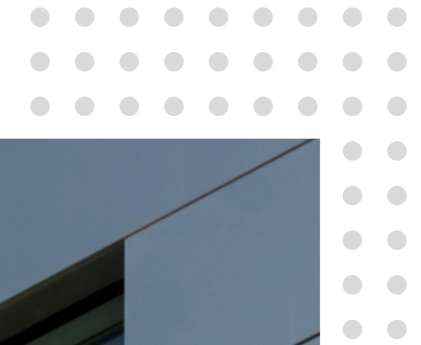


Contact Details:

T: +(44) 1732 822 387  
E: sales@fixfast.com  
W: fixfast.com

PRODUCT FOCUS



Maximum reliability. Minimum fuss.



Certificate Number 10805  
ISO 9001, ISO 14001, ISO 45001

# Façade Support Systems



Complete flexibility. Complete confidence. Complete service.



Fixfast is a manufacturer and supplier of quality fasteners and components for the building envelope.

We are recognised as a market leader and as the reliable source of these products to manufacturers of building envelope systems, and to the specialist contractors that install them.

The Fixfast façade support package gives façade contractors and installers complete design flexibility and complete confidence – in its engineering and its compliance.

- + Optimised for simplicity, speed and strength, and available with all the required components
- + An engineered system of high-performance brackets and rails that works with any substrate, panel or rainscreen material, and allows for any installation configuration. Put simply, it works in any application
- + As you would expect from Fixfast, it meets all necessary standards and compliance requirements
- + A system that brings value to installations thanks to the cost of the system itself, and through efficiencies when your installers are on site
- + And it's backed up by exceptional levels of technical support and customer service from Fixfast

**We are setting a new standard for the attachment of façades with the Fixfast façade support package.**

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# The Complete Package

1

**Innovative support system:**

Brackets and rails designed for high performance, design flexibility, and efficient installation

2

**Certified fasteners and anchors:**

All fixing components are manufactured from high quality corrosion resistant materials for long-term durability, strength, and ultimately, peace of mind

3

**Full project support:**

Expect Fixfast-grade customer service across your entire project, from tender to installation

4

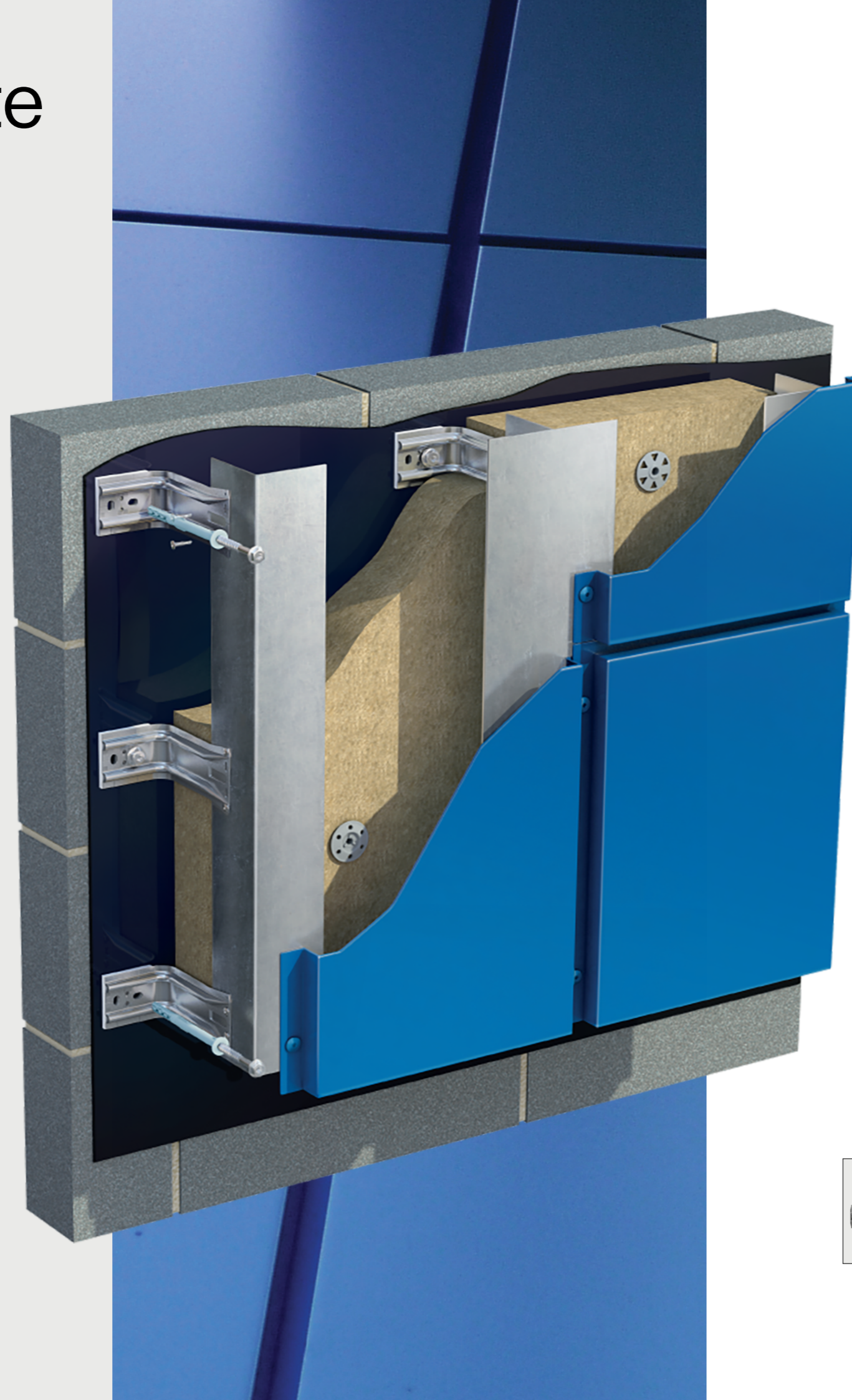
**Reliable technical advice:**

Our technical teams undertake all the calculations and drawings you need quickly and accurately, and provide you with technical advice you can trust

5

**Fast turnaround:**

A timely response on indicative costs, schematic drawings and quotes, and prompt on-site delivery - we have the set-up you need to keep your project moving



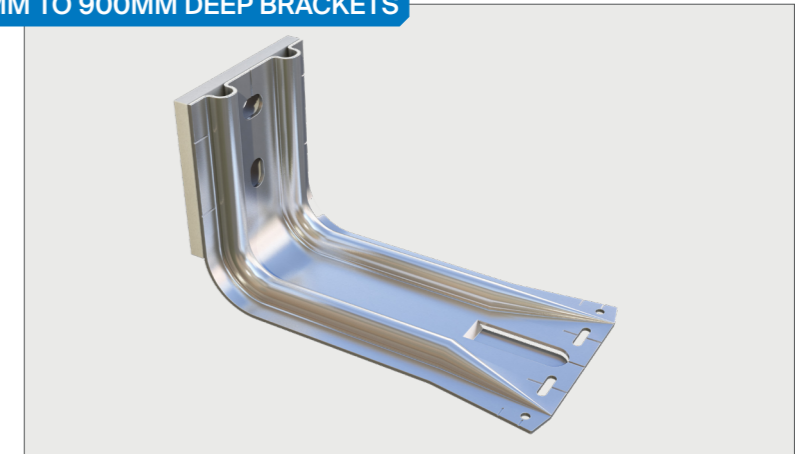
**Highly versatile:** The bracket and rail system can be configured for any rainscreen façade project – including sloping façades and curved structures. It is suitable for any substrate, cladding material or insulation thickness. As well as accommodating both vertical and horizontal installation configurations, the system can also be used in soffit applications

**Third-party accredited:** The Fixfast facade support system is manufactured to all current regulations and standards including EN1090, ISO9001 and ISO14001

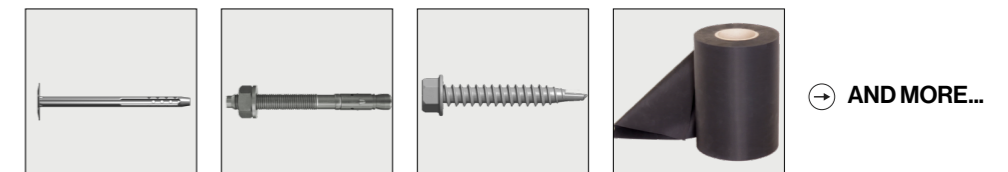
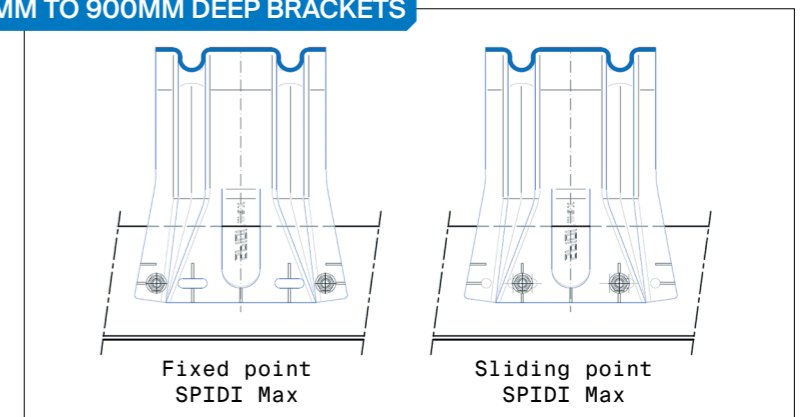
**Speed of installation:** The system is configured to ensure quick and easy installation while maintaining the accuracy required for structural security

**Cost effective:** Thanks to the strength of the unique patented bracket design, potentially fewer brackets are needed per square meter – ensuring maximum quality and performance for minimum cost

65MM TO 900MM DEEP BRACKETS



65MM TO 900MM DEEP BRACKETS





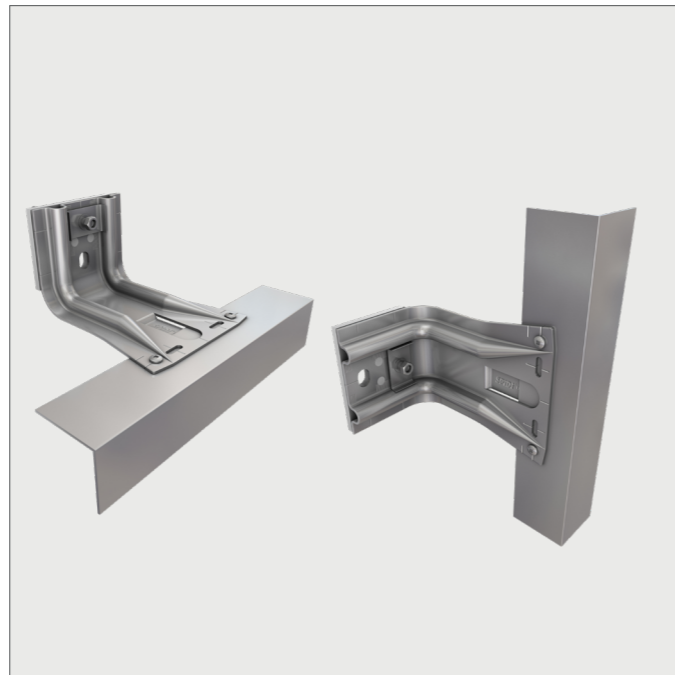
## Complete Flexibility: A system for any application

### SPIDI® max brackets – outstanding simplicity and outstanding performance. The flexible all-rounder, at a glance:

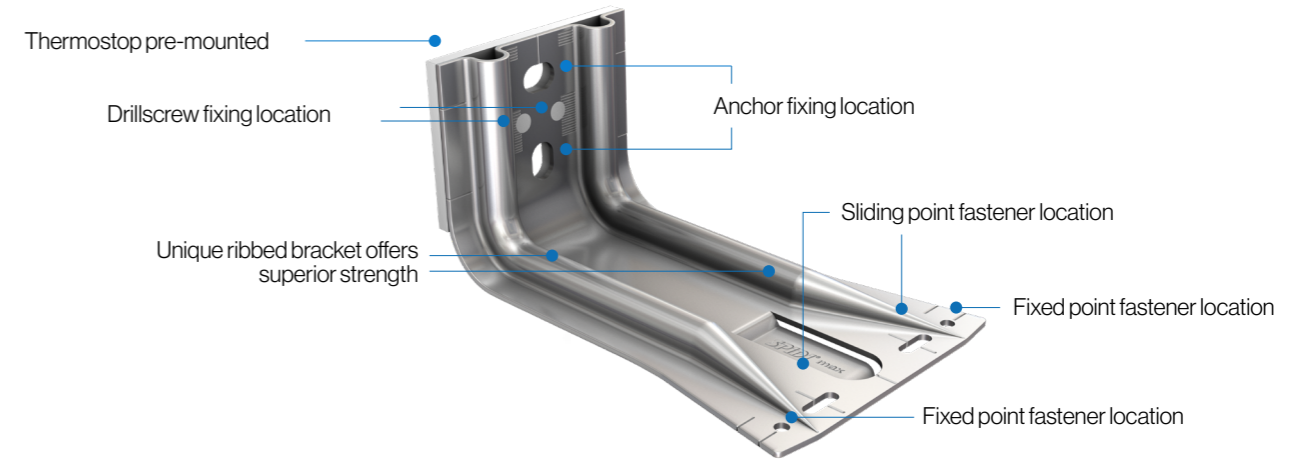
- + SPIDI® max offers maximum flexibility in terms of fixing to different substrates and the attachment of different rainscreen materials
- + One bracket design: can be used for vertical and horizontal installation configurations
- + One bracket design: engineered for both fixed and sliding points
- + One bracket design: all challenges solved, simplifying your material selection and on-site installation management
- + SPIDI® max can be used for wall cladding, soffits or ceilings
- + SPIDI® max brackets are available in a range of sizes to allow for contoured elevations and to accommodate a range of cladding zone/cavity depths – from 80mm to 946mm
- + We can supply them in aluminium, or stainless steel – so you're covered for whatever rainscreen you're fitting
- + The unique ribbed bracket design offers superior strength, allowing systems to be engineered for heavier loads, or potentially fewer brackets per square meter for lightweight panels
- + Stainless steel brackets offer a low thermal conductivity solution, to help reduce the thickness of insulation required

A highly configurable support system offering maximum flexibility in terms of fixing to different substrates and the attachment of different rainscreen materials. Any facade material can be used – from fibre cement and solid aluminium, to laminate, ceramics, brick, clay, and also metal or glass. It can be affixed to suitable substrates such as masonry, steel structures, composite panels or timber.

Our brackets and rails allow for both vertical and horizontal installation configurations and are engineered with fixed and sliding points to accommodate expected movement in the façade. Even three-dimensional facade designs are easy to implement with the Fixfast facade system.



**The patented SPIDI® max façade brackets are available in lengths of 65mm to 900mm, made in one piece from high-strength aluminium, or stainless steel.**



Our SPIDI® max brackets come equipped with a pre-mounted thermal break, can be used as fixed points or sliding points, and can be installed in horizontal or vertical applications. These features make SPIDI® max brackets quicker to install, reduces sources of error, and saves on storage costs.

**For wall cladding applications, there is a range of 26 bracket sizes between 65mm and 600mm deep, providing a wide range of cladding zone and cavity depths – from 80mm to 646mm. For soffit or ceiling applications, the range includes bracket lengths up to 900mm.**

With bracket lengths of up to 900mm, SPIDI® max is also perfect for deep soffit designs. These extra-deep brackets are particularly suited to situations where mechanical and electrical services – such as ducting, pipework or cable runs - need to be enclosed. For soffit applications, there are an additional 10 bracket sizes, providing for a range of cladding cavity depths – from 80mm to 946mm.





# Complete Confidence



## Engineered for compliance and safety

The Fixfast bracket and rail system has been tested in compliance with current standards and regulations, and is third-party accredited to give you peace of mind. This includes ISO9001 and ISO14001 certification.

None of the components are combustible, so their use supports the pursuit of an installation with an A1 graded classification for reaction to fire.

Secure attachment is also ensured using Fixfast's certified fasteners and anchors. All components - brackets, rails and fasteners - are manufactured from high-quality aluminium, or stainless steel for long-term durability and strength.

## Optimised for speed and cost

When installing façade, small savings add up to big benefits. So SPIDI® components have been designed and packaged to make installation on site easier and quicker.

- + Brackets and rails can be clipped together prior to fixing – allowing adjustments to the substructure to be made before the rail is fastened into place
- + The system can allow adjustments of up to 35mm to compensate for variations in the substrate – making perfect alignment during installation extremely simple
- + SPIDI® max brackets have been engineered to allow façade installations in both horizontal or vertical orientations and are configured to provide a fixed or sliding point - one bracket for all situations
- + Brackets are pre-assembled with Thermostop to prevent thermal bridging, and the stainless steel brackets have a lower thermal conductivity factor, helping to reduce the thickness of insulation required



# Anchors and Fasteners

Based on the specific demands of your project, we put together a package of best-in-class components.

Alongside the right configuration of the bracket and rail system, we include the relevant fasteners or anchors for its attachment to the substrate, and for attachment of the insulation and external cladding. This way, you can be confident your façade installations are secure and durable.

Fixfast is a leading manufacturer of CE marked self-drilling fasteners. Our DrillFast products are designed to provide high-performance connections between brackets and steel substrates, between bracket and rail, for attachment of insulation to steel frame substrates, and for secure attachment of façade panels to the support system.

We offer DrillFast fasteners and rivets with a high-grade UV resistant polyester powder coating to enhance the aesthetics of face-fixed façade panel systems.

For fixing façade systems to concrete and masonry substrates, we offer a comprehensive range of anchors to provide high-performance attachment of brackets and of insulation.

We have a large technical team on hand to give you advice on the selection and technical performance of our anchor and fastener range.

When you need it, we can also provide on-site support, including fixing tests. Our site technicians have many years combined experience and have undergone training to gain the relevant CFA (Construction Fixings Association) qualifications.

You can contact us at any stage of your project, from feasibility design through to final specification. The earlier you involve our technical team, the more we can help.

**With almost 50 years of fastener experience, you can trust Fixfast to give you the right fastener, for the right application, every time.**



**We offer DrillFast fasteners and rivets with a high-grade UV resistant polyester powder coating to enhance the aesthetics of face-fixed façade panel systems.**



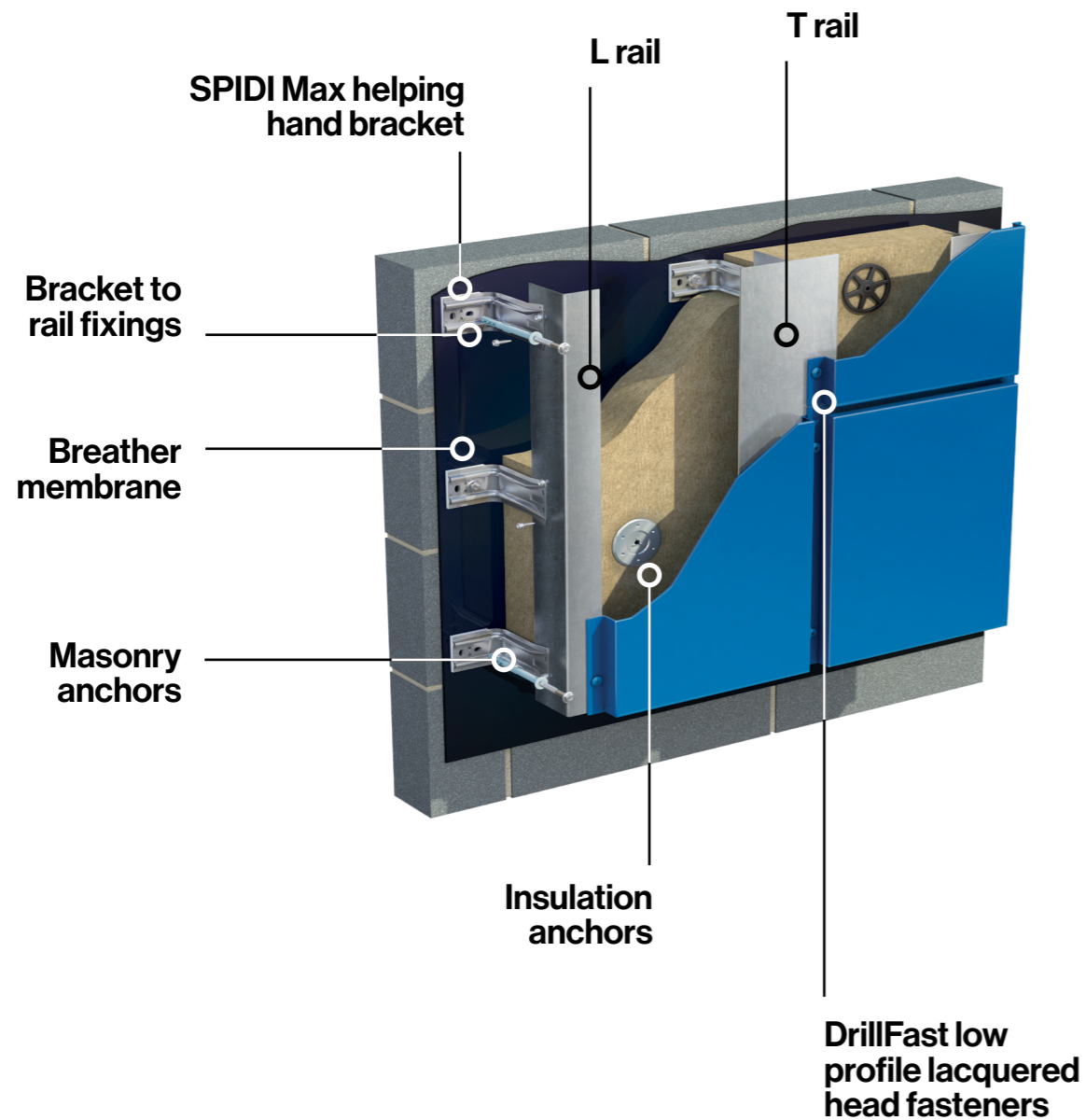
**These anchors and fasteners are critical components within a façade system, so Fixfast products are backed up with the performance data required for structural calculations, and have the relevant UK/EU accreditations.**





## Masonry backing wall

Masonry is a common substrate for rainscreens, and can consist of a variety of materials, such as concrete, aerated blocks and brickwork. Selecting the correct fastener for each application is essential. We can assist you in the specification and provide technical calculations for both the facade support system and the fasteners. The image below shows an example of our facade support system, and other components we provide for securing the insulation and rainscreen to masonry.



### SPIDI® Max helping hand bracket: SP-MAX-A-80/length

- + Façade support helping hand bracket with Thermostop pad
- + Vertical or horizontal facade bracket for fixed or sliding points
- + Lengths up to 900mm available for soffit applications

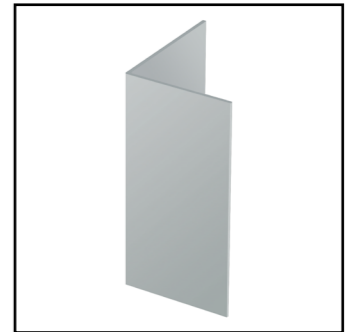
SP-MAX-SSA4-80/length - lengths from 40mm - 600mm  
 SP-MAX-SSA2-80/length - lengths from 40mm - 600mm  
 SP-MAX-A-80/length - lengths from 40mm - 600mm



### L rail: SP-PL-A-40/60/2.0/length

- + L shaped aluminium rail for supporting façade systems in external and internal corner applications

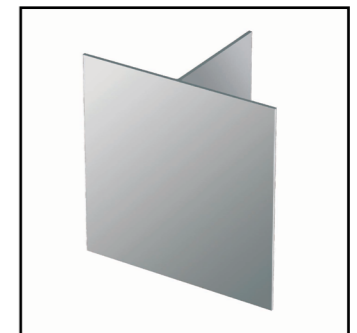
SP-PL-A-40/60/2.0/length - lengths 3m or 6m



### T rail: SP-PT-A-120/60/2.0/length

- + T shaped aluminium rail for supporting façade systems in field area applications

SP-PT-A-120/60/2.0/length - lengths 3m or 6m

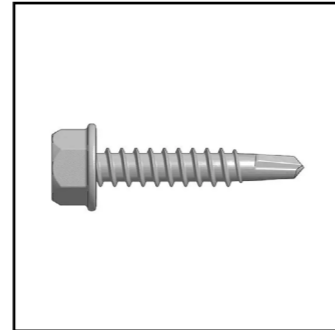


**Masonry backing wall**

**Bracket to rail fixings:  
DF3-SS-4.8 x 25**

- + A2/304 grade stainless steel fastener for fixing brackets to rails
- + ETA approved and CE marked

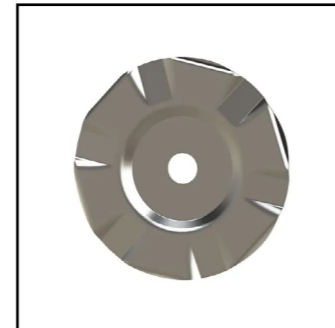
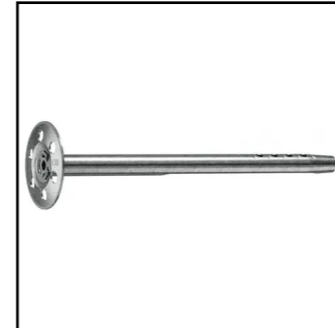
DF3-SS-4.8 x 25



**Insulation anchors:  
TIDR-length / TID-R-T-80**

- + Stainless steel hammer-in anchor for fixing vertical insulation to masonry
- + Stainless steel insulation plates for use with hammer-in anchors

TIDR-length - lengths 80mm - 300mm  
TIDR-T-80



**DHK-length**

- + Plastic insulation anchors for fixing insulation back to masonry and concrete
- + Large 90mm plate size for supporting soft insulation

DHK-length - lengths 65mm - 245mm



**Breather membrane:  
FLAMEOUT-BREATHE-FR**

- + Flame retardant class B
- + Water vapour resistant to BS4016

FLAMEOUT-BREATHE-FR  
FLAMEOUT-TAPE



**Masonry anchors:  
MFRFB-10 x length**

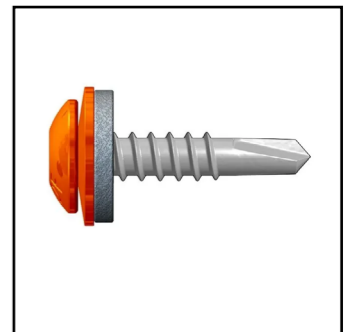
- + Enabling universal mounting of façade substructures as well as wood and metal parts in common base materials
- + Pre-assembled with plug

MFRFB-10 x length SSKS A4 - lengths 60mm, 80mm, 100mm, 115mm, 135mm  
MFRFB-10 x length SSKS - lengths 60mm, 80mm, 100mm, 115mm, 135mm



**DrillFast® low profile lacquered  
head fasteners:  
DF3-SSA4-PL-S15-5.5 x length**

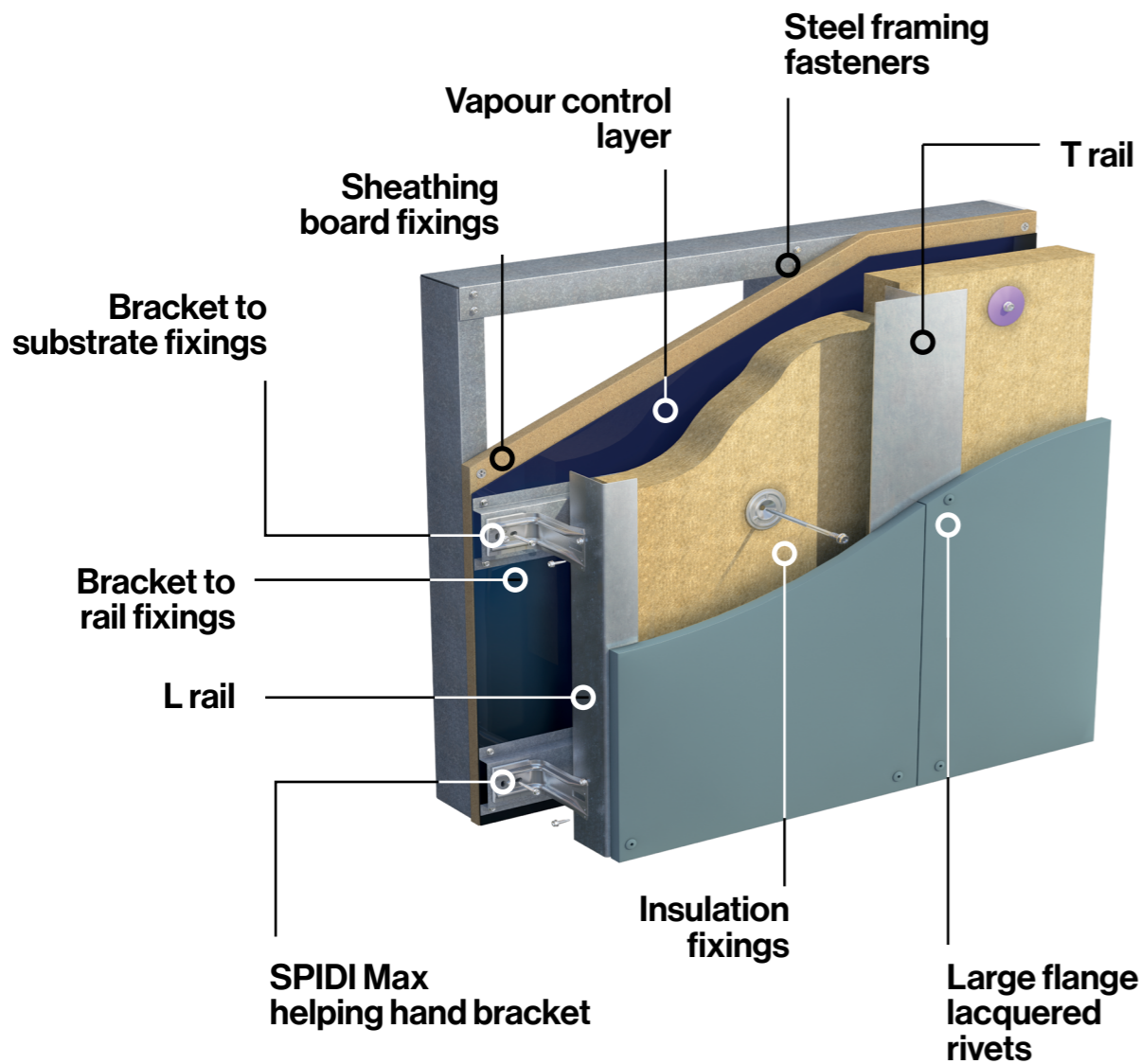
- + A4/316 grade stainless steel lacquered fastener for fixing façade panels back to rails
- + Supplied pre-assembled with a stainless steel/EPDM rubber 15mm diameter sealing washer, for wall applications





## Steel frame backing wall

Steel framing systems are extensively used in the rainscreen industry, as it provides a fast and secure substrate. There are often multiple layers in the build-up, and for bracket attachment, it is crucial to use a fastener that safely transfers the loads back to the steel framing. The image below shows an example of a steel framing system combined with SikaTack adhesive to secure the rainscreen panels without the mechanical fasteners being visible. Fasteners for steel framing are a core part of our product range, so please contact our team to discuss your requirements.



## SPIDI® Max helping hand bracket: SP-MAX-A-80/length

- + Façade support helping hand bracket with Thermostop pad
- + Vertical or horizontal facade bracket for fixed or sliding points
- + Lengths up to 900mm available for soffit applications

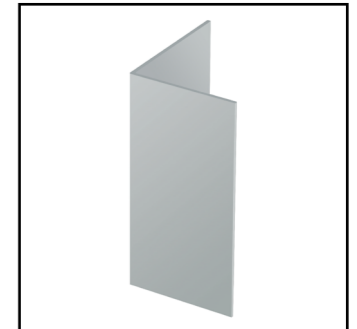
SP-MAX-SSA4-80/length - lengths from 40mm - 600mm  
 SP-MAX-SSA2-80/length - lengths from 40mm - 600mm  
 SP-MAX-A-80/length - lengths from 40mm - 600mm



## L rail: SP-PL-A-40/60/2.0/length

- + L shaped aluminium rail for supporting façade systems in external and internal corner applications

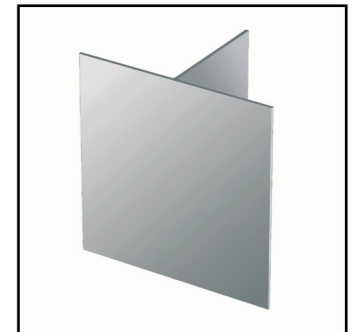
SP-PL-A-40/60/2.0/length - lengths 3m or 6m



## T rail: SP-PT-A-120/60/2.0/length

- + T shaped aluminium rail for supporting façade systems in field area applications

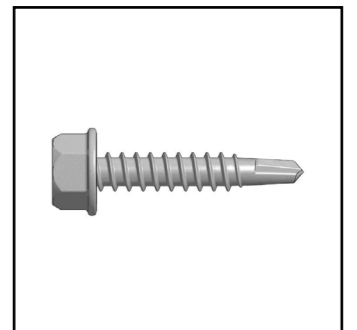
SP-PT-A-120/60/2.0/length - lengths 3m or 6m



## Bracket to rail fixings: DF3-SS-4.8 x 25

- + A2/304 grade stainless steel fastener for fixing brackets to rails
- + ETA approved and CE marked

DF3-SS-4.8 x 25



**Steel frame backing wall**

**Vapour control layer:  
AVCL**

- + Reinforced polyethylene with a high tensile scrim reinforcement
- + Controls vapour to minimise interstitial condensation

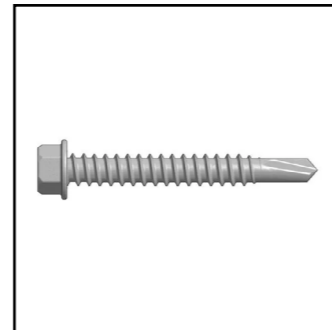
FLAMEOUT-BLOCK-FR (fire retardant)  
AVCL250  
AVCL170



**Bracket to substrate fixings:  
DF3-SS-6.0 x 45**

- + A2/304 grade stainless steel fastener for fixing brackets to light steel 1.2-3mm thick
- + ETA approved and CE marked

DF3-SS-6.0 x 45



**Steel framing fasteners:  
DF5-CF-5.5 x 22**

- + Carbon steel clip fix fastener for fixing to light section steel
- + Low profile clip fix head for a discreet finish

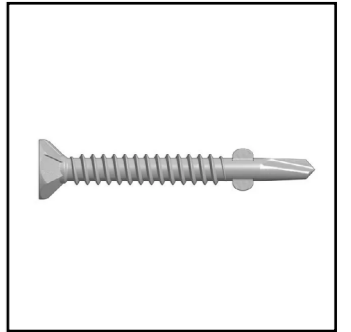
DF5-CF-5.5 x 22



**Sheathing board fixings:  
DF3-SSA4-W-4.8 x 40 for 1.5-3.0mm steel**

- + A4/316 grade stainless steel wingscrew for fixing sheathing board back to light section steel
- + CCPI verified and CE marked

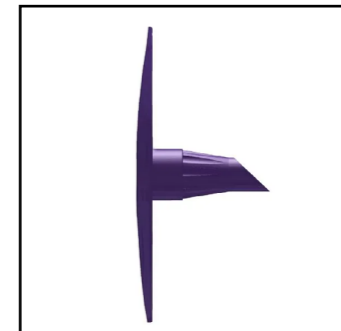
DF3-SSA4-W-4.8 x 40  
FLAMEOUT-TAPE



**Insulation fixings:  
DF3-SS-HT / SF-T-75 x 25 / SF-P-SS-70-D**

- + Perimeter and centre fix fastener combinations
- + A2/304 grade stainless steel fasteners and plates

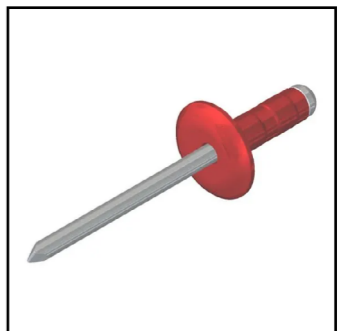
DF3-SS-HT-5.5 x length - lengths from 85mm - 275mm  
SF-P-SS-70-D  
SF-T-75 x 25



**Large flange lacquered face fix rivets:  
R-AS-LF-LAC-4.8 x length**

- + Painted aluminium/stainless steel 4.8mm diameter large flange rivets
- + Available in a wide range of RAL or British Standard colours

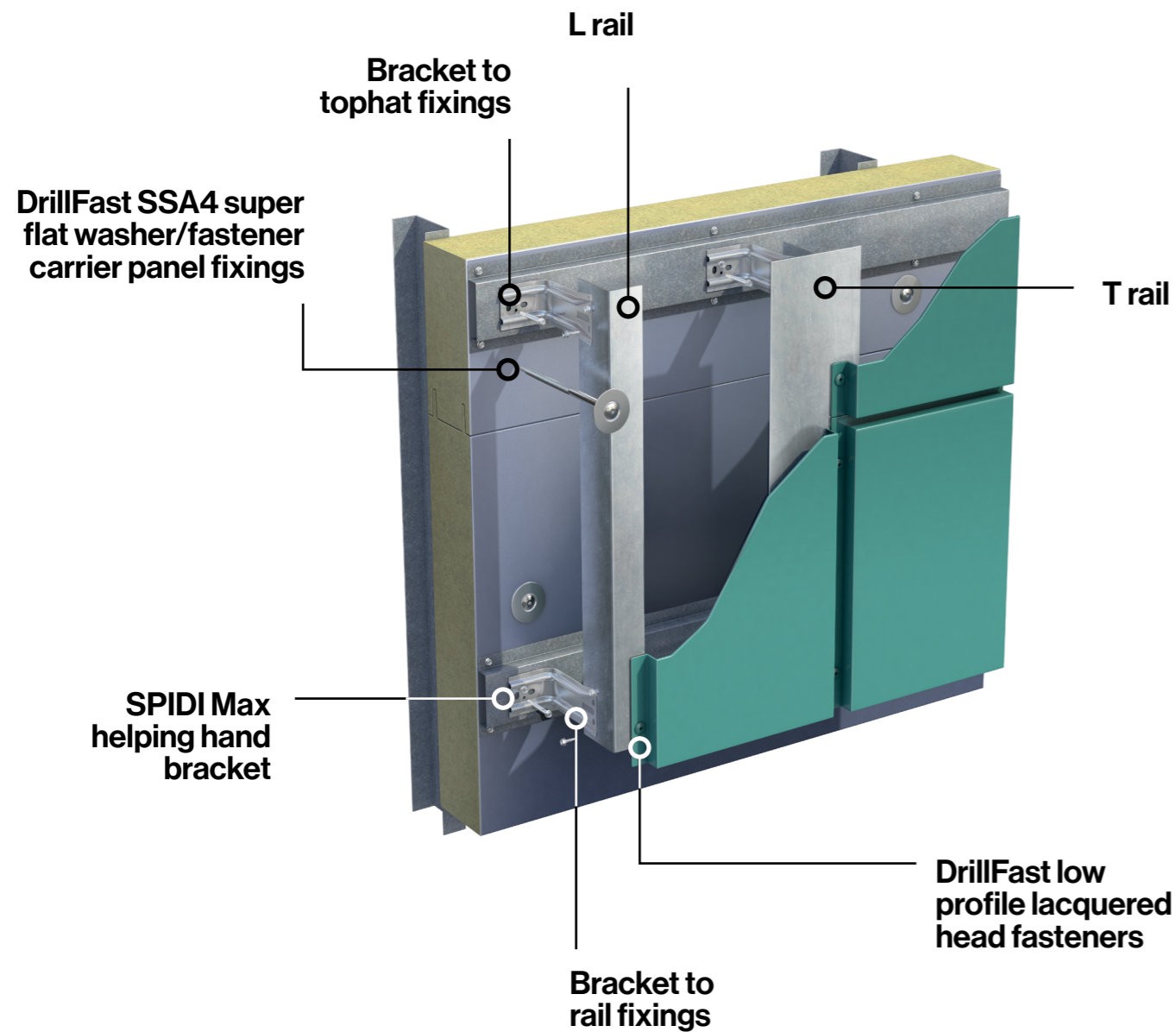
R-AS-LF-LAC-4.8 x length - lengths 10mm, 17mm, 19mm, 25mm





**Composite carrier panel**

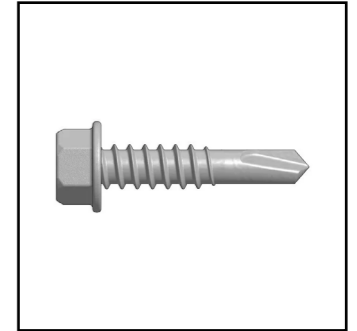
Composite panels offer a rapid method of façade installation. At Fixfast we work closely with panel manufacturers, designing products that provide maximum reliability. Our specialists can assist you in the specification and provision of technical calculations for both the façade support system and fasteners.



**Bracket to top hat fixings:  
DF3-SS-5.5 x length**

- + A2/304 grade stainless steel fastener for fixing to light metal purlins and rails
- + ETA approved and CE marked

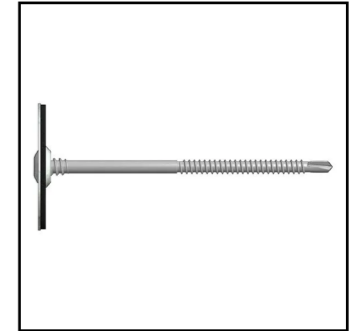
DF3-SS-5.5 x length - lengths 25mm, 35mm, 55mm



**DrillFast SSA4 super flat washer/  
fastener carrier panel fixings:  
DF3-SSA4-P-HT-SFW-5.5 x length**

- + A4/316 grade stainless steel low profile fastener and plate combination for fixing flat composite panels back to light steel tframes and purlins
- + CE marked
- + SP-PL-A-40/60/2.0/length - lengths 3m or 6m

Heavy steel options also available



**SPIDI® Max helping hand bracket:  
SP-MAX-A-80/length**

- + Façade support helping hand bracket with Thermostop pad
- + Vertical or horizontal facade bracket for fixed or sliding points
- + Lengths up to 900mm available for soffit applications

SP-MAX-SSA4-80/length - lengths from 40mm - 600mm  
 SP-MAX-SSA2-80/length - lengths from 40mm - 600mm  
 SP-MAX-A-80/length - lengths from 40mm - 600mm



**Did you know?**

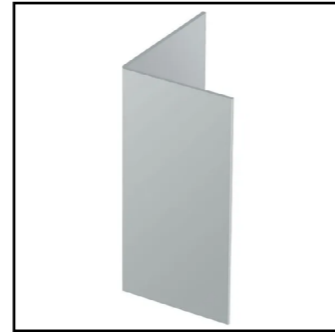
One design of SPIDI Max bracket eliminates the need for a wider Tophat/C Channel to accommodate a traditional double bracket, found with equivalent systems on the market. Our SPIDI Max single bracket is durable enough for both applications - providing a significant cost saving on the backing structure, and the project as a whole.

**Composite carrier panel**

**L rail:  
SP-PL-A-40/60/2.0/length**

- + L shaped aluminium rail for supporting façade systems in external and internal corner applications

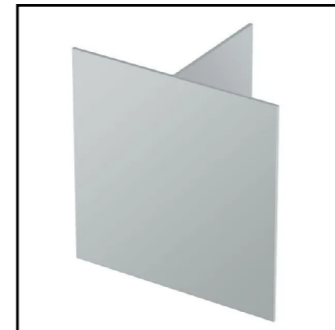
SP-PL-A-40/60/2.0/length - lengths 3m or 6m



**T rail:  
SP-PT-A-120/60/2.0/length**

- + T shaped aluminium rail for supporting façade systems in field area applications

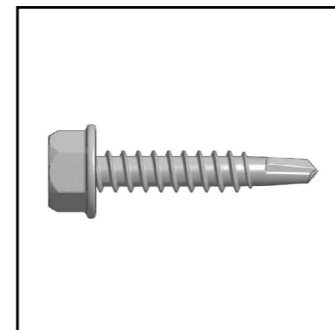
SP-PT-A-120/60/2.0/length - lengths 3m or 6m



**Bracket to rail fixings:  
DF3-SS-4.8 x 25**

- + A2/304 grade stainless steel fastener for fixing brackets to rails
- + ETA approved and CE marked

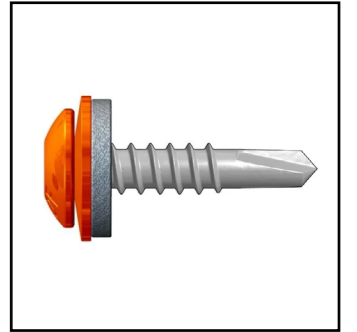
DF3-SS-4.8 x 25



**DrillFast® low profile lacquered head fasteners:  
DF3-SSA4-PL-S15-5.5 x length**

A4/316 grade stainless steel lacquered fastener for fixing façade panels back to rails  
Supplied pre-assembled with a stainless steel / EPDM rubber 15mm diameter sealing washer, for wall applications

DF3-SSA4-PL-S15-5.5 x length - lengths 25mm, 35mm, 50mm, 75mm



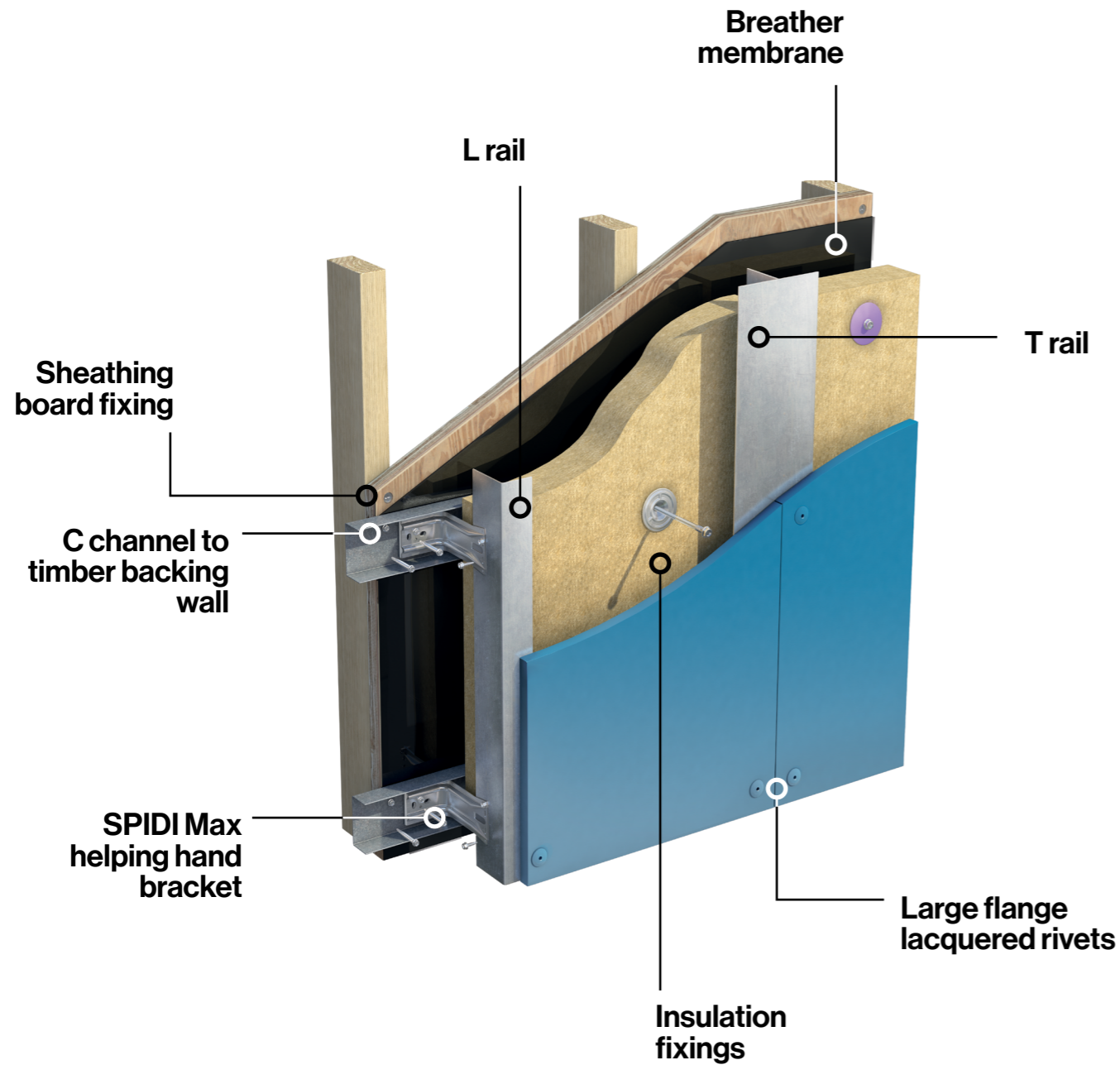
**Did you know?**

Manufactured by pressing aluminium or stainless steel rather than extruding the material contributes to the strength of our SPIDI Max brackets, as well as using less material - adding to the overall cost saving of choosing the Fixfast façade support system over anyone else.



**Timber frame backing wall**

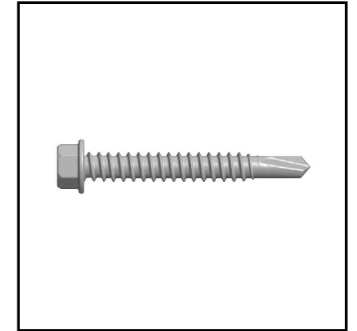
At Fixfast we offer a range of fasteners for securing rainscreen systems to timber. Our technical experts can assist you in the specification and provision of technical calculations for both the façade support system and fasteners. The example below shows a rainscreen secured using our large flange coloured rivets, colour-matched to the panel. Our team can quickly colour-match a wide variety of colours, to ensure you receive a fast service.



**Bracket to C channel fixings:  
DrillFast® fixings: DF3-SS-6.0 x 45**

- + A2/304 grade stainless steel fasteners for fixing into light steel
- + CE marked

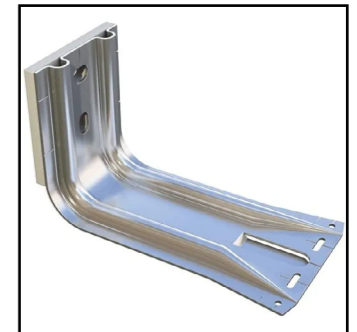
DF3-SS-6.0 x 45



**SPIDI® Max helping hand bracket:  
SP-MAX-A-80/length**

- + Façade support helping hand bracket with Thermostop pad
- + Vertical or horizontal facade bracket for fixed or sliding points
- + Lengths up to 900mm available for soffit applications

SP-MAX-SSA4-80/length - lengths from 40mm - 600mm  
 SP-MAX-SSA2-80/length - lengths from 40mm - 600mm  
 SP-MAX-A-80/length - lengths from 40mm - 600mm



**L rail:  
SP-PL-A-40/60/2.0/length**

- + L shaped aluminium rail for supporting façade systems in external and internal corner applications

SP-PL-A-40/60/2.0/length - lengths 3m or 6m

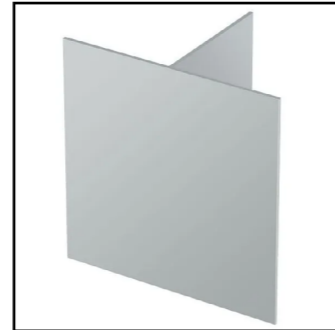


**Timber frame backing wall**

**T rail:  
SP-PT-A-120/60/2.0/length**

- + T shaped aluminium rail for supporting façade systems in field area applications

SP-PT-A-120/60/2.0/length - lengths 3m or 6m



**Breather membrane:  
FLAMEOUT-BREATHE-FR**

- + Flame retardant class B
- + Water vapour resistant to BS4016

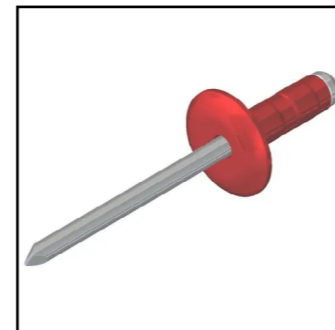
FLAMEOUT-BREATHE-FR  
FLAMEOUT-TAPE



**Large flange lacquered face fix  
rivets: R-AS-LF-LAC-4.8 x length**

- + Painted aluminium/stainless steel 4.8mm diameter large flange rivets
- + Available in a wide range of RAL or British Standard colours

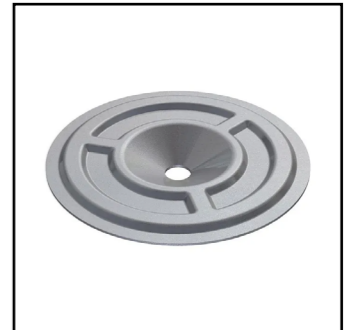
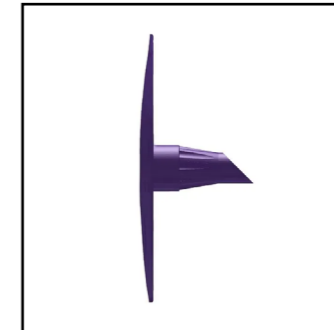
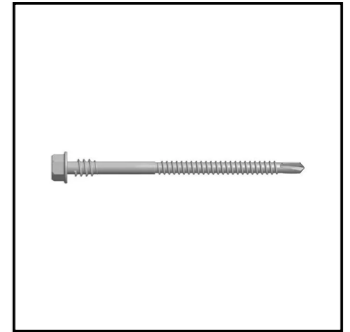
R-AS-LF-LAC-4.8 x length - lengths 10mm, 17mm, 19mm, 25mm



**Insulation fixings:  
DF3-SS-HT / SF-T-75 x 25 /  
SF-P-SS-70-D**

- + Perimeter and centre fix fastener combinations
- + A2/304 grade stainless steel fasteners and plates

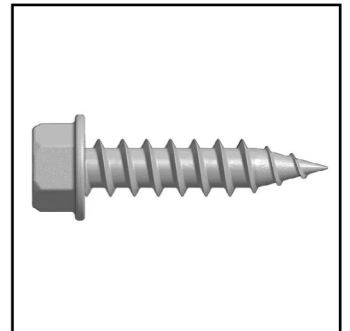
DF3-SS-HT-5.5 x length - lengths from 85mm - 275mm  
SF-P-SS-70-D  
SF-T-75 x 25



**C channel to timber backing wall:  
DFT-SS-6.0 x length**

- + A2/304 grade stainless steel fasteners for fixing into timber
- + CE marked

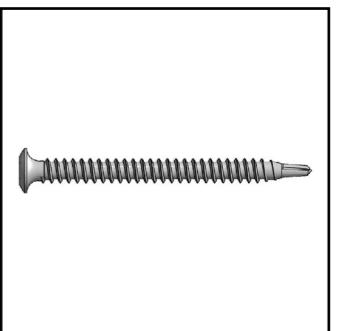
DFT-SS-6.0 x length - 25, 32, 40, 50, 75, 100



**Sheathing board fixings:  
SF-RS-SSA4-4.8 x 60**

- + A4/316 grade stainless steel fasteners for fixing sheathing board to timber
- + UKCA and CE marked

SF-RS-SSA4-4.8 x 60





# Fixfast-Grade Service

Our business is built on an absolute commitment to delivering outstanding customer service. So, our façade support system is backed up by the Fixfast-grade technical and customer support that our customers have come to expect as standard.

We offer all our façade customers Full Project Lifecycle Support. This means you can count on a close partnership from when you first pick up the phone to us, to when the last panel is installed. This includes:

## Project tender, planning and design

We know that sometimes all you need is a quick, indicative cost. Our sales and technical teams will speak to you about your project and, after confirming some key details, they will respond promptly with a cost estimate.

If you decide to move forward with a more detailed quote request, our in-house technical team will work closely with the SPIDI max project engineers to provide you all the detail you need.

Our teams are committed to working closely with customers early in the process to ensure a 'right product, right time, every time' approach.

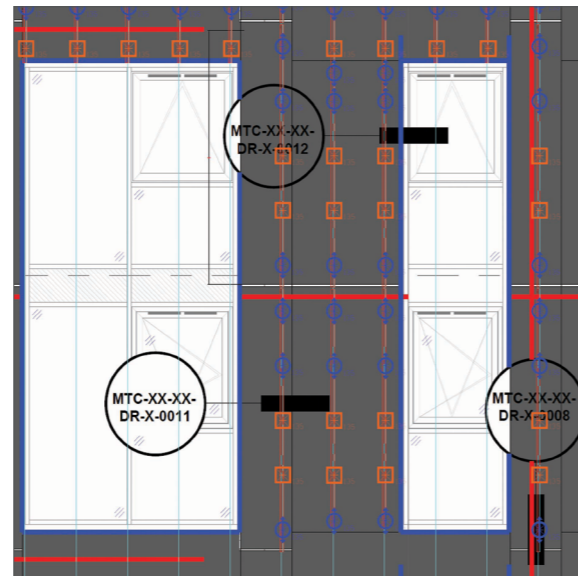
We will take care to understand the exact requirements of your project including:

- + Building plans/elevations for the rainscreen including the area that needs to be covered
- + Substrate material and thickness
- + Your chosen insulation (dimensions including slab size and depth)
- + Your chosen face panels

All this information is submitted by you on a simple-to-complete online calculation request form.

We will then undertake static and dynamic load calculations before providing you with a detailed calculation, schematic drawings, and if required, a list of materials and pricing.

Our technical team can call on many years of experience in this industry, so unlike many of our competitors, we aren't relying solely on software to create our calculations and schematics. This ensures you benefit from greater accuracy and technical insights, as well as a fast turnaround.



**We have fixing solutions for the full rainscreen façade build-up, from substrate to external skin.**



## Did you know?

**Fixfast has a long history of designing, manufacturing and supplying specialist building fasteners and components for the walls and roofs of industrial, commercial and larger residential buildings. We have partner approval and accreditation with many major building envelope system manufacturers, to provide them and their customers with engineered fastening solutions.**

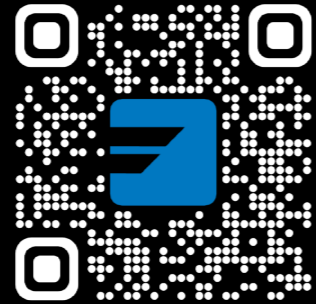


## Installation and completion

We'll support you through the installation phase with the relevant documentation, such as schematic and assembly drawings, and product datasheets. On project completion, we can assist with the information you need for submitting an O & M manual.

If questions arise during installation, you (or your façade consultant) can expect the right technical support from our teams, who are available from 8am to 5pm Monday to Friday. We can also provide you with Toolbox talks and site set-up guidance to help you avoid any installation related issues.

Visit our website for more details



## Delivered when you need it

We understand the importance of product availability, and hold stock of a range of common aluminium brackets (65mm to 300mm deep) and rails for delivery in 1-2 working days. Brackets and rails in other sizes, or in stainless steel material, can normally be delivered to you with just a 2 to 4 week lead time.

By choosing the façade support system from Fixfast, you also get all the technical support you need to ensure you can deliver compliant, secure rainscreens on time,



**Non-stock brackets and rails delivered in just 2 to 4 weeks'**



**We can provide you with product samples for your own customers and can collaborate on any project-specific testing that may be required.**

