

CS041 TECHNICAL GUIDE

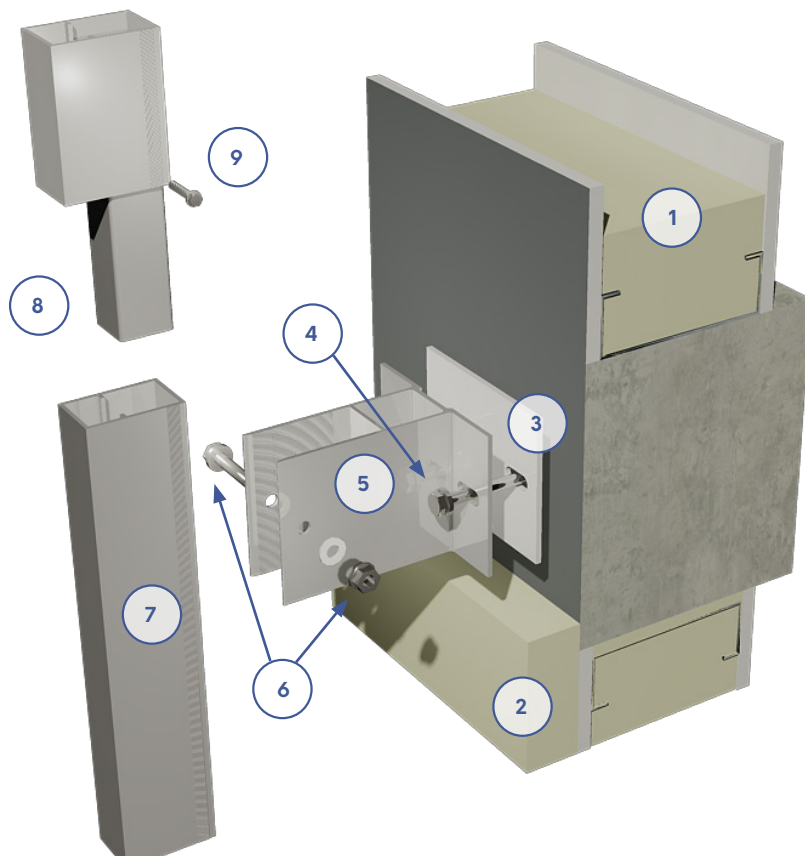
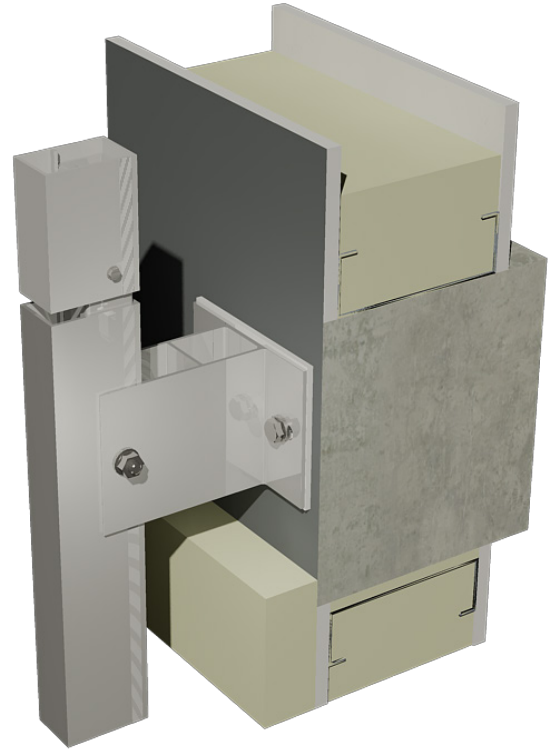
CS041 SYSTEM OVERVIEW

Clad-Sec CS041 floor to floor framing system is designed to provide vertical support to most rainscreen cladding panels using the principle of a ventilated façade with the ability to span over non-load bearing walls and be fixed back to floor slabs.

Wall brackets combined with extruded aluminium box and "T" box profiles provide the installer with an adjustable system allowing for thermal and structural movement and variation in cavity depth to suit project specific requirements.

CS041 vertical rails offer direct support to the cladding panels by face or adhesive fixing them.

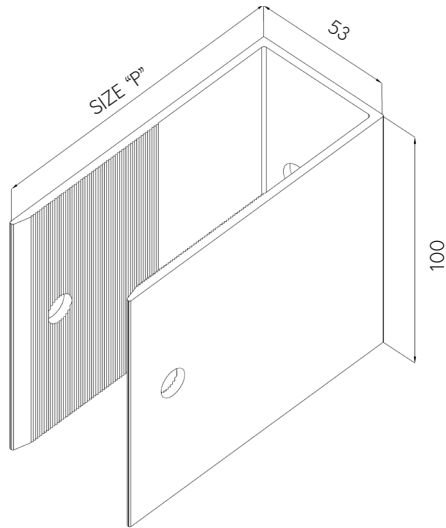
It can also be used as a support to other framing systems such as our CS004 Mechanical Secret Fix or CS021 Omega and Zeds for horizontal support.



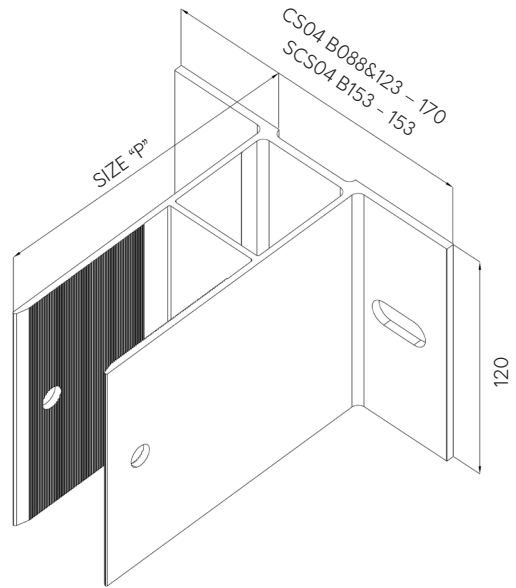
1. Primary Structure
(Concrete, Masonry, SFS or timber)
2. Insulation
3. CS041 Isolator Pad
4. Primary Fixing
(varies dependent on Primary Structure)
5. CS041 Wall Bracket
6. HBS 100x75 A2 S/S Bolt Set
7. CS041 Box Rail
(box or "T" box available as 6m lengths)
8. 200mm Rail Connecting Spigot
9. FDS 65530 W16 Spigot Retaining Screw

CS041 Wall Brackets / Cavity Range

CS041 wall brackets are available as standard with 30xØ13mm slots (central or side located) to suit most masonry / concrete anchors and in different sizes ranging from 83 to 153mm projection



CS041 - WALL BRACKET
CENTRE FIXING

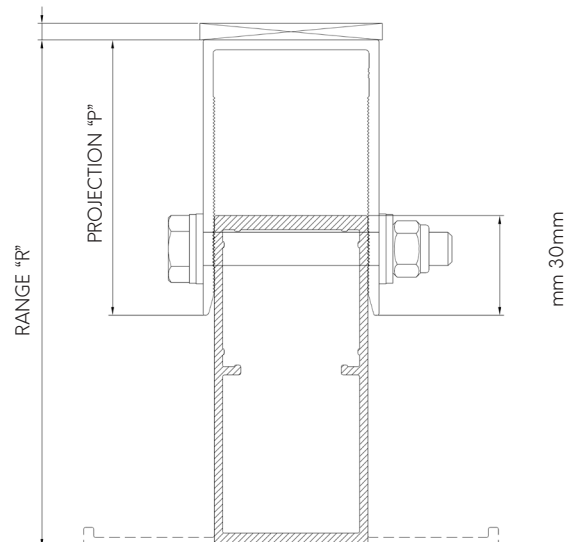
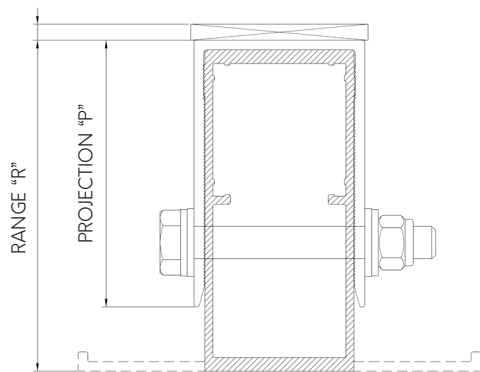


CS041 - WALL BRACKET
SIDE FIXING

Framing Zone - Range (R)

Bracket Reference	Projection	Range 75mm "Box" Rail		Range 100mm "Box" Rail	
CS041 BA&B 83/100	83mm	86mm	128mm	103mm	153mm
CS041 BA&B 88/120	88mm	91mm	133mm	108mm	158mm
CS041 BA&B 118/100	118mm	121mm	163mm	121mm	188mm
CS041 BA&B 123/120	123mm	126mm	168mm	126mm	193mm
CS041 BA&B 153/120	153mm	156mm	198mm	163mm	223mm

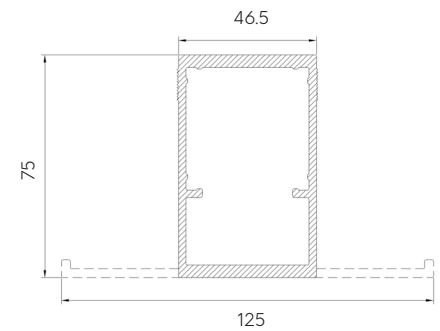
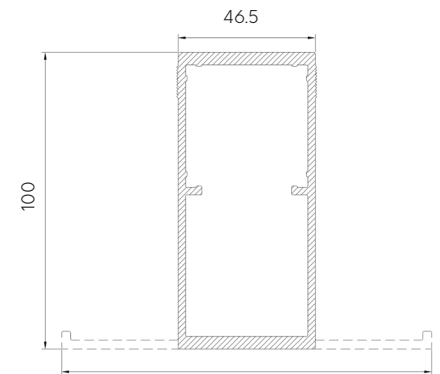
Add 5mm to include - Thermal Isolator Pad



CS041 Rails

Extruded Alloy Grade 6005A T6

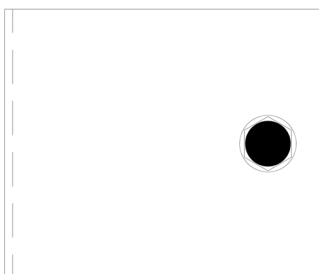
CS041 Rail Ref	Description	Length (mm)
CS041 RT075/4/6000	"T-Box" carrier rail	6000
CS041 RT100/4/6000	"T-Box" carrier rail	6000
CS041 RB075/4/6000	"Box" carrier rail	6000
CS041 RB100/4/6000	"Box" carrier rail	6000
CS041 SP4/200	40x40mm Connecting Spigot	200



Site Checklist

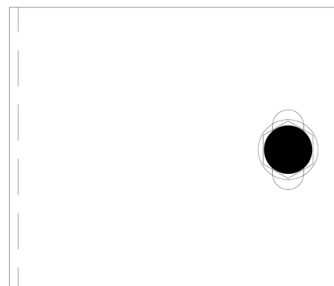
Before commencing installation of CS041 framing system please make sure you have received the following information:

- CS041 structural calculations* for project specific dynamic and dead loads.
- CS041 Wall brackets and rails set out drawings* showing location of dead load (fix point), wind restraint / expansion brackets (sliding point) and box rails horizontal spacing & joints.



Fixed point bracket

Box rails secured using HBS 100x75mm Bolt Set through hole.



Sliding point bracket

Box rails secured using HBS 100x75mm Bolt Set through slot.

Design Considerations

Vertical Rails and CS041 Wall Brackets should be set out in accordance with the structural engineers' calculations or necessary building regulation.

T box sections generally provide vertical support at panel joint and Box rail sections provide vertical support for intermediate fixing and corner/reveal support. T Box and Box rails are generally supplied in 6.0metre lengths.

Rainscreen cladding fixings should be positioned close to the centre line of the front face of the box rail / legs of T box.

There must be a minimum 10mm gap between the ends of adjacent rails to allow for expansion and cladding panels should never be fixed to two adjacent rails across the expansion gap.

Do not secure the upper and lower rails using the same wall bracket.

CS041 Helping Hand bracket Isolator pads must be used when there is risk of bimetallic corrosion or thermal bridging and to isolate the bracket from cementitious surfaces.

For ease of lining and levelling rails start from a predetermined datum line corner/opening or return.

The CS041 system is designed to span between structural floor slabs, so all the supporting wall brackets are fitted to slab edges.

Installation Procedure

1. Mark up location of CS041 wall brackets ensuring that fixed and sliding points wall brackets are positioned correctly.



2.. Install CS041 wall brackets with isolator pads positioned between the rear of the brackets and the building substrate. Use the appropriate primary anchors as dictated by project specific static calculations.

Fixed points (carrying dead load) for both the T Box and Box rails are located at the top of each rail and the sliding points are at the bottom if rails spanning over two floors.

3. If mineral wool insulation is to be fitted ensure that once this is in place access is available to attach the T box and Box rails to the wall brackets.

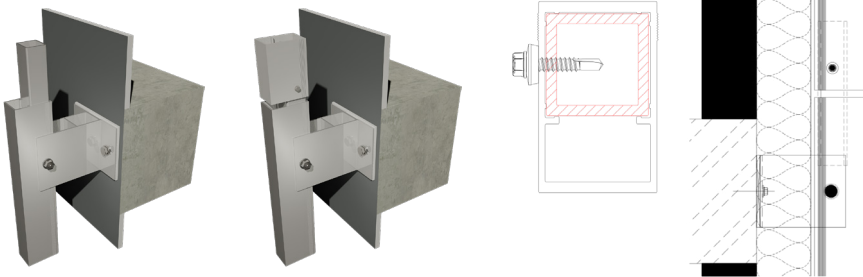


4. Insert vertical box rails into the CS041 wall brackets, adjust, check line and level and secure each rail by drilling an 11mm diameter hole through the fix point hole or sliding point slot.

Vertical box rails should always engage a minimum of 30mm into the wall bracket.

5. Fit the M10 x 75mm SS Rail Bolt/Washers/Locknuts to each hole, torque load and secure.

6. Each T Box/Box Rail is jointed at the slab edges by inserting a 200mm long Connecting Spigot into the rear chamber of each rail. Then, fix a single FDS65530 W 16 x 30mm TEK screw approx. 25mm above the joint, centrally to the box spigot.



7. Continue installation of rails following the same procedure as above to complete the sub grid.

8. Proceed with the installation of the remainder of the rainscreen system.

9. When completed and before commencing cladding panel installation, final checks should be carried out on:

- Level and plumb of vertical rail
- Correct location of fix and sliding point wall brackets and spigot.
- Correct torque load applied to primary anchors as recommended by fixing manufacturer.

10. Proceed with cladding panel installation following cladding manufacturer guidelines.

Delivery and Packaging

Most deliveries are made by standard courier unless specific vehicles are requested (For 6m lengths a rigid sided or larger lorry may be required).

All products leaving our works are packed in a manner to ensure safe delivery to site. This entails protection by shrink-wrapping and strapping, and with delivery on suitably sized pallets, frames, crates, bundles, or boxes. These normally contain a maximum of 1200kg for pallets and 35kg for non-palletised items for safe handling on site. It should be noted that it is the customers' responsibility to ensure safe unloading of delivery vehicles.

Pallets are made suitable for forklift off-load only as standard. If pallets are required for craning off-load, maximum loading and size must be advised at the time of ordering.

Site Handling

Components must be handled with care in order not to cause loss or damage. Should it be necessary to store the material on site for any length of time, it should be protected from the elements and the environment. A suitable storage area will need to be set aside, storage should be as near as practicable to the areas of working in order to minimise handling, damage and waste.

Maintenance Instructions

Aluminium profiles and façade accessories subjected to normal circumstances and proper cleaning and maintenance, are guaranteed a long-life span in excess of 35 years.

Contamination by concrete, mortar, cement and such, is extremely harmful and needs to be rinsed immediately with pure water.



CS031 TECHNICAL GUIDE

CS031 SYSTEM OVERVIEW.

Clad-Sec CS031 Helping Hand® bracket framing system is designed to provide vertical support to most rainscreen cladding panels using the principle of a ventilated façade.

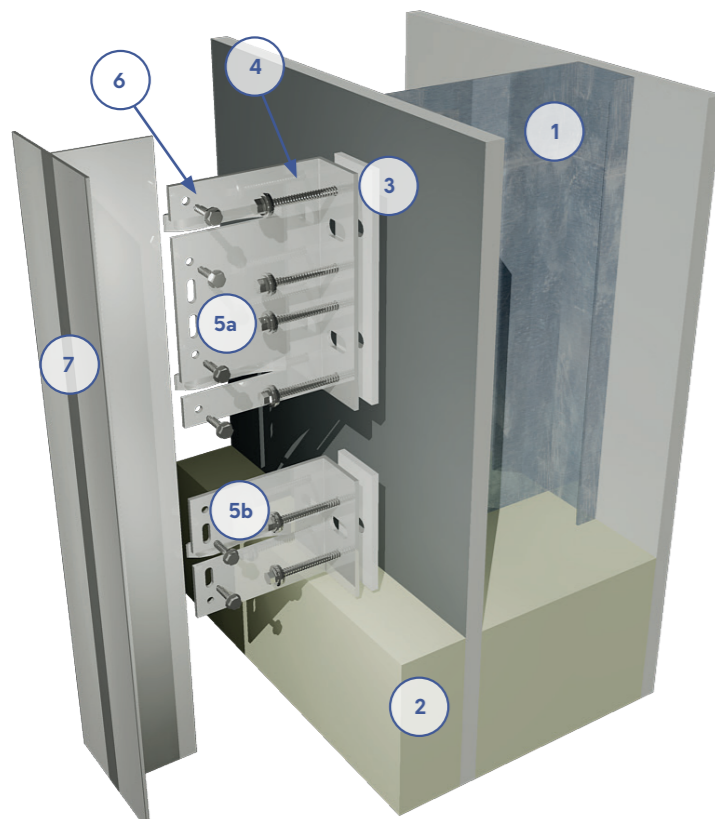
Helping Hand® brackets combined with extruded aluminium L & T profiles provide the installer with an adjustable system allowing for thermal and structural movement and variation in cavity depth to suit project specific requirements.

CS031 vertical rails offer direct support to the cladding panels by face or adhesive fixing them.

It can also be used as a support to other framing systems such as our CS004 Mechanical Secret Fix, CS021 Omega and Zeds for horizontal support or STCS Timber Batten Holders to build an adjustable timber frame.



1. Primary Structure
(Concrete, Masonry, SFS or timber)
 2. Insulation
 3. CS031 Isolator Pad
 4. Primary Fixing
(varies dependent on Primary Structure)
 5. CS031 Helping Hand® Bracket
 - a. Double (150mm high)
 - b. Single (88mm high)
 6. FDS 4.8x19mm
 7. CS031 Vertical Rail
(L or T available as 3 or 6m lengths)
- CS031 Helping Hand® brackets are available as standard with Ø6.5mm holes (SFS / Timber) and 22xØ11mm slots (masonry / concrete) to suit project specific primary anchors.



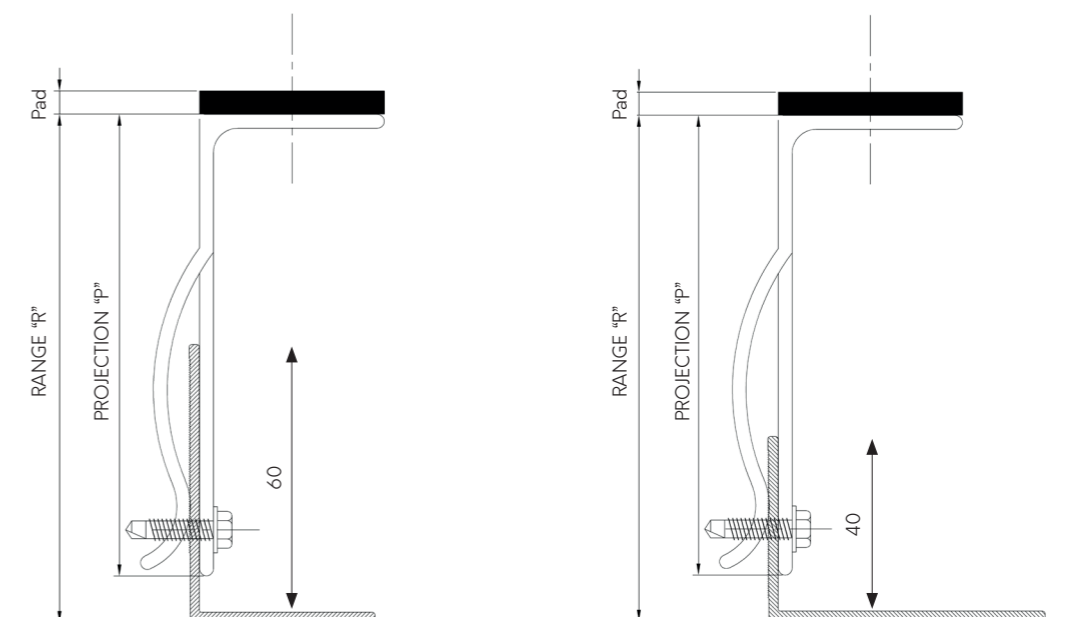
Cavity Range

STCS CS031 Helping Hand® brackets are available in different sizes ranging from 40 to 400mm projection.

Framing Zone - Range (R)

Bracket Ref. Single	Bracket Ref. Double	Range 40mm Leg into Bracket		Range 60mm Leg into Bracket	
HH-Single40	N/A	49mm	59mm	69mm	79mm
HH-Single45	N/A	54mm	64mm	74mm	84mm
HH-Single50	N/A	59mm	69mm	79mm	89mm
HH-Single60	N/A	69mm	79mm	89mm	99mm
HH-Single70	HH-Double70	72mm	90mm	84mm	109mm
HH-Single100	HH-Double100	-	-	102mm	142mm
HH-Single130	HH-Double130	-	-	132mm	172mm
HH-Single160	HH-Double160	-	-	162mm	202mm
HH-Single190	HH-Double190	-	-	192mm	232mm
HH-Single220	HH-Double220	-	-	222mm	262mm
HH-Single250	HH-Double250	-	-	252mm	292mm
HH-Single280	HH-Double280	-	-	282mm	322mm
N/A	HH-Double310	-	-	312mm	352mm
N/A	HH-Double340	-	-	342mm	382mm
N/A	HH-Double370	-	-	372mm	412mm
N/A	HH-Double400	-	-	402mm	442mm

Add 5mm to include Thermostop Pad / Add 7mm to include A2 IsoPad



CS031 Rails

CS031 Rail Ref.	Description	Length (mm)
T100/60-3	"T" carrier rail	3000
T100/60-6	"T" carrier rail	6000
T125/60-3	"T" carrier rail	3000
T125/60-6	"T" carrier rail	6000
T125/40-3	"T" carrier rail	3000
T125/40-6	"T" carrier rail	6000
T140/60-3 *	"T" carrier rail	3000
T140/60-6 *	"T" carrier rail	6000
L60/40-3	"L" carrier rail	3000
L60/40-6	"L" carrier rail	6000

* Special order, minimum quantity applies.

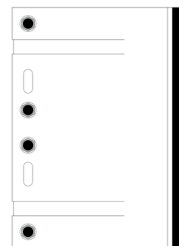
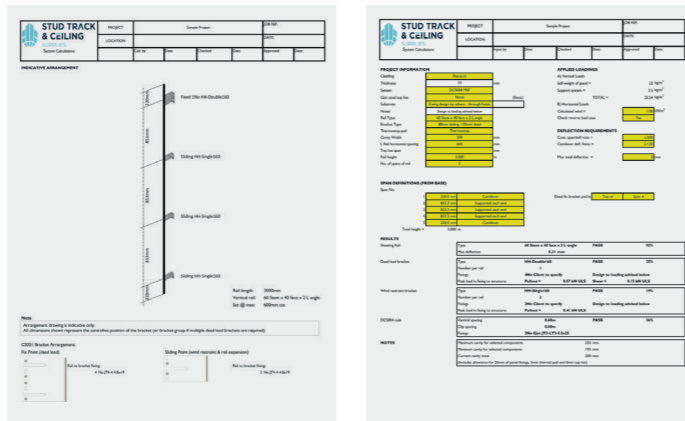
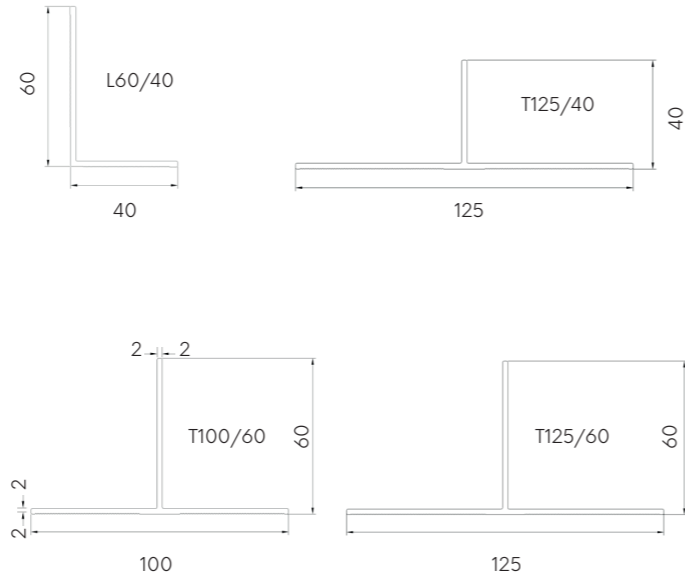
Site Checklist

Before commencing installation of CS031 framing system please make sure you have received the following information:

- Project Specific static calculations. These will dictate maximum vertical Helping Hand® bracket centres, location of fixed (ONE per rail) & sliding point brackets and size / type of primary fixing based on project specific dynamic and dead loads.

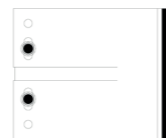
STCS can assist here, please get in touch, email sales@studandtrack.co.uk. Static calcs only available for CS031 Helping Hand System face fix, adhesive fix or combined with CS004

- CS031 Helping Hand® brackets and rails set out drawings showing location of dead load (fixed point), wind restraint / expansion brackets (sliding point) and rails horizontal spacing. Generally, double brackets are used as fixed point and singles as sliding point.



Fixed point bracket

Vertical rails secured using 4.8x19mm framing drill screws through holes.



Sliding point bracket

Vertical rails secured using 4.8x19mm framing drill screws through slots.

Design Considerations

Vertical rails and Helping Hand® brackets should be set out in accordance with the structural engineers' calculations or necessary building regulation.

Typically, rails are installed in lengths to suit individual storey height or panel height module.

T rail sections generally provide vertical support at panel joints and L rail sections provide vertical support for intermediate fixing and corner/reveal support.

Rainscreen cladding fixings should be positioned close to the centre line of the front face of the L rail, note the orientation of the bracket/rail leg.

There must be a minimum 10mm gap between the ends of adjacent rails to allow for expansion and cladding panels should never be fixed to two adjacent rails across the expansion gap.

Vertical rails must not span across and be fixed to the other side of a stud wall floor deflection head unless the Helping Hand® Bracket installed on the other side of the deflection head has been specially adapted with elongated slots to accommodate the specified deflection head tolerance (normally 20mm +).

Do not secure the upper and lower rails using the same Helping Hand® bracket.

For ease of lining and levelling rails start from a predetermined datum line corner/opening or return.

CS031 Helping Hand® bracket Isolator pads must be used when there is risk of bimetallic corrosion or thermal bridging.

Installation Procedure

1. Mark up location of Helping Hand® brackets ensuring that single and double Helping Hand® brackets are positioned correctly for the fixed and sliding points. Check for line and level and note the orientation of the bracket projected leg.



2. Install Helping Hand® brackets with isolator pads positioned between the rear of the brackets and the building substrate. Use the appropriate primary anchors as dictated by project specific static calculations.

All our brackets are available with both Ø6.5mm holes (SFS / Timber) and 22xØ11mm slots (masonry / concrete) to suit project specific primary anchors.

3. If insulation is to be fitted prior to rails installation, ensure that once this is in place access is available to attach the T and L rails to the Helping Hand® brackets.



4. Insert vertical rails into the Helping Hand® brackets.

There should always be a minimum of 20mm of the vertical rail leg inserted into the Helping Hand® spigots.

5. Check the setting out and face alignment with a laser level or string line.

Note: If leaving the Helping Hand® grid overnight and partially constructed ensure the rails are secured with temporary fixing screws.



6. Using the S/S 4.8mm x 19mm TEK screws fix the vertical rails to the Helping Hand® brackets through the pre punched screw holes and slots. Ensure that the TEK screws are fitted in the correct positions for the fixed and sliding points, and from the inside face of the Helping Hand® brackets.

In the unlikely event of overtightening the TEK screw and stripping the drill hole of the thread, either relocate the screw ensuring that the movement of the system is not affected or replace the vertical rail.

7. Continue installation of rails following the same procedure as above to complete the sub grid.
8. Proceed with the installation of the remainder of the rainscreen framing system.
9. When completed and before commencing cladding panel installation, final checks should be carried out on:
 - a. Level and plumb of vertical rail
 - b. Correct location of fix and sliding point Helping Hand® brackets.
 - c. Correct torque load applied to primary anchors as recommended by fixing manufacturer.
10. Proceed with cladding panel installation following cladding manufacturer guidelines.

Delivery and Packaging

Most deliveries are made by standard courier unless specific vehicles are requested (For 6m lengths a rigid sided or larger lorry may be required).

All products leaving our works are packed in a manner to ensure safe delivery to site. This entails protection by shrink-wrapping and strapping, and with delivery on suitably sized pallets, frames, crates, bundles, or boxes. These normally contain a maximum of 1200kg for pallets and 35kg for non-palletised items for safe handling on site. It should be noted that it is the customers' responsibility to ensure safe unloading of delivery vehicles.

Pallets are made suitable for forklift off-load only as standard. If pallets are required for craning off-load, maximum loading and size must be advised at the time of ordering.

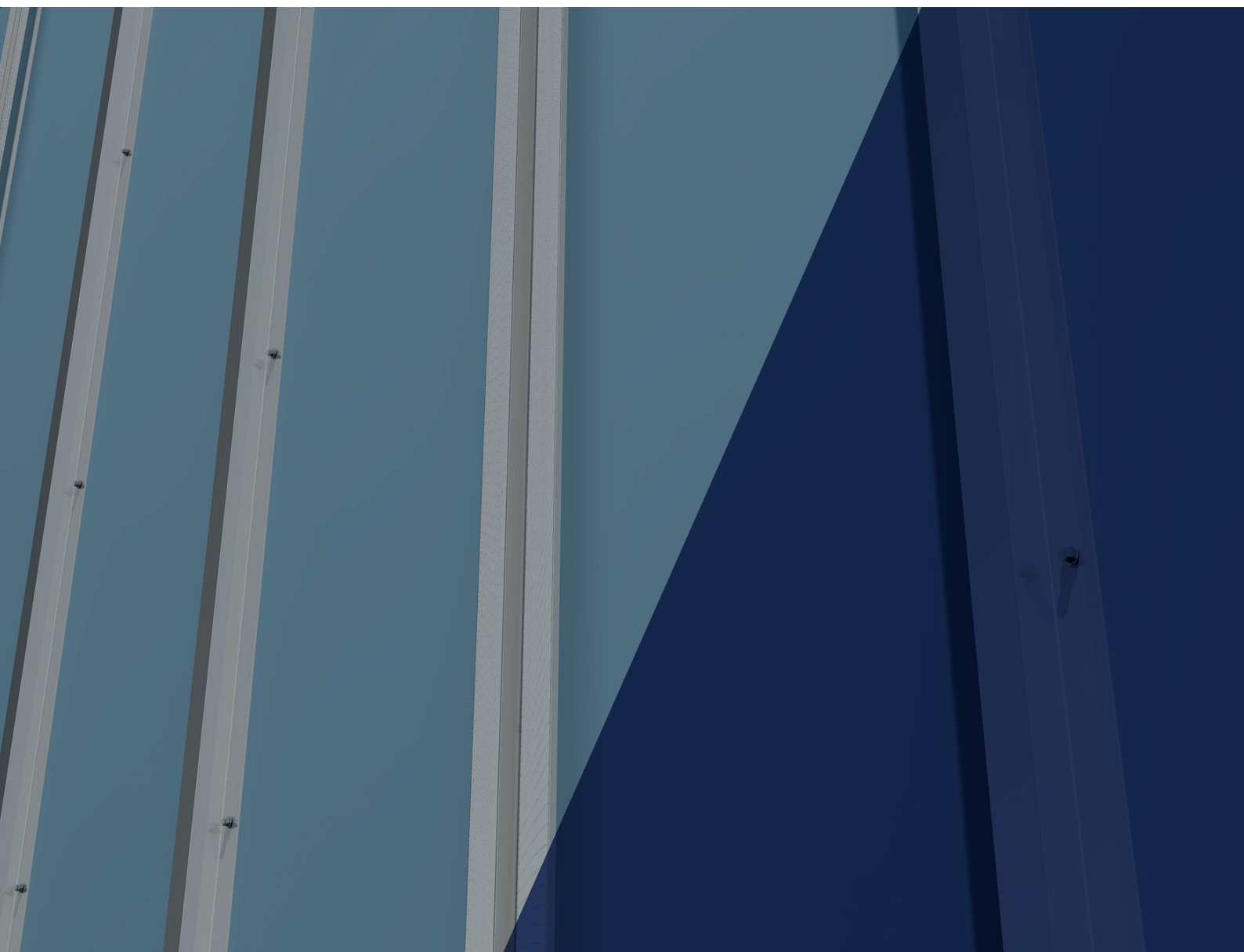
Site Handling

Components must be handled with care in order not to cause loss or damage. Should it be necessary to store the material on site for any length of time, it should be protected from the elements and the environment. A suitable storage area will need to be set aside, storage should be as near as practicable to the areas of working in order to minimise handling, damage and waste.

Maintenance Instructions

Aluminium profiles and façade accessories subjected to normal circumstances and proper cleaning and maintenance, are guaranteed a long-life span in excess of 35 years.

Contamination by concrete, mortar, cement and such, is extremely harmful and needs to be rinsed immediately with pure water.



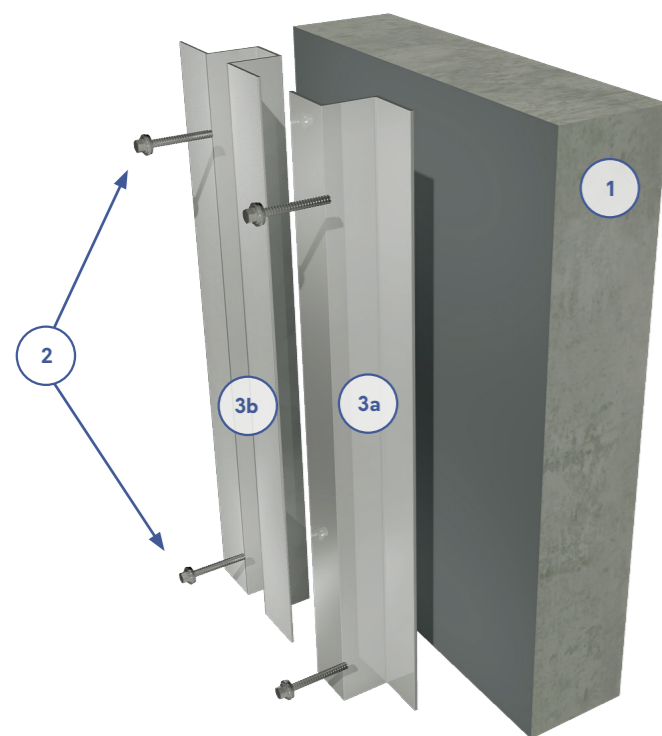
CS021 TECHNICAL GUIDE

CS021 SYSTEM OVERVIEW.

Clad-Sec CS021 framing system is designed to provide vertical support to most rainscreen cladding panels using the principle of a ventilated façade.

The Omega and Zed extruded rails are designed to be installed onto a continuous structural load bearing substrate to offer direct support to the cladding panels by face or adhesive fixing them.

It can also be used as a support to other framing systems such as our CS004 Mechanical Secret Fix or combined with CS031 & CS041, or another layer of CS021 Omega and Zeds to provide horizontally orientated support rails.



1. Primary Structure
(Concrete, Masonry, SFS or timber)
2. Primary Fixing
(varies dependent on Primary Structure)
3. CS021 Vertical Rail
(available as 3 or 6m lengths)
 - a. Zed Rail
 - b. Omega Rail

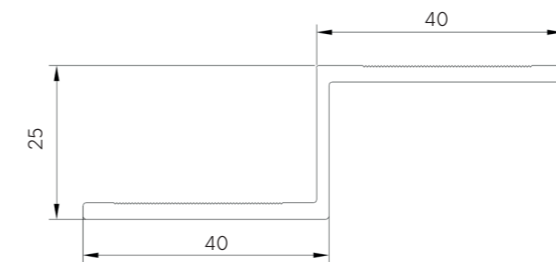
Cavity Range

STCS CS021 Omega and Zed rails are available in two depths to offer a continuous cavity of 25 or 40mm

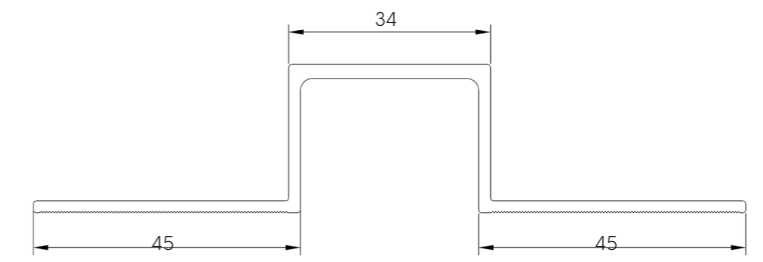
CS021 Rails

Extruded Alloy Grade 6005 T6

CS021 Rail Ref.	Description	Length (mm)
ZED25-3	"Zed" carrier rail	3000
ZED25-6	"Zed" carrier rail	6000
OM25-3	"Omega" carrier rail	3000
OM25-6	"Omega" carrier rail	6000
ZED40-3	"Zed" carrier rail	3000
ZED40-6	"Zed" carrier rail	6000
OM40-3	"Omega" carrier rail	3000
OM40-6	"Omega" carrier rail	6000



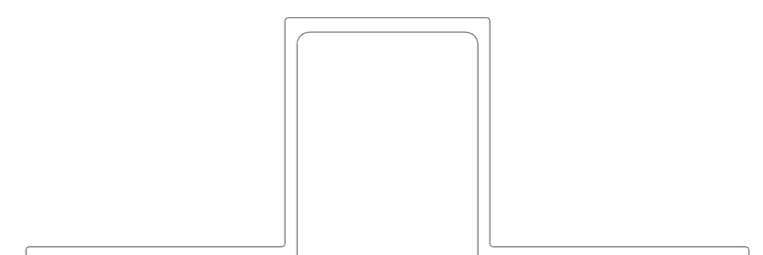
ZED25



OM25



ZED40



OM40

Design Considerations

Vertical Rails should be set out in accordance with the structural engineers' calculations or necessary building regulation.

Typically, rails are installed in lengths to suit individual storey height or panel height module.

Omega rail sections generally provide vertical support at panel joints and Zed rail sections provide vertical support for intermediate fixing and corner/reveal support.

There must be a minimum 10mm gap between the ends of adjacent rails to allow for expansion and cladding panels should never be fixed to two adjacent rails across the expansion gap.

Vertical rails must not span across and be fixed to the other side of a stud wall floor deflection head or building movement joint.

For ease of lining and levelling rails start from a predetermined datum line corner/opening or return.

CS021 aluminum rails must be isolated from cementitious surfaces and/or other metals when there is risk of bimetallic corrosion or thermal bridging.

Installation procedure

For speed of installation, it is recommended that the primary fixing holes are pre-drilled on each rail prior to the assembly on site centrally to the rear face.

1. Check vertical wall plumb and use packing shims (max. 10mm) as required to level the face of the rails.
2. The centre line of the Omega rail is usually set at the centre of the vertical panel to panel joint. Rainscreen cladding fixings should be positioned close to the centre line of front face of the Zed/Omega rail legs.
3. Fix the vertical rails using the specified primary fixing and continue installation of rails following the same procedure as above to complete the sub grid.

Note: The type, size and spacing of the primary fixings will be determined by the dynamic and dead loading on the rainscreen system.

4. When completed and before commencing cladding panel installation, final checks should be carried out on:
 - a. Level and plumb of vertical rail
 - b. Correct torque load applied to primary anchors as recommended by fixing manufacturer.
5. Proceed with cladding panel installation following cladding manufacturer guidelines.

Delivery and Packaging

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Site Handling

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Maintenance Instructions

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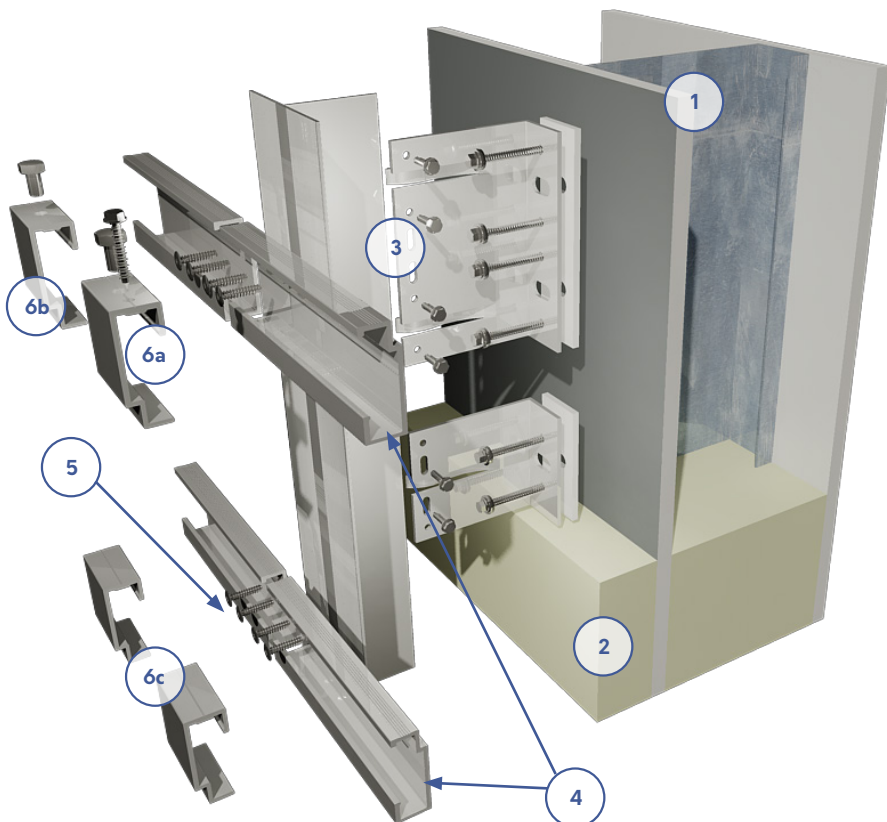
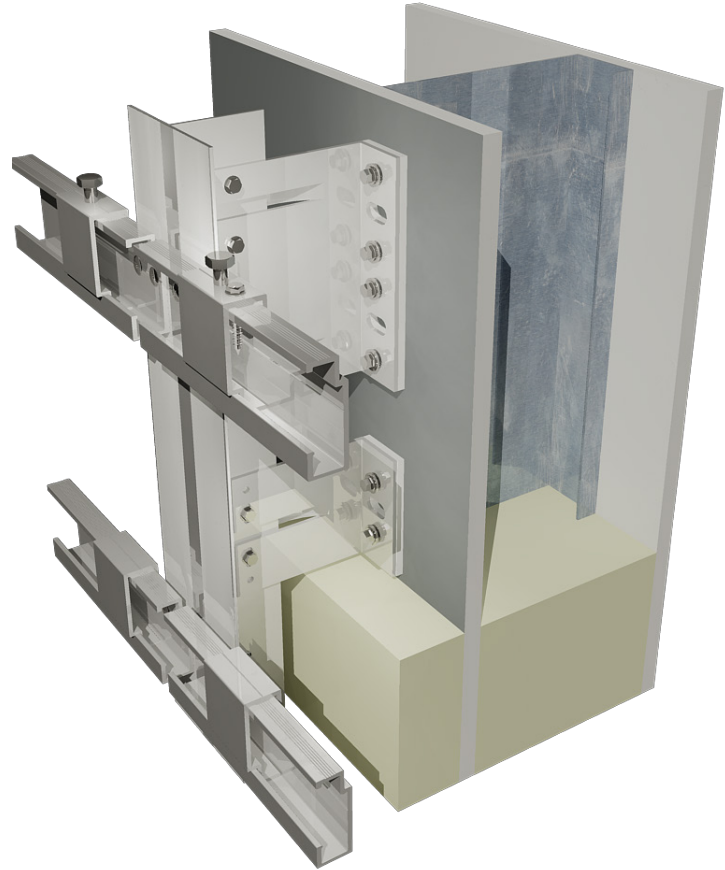


CS004
TECHNICAL
GUIDE

CS004 SYSTEM OVERVIEW

Clad-Sec CS004 framing system is designed to provide a mechanical secret fix support to most rainscreen cladding panels using the principle of a ventilated façade.

CS004 MSF can be installed onto our CS031 Helping Hand, CS041 Floor to Floor or CS021 Omega & Zed system offering design freedom to suit project specific thermal and structural demands and variation in cavity depths.



1. Primary Structure
(Concrete, Masonry, SFS or timber)
2. Insulation
3. CS031 Helping Hand System
(Refer to relevant technical guide)
4. CS004 Horizontal Carrier Rail
5. LT3-5.5x25mm Low profile TEK Screws
(2no. per intersection)
6. CS004 Panel Hangers
 - a. Adjustable/Fix Panel Hanger
 - b. Adjustable Panel Hanger
 - c. Standard Panel Hanger

Cavity Range

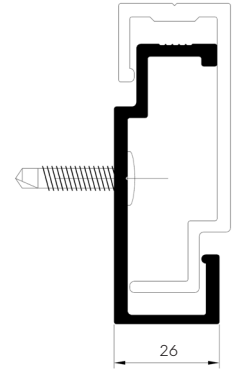
An increase of 26mm would need to be added to framing support system cavity to allow for Clad-Sec CS004 Panel hangers and Horizontal Carrier Rail.

CS004 Horizontal Carrier Rail and Hangers

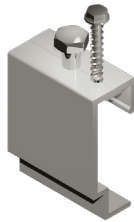
Extruded Alloy Grade 6005A T6

CS004 Ref.	Description	Length (mm)
CS004Rail-3	Horizontal carrier rail	3000
CS004Rail-6	Horizontal carrier rail	6000
CS004HA__*	Adjustable Hanger	50
CS004HF__*	Adjustable Fixed Hanger	50
CS004HS__*	Standard Hanger	50

* The last 3 or 4 digits refer to the hanger configuration, see below.



CS004HA



CS004HF



CS004HS



CS004 Rail- 3/6

CS004 Panel Hangers are available as standard with the following configurations:

- 50A - 2xØ7mm holes @ 30mm
- KE50 - Square Hole 10.2mm (Eternit Keil Anchor)
- K50 - Hex Hole 9.2mm (Keil Anchor)



CS004HS50A



CS004HSKE50



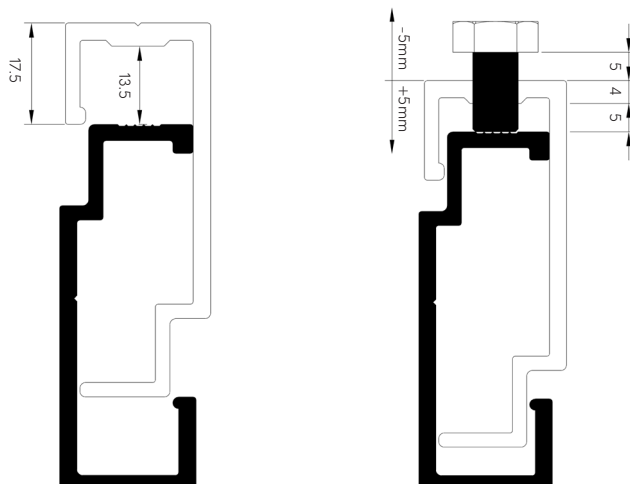
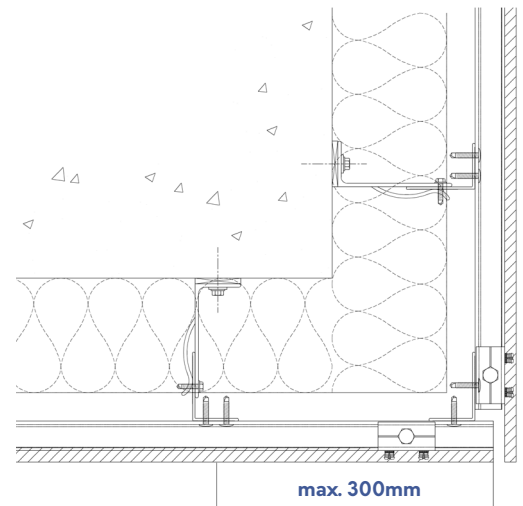
CS004HSK50

Design Considerations

The ends of any CS004 horizontal carrier rail unsupported cantilever should be $\leq 150\text{mm}$.

At building corner locations, HCR cantilever can be increased up to max. 300mm and must be strapped to adjacent HCR using an "L" rail angle such as CS031 60x40 L Rail.

CS004 HCR must not span across and be fixed to the other side of a building movement joint.



Adjustable panel hangers allow for a 10mm adjustment.

A lift of 17.5mm will allow the panel hanger to clear the horizontal rail.

Therefore, we advise a minimum of 25mm clearance gap for ease of installation.

A minimum vertical distance of 91mm from fixings between vertically spaced brackets is required for installation of the panel.

If adjustable bolt raises the panel over the allowable limit, remove panel and adjust HCR to suit.

Horizontal Rails Installation

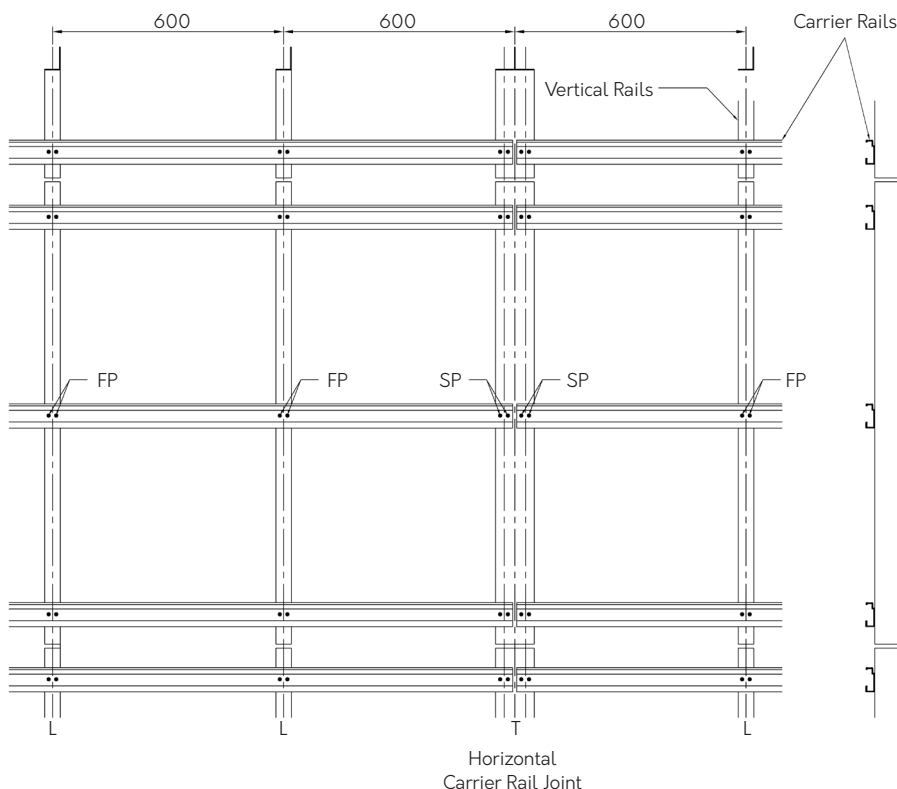
The horizontal cladding rails are fixed onto the vertical sub-frame and should align with CS004 hangers fitted to the rear face of the panel.

CS004 Horizontal Carrier Rails (HCR) are supplied in 3.0 and/or 6.0m lengths. Generally, these are installed in max. 3m lengths and cut to suit panel widths.

1. Layout position of the HCR by projecting horizontal datum lines across the elevation and mark position on to the vertical rails.
2. Secure the cladding rails to the vertical substructure with 2no. low profile self-drilling 5.5 x 25mm screws per intersection or as dictated by structural calculations.
 - a. Fixing HCR to L rail (intermediate / end of rails) - all double fix point
 - b. Fixing HCR ends to T rail (HCR joint) - all double sliding points drilling Ø10mm holes in HCR only.

Each HCR must be level and parallel to the others. Any joints between adjacent rails should be set at a minimum of 10mm for expansion.

Note: Refer to the project design drawings for horizontal cladding rail spacing and position in relation to the approved rainscreen panel layout drawings. The location of the cladding rails and panel hangers is subject to the structural loading, type and weight of the panel and the system application.



Guideline CS004 HCR Set out

- FP- Fixed point
- SP - Sliding Point

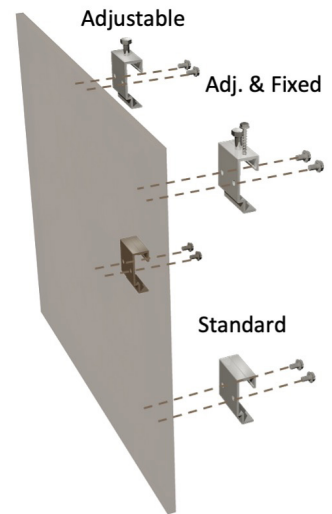
Panel Hanger Installation

Cladding panels are usually supplied flat packed from the factory, fully fabricated and ready for the attachment of the panel hanger brackets and required fixings.

1. Layout each panel in turn and select the correct hanger type for the corresponding location on the panel following panel manufacturer's recommendations.

Generally, the top row consists of Adjustable Panel Hangers to level and adjust the height of the panel with one Fixed/Adjustable Hanger to lock the panel in place closer to the centre. All others to be Standard Panel Hangers.

2. Attach each panel hanger using recommended board anchor/fixing and torque load following manufacturer's instructions.

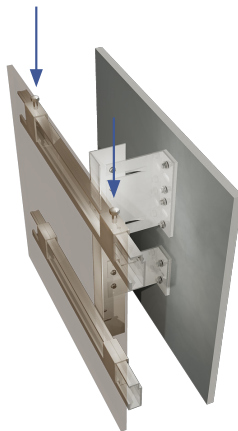


Cladding Panel Installation (General)

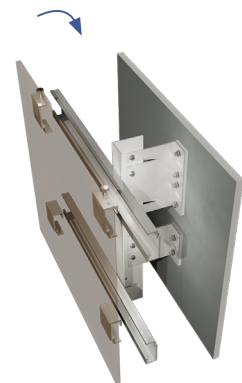
CS004 Mechanical Secret Fix is a hook-on system with fine level adjustment required to the top row of panel hangers and as such is required to be installed in sequence standard left to right from ground floor upwards.

Before proceeding with panel installation, check horizontal carrier rail set out in relation to panel hanger positions.

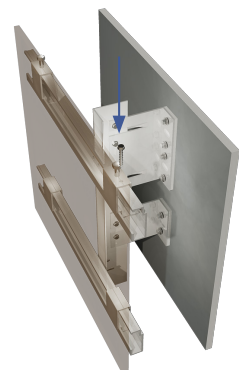
1. Lift the panel up into place so each panel hanger is hooked onto the horizontal carrier rail.



2. Position the panel in its final location and using a suitable ratchet spanner adjust the M8 x 14mm hexagonal machine screw located in the top of the adjustable hanger and the adjustable/fixed hanger.



3. Once the panel is levelled and recommended joint width is set, insert a TEK Screw 5.5 x 35 mm into the pilot hole in the top of the adjustable/fixed hanger. This will lock the panels onto the Horizontal Cladding Rail and prevent them from moving horizontally along the rails.



Delivery and Packaging

Most deliveries are made by standard courier unless specific vehicles are requested (For 6m lengths a rigid sided or larger lorry may be required).

All products leaving our works are packed in a manner to ensure safe delivery to site. This entails protection by shrink-wrapping and strapping, and with delivery on suitably sized pallets, frames, crates, bundles, or boxes. These normally contain a maximum of 1200kg for pallets and 35kg for non-palletised items for safe handling on site. It should be noted that it is the customers' responsibility to ensure safe unloading of delivery vehicles.

Pallets are made suitable for forklift off-load only as standard. If pallets are required for craning off-load, maximum loading and size must be advised at the time of ordering.

Site Handling

Components must be handled with care in order not to cause loss or damage. Should it be necessary to store the material on site for any length of time, it should be protected from the elements and the environment. A suitable storage area will need to be set aside, storage should be as near as possible to the areas of working in order to minimise handling, damage and waste.

Maintenance Instructions

Aluminium profiles and façade accessories subjected to normal circumstances and proper cleaning and maintenance, are guaranteed a long-life span in excess of 35 years.

Contamination by concrete, mortar, cement and such, is extremely harmful and needs to be rinsed immediately with pure water.



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