The accuracy of aluminium framework.

The precision of Stratlock®.

Panel mounting onto aluminium framework has never been faster or more flexible.
The all-new Stratlock system uses a two-stage clip mechanism to provide 4mm of panel adjustment in any direction before locking accurately into position. The result; flexible yet exact alignment with non-sequential panel removal and acoustic isolation.

Patented 360° adjust & lock positioning function.

STRATLOCK SL RANGE

The Stratlock Range is a heavy-duty panel mounting solution for mounting heavy interior panels onto aluminium or steel extrusion framework, designed specifically for the contract interior fitout industry. With no special installation tools required, the Stratlock Range is a hidden fixing that installs rapidly into the framework and panel, provides supported adjustment of the panel before locking into place, and boasts our highest shear strength and pull out load of 18kg. Typical applications include heavy wall and ceiling panels in the interiors of hotels, hospitals, retail and residential. Patent Pending.

SL-FA/SL-FA-FR STRATLOCK FEMALE SIDE MOUNT
Female side mount clip with twist lock installation into aluminium extrusion. Fits into extrusion channel with dimensions of mouth: 7.5mm - 8.5mm, depth: min. 7mm, wall thickness: 0.75mm - 1.2mm. New solid-style internal load chassis. 10kg pull out load with SL-M10, 18kg with SL-M18. No special tools required for installation. See pages 85, 91-92, 94-95 for more technical details.

SL-SFA/SL-SFA-FR STRATLOCK SIDE MOUNT FOR TIMBER FRAMEWORK
Female side mount clip with screw fit installation into timber framework. Recommended for use with timber, steel or aluminium substrates. New solid-style internal load chassis. 10kg pull out load with SL-M10, 18kg with SL-M18. No special tools required for installation. See pages 87, 91-92, 98 for more technical details.

SL-FB/SL-FB-FR STRATLOCK FEMALE FRONT MOUNT
Female front mount channel insert with push fit installation. Fits into 18mm standard galvanized steel rail framework with channel dimensions of mouth: 35.0mm - 35.75mm, depth: min 15.75mm - 16.5mm. New solid-style internal load chassis. 10kg pull out load with SL-M10, 18kg with SL-M18. No special tools or screws required for installation. See pages 86, 91-92, 96 for more technical details.

SL-FC/SL-FC-FR STRATLOCK FEMALE FLUSH MOUNT
Female flush mount clip with screw fit installation. Fits into ø40mm hole, and screw fixes with 3 x #5 screws. No special tools required for installation.
See pages 88, 91-92, 99-100 for more technical details.

SL-SMT1 STRATLOCK FEMALE SIDE MOUNT   ! NEW
Enabling clip for use with the PanelSafe Range and for suspended ceiling structures. Clips directly into existing SL-RLE rail and works in conjunction with the Stratlock range. Has a 25kg drop load in conjunction with PanelSafe, and a 50kg static load in suspended ceiling mode. No special tools required for installation. See pages 90, 101-102 for more technical details.

SL-M10 STRATLOCK MALE 10KG
Male clip with two-stage engagement for adjustable panel positioning and locking. Fixes to panel with either 1 x #8 screw or 3 x #8 screws; or adhesive fix with a 2 part epoxy. Mounts into SL-FA, SL-SFA, SL-FB and SL-FC. 10kg pull out load. No special tools required for installation. See pages 91, 94-100 for more technical details.

SL-M18/SL-M18-FR STRATLOCK MALE 18KG
Male clip with two-stage engagement for adjustable panel positioning and locking. Fixes to panel with #8 screw, or surface mount with a 2 part epoxy. Mounts into SL-FA, SL-SFA, SL-FB and SL-FC. 18kg pull out load. No special tools required for installation.
See pages 92, 94-100 for more technical details.

TOOLS

**CP-01ST**

STRATLOCK RAIL SYSTEM
OVERVIEW

FAST AND TRUE FRAMING SYSTEM

The Stratlock® Rail System offers a truly flexible extrusion system designed for efficient and accurate framework construction, with one extrusion for both vertical and horizontal framing onto walls and ceilings. The SL-RLE is a modern, modular aluminium profile for support of decorative panels in medium stress applications.

SL-RLE

Aluminium extrusion for horizontal and vertical framing
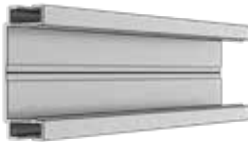
FLEXIBLE CONNECTOR SYSTEM

Three connection options to suit a variety of structure types.

SL-RCF90

Fixed 90° connector into SL-RLE for walls.

SL-RCA180

For use with SL-RCF90 for wall to ceiling corner connector with 180º adjustability.

SL-RCAB180

For use with SL-RCF90 for wall to wall corner connector with 180º adjustability.

PANEL MOUNTING WITH THE STRATLOCK RANGE

APPLY PANELS

Align male clips with female clips, and press to first click.

ADJUST SPACING

While the panel is supported at the first click, it can be adjusted 4mm in any direction.

LOCK PANELS

Once the final position is located, firmly press the panel to lock into position.

BENEFITS

- Low assembly costs
- One profile for all orientations streamlines the construction process
- Non-mechanical machining saves time
- Allows flexibility in grid design according to specific needs
- Simple assembly
- Compatible with Stratlock Range clips for accurate panel mounting

APPLICATIONS

- Mounting large wall and ceiling panels
- Hotels, hospitals, civic buildings
- Contract interiors
- Prefabricated interiors

Reframe how you think about framework.

· **SL-RCF90**

· **SL-RLE**

· **SL-RLE**

Creating and decorating aluminium framework has never been faster or more flexible. With only one profile required and adaptable connectors, the Stratlock Rail System is a foolproof way to create a consistent substrate for the perfect panel finish.

Framing connected
with SL-RCF90

Wall framework solution:
SL-RLE - horizontal + vertical extrusion
SL-RCF90 - perpendicular connector

STRATLOCK SL-R
RAIL EXTRUSION

The Stratlock® Rail Extrusion is a unique framework system that allows an efficient method of framing up a wall grid to support decorative panels in low stress applications.

The Stratlock SL-RLE is a unique extrusion that can be used for both horizontal and vertical framing, removing the need for orientation-specific extrusions.

See the Stratlock Technical Guide for more technical details.

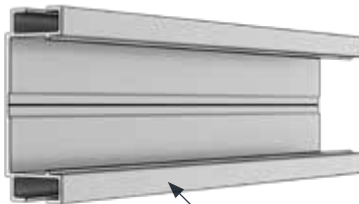**SL-RLE** STRATLOCK RAIL EXTRUSION

Available in 3m lengths, can be cut and assembled in grid format using appropriate Stratlock connectors. One profile for horizontal and vertical framing. Aluminium grade 6063 T5.

Weight per metre 405 grams.
Overall width 58mm, overall depth 22.3mm

STRATLOCK® RAIL EXTRUSION TERMINOLOGY

Profile end - cut end of the extrusion

Channel - wide mouth on front face of profile

Groove - thin channel on side of profile

SEE OUR STRATLOCK TECHNICAL GUIDE

From how to create a wall, to a corner, to a ceiling connection, our installation guides take you through how to construct a wall and attach decorative panels in detail.

Easy assembly.

FIXED 90° CONNECTION FOR WALLS AND CEILINGS

| SL-RLE | + | SL-RCF90 | + | SL-RLE |

WALL TO CEILING CONNECTIONS

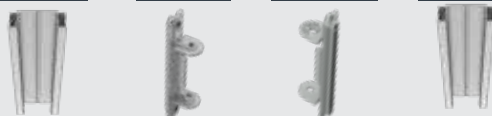Corner connector with 180° adjustability for perpendicular rails.

| SL-RLE | + | SL-RCF90 | + | SL-RCA180 | + | SL-RLE |

WALL-TO-WALL CORNER CONNECTIONS

Corner connector with 180° adjustability for parallel rails.

| SL-RLE | + | SL-RCF90 | + | SL-RCAB180 | + | SL-RLE |

STRATLOCK SL-R
RAIL CONNECTORS

Stratlock® Rail Connectors make wall and ceiling grid assembly efficient and foolproof.

The Stratlock Rail Connector Range offers connectors that enable a variety of functions, including creating a wall, creating a wall to wall corner, or creating a wall to ceiling corner with 180 degree adjustability.

See the Stratlock Technical Guide for more technical details.

SL-RCF90 WALL CONNECTOR

Creates a 90 degree fixed joint between the SL-RLE groove and profile end when building a wall, combines with SL-RCA180 for wall to ceiling connection or SL-RCAB180 for wall to wall corner connection. Diecast aluminium alloy ADC12. Installs with provided small hex head grub screw (stainless steel).

SL-RCA180 WALL TO CEILING CONNECTOR

Pairs with SL-RCF90 to create wall to ceiling connection with 180° adjustability. Fits into SL-RLE profile end with supplied SS grub screws, and connects with SL-RCF90 with supplied socket screws. Die cast aluminium alloy ADC12.

SL-RCAB180 WALL TO WALL CONNECTOR
Pairs with SL-RCF90 to create a wall to wall corner connection with 180° adjustability. Fits into SL-RLE profile groove with supplied SS grub screws, and connects with SL-RCF90 with supplied socket screws. Die cast aluminium alloy ADC12.

SEE OUR STRATLOCK TECHNICAL GUIDE

From how to create a wall, to a corner, to a ceiling connection, our installation guides take you through how to construct a wall and attach decorative panels in detail.

STRATLOCK SL RANGE
SL-FA & SL-FA-FR PRODUCT GUIDE

SL-FA Stratlock® Female Side Mount Clip
SL-FA-FR Stratlock® Female Side Mount Clip - Fire-rated

The SL-FA provides rapid installation of heavy panels into side-channel aluminium extrusion framework. Designed specifically for contract interior fitout applications, the SL-FA / SL-FA-FR is also suitable for superyacht deckhead panels. Female installs rapidly with a twist-lock function into the side channel, and can be screwed or riveted into its final position. Used with the SL-M10/SL-M18 /SL-M18-FR, the new solid internal load chassis creates 4mm supported movement of the panel in any direction at the first engagement before locking into place with a 10/18kg pull out load. Patent Pending.

Designed for the new Stratlock Rail System by Fastmount, or fits into groove dimensions: mouth: 7.5mm - 8.5mm, depth: min 7mm, wall thickness: 0.75mm - 1.2mm. The distance between the panel and substrate when installed is 12.5mm at the first click, and 6mm when pressed into final position.
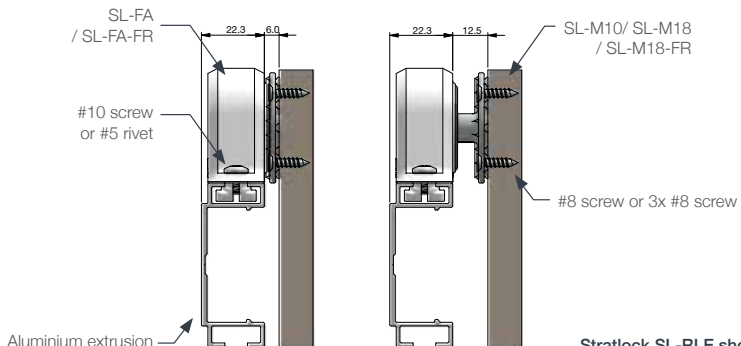
BENEFITS
- Strongest mounting available
- T-lock function for rapid installation into channel with screw or pop rivet
- Supported movement of the panel 4mm in any direction before locking into final position.
- No special tools required for installation
- Acoustic isolation between panel and frame
- Designed for aluminium extrusion
- Option of 10kg or 18kg pull out load with SL-M10 or SL-M18
- 6mm standoff between frame and panel
- Adjustability along channel for easy spacing - no drilling required
- SL-FA-FR available in V-0 rated FR Nylon

APPLICATIONS
- Commercial interior fit out
- Architectural and marine applications
- Mounting heavier ceiling and wall panels
- Hotels, hospitals, retail
- Residential fitout
- Superyacht deckhead panels
- Fire-rated interiors

SL-FA	SL-FA-FR

USE WITH:
SL-M10, SL-M18, SL-M18-FR

MATERIAL:
White Acetal copolymer/Rubber ring
Off white FR Nylon/Rubber ring

MORE INFO:
Installation Guide SL-FA
Clip Layout Guide TD-15, 17
Panel Offset Guide

INSTALLATION: Partially exploded through section showing typical installation method

SL-FA / SL-FA-FR

22.3   6.0

22.3   12.5

SL-M10/ SL-M18 / SL-M18-FR

#10 screw or #5 rivet

#8 screw or 3x #8 screw

Aluminium extrusion

**Stratlock SL-RLE shown.**

STRATLOCK SL RANGE
SL-FB & SL-FB-FR PRODUCT GUIDE

SL-FB Stratlock® Female Front Mount
SL-FB-FR Stratlock® Female Front Mount - Fire-rated

The SL-FB provides rapid installation of heavy panels into 18mm standard galvanized steel rail framework. Designed specifically for contract interior fit out applications. Female installs rapidly with a push fit function into the steel channel, and does not require fastenings. Used with the SL-M10/SL-M18 / SL-M18-FR, the new solid internal load chassis creates 4mm supported movement of the panel in any direction at the first engagement before locking into place with an 10/18kg pull out load. Patent Pending.

Designed for the new Stratlock Rail System by Fastmount, or fits into channel dimensions: mouth: 35.0mm - 35.75mm, depth: min 15.75mm - 16.5mm, wall thickness: N/A. The distance between the panel and substrate when installed is 12.5mm at the first click, and 6mm when pressed into final position.

SL-FB

SL-FB-FR
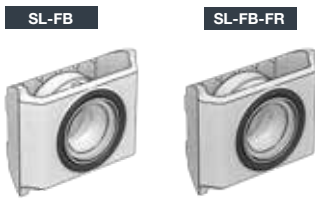
USE WITH:
SL-M10, SL-M18, SL-M18-FR

MATERIAL:
White Acetal copolymer/Rubber ring
Off white Duranex

MORE INFO:
Installation Guide SL-FB
Clip Layout Guide TD-16, 18
Panel Offset Guide

BENEFITS
- Strongest mounting available
- Supported movement of the panel 4mm in any direction before locking into final position.
- Push fit into rail face
- No special tools required
- Acoustic isolation between panel and frame
- Fits into front channel steel extrusion
- Option of 10kg or 18kg pull out load with SL-M10 or SL-M18
- Adjustability along channel for easy spacing - no drilling required
- SL-FB-FR available in V-0 rated FR PBT

APPLICATIONS
- Commercial interior fit out
- Mounting heavier ceiling and wall panels
- Architectural applications
- Hotels, hospitals, retail, residential
- Fire-rated wall panels

INSTALLATION: Partially exploded through section showing typical installation method

SL-M10 / SL-M18 / SL-M18-FR

SL-FB/ SL-FB-FR

Aluminium extrusion

22.3   12.5

#8 screw or 3x #8 screw

Steel framework

Panel
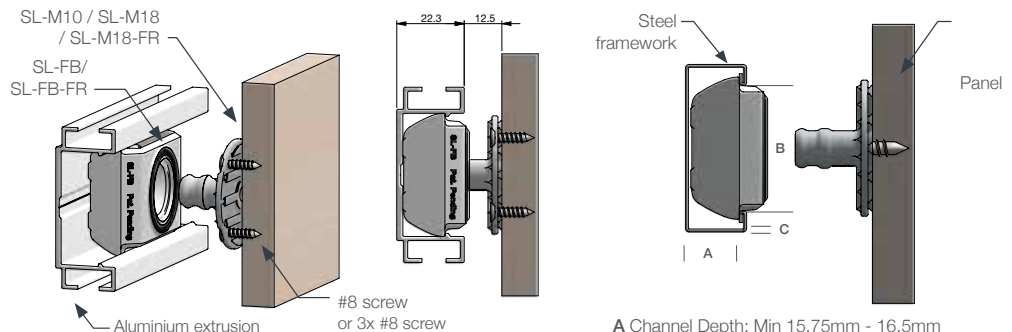
A Channel Depth: Min 15.75mm - 16.5mm
B Channel Mouth: 35.0mm - 35.75mm
C (Channel Wall Thickness: Wall thickness does not effect clip)

Stratlock SL-RLE shown.

STRATLOCK SL RANGE
SL-SFA & SL-SFA-FR PRODUCT GUIDE

SL-SFA Stratlock® Female Side Mount – For Timber
SL-SFA-FR Stratlock® Female Side Mount - Fire-rated

The SL-SFA provides rapid installation of heavy panels to timber, steel or aluminium framework. Designed specifically for contract interior fitout applications to reduce onsite installation time. Female installs onto side of framework with 2 x #8 panhead screws (20mm) in timber frames, and #8 tek screws (20mm) into steel or aluminium framework. Used with the SL-M10/SL-M18 / SL-M18-FR the new solid internal load chassis creates 4mm supported movement of the panel in any direction at the first engagement before locking into place with an 10/18kg pull out load. The distance between the panel and substrate when installed is 12.5mm at the first click, and 6mm when pressed into final position. Patent Pending.

BENEFITS

- Strongest mounting available
- Side mount with rapid screw fixing
- Supported movement of the panel 4mm in any direction before locking into final position.
- No special tools required for installation
- Acoustic isolation between panel and frame
- Option of 10kg or 18kg pull out load with SL-M10 or SL-M18
- 6mm clearance between panel and frame
- SL-SFA-FR available in V-0 rated FR nylon

APPLICATIONS

- Commercial interior fitout
- Residential interior fitout
- Architectural applications
- Mounting heavy wall panels
- Fire-rated interior panels

SL-SFA	SL-SFA-FR

USE WITH:
SL-M10, SL-M18, SL-M18-FR

MATERIAL:
White Acetal copolymer/Rubber ring
Off white FR Nylon/Rubber ring

MORE INFO:
Installation Guide SL-SFA
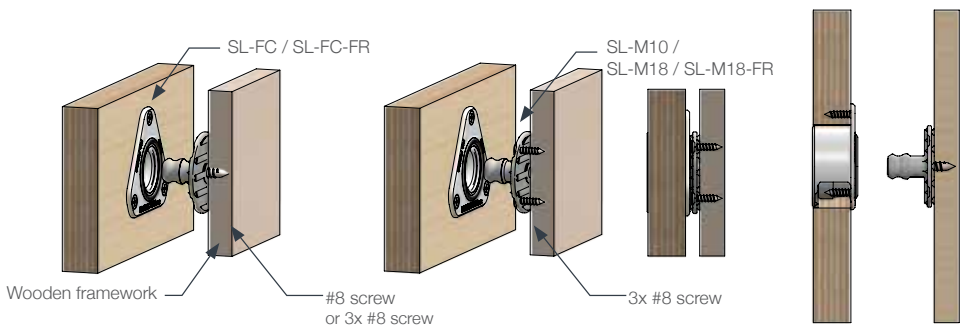Clip Layout Guide TD-15, 17
Panel Offset Guide

INSTALLATION: Partially exploded through section showing typical installation method

SL-SFA / SL-SFA-FR

SL-M10 / SL-M18 / SL-M18-FR

#8 panhead 20mm screw

Timber / other framework

#8 screw or 3x #8 screw
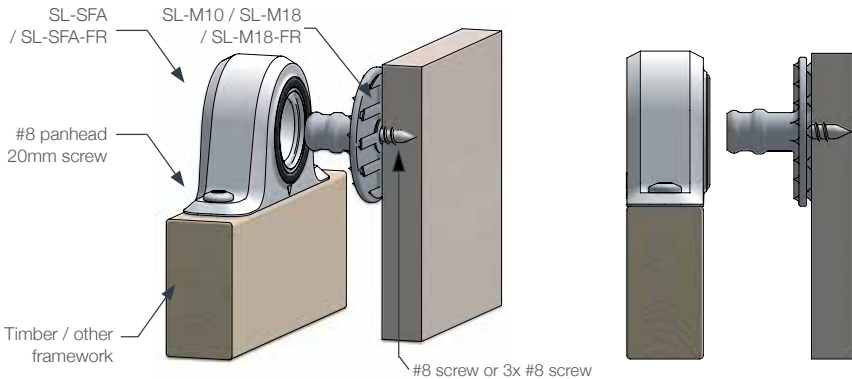
STRATLOCK SL RANGE
SL-FC & SL-FC-FR PRODUCT GUIDE

SL-FC Stratlock® Female Flush Mount
SL-FC-FR Stratlock® Female Flush Mount - Fire-rated

The SL-FC / SL-FC-FR provides rapid installation of heavy panels to solid substrates. Designed specifically for contract interior fitout applications to reduce onsite installation time. The SL-FC is ideal for applications where framework or grid structure is not available (e.g. sheet metal, aluminium, fibreglass, MDF or plywood). SL-FC fits into a pre-drilled ø40mm hole, and screw fixes with 3 x #5 screws. The Patent Pending internal load chassis of the female clip creates 4mm supported movement of the panel in any direction before locking into place with a 10 or 18kg pull out load, depending on the male clip used (SL-M10 or SL-M18). Distance between panel and substrate when installed is 13.5mm at first click, and 7mm when pressed into final position. Patent Pending. Refer to Panel Offset Guide for gap between substrate and panel, pull out and shear loads.

BENEFITS
• Strongest available fixing from Fastmount
• Flush fit for solid substrates
• Supported movement of the panel 4mm in any direction before locking into final position
• No special tools required for installation
• Acoustic isolation between panel and frame
• Option of 10kg or 18kg pull out load with SL-M10 or SL-M18
• 7mm clearance between panel and frame

APPLICATIONS
• Commercial interior fitout
• Residential interior fitout
• Architectural applications
• Mounting heavy wall panels
• Aluminium, sheet steel, fibreglass, plywood or MDF substrates

SL-FC

SL-FC-FR

USE WITH:
SL-M10, SL-M18, SL-M18-FR

MATERIAL:
White Acetal copolymer/Rubber ring
Off white Duranex/Rubber ring

MORE INFO:
Installation Guide SL-FC
Clip Layout Guide TD-19, 20
Panel Offset Guide

INSTALLATION: Partially exploded through section showing typical installation method

SL-FC / SL-FC-FR

SL-M10 /
SL-M18 / SL-M18-FR

Wooden framework

#8 screw
or 3x #8 screw

3x #8 screw

The all new SL-SMT1
and PanelSafe making
suspended ceiling
panels an Easyfit.

STRATLOCK SL RANGE
SL-SMT1 PRODUCT GUIDE

SL-SMT1 Stratlock® Sidemount

The SL-SMT1 makes the Fastmount PanelSafe Easyfit or suspended ceiling rods compatible with the Stratlock Rail System. Easily positionable to locate around ceiling panel design, the SL-SMT1 allows installers to install PanelSafe Easyfits onto ceiling structures for the safe support of ceiling panels. M10 ceiling rods can also be threaded through the SL-SMT1 to suspend an entire Stratlock Rail System grid as a suspended ceiling. The SL-SMT1 has a push fit installation, fixes into position with screws, and can be used with other extrusions. The SL-SMT1 has a static load capacity of 50kg when used to suspend a ceiling, and 25kg shock load when used with the PanelSafe.

SL-SMT1

NEW !

MATERIAL:
White GF Nylon

USE WITH:

Stratlock Rail System

PS-150E
PS-S150E

or

M10 THREADED
ROD HANGER

MORE INFO:
Installation Guide SL-SMT1
Clip Layout Guide TD-21
Refer to online Technical Guide

BENEFITS

• Enables compatibility with Fastmount PanelSafe Easyfit products
• Simple installation
• No special tools required for installation
• Enables Stratlock Rail System to be suspended from ceiling as a grid using M10 ceiling hanger

APPLICATIONS

• Commercial interior fit out
• Mounting heavier ceiling and wall panels
• Hotels, hospitals, retail, residential
• Superyacht deckheads
• Fire-rated interiors

INSTALLATION: Partially exploded through section showing typical installation method

PS-S150E
SL-SMT1
SL-RLE
#8 Screw

M10 threaded rod hanger
SL-SMT1
SL-RLE
#8 Screw
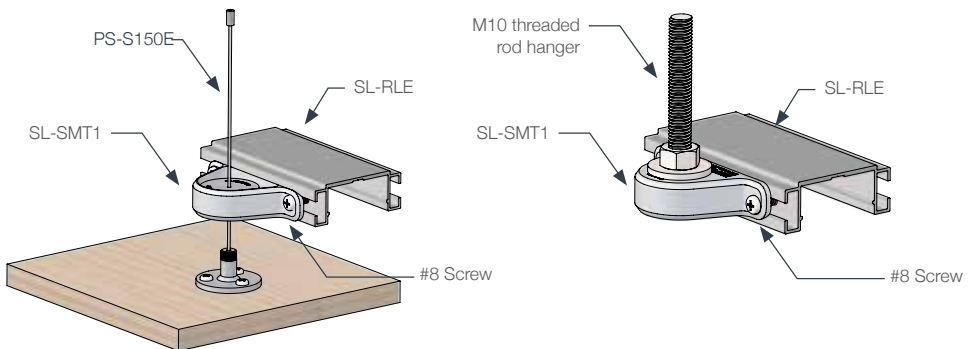
Stratlock SL-RLE shown.

SL-M10 Stratlock® Male 10kg

The male SL-M10 attaches to the panel, and mounts into either SL-FA , SL-SFA, SL-FB or SL-FC for rapid mounting of heavy panels to aluminium or steel extrusion framework, or solid substrates. The SL-M10 has a lower pull out load of 10kg for more frequently removed panels still requiring strength and high shear loading. Featuring a unique two-stage engagement head, the SL-M10 engages into the new solid internal load chassis to give 4mm supported movement in any direction before locking into place. Option to fix into panel using 1 x #8 screw, 3 x #8 screws or adhesive fix with a 2 part epoxy. No special tools required for installation. Patent Pending.
Refer to Panel Offset Guide for gap between substrate and panel, pull out and shear loads.

SL-M10   10kg

MATERIAL:
White Nylon

USE WITH:
SL-FA
SL-SFA
SL-FB
SL-FC
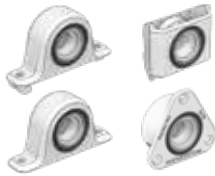
MORE INFO:
Installation Guide SL-FA, SL-SFA, SL-FB, SL-FC
Clip Layout Guide TD-15
Panel Offset Guide

BENEFITS

- 10kg pull out load
- Supported movement of the panel 4mm in any direction before locking into final position.
- Option to screw fix with 1 x #8, or 3 x #8 screws
- Option to adhesive fix with a 2 part epoxy adhesive
- No special tools required for install
- Acoustic isolation between panel and frame
- Fits into SL-FA, SL-SFA, SL-FB or SL-FC

APPLICATIONS

- Commercial interior fit out
- Mounting ceiling and wall panels
- Hotels, hospitals, retail, residential
- Superyacht deckheads

INSTALLATION: Partially exploded through section showing typical installation method

SL-FA/
SL-SFA-FR

SL-M10

22.3   12.5

Stratlock SL-RLE shown.

#8 screw
or 3x #8 screw

Aluminium extrusion

Substrate

SL-FC

Panel

SL-M10
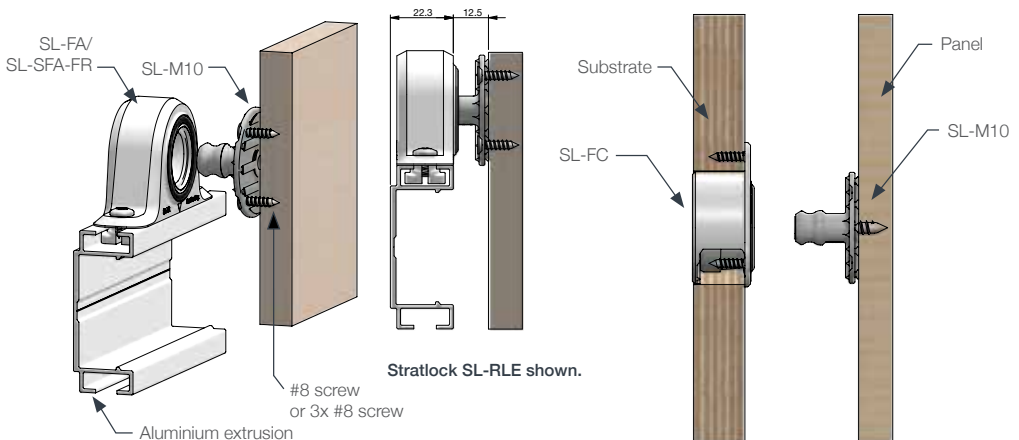
STRATLOCK SL RANGE
SL-M18 & SL-M18-FR PRODUCT GUIDE

SL-M18 Stratlock® Male 18kg
SL-M18-FR Stratlock® Male 18kg - Fire-rated

The SL-M18 attaches to the panel, and mounts into either SL-FA, SL-SFA, SL-FB or SL-FC for rapid mounting of heavy panels to aluminium or steel extrusion framework. The SL-M18-FR/ SL-M18-FR can be combined with fire-rated female clips from the Stratlock Range where fire-resistance is required. Featuring a two-stage engagement head, the SL-M18 engages into the new solid internal load chassis to give 4mm supported movement in any direction before locking into place. Option to fix into panel with 1 or 3 #8 screws or a 2 part epoxy. Combined with any female clip from the Stratlock Range, the SL-M10/SL-M18 / SL-M18-FR has an 10/18kg pull out load and high shear strength. No special tools required for installation. Patent Pending. Refer to Panel Offset Guide for gap between substrate and panel, pull out and shear loads.

SL-M18 18kg **SL-M18-FR** 18kg

USE WITH:
SL-FA / SL-FA-FR
SL-SFA / SL-SFA-FR
SL-FB / SL-FB-FR
SL-FC / SL-FC-FR

MORE INFO:
Installation Guide SL-FA, SL-SFA, SL-FB, SL-FC
Clip Layout Guide TD-15
Panel Offset Guide

MATERIAL:
Light grey GF Nylon
Black Shinite

BENEFITS
- Strongest mounting available
- Supported movement of the panel 4mm in any direction before locking into final position.
- Screw fix with 1 or 3 #8 screws, or a 2 part epoxy
- No special tools required
- Acoustic isolation between panel and frame
- Fits into SL-FA / SL-FA-FR, SL-SFA / SL-SFA-FR, SL-FB / SL-FB-FR and SL-FC / SL-FC-FR
- 18kg pull out load & high shear strength

APPLICATIONS
- Commercial interior fit out
- Mounting heavier ceiling and wall panels
- Hotels, hospitals, retail, residential
- Superyacht deckheads
- Fire-rated interiors

INSTALLATION: Partially exploded through section showing typical installation method

SL-FA / SL-FA-FR — SL-M18 / SL-M18-FR — Aluminium extrusion — #8 screw or 3x #8 screw — 22.3 — 12.5 — SL-FB / SL-FB-FR — SL-M18 / SL-M18-FR — Steel framework — #8 screw

Stratlock SL-RLE shown.
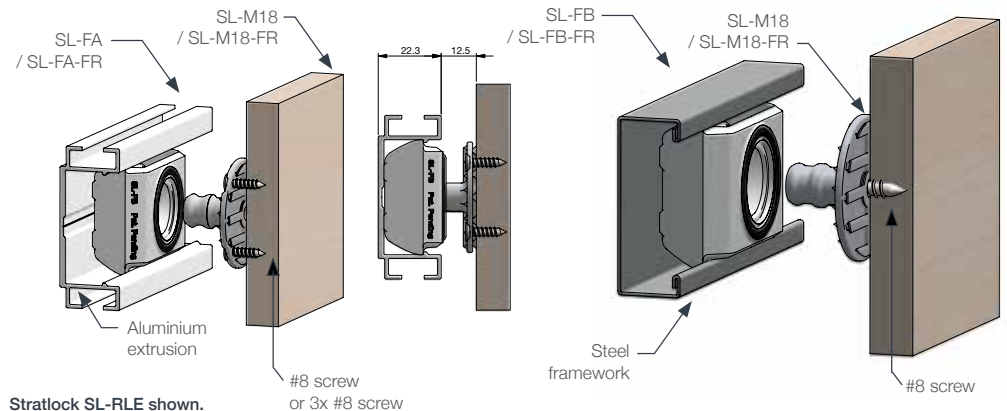
Steel rail or
aluminium extrusion?

We're setting the
standard for panel
mounting with those too.

Available now, the Stratlock® Rail System by Fastmount is a complete answer to aluminium extrusions, connectors and panel fasteners, built with the Fastmount finish.

Use the QR code to see the full Technical Guide or go to
www.fastmount.com/products/stratlock-rail-system/

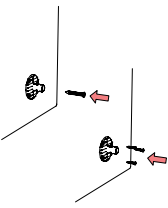Patented 4mm adjust & lock
positioning function.
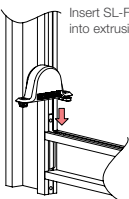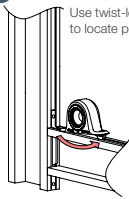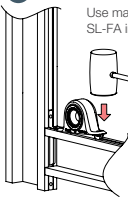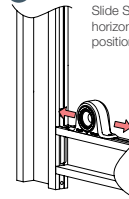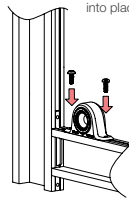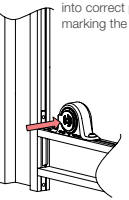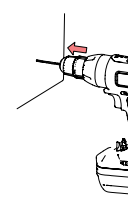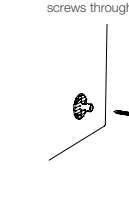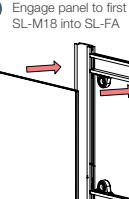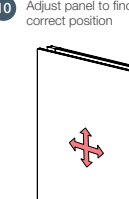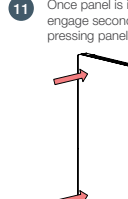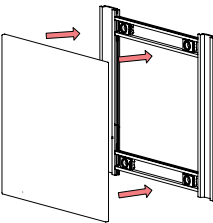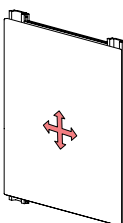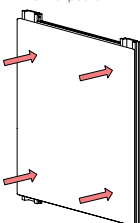
STRATLOCK SL RANGE
SL-FA & SL-FA-FR INSTALLATION GUIDE

SL-FA Stratlock® Range - Screw Fix
SL-FA-FR Stratlock® Range - Screw Fix - Fire-rated

SL-FA	SL-FA-FR	USE WITH:	INSTALL WITH:
		SL-M10, SL-M18, SL-M18-FR	#5 screws #8 screws #10 screws CP-01ST

INSTALLATION STEPS Screw-fix method - follow same steps for fire-rated Stratlock clips

1. Insert SL-FA into extrusion frame
2. Use twist-lock function to locate position
3. Use mallet to press SL-FA into frame
4. Slide SL-FA horizontally into final position if required
5. Use 2 x #10 screws or #5 rivets to fix into place
6. Insert CP-01 ST into SL-FA and press panel into correct position, marking the panel
7. Drill out mark created by CP-01 ST with 3mm drill bit
8. Install SL-M18 with 1 x #8 screw through centre or 3 x #5 screws through base
9. Engage panel to first click of SL-M18 into SL-FA
10. Adjust panel to find correct position
11. Once panel is in correct location, engage second click by pressing panel into final position.

Stratlock SL-RLE shown.

STRATLOCK SL RANGE
SL-FA INSTALLATION GUIDE

## SL-FA Stratlock® Range - Adhesive Fix
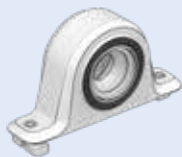
SL-FA	USE WITH:	INSTALL WITH:
	SL-M10, SL-M18	A 2 part epoxy adhesive
		#10 screws

INSTALLATION STEPS Adhesive fix method

1 Insert SL-FA into extrusion frame

2 Use twist-lock function to locate position

3 Use mallet to press SL-FA into frame

4 Slide SL-FA horizontally into final position if required

5 Use 2 x #10 screws or #5 rivets to fix into place

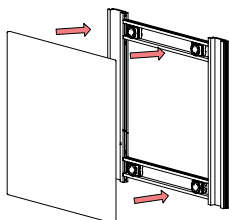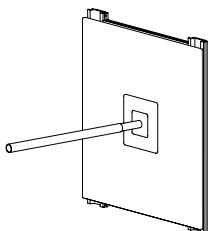**6** Engage SL-M18 two clicks into SL-FA
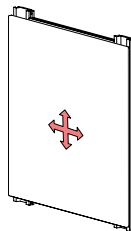
7 2 part epoxy adhesive to SL-M18

8 Press panel into place

9 Use panel support while adhesive dries

10 Once adhesive has dried, remove panel. Replace and engage one click to adjust panel to find correct position

11 Once panel is in correct location, engage second click by pressing panel into final position.

Stratlock SL-RLE shown.
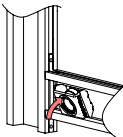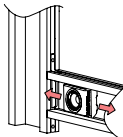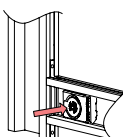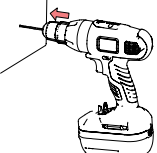
STRATLOCK SL RANGE
SL-FB & SL-FB-FR INSTALLATION GUIDE

SL-FB Stratlock® Range - Screw Fix
SL-FB-FR Stratlock® Range - Screw Fix - Fire-rated

SL-FB	SL-FB-FR	USE WITH:	INSTALL WITH:
		SL-M10, SL-M18, SL-M18-FR	#8 screws #5 screws CP-01ST

INSTALLATION STEPS Screw-fix method - follow same steps for fire-rated Stratlock clips

1. Push fit SL-FB into frame

2. Locate SL-FB into correct position

3. Insert CP-01 ST into SL-FB and press panel into correct position, marking the panel

4. Drill out mark created by CP-01ST with 3mm drill bit

5. nstall SL-M18 with 1 x #8 screw through centre or 3 x #5 screws through base

6. Engage panel to first click into SL-FB

7. Adjust panel to find correct position

8. Once panel is in correct location, engage second click by pressing panel into final postion
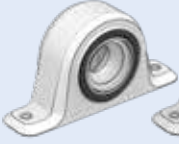
Stratlock SL-RLE shown.

STRATLOCK SL RANGE
SL-FB INSTALLATION GUIDE

SL-FB Stratlock® Range - Adhesive Fix

SL-FB	USE WITH:	INSTALL WITH:
	SL-M10, SL-M18	A 2 part epoxy

INSTALLATION STEPS Adhesive fix method
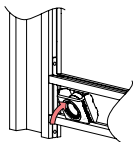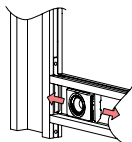
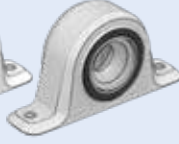|			
1 Push fit SL-FB into frame	**2** Locate SL-FB into correct position	**3** Engage SL-M18 two clicks into SL-FB	**4** Apply a 2 part epoxy adhesive to SL-M18
5 Press panel into place	**6** Use panel support while adhesive dries	**7** Once adhesive has dried, remove panel. Replace and engage only one click to adjust panel around the SL-M18's point	**8** Once panel is in desired location, engage second click by pressing panel into its final position
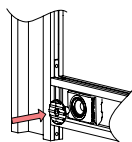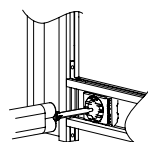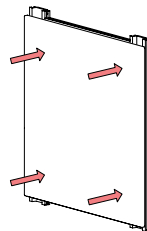
Stratlock SL-RLE shown.

STRATLOCK SL RANGE
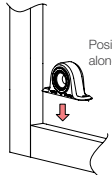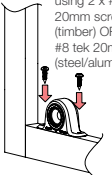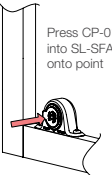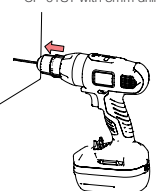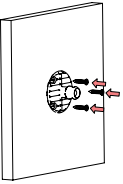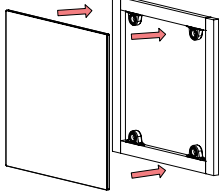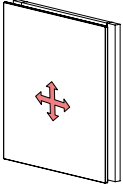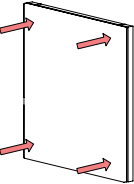## SL-SFA & SL-SFA-FR INSTALLATION GUIDE

SL-SFA Stratlock® Range - Screw Fix
SL-SFA-FR Stratlock® Range - Screw Fix - Fire-rated

SL-SFA	SL-SFA-FR	USE WITH:	INSTALL WITH:
		SL-M10, SL-M18, SL-M18-FR	CP-01ST — 2 x #8 panhead screws (20mm, timber frame) OR #8 tek screws (20mm, aluminium/steel frame) #5 screws

INSTALLATION STEPS Screw-fix method - follow same steps for fire-rated Stratlock clips
Note: Refer into steps 6 - 11 on SL-FA Adhesive Fix Installation Guide for adhesive application.

1. Position SL-SFA along frame
2. Screw into position using 2 x #8 pan head 20mm screws (timber) OR #8 tek 20mm screws (steel/alum.)
3. Press CP-01ST centrepoint into SL-SFA, press panel onto point
4. Drill out mark created by CP-01ST with 3mm drill bit
5. Install SL-M18 with 1 x #8 screw through centre or 3 x #5 screws through base
6. Engage panel to first click of SL-M18 into SL-SFA
7. Adjust panel to find correct position
8. Once panel is in correct location, engage second click by pressing panel into final position.

STRATLOCK SL RANGE
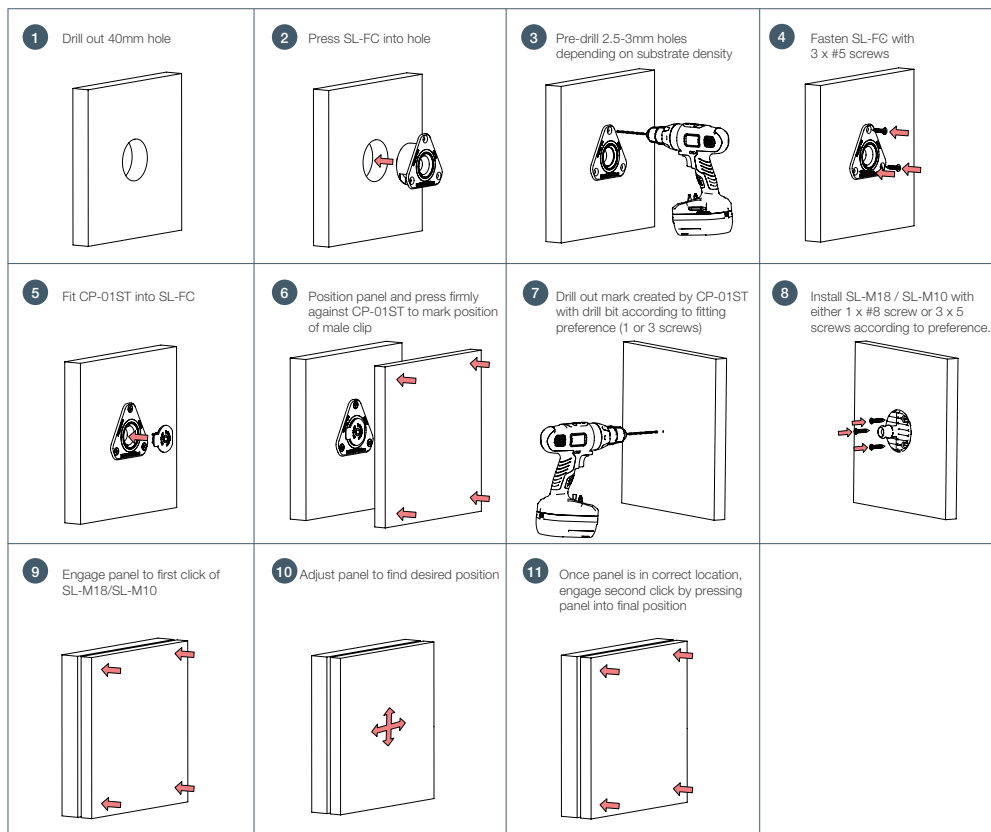## SL-FC & SL-FC-FR INSTALLATION GUIDE

SL-FC Stratlock® Range - Screw Fix
SL-FC-FR Stratlock® Range - screw fix - Fire-rated

SL-FC	SL-FC-FR	USE WITH:	INSTALL WITH:
		SL-M10, SL-M18, SL-M18-FR	#5 screws #8 screws CP-01ST

INSTALLATION STEPS Screw-fix method - follow same steps for fire-rated Stratlock clips

1 Drill out 40mm hole	**2** Press SL-FC into hole	**3** Pre-drill 2.5-3mm holes depending on substrate density	**4** Fasten SL-FC with 3 x #5 screws
5 Fit CP-01ST into SL-FC	**6** Position panel and press firmly against CP-01ST to mark position of male clip	**7** Drill out mark created by CP-01ST with drill bit according to fitting preference (1 or 3 screws)	**8** Install SL-M18 / SL-M10 with either 1 x #8 screw or 3 x 5 screws according to preference.
9 Engage panel to first click of SL-M18/SL-M10	**10** Adjust panel to find desired position	**11** Once panel is in correct location, engage second click by pressing panel into final position	

STRATLOCK SL RANGE
SL-FC INSTALLATION GUIDE

SL-FC Stratlock® Range - Adhesive Fix

SL-FC		USE WITH:	INSTALL WITH:
		SL-M10, SL-M18	A 2 part epoxy adhesive
			#5 screws

INSTALLATION STEPS Adhesive fix method

1. Drill out 40mm hole

2. Fit SL-FC into hole

3. Pre-drill 2.5-3mm holes depending on substrate density

4. Fasten SL-FC with 3 x #5 screws

5. Clip SL-M18 / SL-M10 into SL-FC

6. Apply 2 part epoxy adhesive to the back of male clip

7. Press panel against clips in desired position

8. Support panel in place while adhesive dries
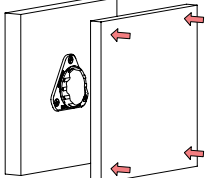
9. Use CT-05 to disengage panel. To replace, engage one click and adjust panel to find correct position

10. Once panel is in correct location, engage second click by pressing panel into final position

STRATLOCK SL RANGE
SL-SMT1 INSTALLATION GUIDE

SL-SMT1 Stratlock® Sidemount
- Installation with PanelSafe Easyfit

SL-SMT1	USE WITH:	INSTALL WITH:
	PS-150E, PS-S150E	#8 screws

INSTALLATION STEPS Installation with PanelSafe

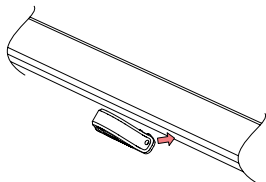| 1 Insert SL-SMT1 into SL-RLE	2 Click into place	3 Use #8 screws to fix SL-SMT1 into position
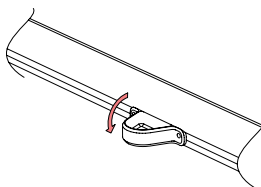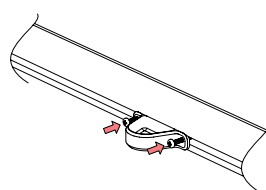
4 Pass the PS-150E or PS-S150E through SL-SMT1 and attach to panel with appropriate Stratlock Range clips already installed	5 Clip panel into position
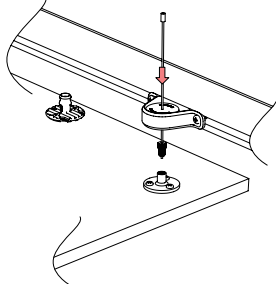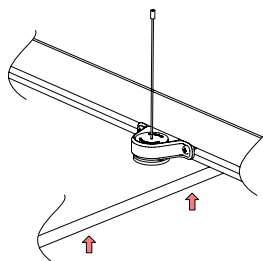
Stratlock SL-RLE shown.

STRATLOCK SL RANGE
SL-SMT1 INSTALLATION GUIDE

SL-SMT1 Stratlock® Sidemount
- Suspension of SL-RLE with M10 threaded rod hanger

SL-SMT1	USE WITH:	INSTALL WITH:
	M10 threaded rod hanger	#8 screws
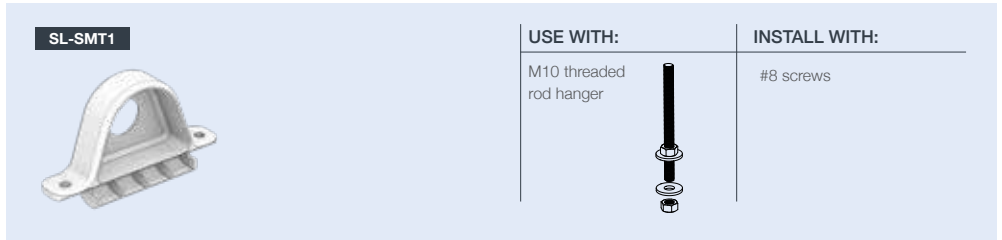
INSTALLATION STEPS using M10 threaded rod hanger

1 Insert SL-SMT1 into channel of SL-RLE, logo side facing up	**2** Click into place	**3** Use #8 screws to fix SL-SMT1 into position
4 Insert ceiling hanger through SL-SMT1	**5** Set bottom M10 nut at correct hanging distance	**6** Tighten top nut to lock SL-SMT1 in place and continue panel installation according to Stratlock Range installation guides.
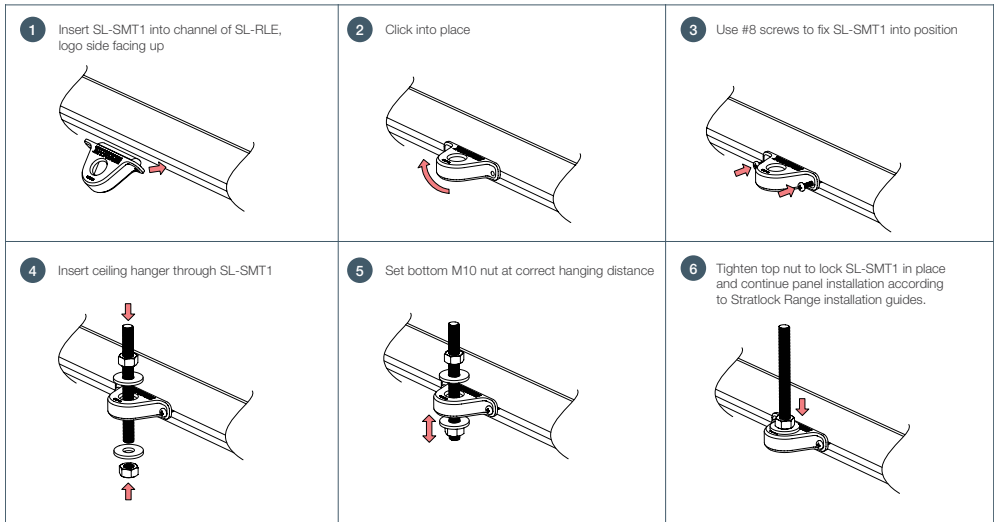
Stratlock SL-RLE shown.

LAYOUT GUIDE - **ALL RANGES**
SMALL OR LIGHTWEIGHT CEILING PANEL

Fitting panel mounted (eg.downlight >0.5kg)   **TD-02**

Heavy fitting such as speaker supported seperately. Speaker cover only fixed to panel

Panel clip

Edge of covered or prefinished panel

Outline of panel support frame (deck heads / grounds) shown dashed. 90mm wide at panel to panel junction.

300 max. 50 [2"]

250 [9 3/4"]

250 [9 3/4"]

50 [2"]

300 max.

25 20 1" 3/4"

100 [4"]

500 [1'-7 3/4"]

900 [2'-11 1/2"]
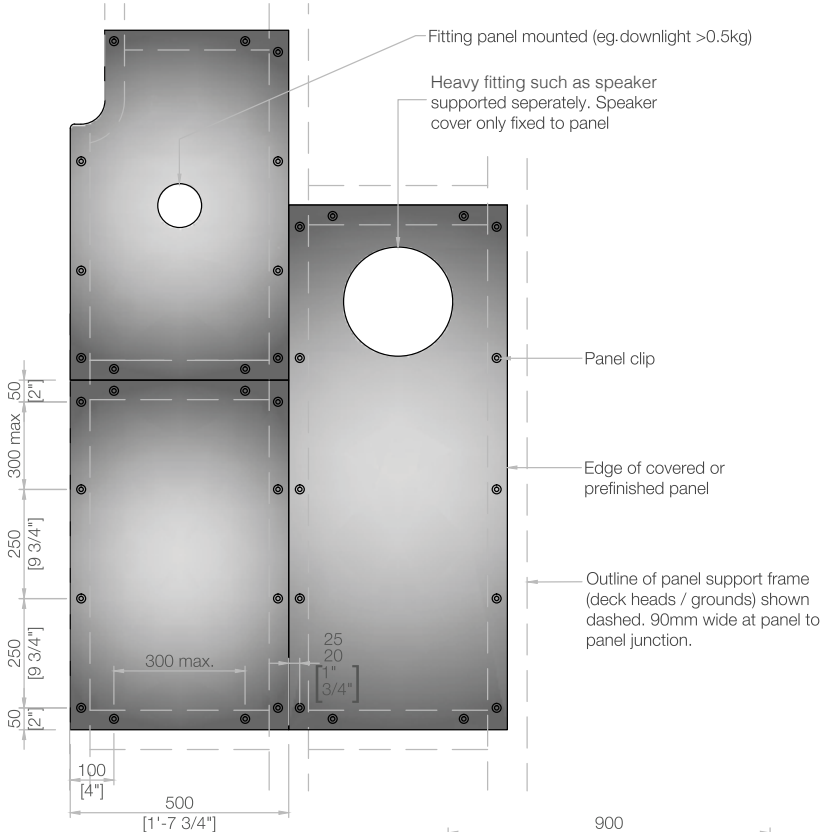
For panels wider than 600 add centre row of clips

Reflected plan view of ceiling panels & support grid. Read with Fastmount installation instructions.

LAYOUT GUIDE - **SL-FA & SL-SFA**
LARGE WALL PANEL

TD-15

1200
[3' -11 1/4"]

600
[1' -11 1/2"]

600
[1' -11 1/"]

678
[2' - 2 3/4"]

max 600

Panel clip

Outline of
support frame

2400
[7' -10 1/2"]

948
[3' - 1 1/4"]

Maximum panel weight:
80kg per m².

678
[2' - 2 3/4"]

Read with Fastmount
installation instructions.
See relevant product sheet
and install guide
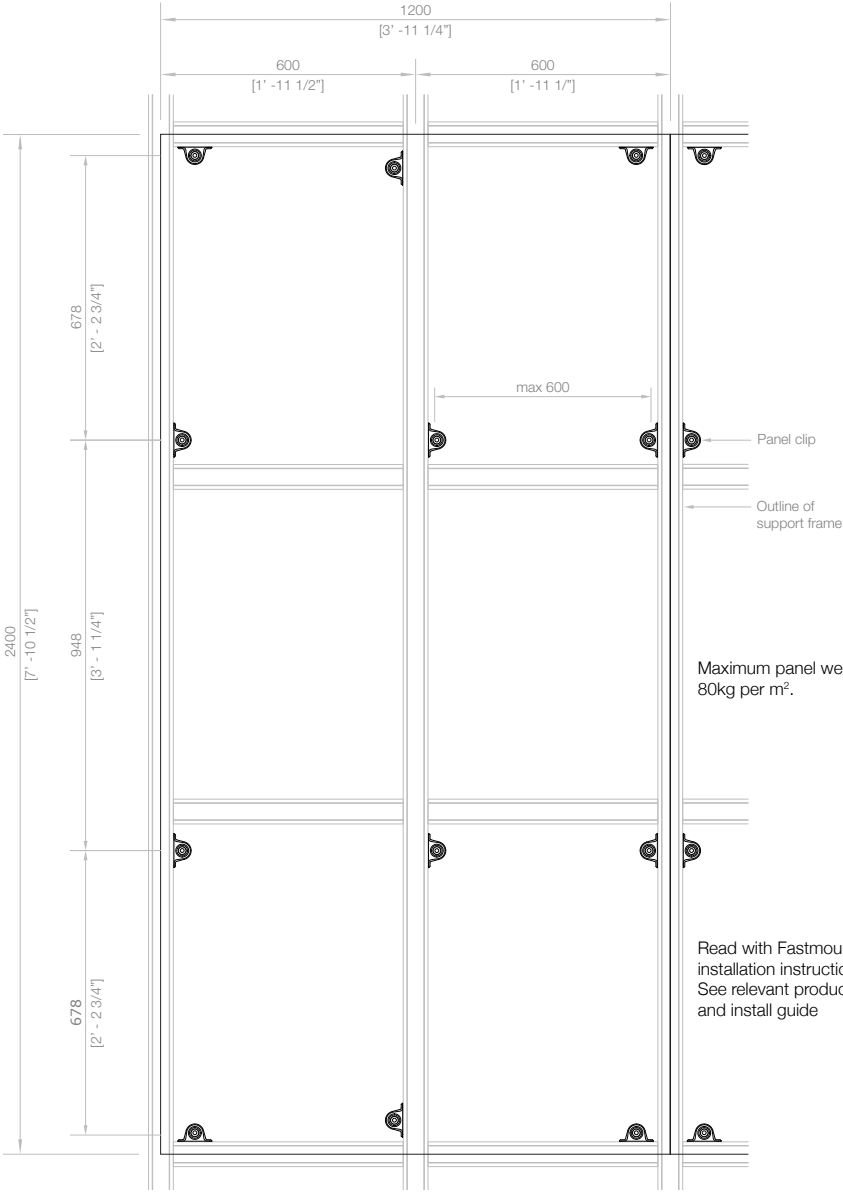
LAYOUT GUIDE - **SL-FB**
LARGE WALL PANEL

TD-16

1200
[3' -11 1/4"]

600
[1' -11 1/2"]

600
[1' -11 1/"]

783
[2' -7"]

max 600

2400
[7' -10 1/2"]

783
[2' -7"]

783
[2' -7"]

Panel clip

Outline of
support frame

Maximum panel weight:
80 kg per m².

Read with Fastmount
installation instructions.
See relevant product sheet
and install guide
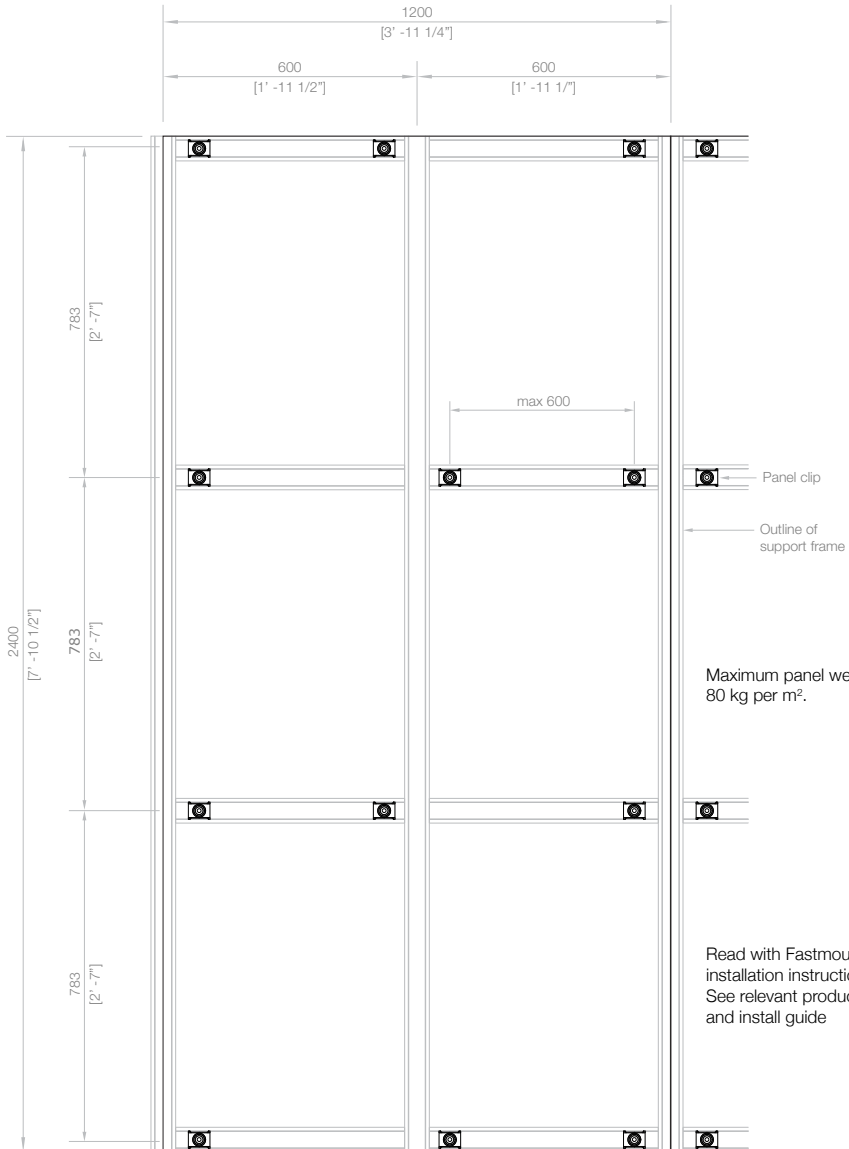
LAYOUT GUIDE - **SL-FA & SL-SFA**
FOR CEILING PANEL

1200
[3' -11 1/4"]

600
[1' -11 1/2"]

600
[1' -11 1/2"]

max 600

462
[1' - 6 1/4"]

600
[1' - 11 5/8"]

600
[1' - 11 5/8"]

642
[2' - 1 1/4"]

2400
[7' -10 1/2"]

Panel clip

Outline of
support frame

Maximum panel weight:
50 kg per m².

Read with Fastmount
installation instructions.
See relevant product sheet
and install guide
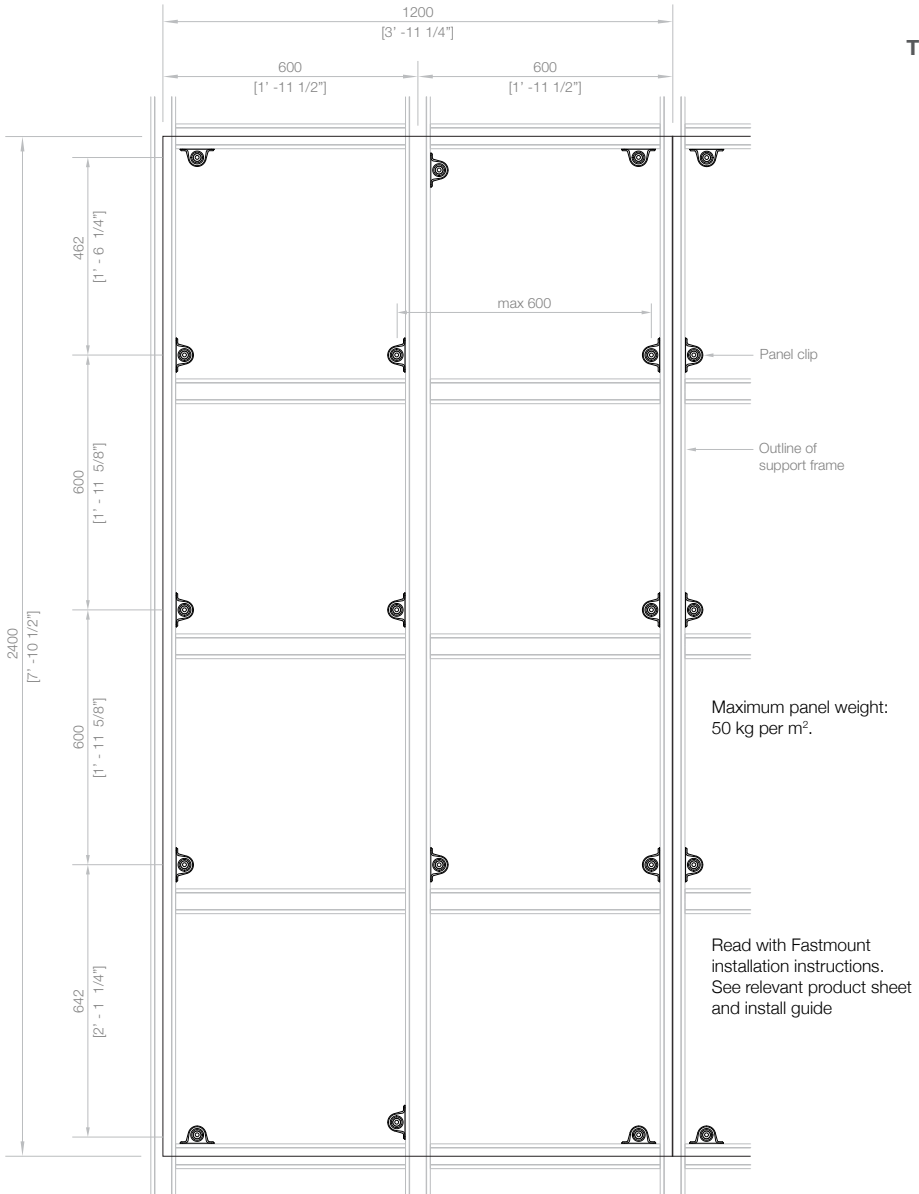
LAYOUT GUIDE - **SL-FB**
FOR CEILING WALL PANEL

TD-18

1200
[3' -11 1/4"]

600
[1' -11 1/2"]

600
[1' -11 1/"]

469
[1'-6 1/2"]

469
[1'-6 1/2"]

2400
[7' -10 1/2"]

469
[1'-6 1/2"]

469
[1'-6 1/2"]

max 600

Panel clip

Outline of
support frame

Maximum panel weight:
50 kg per m².

Read with Fastmount
installation instructions.
See relevant product sheet
and install guide
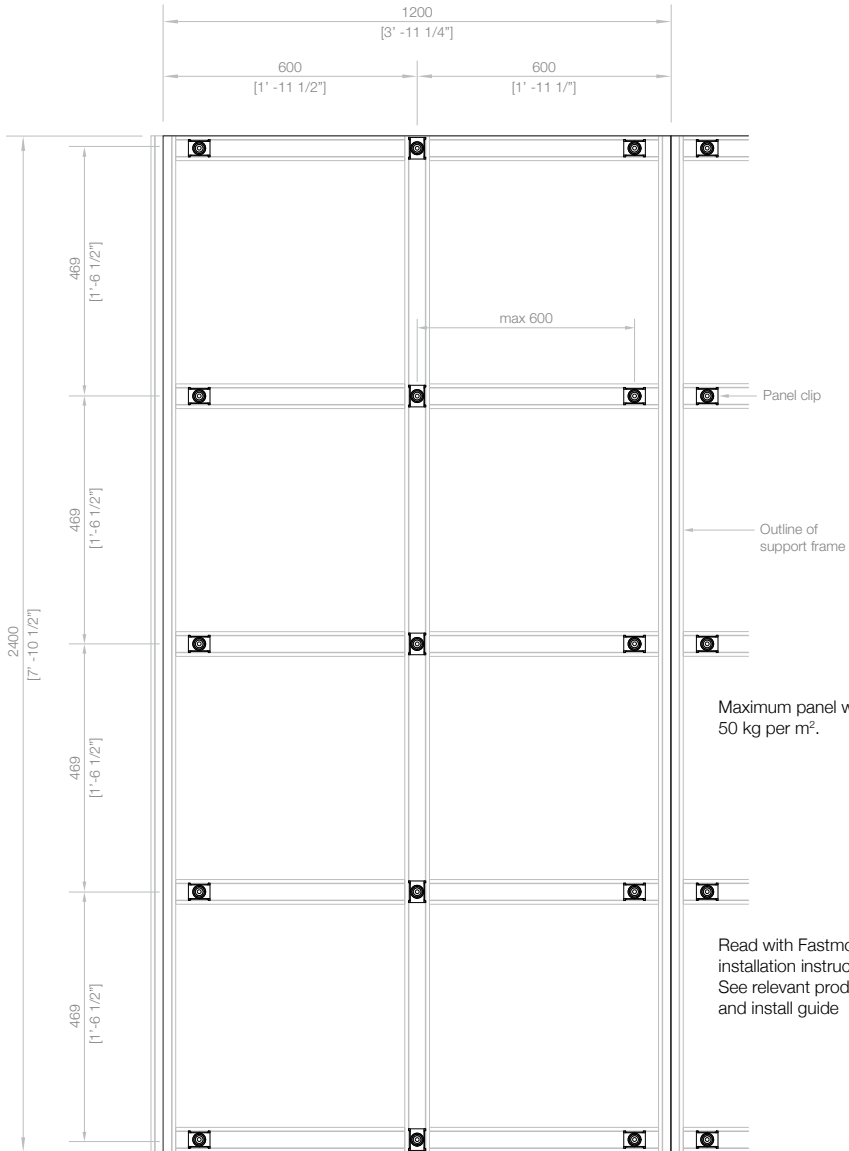
LAYOUT GUIDE - **SL-FC**
FOR LARGE WALL PANEL

TD-19

1200
[3' -11 1/4"]

600
[1' -11 1/2"]

600
[1' -11 1/"]

max 600

783
[2' -7"]

783
[2' -7"]

783
[2' -7"]

2400
[7' -10 1/2"]

Outline of
support frame

Panel clip

Maximum panel weight:
80kg per m².

Read with Fastmount
installation instructions.
See relevant product sheet
and install guide
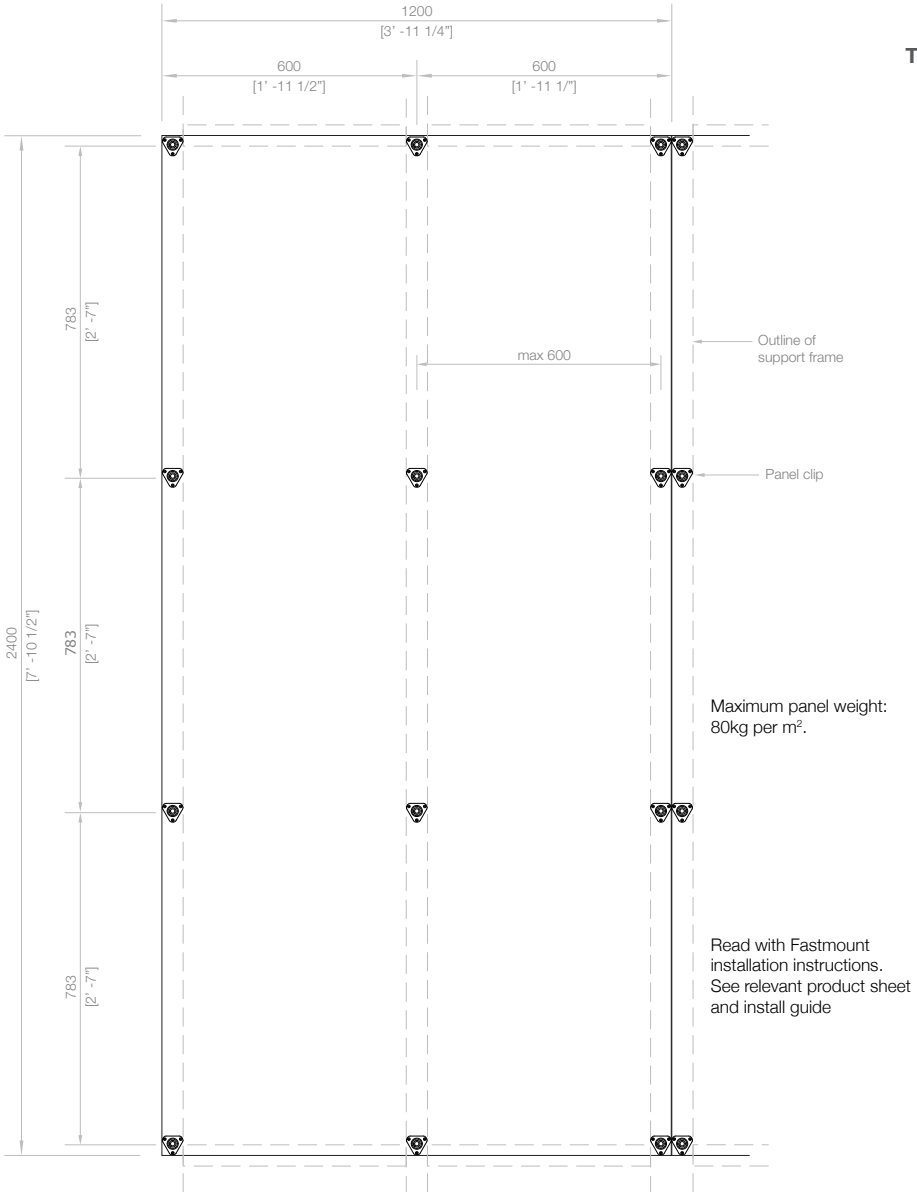
LAYOUT GUIDE - **SL-FC**
FOR CEILING WALL PANEL

TD-20

Panel clip

Outline of
support frame

Maximum panel weight:
50 kg per m².

Read with Fastmount
installation instructions.
See relevant product sheet
and install guide
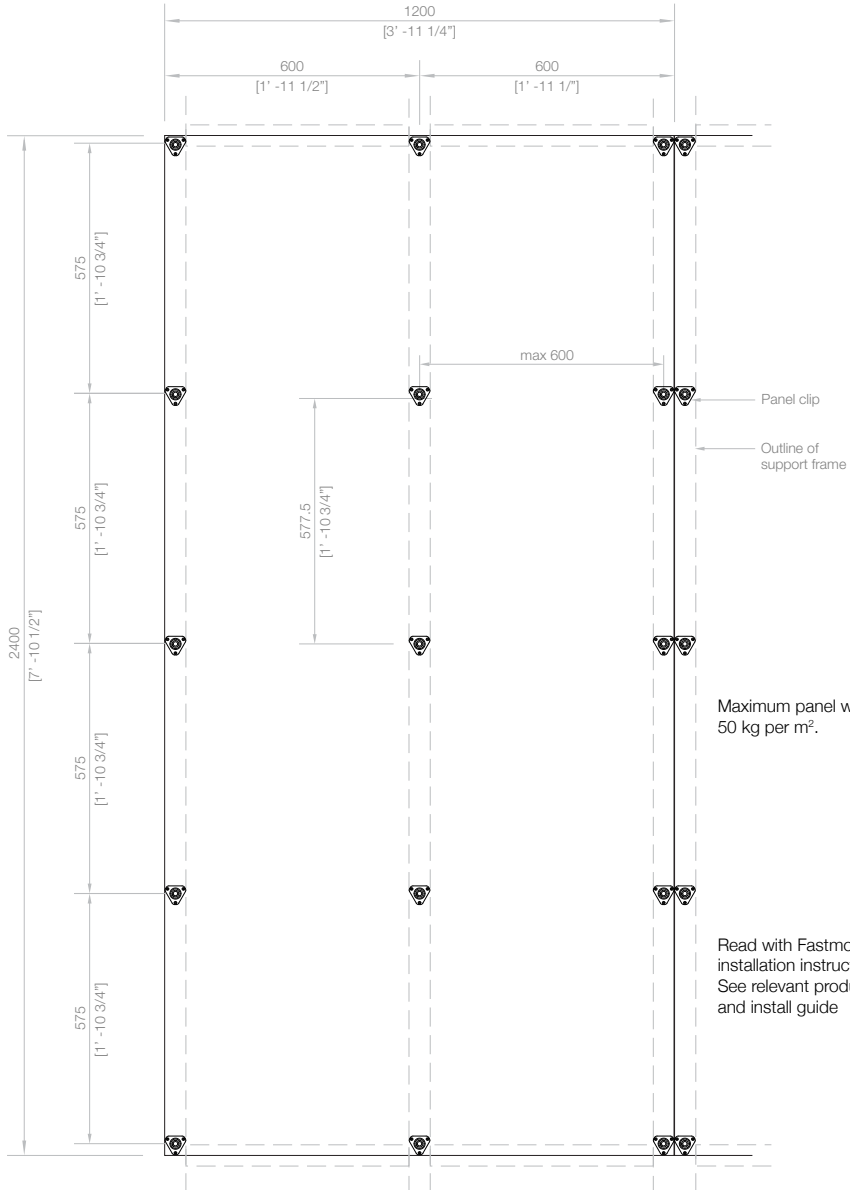
LAYOUT GUIDE - **SL-SMT1**
FOR LARGE CEILING PANEL

TD-21
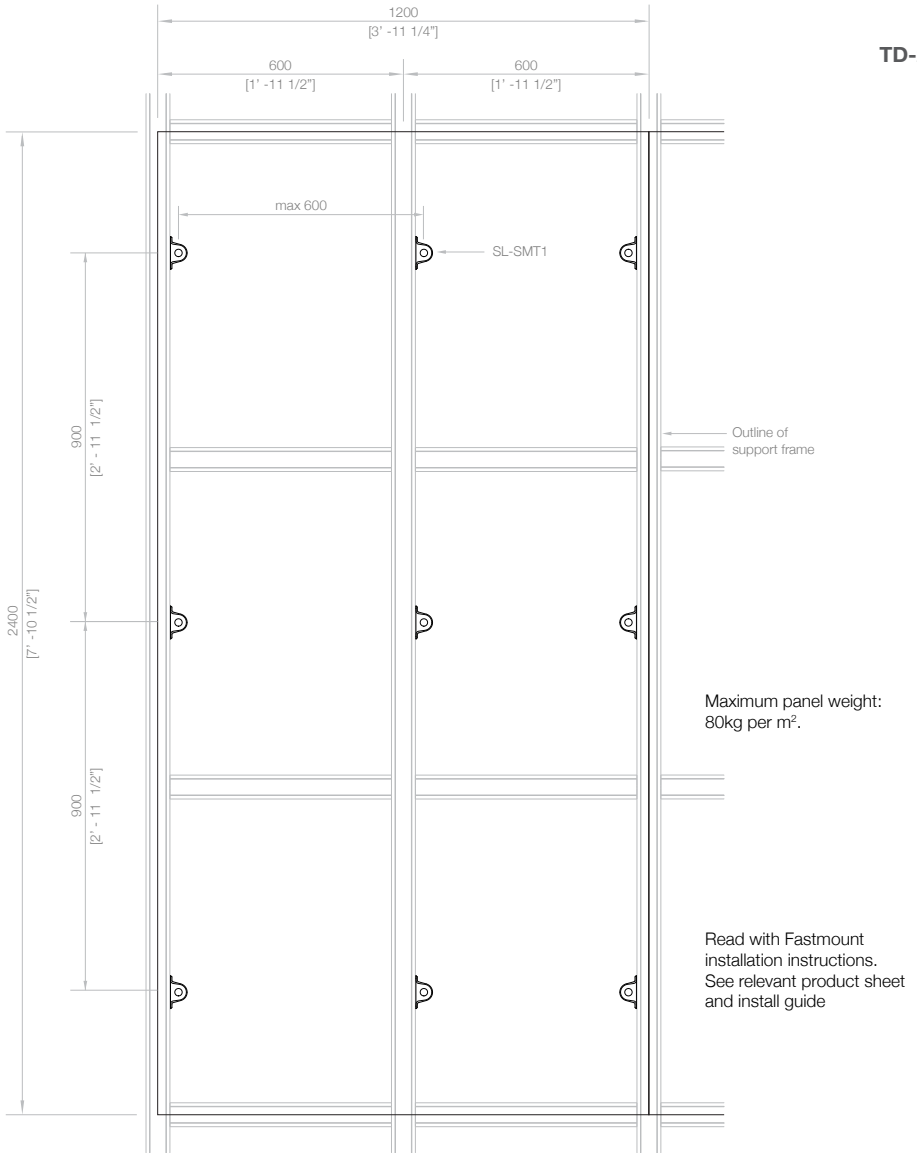
1200
[3' -11 1/4"]

600
[1' -11 1/2"]

600
[1' -11 1/2"]

max 600

SL-SMT1

900
[2' - 11 1/2"]

2400
[7' -10 1/2"]

900
[2' - 11 1/2"]

Outline of
support frame

Maximum panel weight:
80kg per m².

Read with Fastmount
installation instructions.
See relevant product sheet
and install guide

Hang ceiling panels
from rod hangers quickly
and accurately with
the all new SL-SMT1