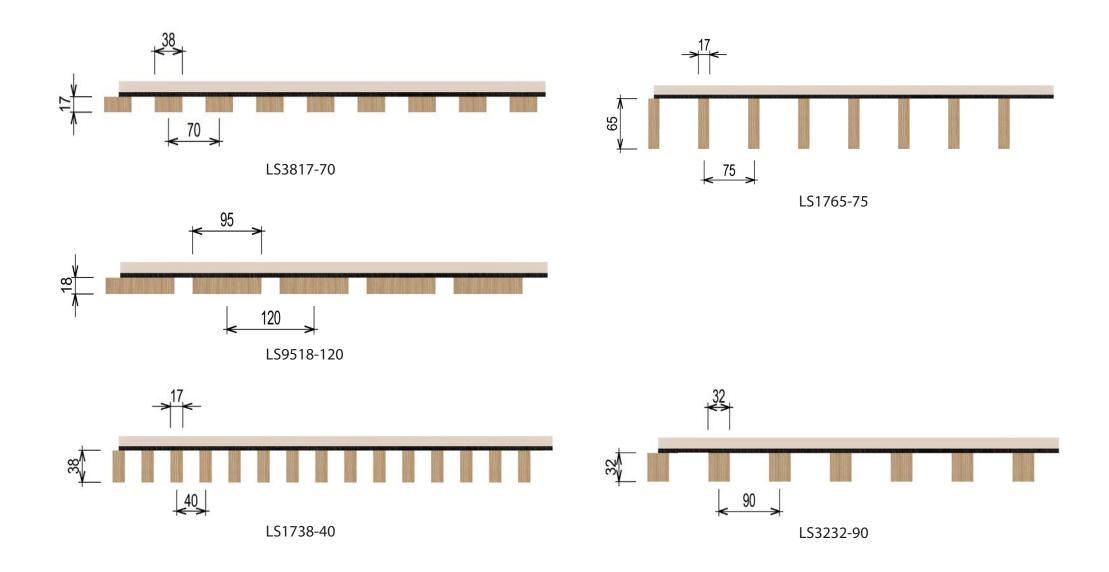
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450 (max) Split Batten Spacing

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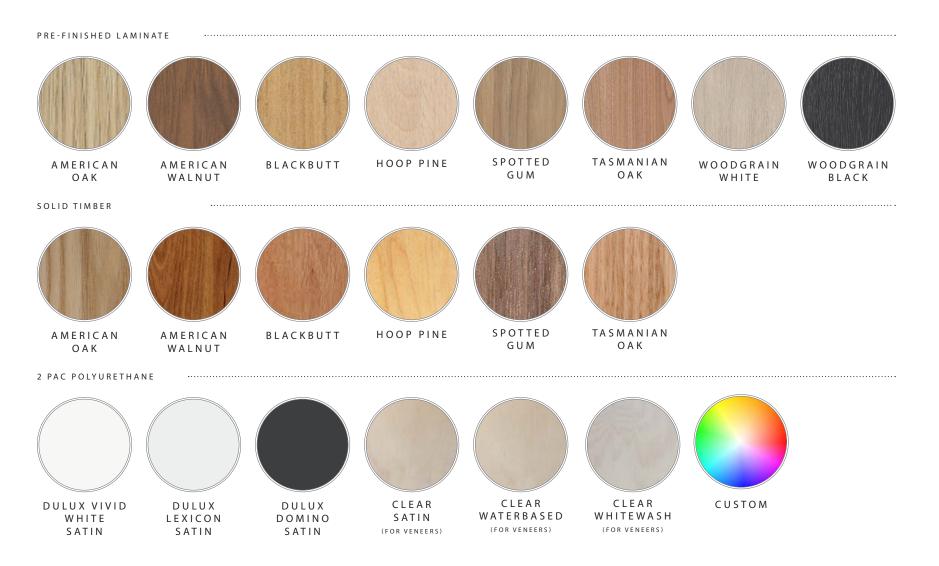


ULTRASLAT™ BATTEN PROFILES - DROP-IN / CONCEALED





ULTRASLAT™ FINISHES - DROP-IN / CONCEALED





ULTRASLAT™ LIGHTWEIGHT

Features

UltraSlat[™] lightweight panels are the perfect solution to gain maximum impact with large format linear timber beams without the weight and instability concerns of solid timber beams. UltraSlat[™] lightweight battens can be supplied loose for individual installation or assembled into panels.

Benefits of UltraSlat[™] Lightweight include:

- Standard installation onto off the shelf framing systems combined with our MDF or aluminium fixing strips pre-fixed to the back of each panel
- Choice of 5 standard batten profiles, customisable to suit any aesthetic
- Co-ordinated services integration for a/c outlets, light fittings, etc
- Maximise panel sizes to reduce join lines across large open areas
- Exceptional noise reduction (nrc) acoustic performance

Nominal Panel Sizes

- 2400 x 600 / 1200mm
 2700 x 600 / 1200mm
- 2/00 x 600 / 1200mm
 3000 x 600 / 1200mm

Batten Profiles

- Batten Promes
- LS10050-100
- LS15050-150
- LS20050-290
- LS25050-250
- LS30050-300

Substrate Materials

• Leightweight honeycomb cardboard core with standard MDF skins

Batten Finishes

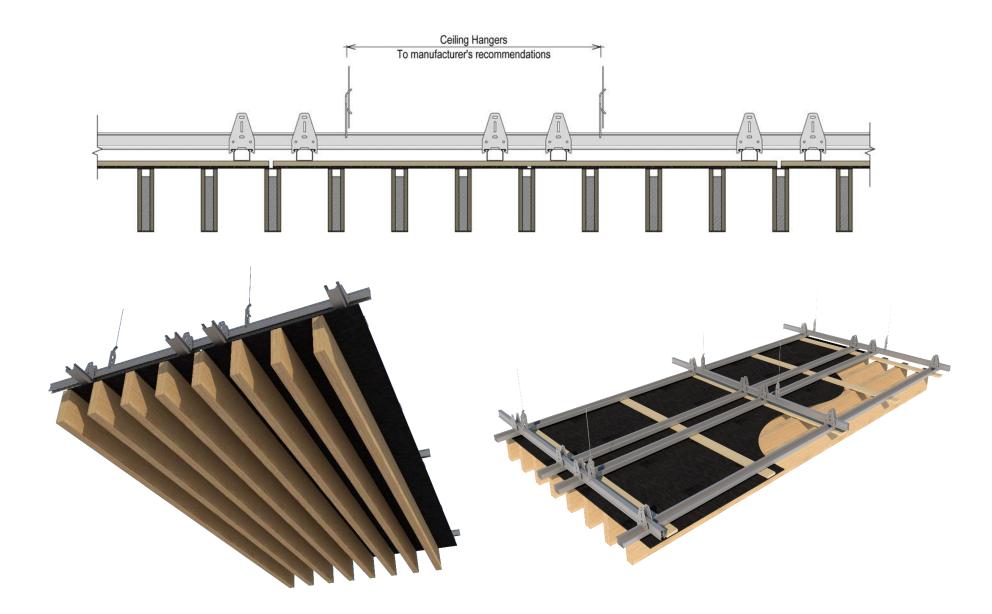
- Solid Colour or woodgrain Laminate
- Natural Timber Veneer with clear paint
- 2pac polyurethane paint

Acoustic Backing

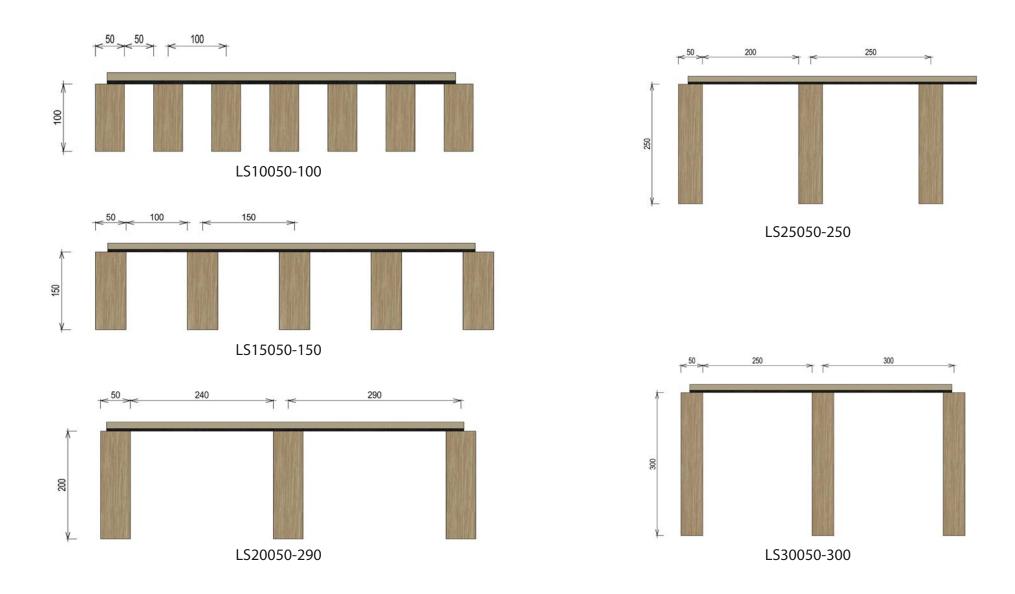
• Factory applied Black Megasorber PN5 with G8A Soundmesh facing

U L T R A S L A T ™ L I G H T W E I G H T



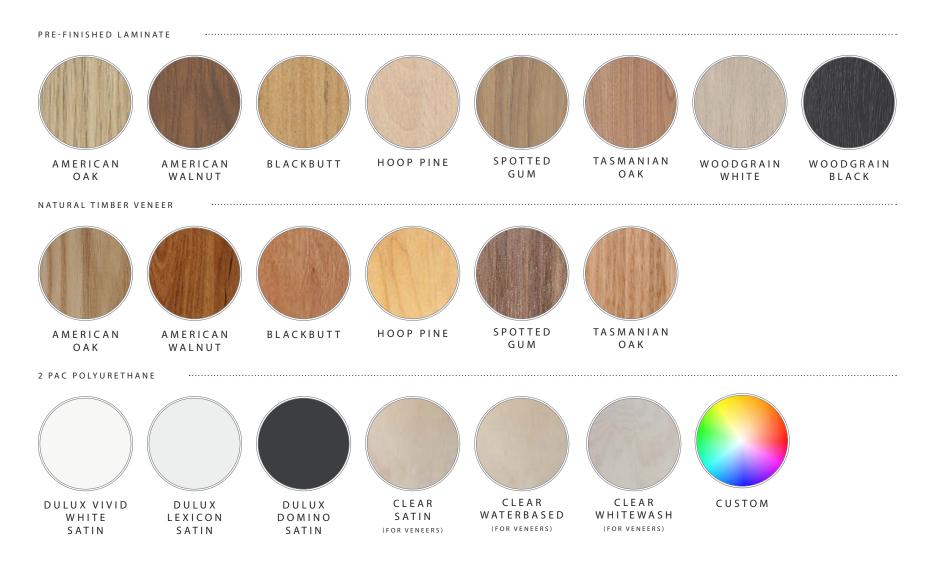


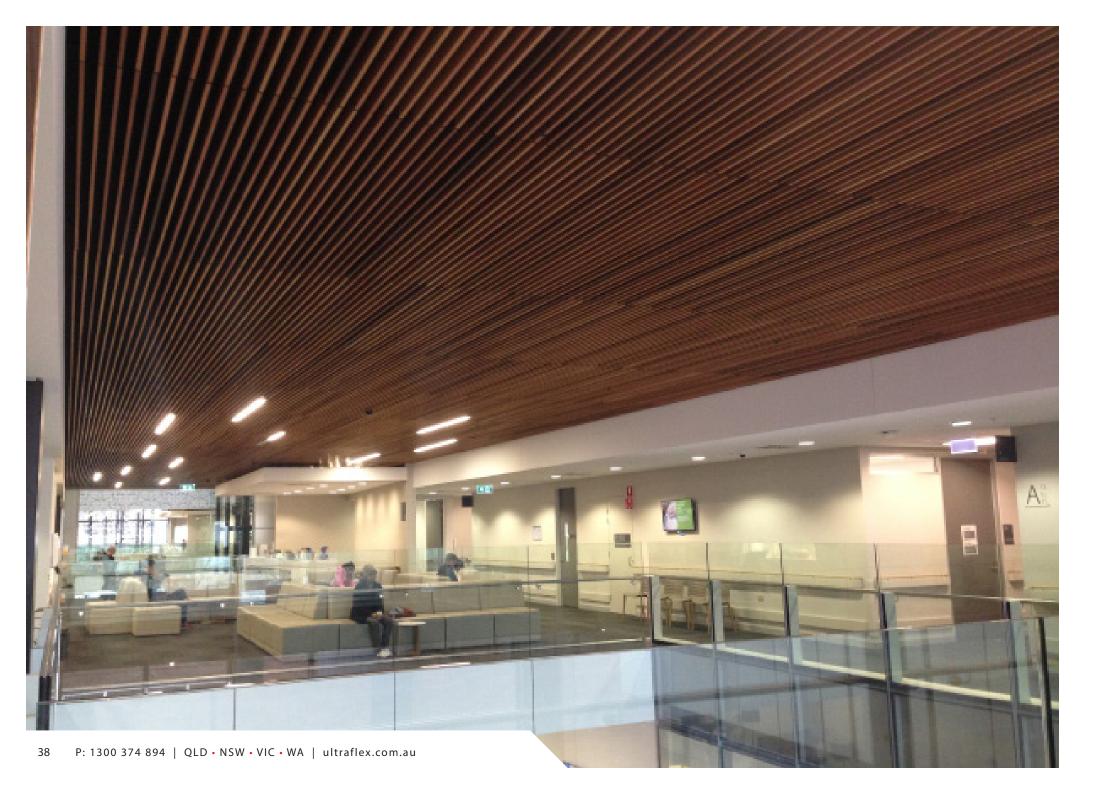
ULTRASLAT™ BATTEN PROFILES - LIGHTWEIGHT





ULTRASLAT™ FINISHES - LIGHTWEIGHT





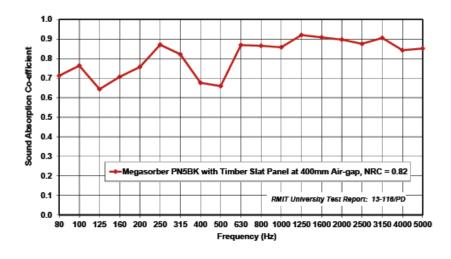


ULTRASLAT™ ACOUSTIC PERFORMANCE

MEGASORBER PN5 WITH G8A SOUNDMESH FACING ACOUSTIC BACKING PANELS

Our standard factory applied acoustic backing option for linear batten UltraSlat[™] panels is the Megasorber PN5 with patented Megasorber G8A Soundmesh black facing acoustic panels. This fire rated acoustic lining material is installed directly to the back of our linear battens and serves the dual purpose of concealing unsightly framing systems and services within the ceiling plenum. With an open area of 50% and 400mm plenum depth the Megasorber PN5 with G8A Soundmesh facing achieves an nrc of 0.82 as indicated in the graph below.

The Megasorber PN5 with G8A Soundmesh acoustic lining product is the perfect complement in providing exceptional acoustic performance to match the aesthetic warmth of our UltraSlat[™] panels. Further technical product information including fire test certificates and a variety of acoustic performance test results are available from our office on request.





ULTRASLAT™ SPECIFICATION GUIDE

Panel Type. UltraSlat™

Options:

- Aluminium Clip-in
- Drop-in
- Concealed
- Lightweight

Substrate Materials

Options:

- Aluminium
- Solid Timber
- Standard MDF
- Moisture Resistant MDF
- Fire Retardant MDF
- Lightweight Core

Batten Profiles

Options:

- Aluminium (specify profile from above)
- Drop-in / Concealed (specify profile from above)
- Lightweight (specify profile from above)

Finishes

Options:

- Aluminium (specify finish from above)
- Drop-in / Concealed (specify finish from above)
- Lightweight (specify finish from above)

Nominal Panel Size

Options:

- Clip-in supplied loose for site assembly
- Drop-in 600x600 / 1200x600
- Concealed 2400 x 600 / 1200mm or 3000 x 600 / 1200mm
- Lightweight 2400 x 600 / 1200mm or 2700 x 600 / 1200mm or 3000 x 600 / 1200mm
- Custom (specify nominal panel sizes)

Backing Material

Options:

- None (to suit aesthetics or open air flow requirements)
- Factory applied Black Megasorber PN5 with G8A Soundmesh

Fixing System

Options:

- Aluminium Clip-in proprietary UltraSlat[™] Aluminium clip-in grid system
- Drop-in panels to suit drop in to standard 24mm exposed T-grid
- Concealed panels to include concealed pre-fixed MDF battens for direct fixing to standard TCR / Furring Channel framing system

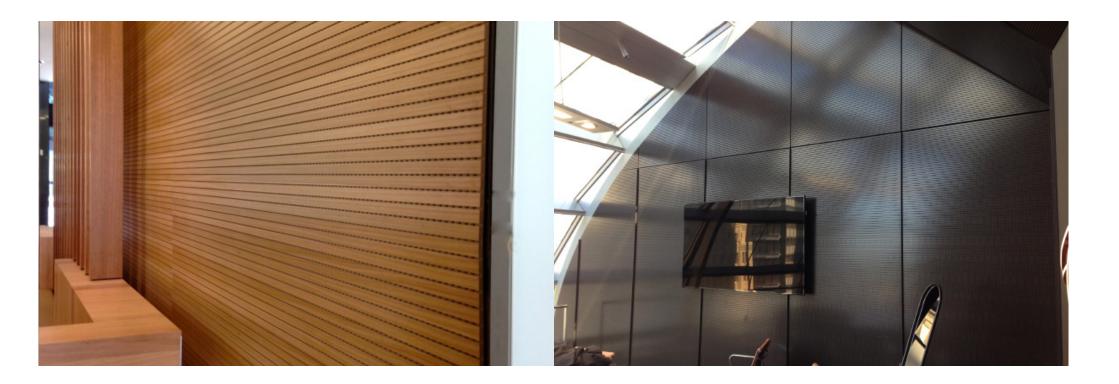
Example Specification

Batten panels to be proprietary item as supplied by Ultraflex Panelling[™], contact 02 9748 3344 – UltraSlat[™] Lightweight Ceiling Panels comprised of LS10050-100 lightweight core battens with Light Oak pre-finished laminate. Nominal panel size 2400 x 1200 with factory applied Black Megasorber PN5 G8A Soundmesh backing and concealed MDF fixing battens to suit direct fix to TCR/Furring channel framing system.

U L T R A G R O O V E $^{\text{\tiny TM}}$



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ULTRAGROOVE™ CONCEALED

Features

UltraGroove[™] concealed panels are a sleek and streamlined premium wall and ceiling lining with minimalist linear grooves in the face of the panels designed for conceal fix installation onto standard framing systems.

Benefits of UltraGroove[™] concealed include:

- Standard installation onto off the shelf framing systems combined with our MDF or aluminium fixing strips pre-fixed to the back of each panel
- Slimline grooved face for a high end linear appearance
- Option to perforate the back of the panels for enhanced nrc acoustic values
- Achieve a linear finish while maintaining larger panel sizes to reduce join lines which occur with smaller plank products and increase installation times
- Green star Chain of Custody and fire rated options available

Nominal Panel Sizes

- 2400 x 600mm
- 2700 x 600mm
- 3000 x 600mm

Substrate Materials

- Standard E0 MDF
- Moisture Resistant MDF
- Fire Resistant MDF

Perforation Patterns

- LGS grooved face only
- LGA grooved face and perforated back (acoustic)

Finishes

- Solid Colour or woodgrain Laminate
- Natural Timber Veneer with clear satin paint
- 2pac polyurethane solid or metallic colour paint

Acoustic Backing

• Factory applied Black Megasorber G8A Soundmesh Integrated Textile



ULTRAGROOVE™ FINISHES



ULTRAGROOVE[™] SPECIFICATION GUIDE

Panel Type. UltraGroove™

Substrate Materials

Options:

- Standard MDF
- Moisture Resistant MDF
- Fire Retardant MDF

Profile - Linear Groove

Options (non-acoustic):

- LGS-0312
- LGS-0420
- LGS-0525

Options (acoustic):

- LGA-0312
- LGA-0420
- LGA-0525

Finishes

Options:

- Pre-finished laminate (specify type)
- Natural timber veneer (specify species and clear finish type)
- 2pac polyurethane (specify Dulux colour & gloss level)
- White undercoat sealer (to include perforations & back of panel)

Nominal Panel Size

Options:

- 2400 x 600mm
- 2700 x 600mm
- 3000 x 600mm

Backing Material

Options:

- None (to suit solid panels or open air flow requirements)
- Factory applied Black Megasorber G8A Soundmesh

Fixing System

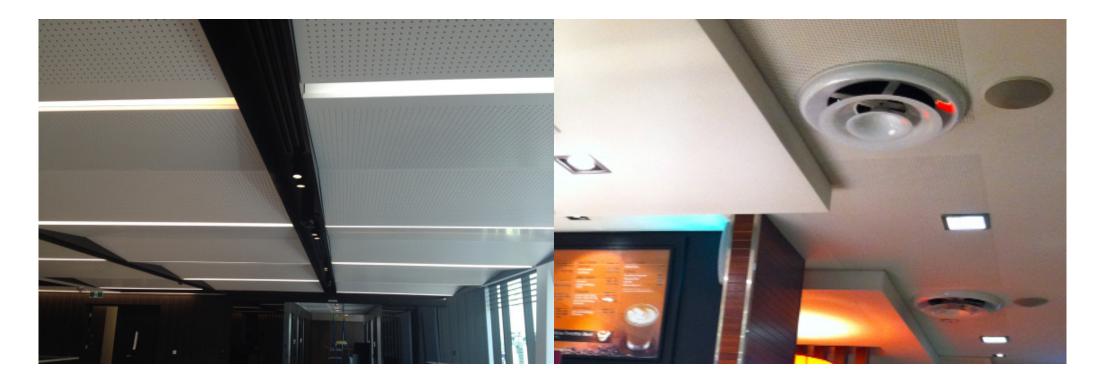
Options:

 Concealed – panels to include concealed pre-fixed MDF battens for direct fixing to standard wall/ceiling framing system

Example Specification

Feature panels to be proprietary item as supplied by Ultraflex Panelling[™], contact 02 9748 3344 – UltraGroove[™] Concealed Wall Panels comprised of standard E0 MDF with linear groove profile XXXX and American Oak pre-finished laminate to face of panels. Nominal panel size 2400 x 600mm laid horizontally with factory applied Black Megasorber G8A Soundmesh backing.





ULTRASHEET™

Features

UltraSheet[™] custom perforated plasterboard sheets are an economical way to achieve exceptional sound absorption results with a flush set wall/ceiling installation.

Benefits of UltraSheet[™] include:

- Choice of plasterboard substrate from your preferred supplier
- Standard perforation patterns with quick lead times
- Fast installation of large wall/ceiling areas using off the shelf framing systems
- · Maintain continuous flow between solid and perforated panels
- Exceptional noise reduction (nrc) acoustic performance
- Custom perforation patterns and layouts avialable on request

Nominal Panel Sizes

- 2400 x 1200mm
- 2700 x 1200mm
- 3000 x 1200mm

Substrate Materials

- 10mm Plasterboard
- 13mm Plasterboard

Perforation Patterns

- Round
- Slotted

Finishes

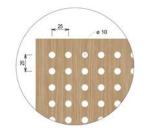
- Raw paper finish
- Factory white undercoat

Acoustic Backing

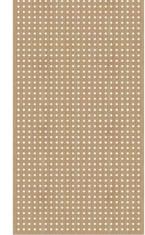
 Factory applied Black Megasorber G8A Soundmesh Integrated Textile

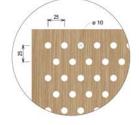


ULTRASHEET™ PERFORATIONS - ROUND



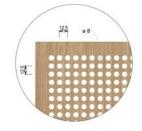
PANEL ID	DRILL SIZE	OPEN AREA
P R 0 6 2 5 S	6	4 %
P R 0 8 2 5 S	8	8 %
P R 1 0 2 5 S	10	12%
P R 1 3 2 5 S	13	21%



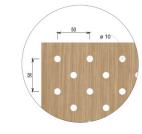


PANELID	DRILL SIZE	OPEN AREA
P R 0 6 2 5 D	6	9 %
P R 0 8 2 5 D	8	16%
PR1025D	10	2 5 %
P R 1 3 2 5 D	13	4 2 %





PANEL ID	DRILL SIZE	OPEN AREA
P R 0 4 1 2 5 S	4	8 %
P R 0 6 1 2 5 S	6	18%
P R 0 8 1 2 5 S	8	3 2 %



	PANEL ID	DRILL SIZE	OPEN AREA
F	PR0650D	6	2 %
F	PR0850D	8	4 %
F	PR1050D	10	6 %
F	PR1350D	13	10%

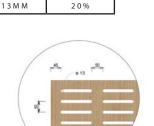


ULTRASHEET™ PERFORATIONS - SLOTTED

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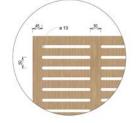
PANELID	DRILL SIZE	OPEN AREA
P S 1 5 0 - 6	6 M M	10%
P S 1 5 0 - 8	8 M M	13%
P S 1 5 0 - 1 0	1 0 M M	16%
P S 1 5 0 - 1 3	1 3 M M	20%



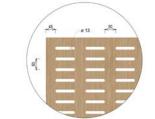


PANEL ID	DRILL SIZE	OPEN AREA
P S 3 5 0 - 6	6 M M	8 %
P S 3 5 0 - 8	8 M M	11%
P S 3 5 0 - 1 0	1 0 M M	1 3 %
P S 3 5 0 - 1 3	1 3 M M	17%





PANEL ID	DRILL SIZE	OPEN AREA
P S 2 5 0 - 6	6 M M	9 %
P S 2 5 0 - 8	8 M M	11%
P S 2 5 0 - 1 0	1 0 M M	14%
P S 2 5 0 - 1 3	1 3 M M	17%



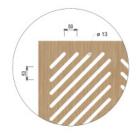
PANEL ID	DRILL SIZE	OPEN AREA
P S 4 5 0 - 6	6 M M	7 %
P S 4 5 0 - 8	8 M M	10%
P S 4 5 0 - 1 0	1 0 M M	12%
P S 4 5 0 - 1 3	1 3 M M	16%





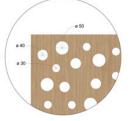


ULTRASHEET™ PERFORATIONS - CUSTOM

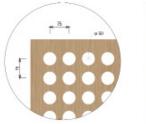


PANEL ID	DRILL SIZE	OPEN AREA
CHEVRON6	6	10%
CHEVRON8	8	14%
CHEVRON10	10	18%
CHEVRON13	1 3	2 3 %

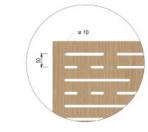




PANEL ID	PERFORATION SIZE	O P E N A R E A
PC STARBURST 2412	40, 50, 30	19%
PC STARBURST 1206	40, 50, 30	18%
PC STARBURST 0606	40, 50, 30	20%



PANEL ID	DRILL SIZE	OPEN AREA
METEOR	5 0	34%



PANEL ID	DRILL SIZE	OPEN AREA
SPECTRUM6	6	10%
SPECTRUM8	8	13%
SPECTRUM10	10	17%
SPECTRUM13	13	22%

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ULTRASHEET™ ACOUSTIC PERFORMANCE

MEGASORBER G8A SOUNDMESH INTEGRATED ACOUSTIC TEXTILE

Our standard factory applied acoustic backing option for perforated UltraSheet[™] products is the patented Megasorber G8A Soundmesh black acoustic textile. This is a thin non-combustible acoustic lining material which is bonded directly to the back of our acoustic panels. With an open area of 28% and 90mm plenum depth the Megasorber G8A Soundmesh achieves an nrc of 0.75 as indicated in the graph below.

The Megasorber G8A Soundmesh acoustic lining product is the perfect complement in providing exceptional acoustic performance to match the design possibilities of our UltraSheet[™] panels. Further technical product information including fire test certificates and a variety of acoustic performance test results are available from our office on request.



ULTRASHEET™ SPECIFICATION GUIDE

Panel Type. UltraSheet™

Substrate Materials

Options:

- 10mm Plasterboard
- 13mm Plasterboard

Perforation Pattern *Options:*

- Round (specify pattern)
- Slotted (specify pattern)
- Custom (specify pattern)

Finishes

Options:

- Raw Plasterboard Paper Finish
- White undercoat sealer (to include perforations)

Nominal Panel Size

Options:

- 2400 x 1200mm
- 2700 x 1200mm
- 3000 x 1200mm

Backing Material

Options:

- None (to suit open air flow requirements)
- Factory applied Black Megasorber G8A Soundmesh

Fixing System

Options:

• Face Fixed – panels supplied as perforated sheets only for direct fixing to standard wall/ceiling framing system

Example Specification

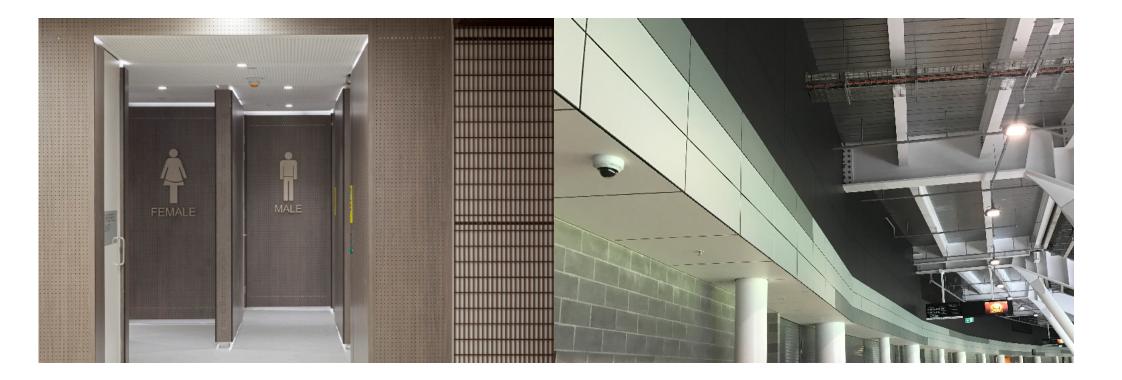
 Acoustic Plasterboard panels to be proprietary item as supplied by Ultraflex Panelling[™], contact 02 9748 3344 – UltraSheet[™] Panels comprised of 13mm Plasterboard with perforation pattern PR5075 and factory white undercoat finish including to perforations. Nominal panel size 2400 x 1200mm with factory applied Black Megasorber G8A Soundmesh backing.

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U L T R A P A N E L ™

Features

UltraPanel[™] perforated fibre cement sheets provide the perfect solution where custom designs or noise reduction is sought in external or high traffic environments requiring the hardwaring properties of fibre cement linings.

Benefits of UltraPanel[™] include:

- Choice of fibre cement substrate from your preferred supplier
- · Standard perforation patterns with quick lead times
- Fast installation of large wall/ceiling areas using off the shelf framing systems
- · Maintain continuous flow between solid and perforated panels
- Exceptional noise reduction (nrc) acoustic performance
- Custom perforation patterns and layouts avialable on request

Nominal Panel Sizes

- 2400 x 1200mm
- 2700 x 1200mm
- 3000 x 1200mm

Substrate Materials

- 6mm Wallboard
- 9mm Villaboard / Exotec
- Specilty FC Products

Perforation Patterns

- Round
- Slotted

Finishes

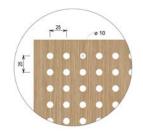
- Raw FC face finish
- Factory white undercoat
- Factory polyurethane

Acoustic Backing

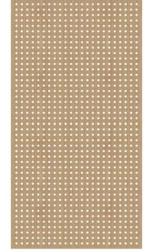
• Factory applied Black Megasorber G8A Soundmesh Integrated Textile

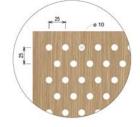


ULTRAPANEL™ PERFORATIONS - ROUND



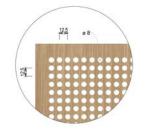
PANEL ID	DRILL SIZE	OPEN AREA
P R 0 6 2 5 S	6	4 %
P R 0 8 2 5 S	8	8 %
P R 1 0 2 5 S	10	12%
P R 1 3 2 5 S	13	21%



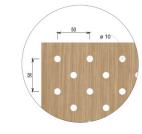


PANEL ID	DRILL SIZE	OPEN AREA
P R 0 6 2 5 D	6	9 %
P R 0 8 2 5 D	8	16%
PR1025D	10	2 5 %
P R 1 3 2 5 D	13	4 2 %





PANEL ID	DRILL SIZE	OPEN AREA
P R 0 4 1 2 5 S	4	8 %
P R 0 6 1 2 5 S	6	18%
P R 0 8 1 2 5 S	8	3 2 %



PANEL	ID	DRILL SIZE	OPEN AREA
P R 0 6 5 0 D)	6	2 %
P R 0 8 5 0 D)	8	4 %
P R 1 0 5 0 D)	10	6 %
P R 1 3 5 0 D)	13	10%



ULTRAPANEL™ PERFORATIONS - SLOTTED

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OPEN AREA

8 %

11%

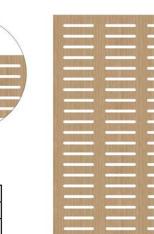
13%

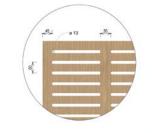
17%

PANEL ID	DRILL SIZE	OPEN AREA
PS150-6	6 M M	10%
P S 1 5 0 - 8	8 M M	13%
P S 1 5 0 - 1 0	1 0 M M	16%
P S 1 5 0 - 1 3	1 3 M M	20%

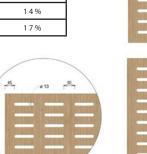
3







PANEL ID	DRILL SIZE	OPEN AREA
P S 2 5 0 - 6	6 M M	9 %
P S 2 5 0 - 8	8 M M	11%
P S 2 5 0 - 1 0	1 0 M M	14%
P S 2 5 0 - 1 3	1 3 M M	17%



	-	
PANEL ID	DRILL SIZE	OPEN AREA
P S 4 5 0 - 6	6 M M	7 %
P S 4 5 0 - 8	8 M M	10%
PS450-10	1 0 M M	12%
P S 4 5 0 - 1 3	1 3 M M	16%



DRILL SIZE

6 M M

8 M M

1 0 M M

1 3 M M

PANEL ID PS350-6

PS350-8

PS350-10

P S 3 5 0 - 1 3

56

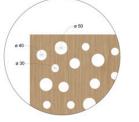


ULTRAPANEL™ PERFORATIONS - CUSTOM

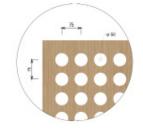


PANEL ID	DRILL SIZE	OPEN AREA
CHEVRON6	6	10%
CHEVRON8	8	14%
CHEVRON10	10	18%
CHEVRON13	13	2 3 %

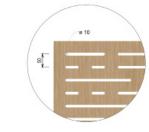




PANELID	PERFORATION SIZE	O P E N A R E A
PC STARBURST 2412	40, 50, 30	19%
PC STARBURST 1206	40, 50, 30	18%
PC STARBURST 0606	40, 50, 30	20%



PANEL ID	DRILL SIZE	OPEN AREA
METEOR	5 0	34%



	PANEL ID	DRILL SIZE	OPEN AREA
	S P E C T R U M 6	6	10%
Γ	S P E C T R U M 8	8	13%
	SPECTRUM10	10	17%
	SPECTRUM13	13	22%





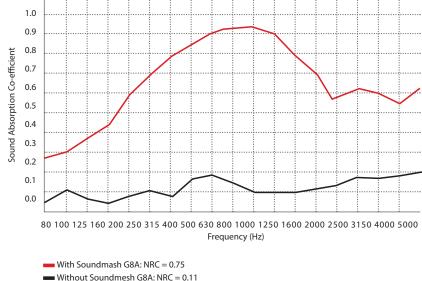


ULTRAPANEL[™] ACOUSTIC PERFORMANCE

MEGASORBER G8A SOUNDMESH INTEGRATED ACOUSTIC TEXTILE

Our standard factory applied acoustic backing option for perforated UltraPanel[™] products is the patented Megasorber G8A Soundmesh black acoustic textile. This is a thin non-combustible acoustic lining material which is bonded directly to the back of our acoustic panels. With an open area of 28% and 90mm plenum depth the Megasorber G8A Soundmesh achieves an nrc of 0.75 as indicated in the graph below.

The Megasorber G8A Soundmesh acoustic lining product is the perfect complement in providing exceptional acoustic performance to match the design possibilities of our UltraPanel[™] panels. Further technical product information including fire test certificates and a variety of acoustic performance test results are available from our office on request.





ULTRAPANEL™ SPECIFICATION GUIDE

Panel Type. UltraPanel™

Substrate Materials

Options:

- 6mm Wallboard
- 9mm Villaboard / Exotec
- Specilty FC Products (ie Equitone, etc please specify)

Perforation Pattern

Options:

- Round (specify pattern)
- Slotted (specify pattern)
- Custom (specify pattern)

Finishes

Options:

- Raw FC face finish
- White undercoat sealer (to include perforations)
- Factory polyurethane (specify colour)

Nominal Panel Size

Options:

- 2400 x 1200mm
- 2700 x 1200mm
- 3000 x 1200mm

Backing Material

Options:

- None (to suit open air flow requirements)
- Factory applied Black Megasorber G8A Soundmesh

Fixing System

Options:

• Face Fixed – panels supplied as perforated sheets only for direct fixing to standard wall/ceiling framing system

Example Specification

 Custom Fibre Cement panels to be proprietary item as supplied by Ultraflex Panelling[™], contact 02 9748 3344 – UltraPanel[™] sheets comprised of 9mm Exotec with perforation pattern PR0825 in raw finish for painting on site. Nominal panel size 2400 x 1200mm with factory applied Black Megasorber G8A Soundmesh backing.





U LT R A T E X ™

Features

UltraTex[™] acoustic fabric panels provide exceptional acoustic performance and allow designers to bring dull areas to life with an endless range of colours and fabric finishes from manufacturers of your choice.

Benefits of UltraTex[™] include:

- · Choice of acoustic substrate from your preferred supplier
- Choice of fabric facing from your preferred supplier
- Custom trim options including aluminium and timber profiles
- Exceptional noise reduction (nrc) acoustic performance
- Custom panel shapes and sizes to suit specific wall/ceiling layouts
- Available with pre-fixed concealed fixings for seamless installation

Nominal Panel Sizes

- 1200 x 1200mm
- 2400 x 1200mm
- 2700 x 1200mm
- 3000 x 1200mm

Substrate Materials

- Woven Image Echo Panel
- Autex Quietspace
- Megasorber PN
- Martini dECO

Fabric Finishes

 Unlimited range - choose from your preferred supplier

Acoustic Performance

• Varies according to substrate chosen - please contact us for further information and technical data



ULTRATEX™ SPECIFICATION GUIDE

Panel Type. UltraTex™

Substrate Materials

Options:

- Woven Image Echo Panel
- Autex Quietspace
- Megasorber PN
- Martini dECO

Fabric Finishes

• Unlimited range - choose from your preferred supplier

Trims

Options:

- Aluminium angle (powdercoat colour or clear anodized)
- Timber (nominate trim size & timber species)

Nominal Panel Size

Options:

- 1200 x 1200mm
- 2400 x 1200mm
- 2700 x 1200mm
- 3000 x 1200mm

Backing Material

Options:

- None (to suit direct stick to wall/ceiling substrate)
- E0 MR MDF lamianted to acoustic substrate material selection

Fixing System

Options:

• Conceal fixed split battens pre-fixed to rear of MDF backing sheets

Example Specification

 Acoustic fabric panels to be proprietary item as supplied by Ultraflex Panelling[™], contact 02 9748 3344 – UltraTex[™] comprised of 12mm MDF backing board laminated with 25mm Woven Image Echo Panel colour 542. Nominal panel size 2400 x 1200mm with conceal fixed split battens and clear anodized aluminium angle trim.

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U L T R A F A C E ™

Features

UltraFace[™] custom aluminium panels provide the perfect solution where custom designs and hardwaring linings are sought for external or high traffic environments with a range of pre-finished options available.

Benefits of UltraFace[™] include:

- Choice of aluminium composite panel substrate from your preferred supplier
- Factory CNC cut and v-grooved panels for smooth folds and consistent joins
- Fast installation of large wall/ceiling areas using off the shelf framing systems
- Range of solid colour, metallic, or woodgrain finish options
- Exceptional wear resistance and minimal ongoing maintenance requirement

Nominal Panel Sizes

- 2500 x 1250/1500mm
- 3200 x 1250/1500mm
- 4000 x 1250/1500mm

Finishes

- Solid Colour
- Metallic

Fixings

• Woodgrain

Substrate Materials

- ZZ angles for cassette system
- Flat sheets for direct fix

Alucobond Alpolic

Vitracore

Solid Aluminium



ULTRAFACE™ SPECIFICATION GUIDE

Panel Type. UltraFace™

Substrate Materials

Options:

- Vitracore G2
- Alucobond
- Alpolic
- Solid Aluminium (speficy thickness 1.5/3.0/6.0mm)

Finishes

Options (select from preferred suppliers range):

- Solid Colour
- Metallic
- Woodgrain

Nominal Panel Size

Options:

- 2500 x 1250/1500mm
- 3200 x 1250/1500mm
- 4000 x 1250/1500mm
- Custom (specify size/s up to max 4000x1250mm)

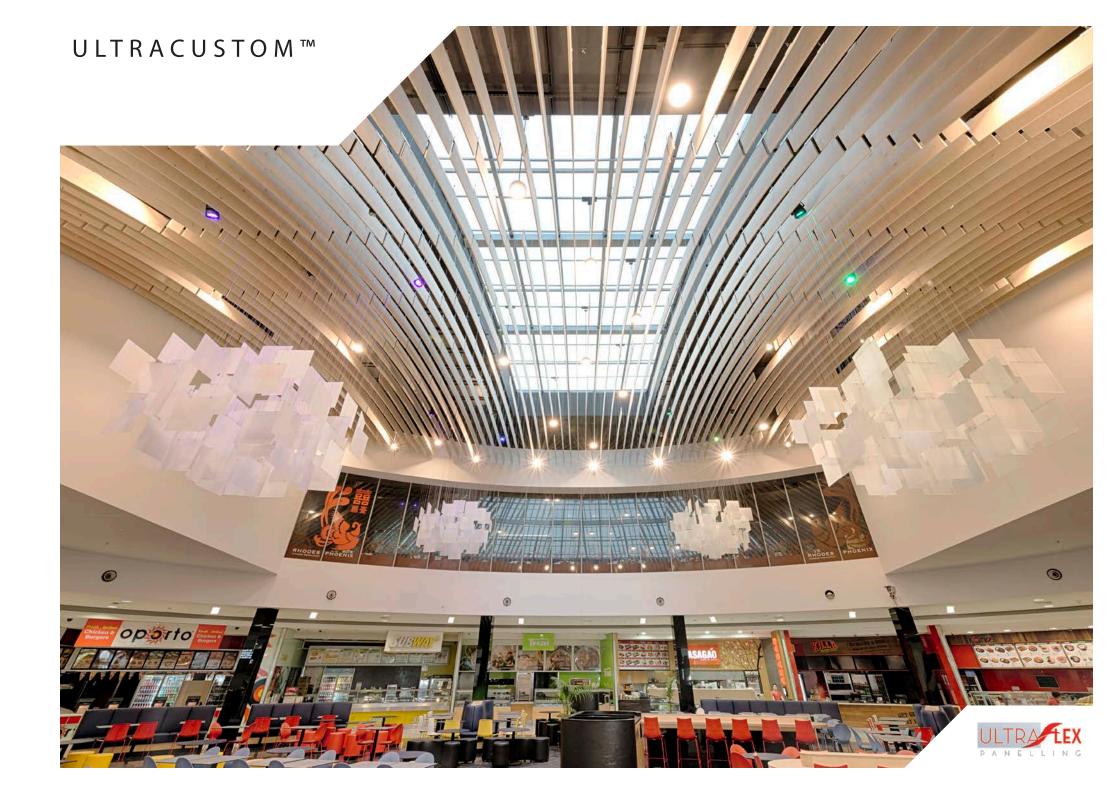
Fixing System

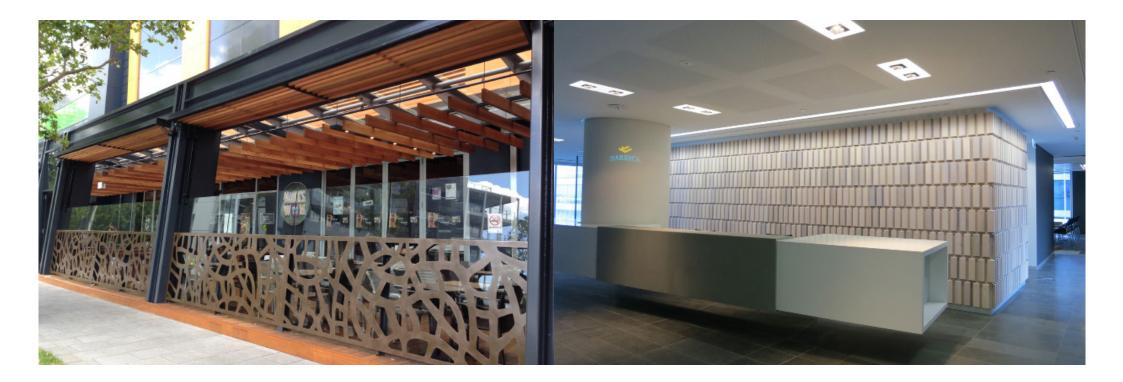
Options:

- Direct Fix panels supplied as cut to size flat sheets only for direct fixing on site
- ZZ Anglges panels supplied as cut to size and folded sheets with prefixed ZZ angles to suit installation onto Top Hat framing on site

Example Specification

 Custom aluminium panels to be proprietary item as supplied by Ultraflex Panelling[™], contact 02 9748 3344 – UltraFace[™] comprised of 4mm Vitracore G2 in Brushed Silver finish. Nominal panel size 2500 x 1250mm factory CNC cut and folded with pre-fixed ZZ angles for cassette system installation on site.





U L T R A C U S T O M ™

Features

UltraCustom[™] bespoke custom joinery allows your creative design ideas to come to life. With in-house 3D design drafting capability and 3D printing for prototyping and proof of concept design testing we are well equipped to assist with the most complex of projects.

Benefits of UltraCustom[™] include:

- Endless design possibilities with 3D design drafting assistance
- On-site 3D printer for proof of concept design testing prior to manufacture
- Provision of samples and prototypes for client approval of custom designs
- Exceptional noise reduction (nrc) acoustic performance possible with integration of our acoustic backing options

Nominal Panel Sizes

 Custom - to suit design requirements and room layouts

Substrate Materials

 Nominate from your preferred supplier

Perforation Patterns

Custom

Finishes

• Custom - to suit the bespoke design requirements

Acoustic Backing

- Factory applied Black Megasorber G8A Soundmesh Integrated Textile
- Factory applied Black Megasorber PN5 with G8A facing



ULTRAFLEX PANELLING™ CARE & MAINTENANCE

Introduction

Ultraflex Panelling[™] manufacture a range of internal and external architectural lining products including aluminium composites, laminated veneers and solid timbers.

Handling and Storage

As with all pre-finished surfaces, Ultraflex products must be handled with due care. Work areas must be clean and abrasive surfaces must be avoided to prevent scratching. Products should be carefully lifted and not dragged along other surfaces.

Ultraflex products should be stored indoors in an area protected from direct sunlight and free from moisture. Panels should be stored face to face with protective packing material between faces. Packs should be evenly supported and supports should be vertically aligned at 600mm max centres where multiple packs are stacked.

Replacement

For replacement of damaged panels or additional material requirements please contact the manufacturer.

Ultraflex Panelling 23-24 / 2 Slough Ave, Silverwater, NSW, 2128 Ph: (02) 9748 3344 Fax: (02) 9748 4344 E: admin@ultraflex.com.au W: ultraflex.com.au

Cleaning

Clear Coat / Painted and Pre-finished Surfaces - General regular cleaning is best carried out using a damp cloth or sponge with a mild non-abrasive household detergent, abrasive cleaning chemicals or strong solvents must not be used. Should any panels be mechanically damaged, please consult Ultraflex Panelling to discuss the best options for repair or replacement. Minor mechanical damage to painted surfaces can often be repaired by a reapplication of the topcoat colour to the damaged area using a small, fine haired brush.

External Oiled Timber - Timber is a natural material and as such variations in colour, grain, gloss level are to be expected and its longevity in external applications will also vary with site conditions as the timber weathers naturally to a grey colour. Our pre-finished timber products for external applications are supplied with 2 coats of penetrating oil which typically needs to be reapplied every 12-24 months depending on specific site installation conditions.

Fabric Surfaces - Care must be taken when cleaning upholstered products as the following instructions apply to the fabric only and the possible impact of cleaning on the underlying structure must be considered. Professional cleaning is recommended to treat stains as soon as possible. Gently wipe any soil or liquid from the surface of the fabric with a clean soft cloth. Do not scrub or use a brush of any type. Fabric may be cleaned using upholstery shampoo or spot cleaned using dry cleaning solvent. Do not use dishwashing or laundry detergents. Always test cleaning products on an inconspicuous area prior to commencing cleaning. Dry the cleaned surfaces away from direct heat and sunlight.