ULTRASLAT™

ULTRAFLEX PANELLING

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

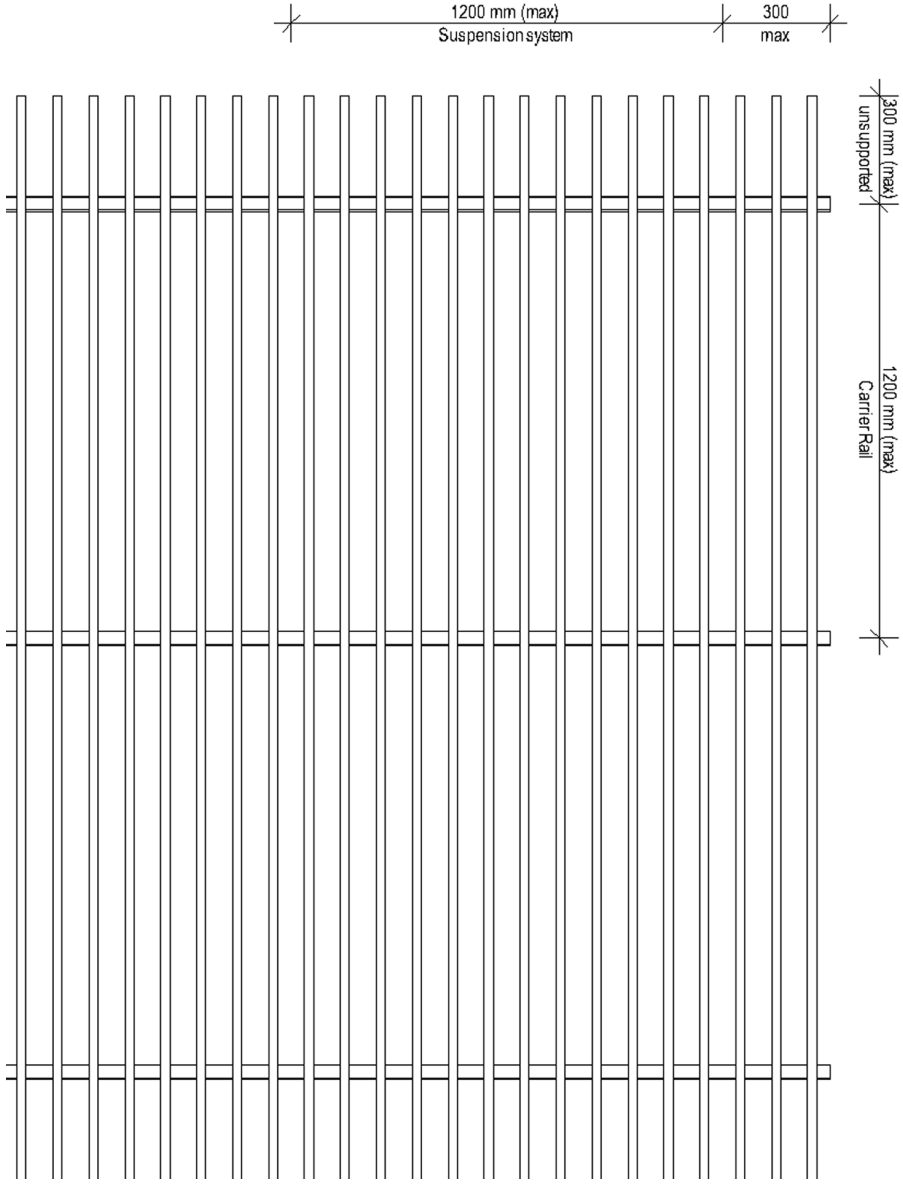
Finishes

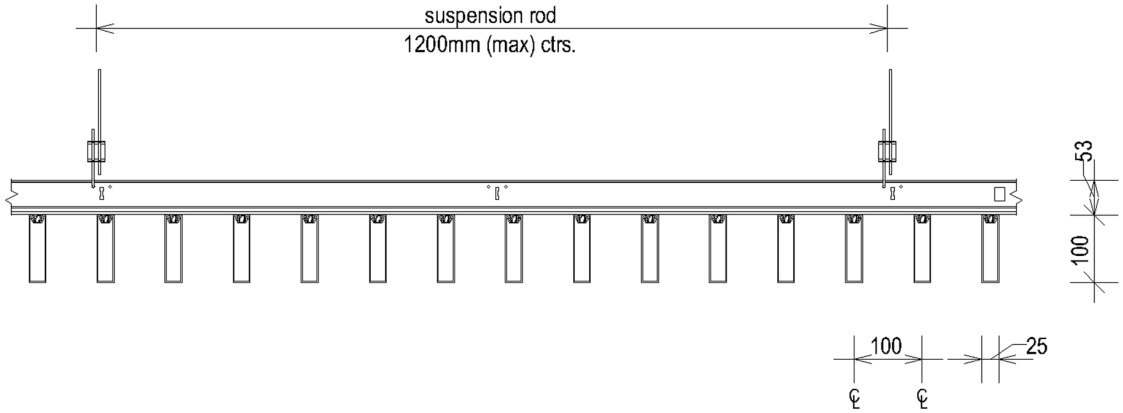
- Pre-finished laminate or timber veneer
- Solid Colour or Metallic powdercoat to RAL colour standard
- Woodgrain print powdercoat
- Colour coded end caps to match batten finish

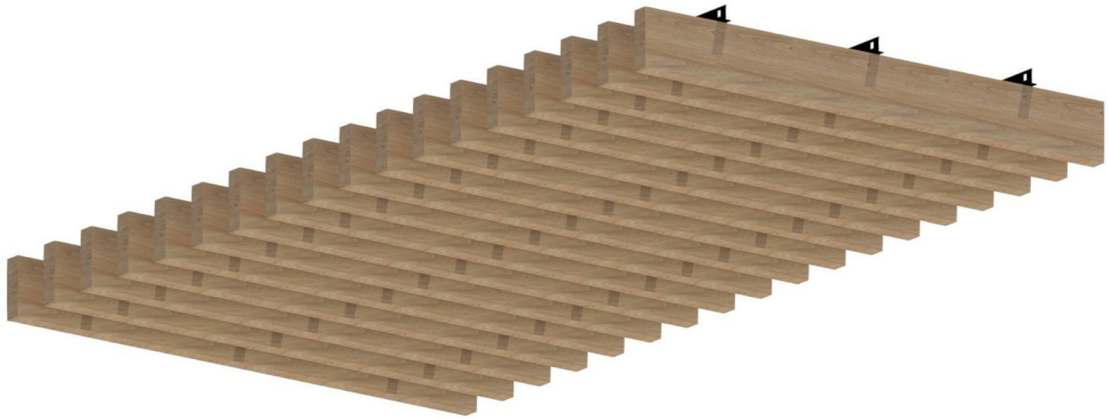
Acoustic Backing

- Loose supply Black Megasorber PN5 with G8A Soundmesh facing

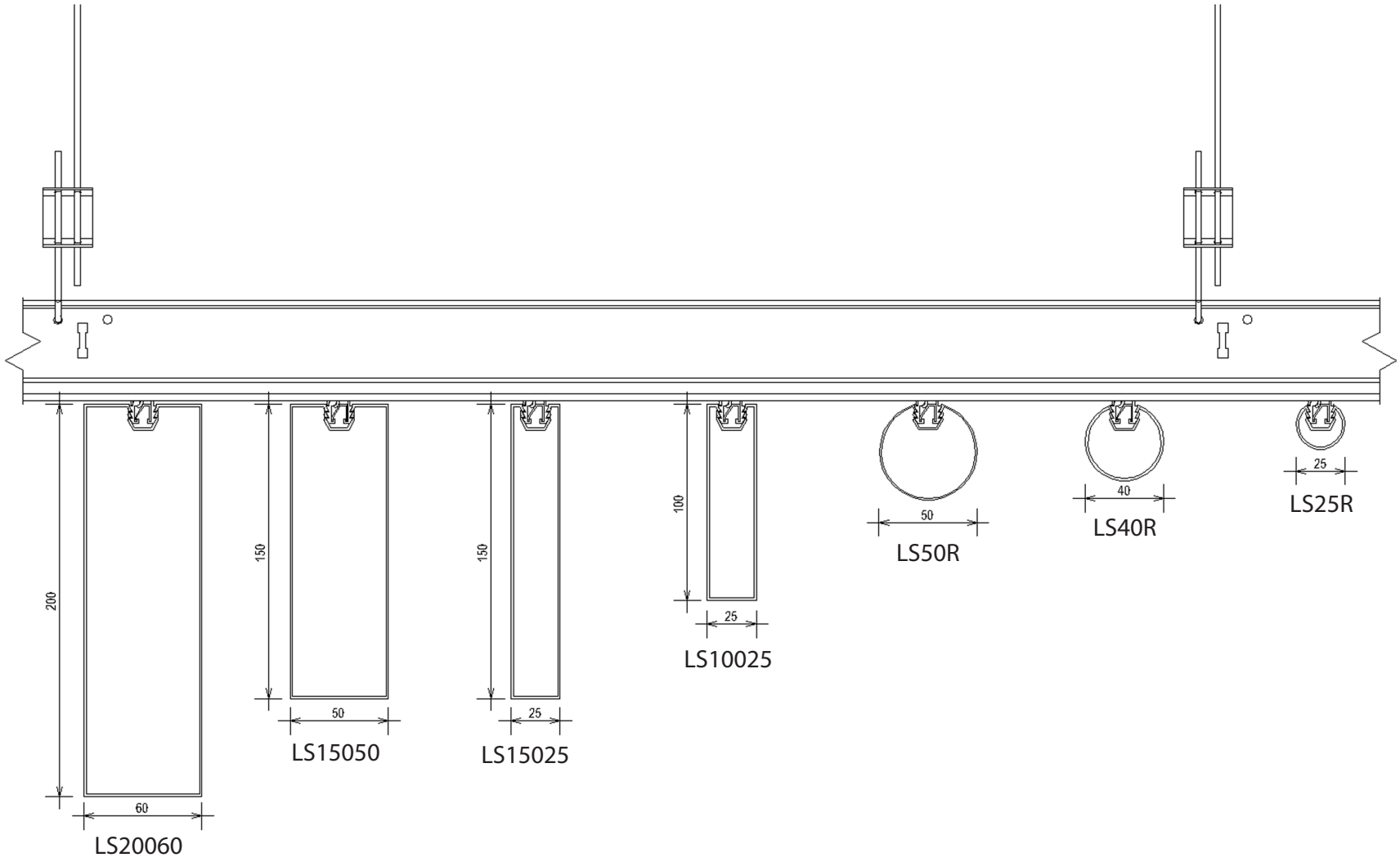
ULTRASLAT™
CLIP-IN



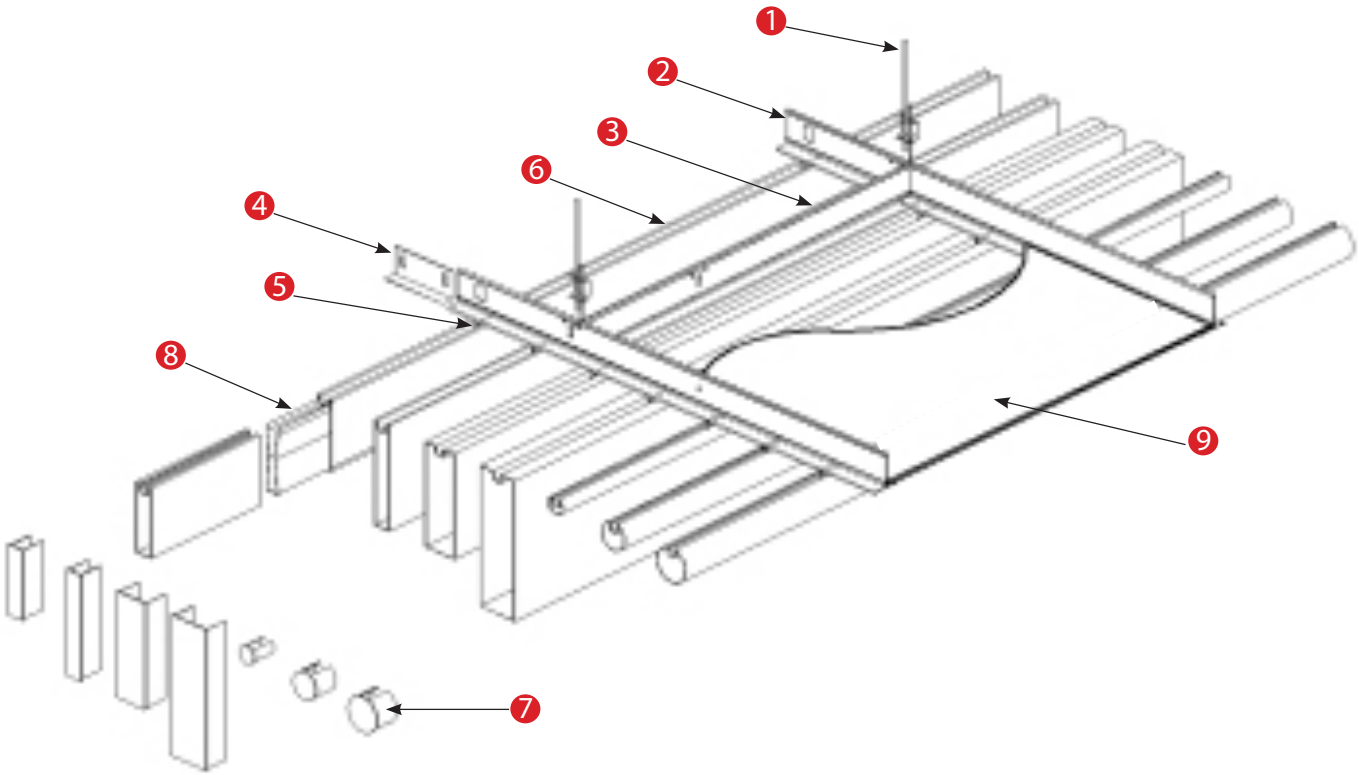




ULTRASLAT™
BATTEN PROFILES - CLIP-IN



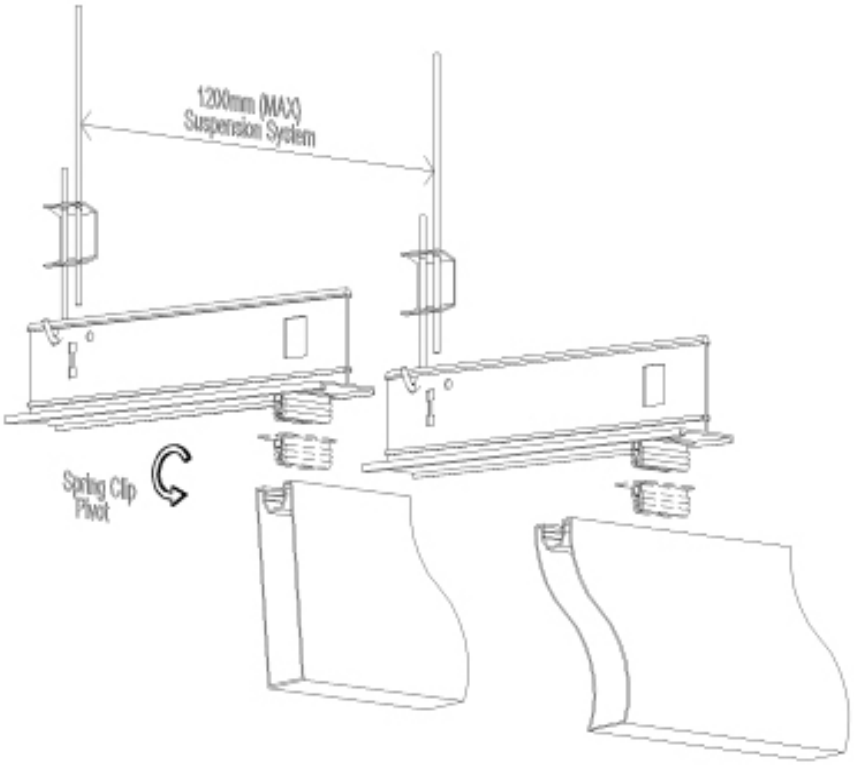
ULTRASLAT™
ASSEMBLY COMPONENTS - CLIP-IN

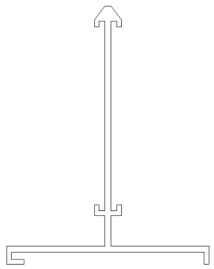


1. Suspension Hanger
2. Main Runner Carrier Rail
3. Main Runner Locking Spline
4. Main Runner Joiner
5. Baffle Spring Clip
6. Clip-in Baffle
7. Baffle End Cap
8. Baffle Joiner
9. Acoustic Pad (optional)

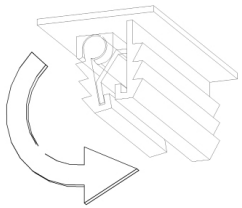
ULTRASLAT™
INSTALLATION GUIDE - CLIP-IN

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.





Return Leg



Spring Clip Pivot

ULTRASLAT™
FINISHES - CLIP-IN

PRE-FINISHED LAMINATE

AMERICAN OAK

AMERICAN WALNUT

BLACKBUTT

HOOP PINE

SPOTTED GUM

TASMANIAN OAK

WOODGRAIN WHITE

WOODGRAIN BLACK

NATURAL TIMBER VENEER

AMERICAN OAK

AMERICAN WALNUT

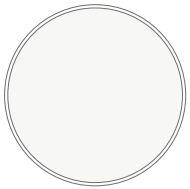
BLACKBUTT

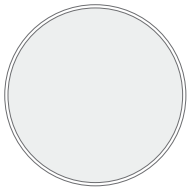
HOOP PINE

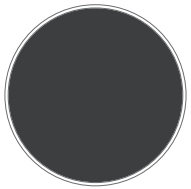
SPOTTED GUM

TASMANIAN OAK

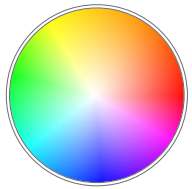
POWDERCOAT


RAL 9003 WHITE


RAL 9016 WHITE


RAL 9005 BLACK

CLEAR ANODIZED


CUSTOM COLOUR

CUSTOM WOODGRAIN

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

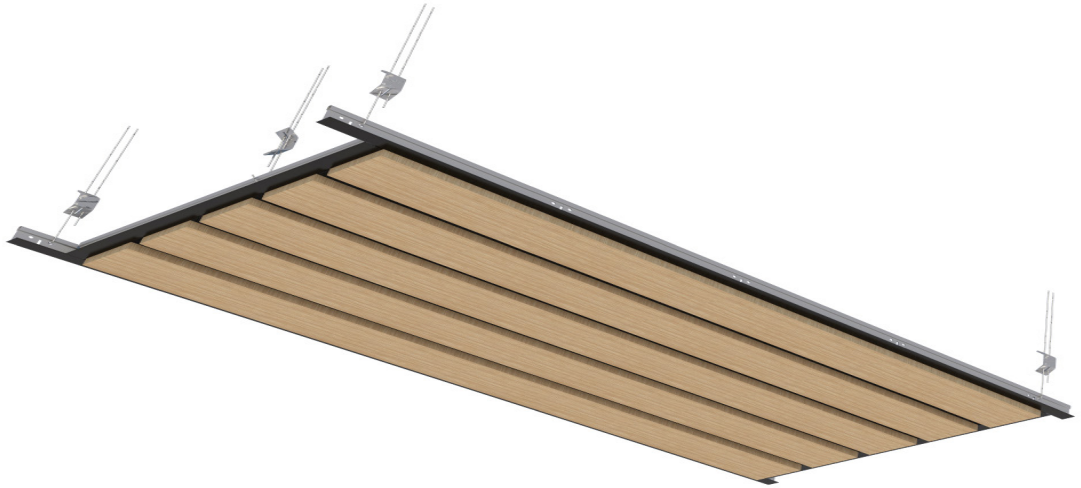
Batten Finishes

- 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

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

Batten Profiles

- LS3817-70
- LS9518-120
- LS3232-90
- LS1738-40
- LS1765-75

Substrate Materials

- Moisture Resistant MDF
- Fire Retardant MDF
- Solid Timber

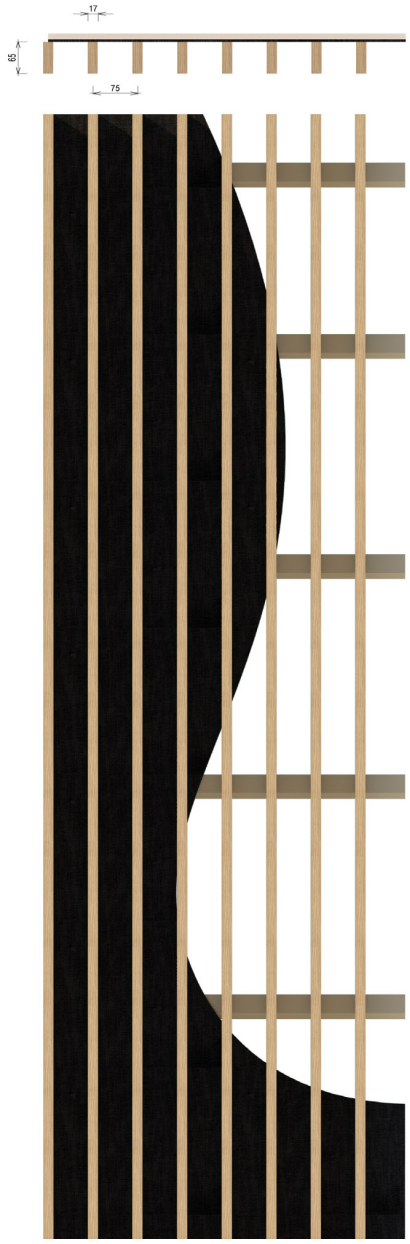
Batten Finishes

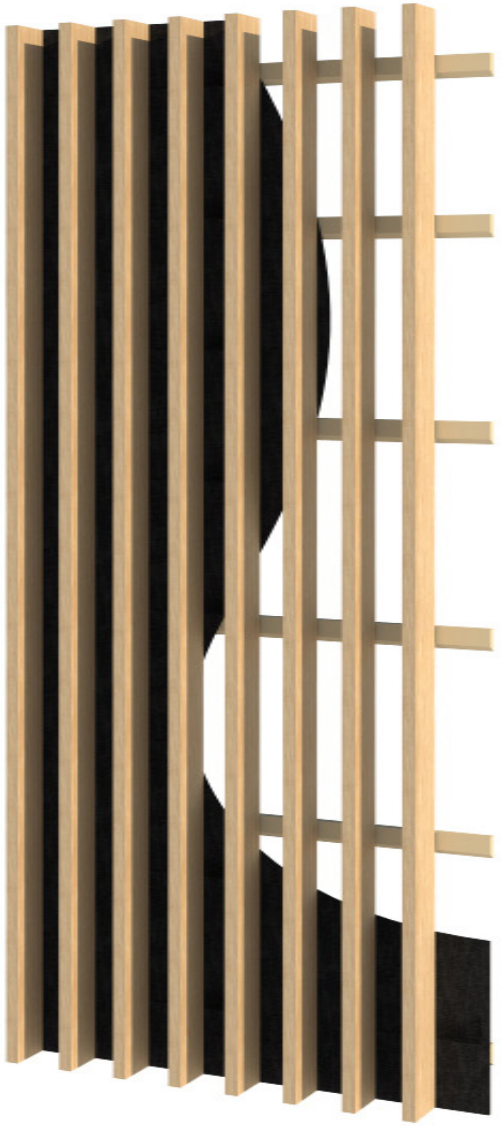
- Solid Colour or woodgrain Laminate
- Natural Timber Veneer with clear paint
- 2pac polyurethane paint

Acoustic Backing

- Factory applied Black Megasorber PN5 with G8A Soundmesh facing

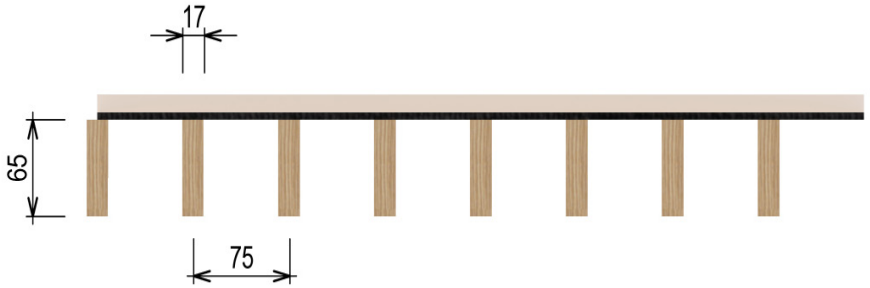
ULTRASLAT™
CONCEALED



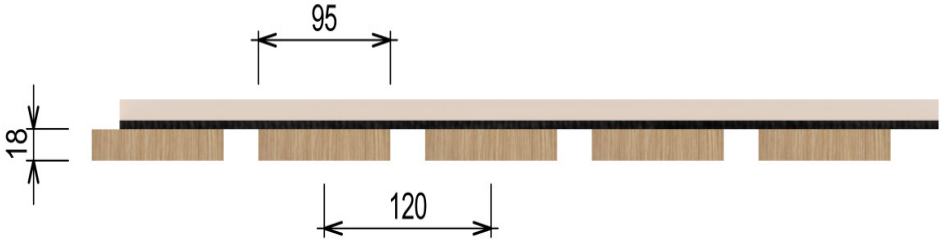


ULTRASLAT™
BATTEN PROFILES - DROP-IN / CONCEALED

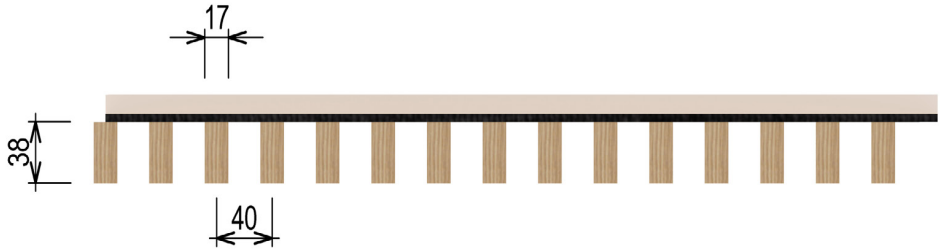
LS3817-70



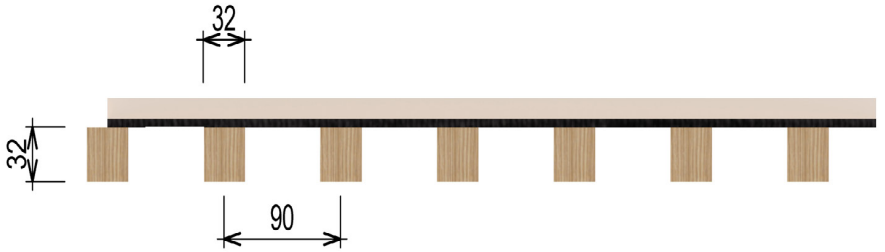
LS1765-75



LS9518-120



LS1738-40



LS3232-90

ULTRASLAT™

FINISHES - DROP-IN / CONCEALED

PRE-FINISHED LAMINATE

AMERICAN OAK

AMERICAN WALNUT

BLACKBUTT

HOOP PINE

SPOTTED GUM

TASMANIAN OAK

WOODGRAIN WHITE

WOODGRAIN BLACK

SOLID TIMBER

AMERICAN OAK

AMERICAN WALNUT

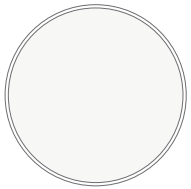
BLACKBUTT

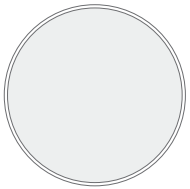
HOOP PINE

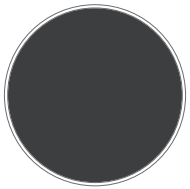
SPOTTED GUM

TASMANIAN OAK

2 PAC POLYURETHANE


DULUX VIVID WHITE SATIN

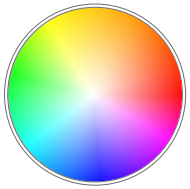

DULUX LEXICON SATIN


DULUX DOMINO SATIN

CLEAR SATIN
(FOR VENEERS)

CLEAR WATERBASED
(FOR VENEERS)

CLEAR WHITEWASH
(FOR VENEERS)


CUSTOM

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
- 3000 x 600 / 1200mm

Batten Profiles

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

Substrate Materials

- Leightweight honeycomb cardboard core with standard MDF skins

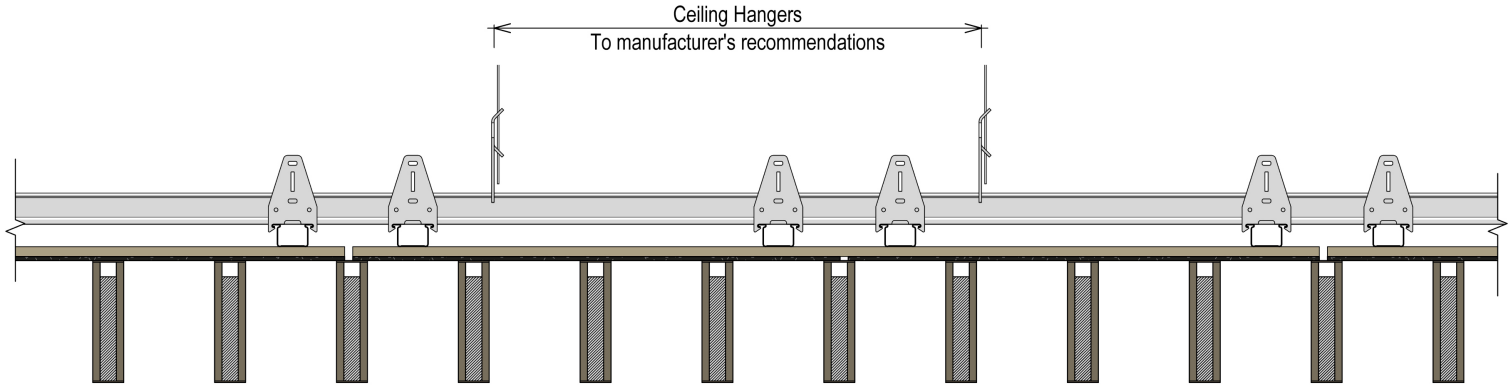
Batten Finishes

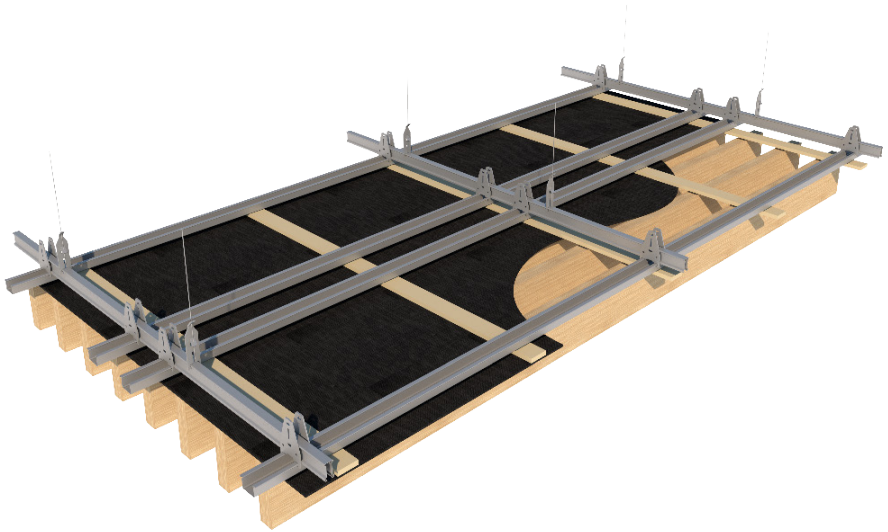
- Solid Colour or woodgrain Laminate
- Natural Timber Veneer with clear paint
- 2pac polyurethane paint

Acoustic Backing

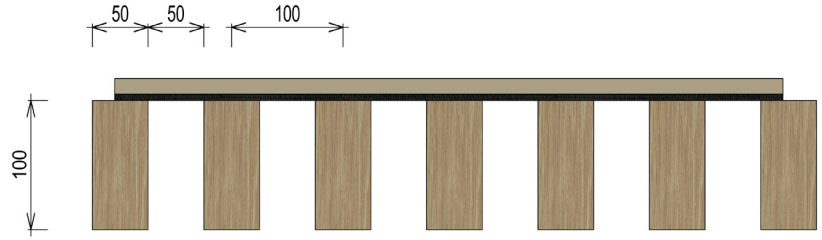
- Factory applied Black Megasorber PN5 with G8A Soundmesh facing

ULTRASLAT™
LIGHTWEIGHT

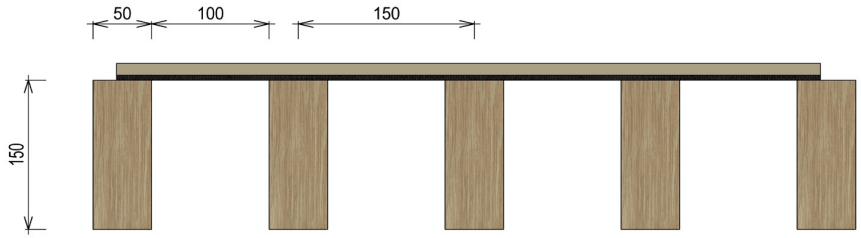




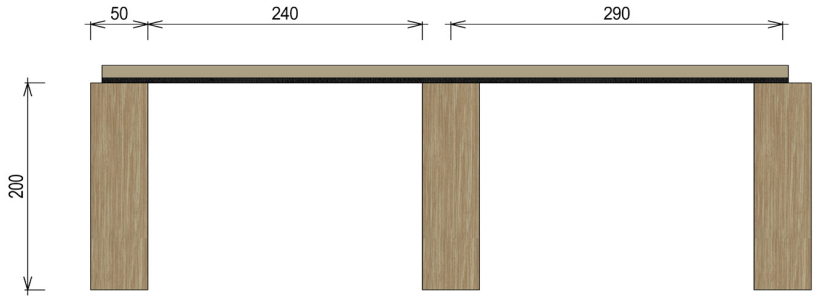
ULTRASLAT™
BATTEN PROFILES - LIGHTWEIGHT



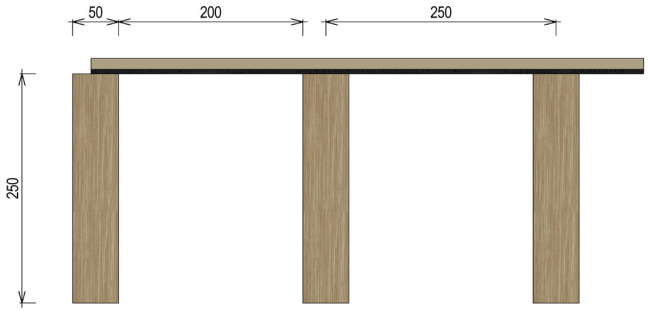
LS10050-100



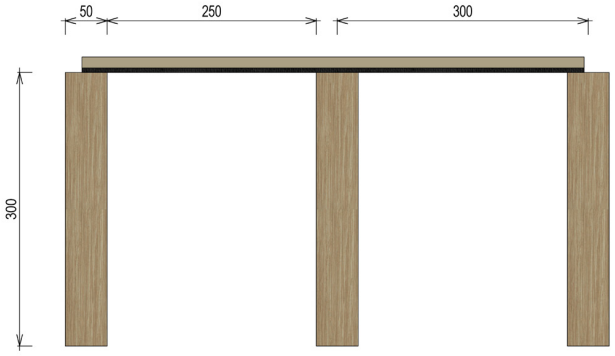
LS15050-150



LS20050-290



LS25050-250



LS30050-300

ULTRASLAT™
FINISHES - LIGHTWEIGHT

PRE-FINISHED LAMINATE

AMERICAN OAK

AMERICAN WALNUT

BLACKBUTT

HOOP PINE

SPOTTED GUM

TASMANIAN OAK

WOODGRAIN WHITE

WOODGRAIN BLACK

NATURAL TIMBER VENEER

AMERICAN OAK

AMERICAN WALNUT

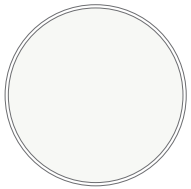
BLACKBUTT

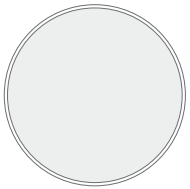
HOOP PINE

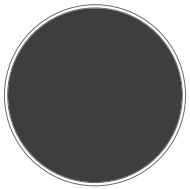
SPOTTED GUM

TASMANIAN OAK

2 PAC POLYURETHANE


DULUX VIVID WHITE SATIN

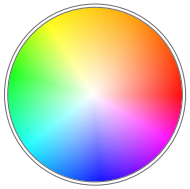

DULUX LEXICON SATIN

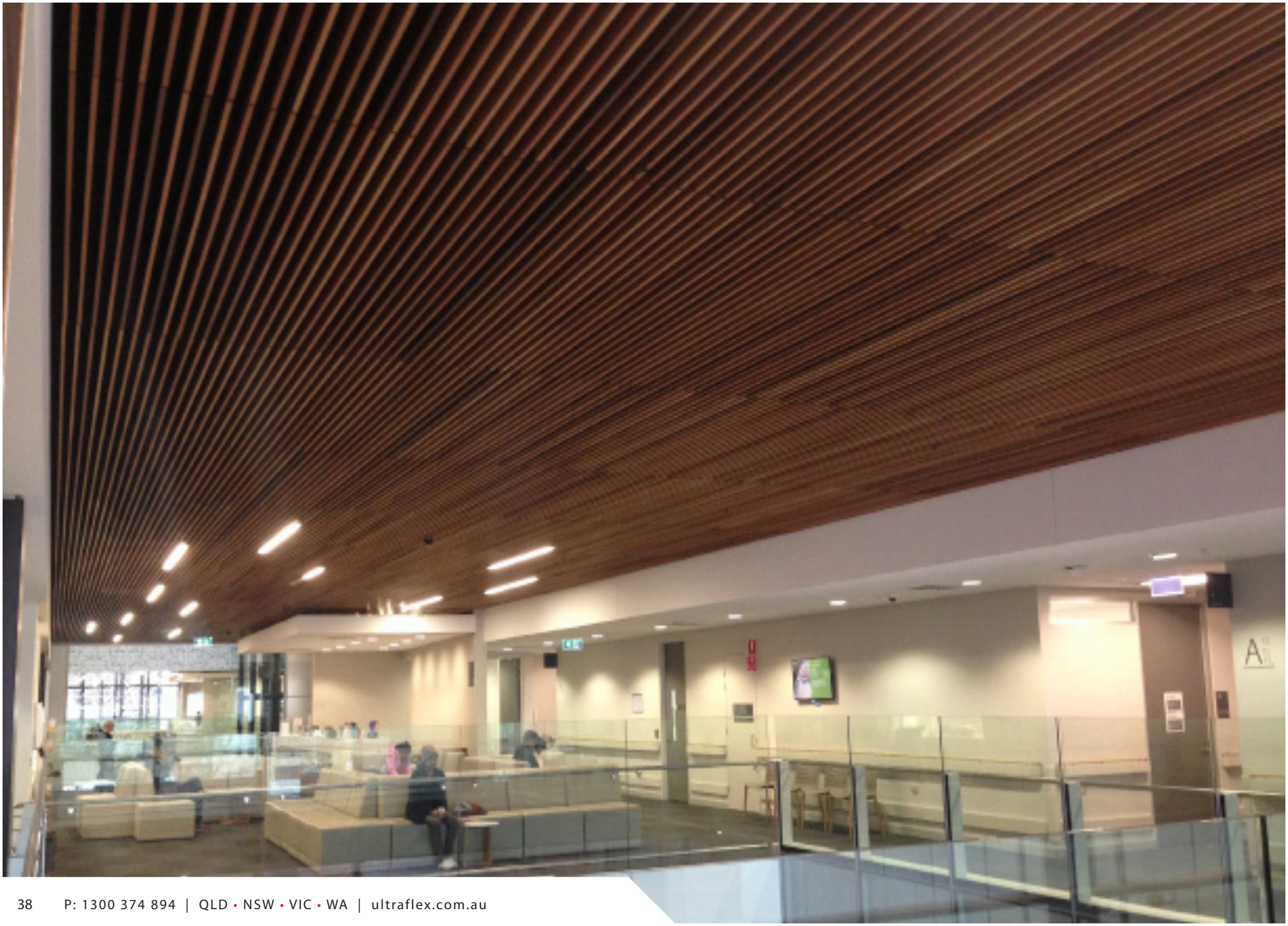

DULUX DOMINO SATIN

CLEAR SATIN
(FOR VENEERS)

CLEAR WATERBASED
(FOR VENEERS)

CLEAR WHITEWASH
(FOR VENEERS)


CUSTOM

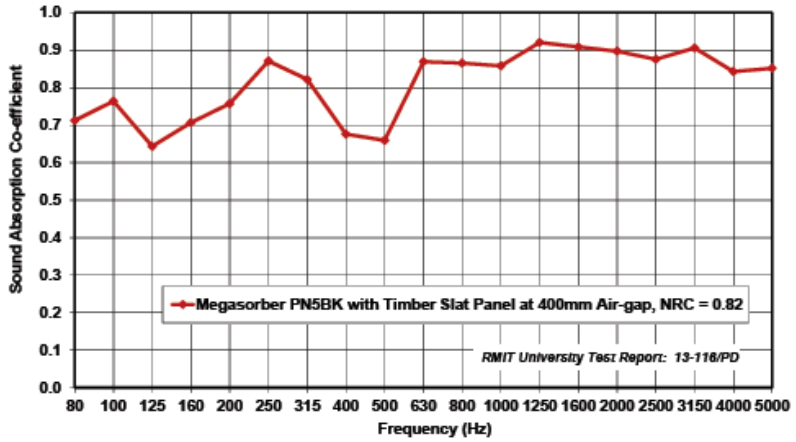


ULTRASLAT™
ACOUSTIC PERFORMANCE

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:

- Aluminium 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.