



**ISO
CLAD**
The panel of choice

Firestop Pro

Fire-rated wall panels

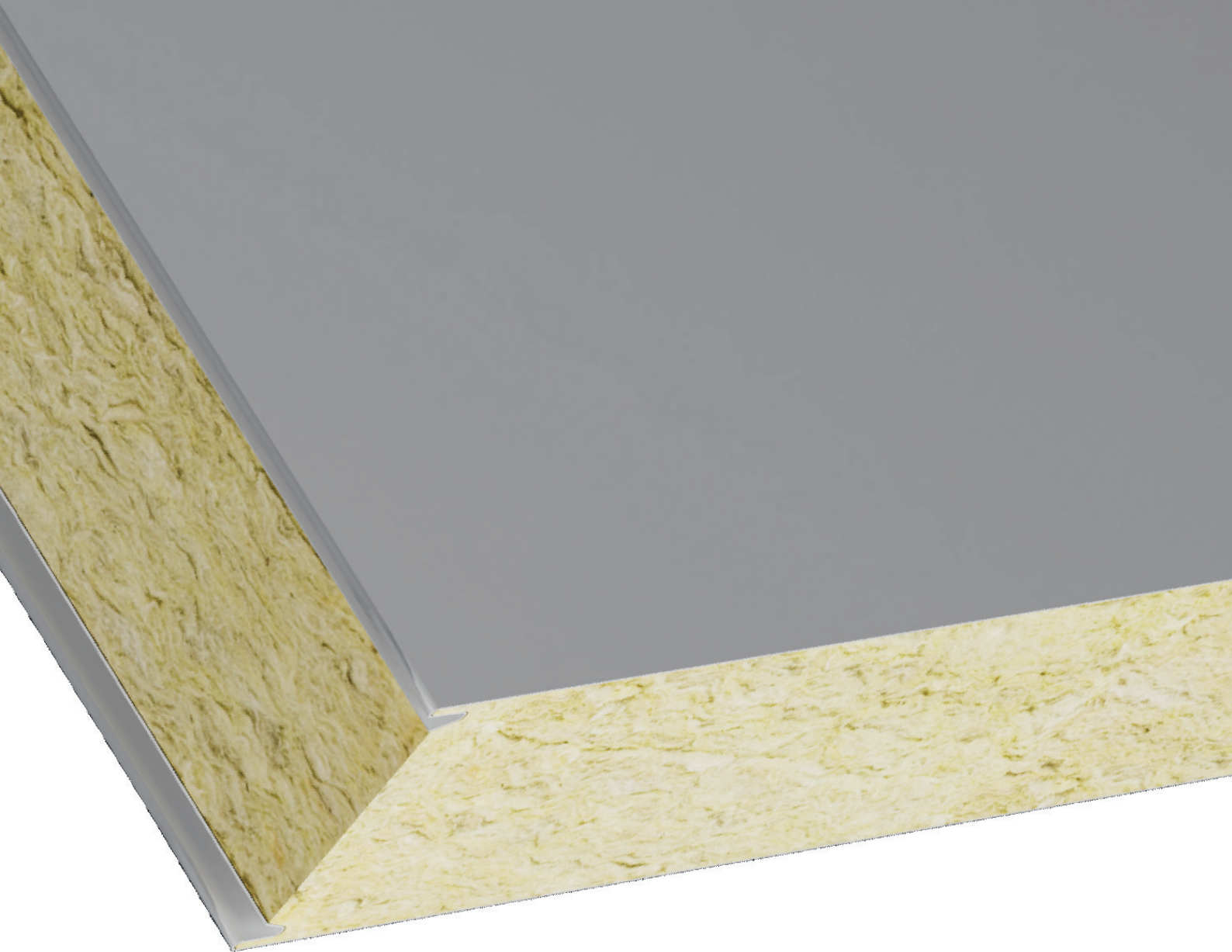


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Structural Performance

Strength and efficiency built in

Firestop Pro panels are built to deliver dependable strength and stability across a range of spans, while speeding up installation in comparison with traditional building methods. Suitable for both new build and retrofit projects, they help reduce building time on site without compromising performance or quality.

Built on tested performance

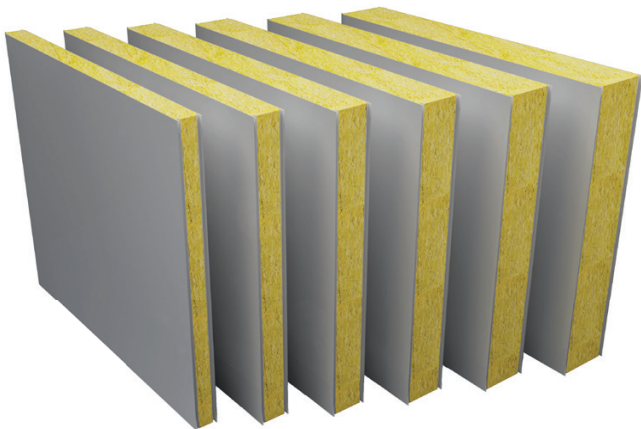
Firestop Pro panels are manufactured to EN 14509:2013 and deliver dependable structural performance across a range of panel thicknesses. Every production batch is carefully tested, and quality checked to maintain consistent standards throughout the manufacturing process. This approach ensures every panel delivered meets the high levels of quality, safety, and structural integrity your project depends on.

Support when you need it

When performance matters, Firestop Pro panels help you keep your project moving. Our team is on hand with clear advice, technical support and practical guidance, so you can feel confident you are choosing the right solution from day one.

Firestop Pro

Firestop Pro is a high-performance non-combustible wall panel for demanding industrial, retail and infrastructure projects. Built for trusted fire protection and efficient installation.



100-200mm thickness
1190mm standard width

Euroclass A2-s1, d0 ⁽¹⁾

Custom colours,
facings & profiles

3-7 day lead time ⁽²⁾

Firestop Pro technical performance

Panel thickness	Test results			
	U-Value	R-Value	Weight ⁽²⁾	Sound reduction
	Wm ⁻² K ⁻¹	m ² KW ⁻¹	kg/m ²	dB
100mm	0.412	2.429	20.090	36
125mm	/	/	23.090	/
150mm	0.283	3.536	26.090	40
175mm	0.244	4.102	29.090	43
200mm	0.214	4.675	32.090	45

(1) With specific steel skins.
(2) Lead times are dependent on order quantity and selected steel type.
(3) Panel weights based on 0.5mm gauge steel to both faces.

Product tolerances as per EN 14509 ⁽⁴⁾					
Length (L)	Cover width (W)	Thickness (D)	Squareness	Flatness	Joint gap
L ≤ 3m ± 5mm	± 2mm	D ≤ 100m ± 2mm	0.006 x nominal cover width	1.5mm from the theoretical flat plane over 700mm	+3mm / -0mm
L ≥ 3m - ± 10mm		D ≥ 100m ± 2 %			

(4) Product is produced strictly to EN 14509:2013 manufacturing tolerances.

Firestop Pro | Fire Ratings & Spans

Fire ratings and maximum recommended spans

Thickness	Orientation	Fire rating	Max Span (m)
100mm	V	EI60	7.5
100mm	V	EI90	7.5
100mm	V	EI120	3
125mm	V	EI60	7.5
125mm	V	EI90	7.5
125mm	V	EI120	3
150mm	V	EI60	7.5
150mm	V	EI90	7.5
150mm	V	EI120	7.5
175mm	V	EI60	7.5
175mm	V	EI90	7.5
175mm	V	EI120	7.5
200mm	V	EI60	7.5
200mm	V	EI90	7.5
200mm	V	EI120	7.5
100mm	H	EI60	7.5
100mm	H	EI90	6
125mm	H	EI60	7.5
125mm	H	EI90	6
150mm	H	EI60	7.5
150mm	H	EI90	6
175mm	H	EI60	7.5
175mm	H	EI90	6
200mm	H	EI60	7.5
200mm	H	EI90	6

• Please view 'Fixing Quantity Calculator For Fire Rated Spans' to ensure your design is certified.

Firestop Pro | Fire Ratings & Spans

Fixing Quantity Calculator For Fire Rated Spans

100-149mm thick panels						
Panel span	3m	4m	5m	6m	7m	7.5m
Fixings required from flashing into both faces of 1190mm wide panel at head and base	4	6	7	8	10	10
Fixings required from flashing into substrate per 1190mm panel at head and base	2	3	4	5	5	5

Fixing Quantity Calculator For Fire Rated Spans

150-200mm thick panels						
Panel span	3m	4m	5m	6m	7m	7.5m
Fixings required from flashing into both faces of 1190mm wide panel at head and base	2	3	4	5	5	5
Fixings required from flashing into substrate per 1190mm panel at head and base	2	3	4	5	5	5

Maximum recommended structural spans

Firestop Pro panel thickness and maximum span				
100mm	125mm	150mm	175mm	200mm
8.3m	8.3m	11.2m	11.2m	11.2m

• Maximum spans calculated with a 0.2 kN/m² UDL. Contact Technical for load tables if required.



Design for a colourful future

GreenCoat® from SSAB

Steel plays a vital role in the built environment, and SSAB is a global leader in premium steel solutions. The company is driving innovation across the industry, developing steels with near-zero fossil CO₂ emissions to support a more sustainable future.

GreenCoat is SSAB's range of colour-coated steel products developed specifically for the construction market. Widely used in architectural applications, GreenCoat offers a broad choice of colours and coatings designed for durability and long-term performance. A key feature of the range is the use of Swedish rapeseed oil within the paint system, replacing traditional fossil-based oils to reduce environmental impact.

SSAB Zero™ is the world's first commercial steel made from 100 percent recycled steel, produced using fossil-free electricity, biocarbon and biogas. Paired with the GreenCoat paint system, it reduces carbon impact while maintaining the performance and durability required for construction, supporting ESG objectives and lower Scope 3 emissions.

- ▶ GreenCoat® uses Swedish rapeseed oil for a lower environmental impact.
- ▶ SSAB Zero™ is made from 100% recycled steel using fossil-free energy.
- ▶ Both finishes provide outstanding resistance to UV, corrosion and wear.
- ▶ GreenCoat® and SSAB Zero™ support ESG goals and low-carbon procurement.

GREENCOAT®
COLORFUL STEEL

Colorcoat® pre-finished steel

Durable and guaranteed performance

For 60 years Tata Steel has developed a range of technically leading Colorcoat® pre-finished steel products which have been comprehensively tested and manufactured to the highest quality standards.

The Colorcoat® portfolio, including Colorcoat Ultra®, Colorcoat® and Advantica® L Control, are designed to perform in demanding environments. These advanced pre-finished steel products provide longevity and durability over the life of the building.

Colorcoat is a registered trademark of TATA Steel UK.

All Colorcoat® products are certified to BES 6001 Responsible Sourcing standard.

Both Colorcoat Prisma® and Colorcoat HPS200 Ultra® have published Environmental Product Declarations (EPD's) that comply with EN 15804 and ISO 14025. For more information, please see dedicated Colorcoat® product literature.

Proven pre-finished steel technology trusted worldwide.

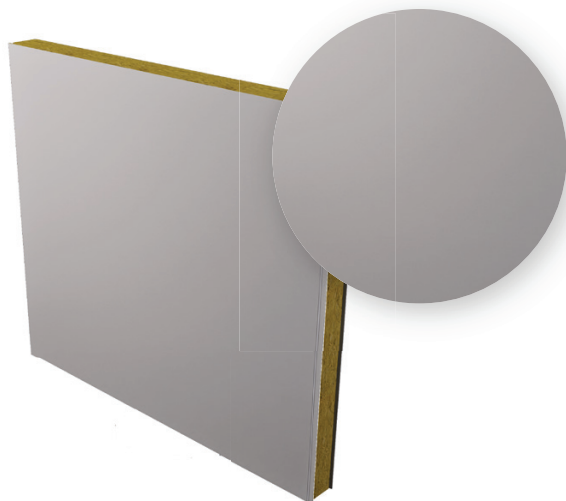
Designed to resist corrosion and UV.

Responsibly sourced under BES 6001 accreditation.

Backed by long-term performance guarantees for peace of mind.

Panel Profiles

Each Firestop Pro panel profile is engineered for precision, strength and consistent performance. Choose the design that best fits your application and finish requirements.

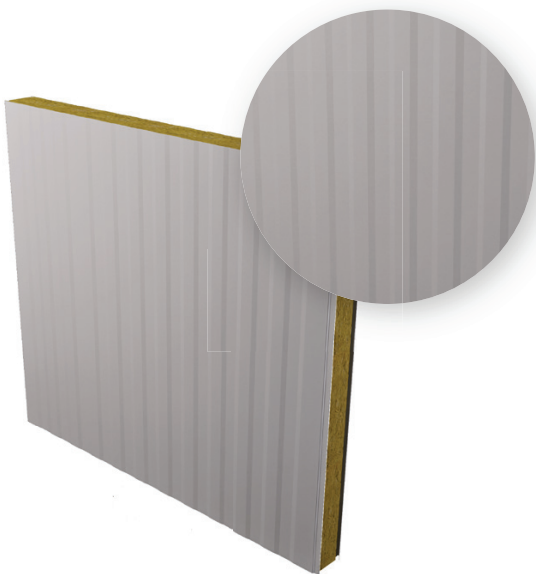


Flat profile



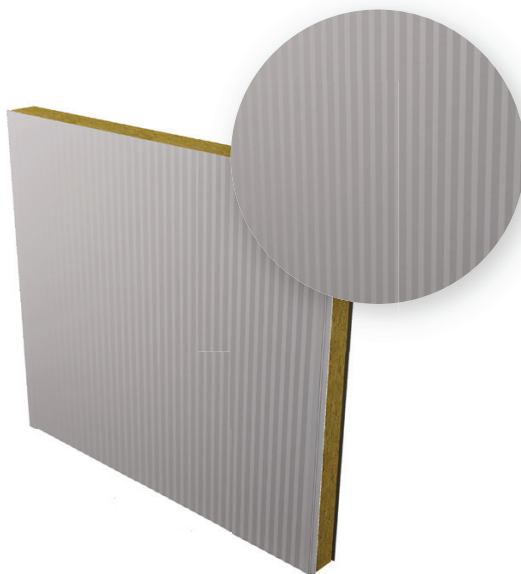
V-rib profile

Pitch 200mm - 5 per panel
Nominally 1mm deep



Castellation profile

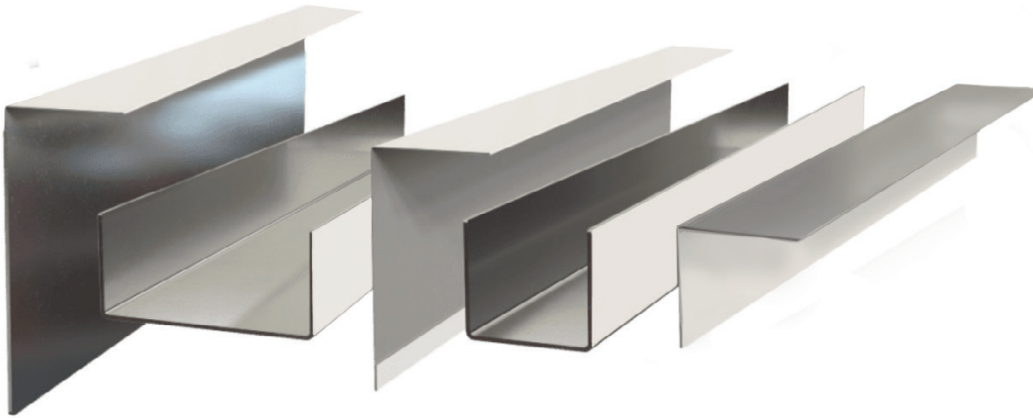
Pitch 100mm
Nominally 1mm deep



Micro-rib profile

Pitch 30mm - 1 side only
Nominally 1mm deep

Flashings and Trims



Finishing every detail

To get the best performance from Firestop Pro panels every junction needs to be finished with precision made flashings. That's why we provide a full range of flashings and trims designed to integrate seamlessly with Firestop Pro walls. Produced from high-quality steel, our flashings can be made to custom shapes and profiles, with options for powder coating or colour matching.

Types of flashings

- Internal angle** – neat finish for inside corners
- External angle** – clean protection for outside corners
- Internal channel** – closes junctions at panel junctions
- Offset channel** – stepped profile for alignment
- Z shape flashing** – versatile profile for returns and junctions
- Galvanised angles** – durable concealed reinforcement
- Cover strip** – seals vertical or horizontal joints
- Bespoke flashings** – custom profiles to your requirements

CustomClad

Built around your project

Every project comes with its own challenges. CustomClad is designed to remove them.

CustomClad helps reduce time on site by preparing panels around your project before they arrive. From apertures and doorways to flashings and finishing details, every element is planned to support a cleaner, more efficient installation.



Made to your dimensions

Doorways, side cuts and apertures all available through CustomClad.



Precision finishing, made to fit

Flashings fitted around apertures and doorways with mitred or notched finishes, manufactured to suit your project.



Ready for installation

Panels palletised in install order, labelled and protected with Corex to support your project.



What we can do

Whether you need simple cut panels or a fully bespoke layout with multiple apertures and details, we work with you to make sure everything is ready before it reaches site.

 Panel lengths From 150mm up to 13,500mm	 Apertures From 70mm x 70mm and upwards
 Side cuts From 50mm and above, with or without the joint	 Doorways Cut to your required size, with a minimum 50mm retained around the panel edge
 Circular holes Cut up to 152mm diameter	 Sloped panels And notched cut-outs available

Finishing with CustomClad

- Flashings fitted around apertures and doorways with a mitred or notched finish
- Standard flashing length up to 3000mm, with flexibility on longer lengths
- 0.5mm and 0.7mm flashings supplied with safety edges
- Plain galvanised steel or powder coated finishes available

Lead times

We aim for a 2-week lead time on CustomClad orders. Timings will depend on the detail and complexity of your project. Please contact us for an accurate lead time.

Support that keeps things moving

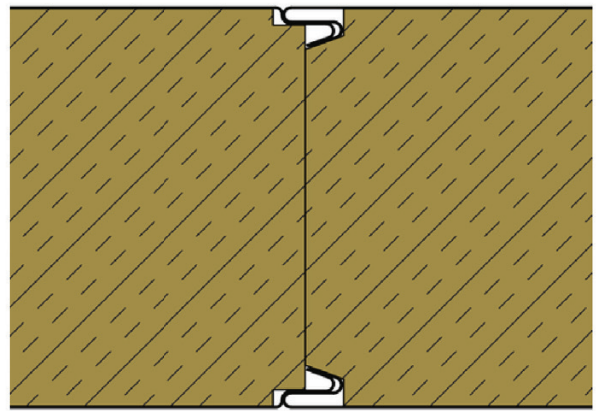
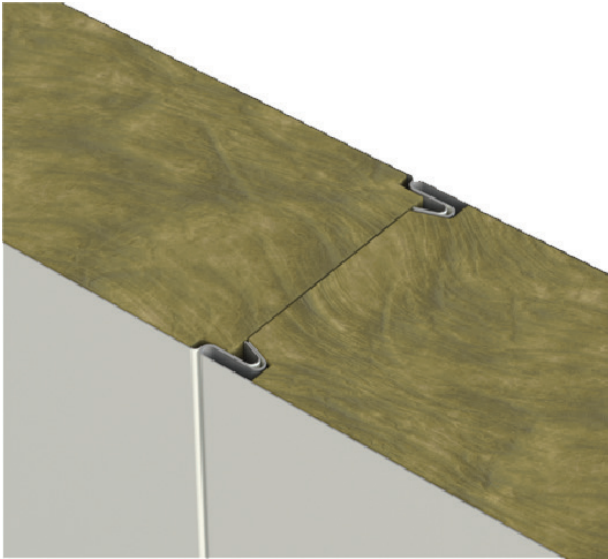
CustomClad is about more than cutting panels. It's about making installation easier, reducing risk, and helping you deliver on time.

Speak to our team about your project. We're here to help you find the right fit.

System Details

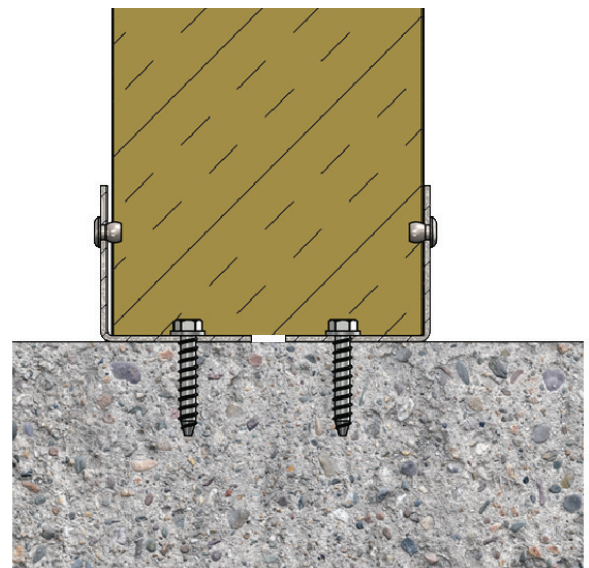
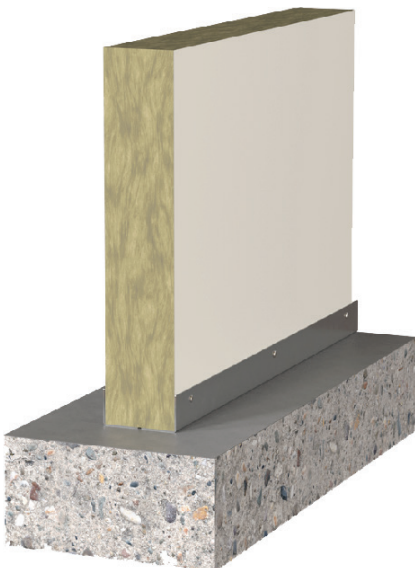
Vertical joint detail

FS-I-V-001A



Vertical base detail

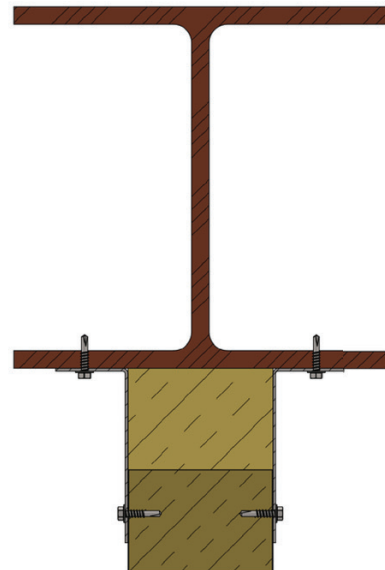
FS-I-V-003A



System Details

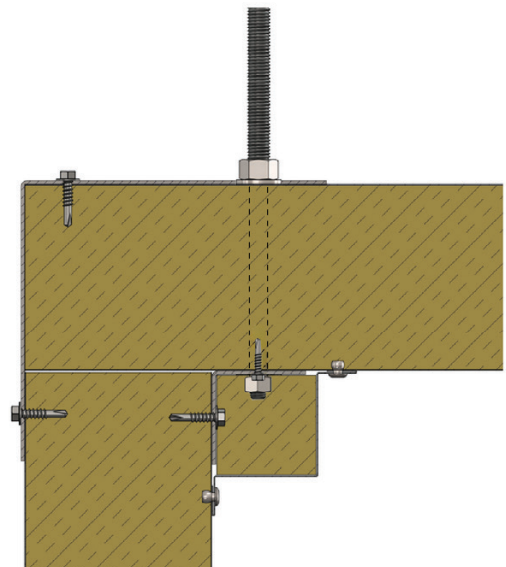
Vertical head detail

FS-I-V-002A



Wall / ceiling junction

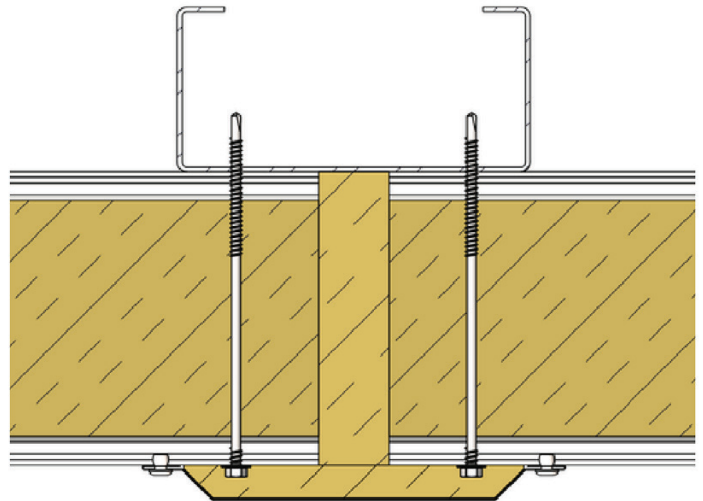
FS-I-V-008A



System Details

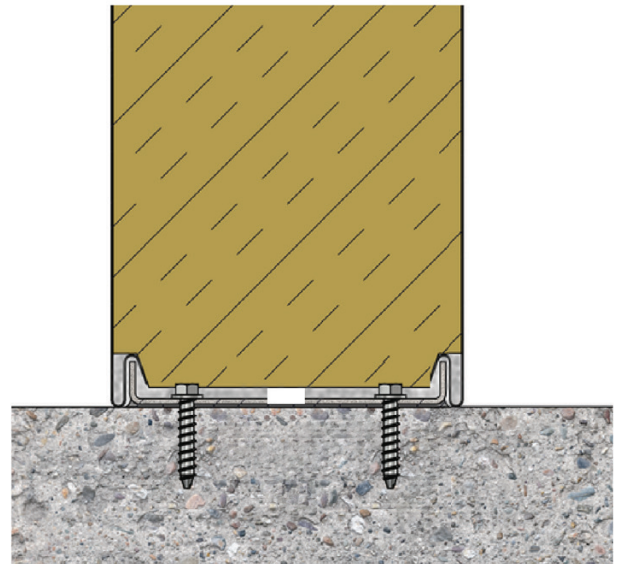
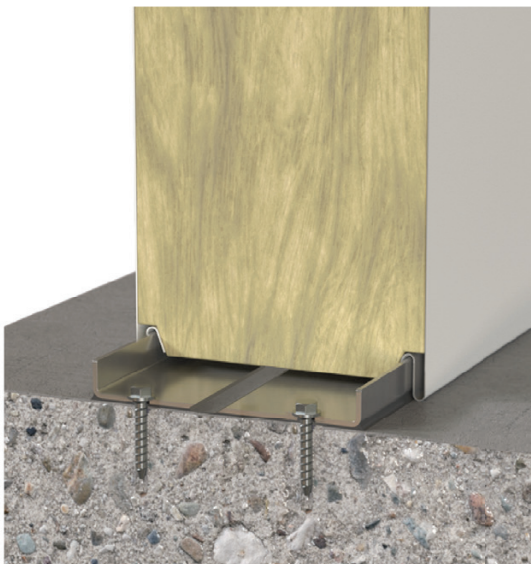
Horizontal panel vertical joint detail

FS-I-H-008A



Horizontal base detail

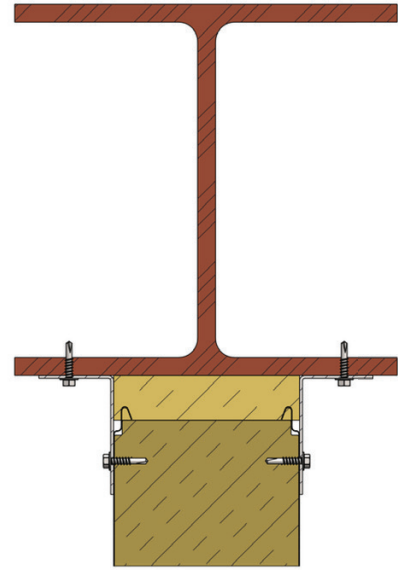
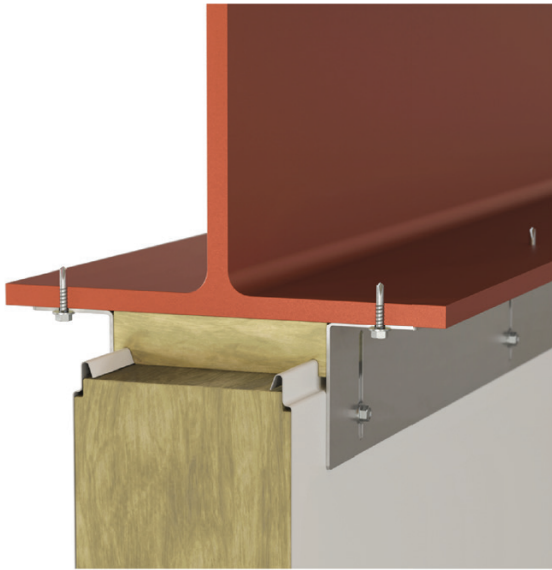
FS-I-H-003A



System Details

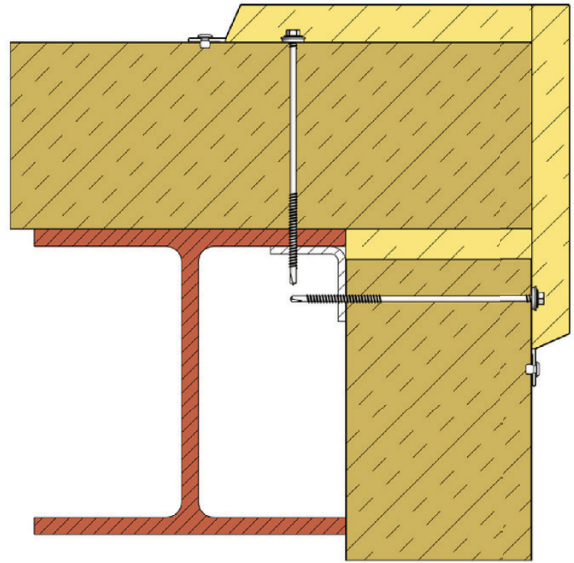
Horizontal head detail

FS-I-H-002A



Horizontal corner detail

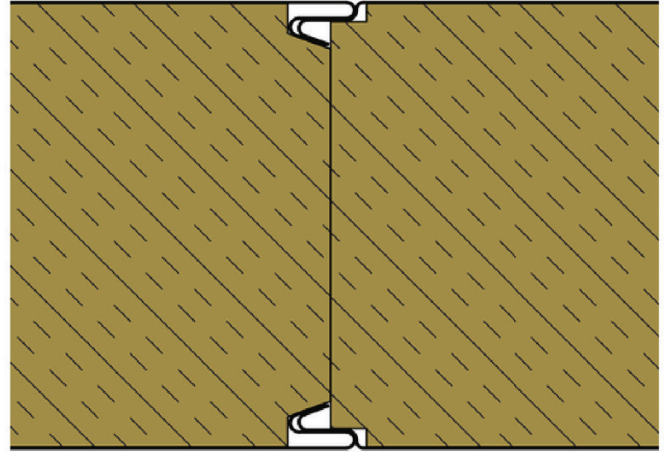
FS-I-H-004A



System Details

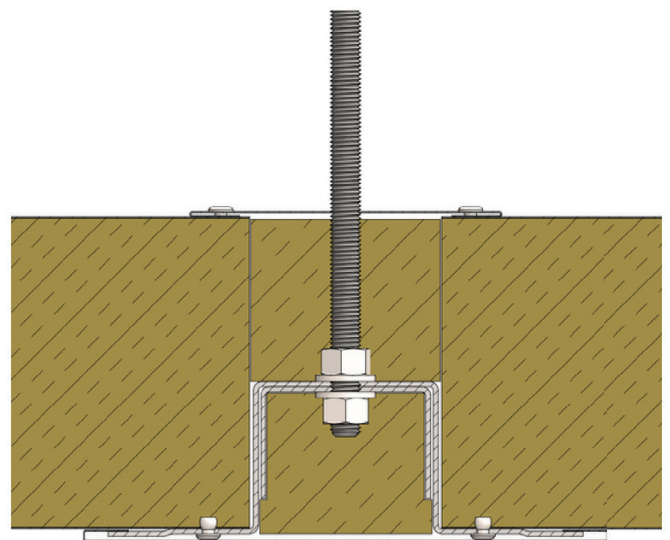
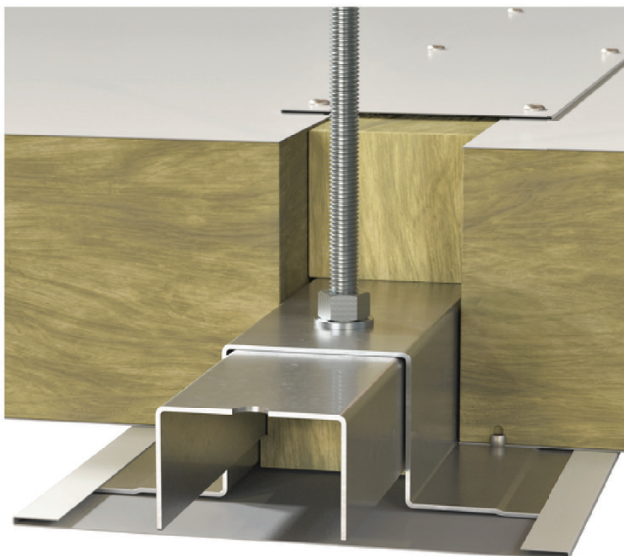
Ceiling joint detail

FS-I-C-001A



Ceiling top hat detail

FS-I-C-005A



Ceiling top hat detail is supplied by others.



Get in touch with us

Our team is here to help with everything from product selection to technical support. Whether you're planning a new build or upgrading existing facilities, we'll make sure you get the right panel solution for your project.

Talk to our team



0191 258 5052



sales@isoclad.co.uk



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for data sheets,
certifications and
more resources.**