

SF40-FR

Shadow Fixed 40mm Fire Rated Rainscreen System

Brochure

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SPANWALL 

SF40-FR Shadow Fixed Rainscreen Façade System

SF40-FR is a discreet fix rainscreen cladding panel system. 40mm deep cassette panels are overlapped with fixings placed discreetly in the panel joints offering a cost-effective facade solution in this fully drained and back ventilated cladding system. SF40-FR is mounted on a standard Helping Hand system including standard brackets and T or L-Section rails. Helping Hand brackets create the insulation/cavity zone as required and transfer the wind and dead loads to the wall. Colour matched A2 austenitic stainless-steel fixings are used in the panel recesses to mechanically fix the SF40-FR to the secondary support system. SF40-FR can be installed vertically, horizontally or on soffits.



Spanwall SF40-FR Rainscreen

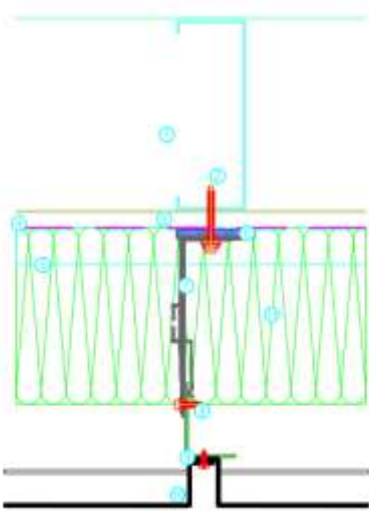
Testing & Certification

SF40-FR has been independently tested in a “through wall” system and carries BS8414-2:2015 Fire Performance Classification in accordance with BR135 (3rd edition): 2013 as tested by Efectis UK/Ireland Ltd and is suitable for use on high rise buildings. Classification report No. EUI-18-000094 is available on request. Spanwall chose the most rigorous test regime, assessing panels sizes much larger than the norm at the largest floor spans and deepest cladding zones practical to prove that the SF40-FR Fire Rated Rainscreen System is truly fit for whatever configuration you might specify.

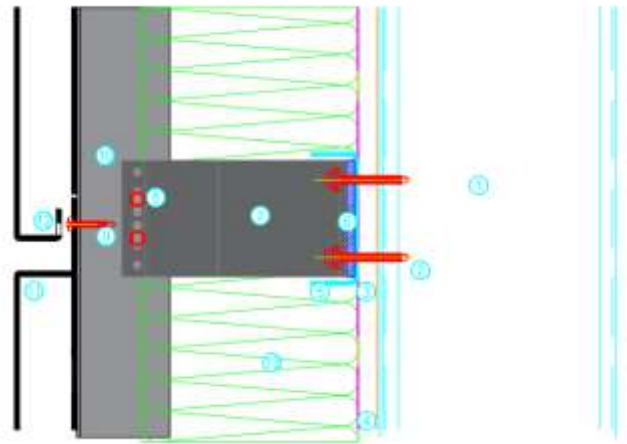
SF40-FR is designated A2-s1,d0 to EN13501-1:2018 (*when PPC is applied to the aluminium substrate and A1 if Anodised*) SF40-FR has passed the CWCT - Standard for systemised building envelopes - 2005 testing conducted by UL International (UK) Ltd at their Telford facility and comprised eleven individual tests including Air Leakage, Water Penetration, Wind Resistance and Impact Resistance, a copy of this Technical Report – R4790086764 – Rev 2 is available on request.

These independent test certificates and standard CAD drawings are available on request or to Download from our website www.spanwall.com/downloads.

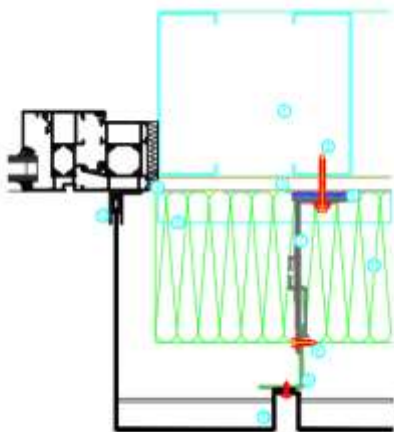
SF40-FR Construction Details



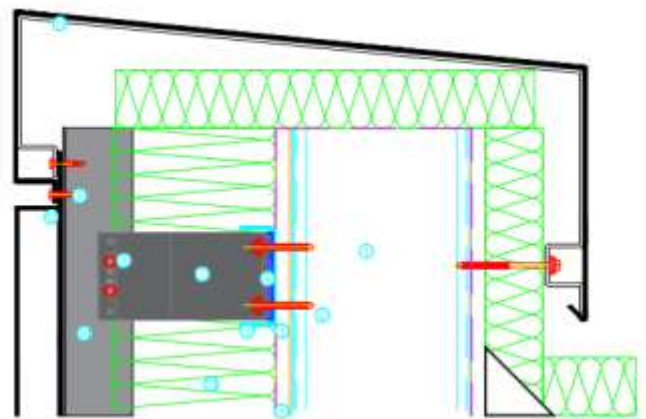
Spanwall SF40-FR Rainscreen Vertical Joint



Spanwall SF40-FR Rainscreen Vertical Joint (Hidden fix)



Spanwall SF40-FR Rainscreen Reveal Jamb



Spanwall SF40-FR Rainscreen Parapet Coping

Item	Description
1	Stud Wall (by others)
2	Wall Fixing (by others)
3	Sheathing Board (by others)
4	Vapour Control Layer (by others)
5	Continuous Channel (by others)
6	Thermal Isolator
7	Wall Bracket
8	Mullion Fixing
9	Mullion
10	Rainscreen Cassette Panel
11	Insulation (by others)
12	F-Section

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FEATURES

- Discreet fix system
- Drained and back ventilated system
- Extremely Flat panel surface (Low Surface Stress)
- Landscape or portrait orientation
- Custom panel fabrication available
- 3mm 3000 Series Aluminium as standard
- Pre-punched fixing locations
- 20mm – 30mm joints available
- Multiple perforated options available
- Non-sequential installation
- Standard Cladding Zones 120mm – 375mm
- System includes Helping Hand & Rails
- Choice of materials
- Choice of Powder/Paint manufacturer

BENEFITS

- CWCT Tested (UL International)
- A1 or A2-s1,d0 to EN13501-1
- BS8414-2:2020 Compliant
- UL Mark Certified System
- Substrate carries CE Marking
- Specification available in NBS Source
- Durable, lightweight envelope solution
- Approved Installer Network
- Fast Installation
- Suite of CAD DWGs
- Recyclable components
- Low Maintenance solution
- Product Warranty <25-years
- 50-years of manufacturing Rainscreens

MATERIALS

- Aluminium
- Copper
- COR-TEN®
- Zinc
- Bronze
- Stainless Steel

FINISHES

- Polyester Powder Coated (PPC)
- Anodised Aluminium
- Pre-Coated Aluminium Coil (PVDF)
- Natural or Pre-Coated Zinc
- Natural or Pre-Coated Copper
- Natural or Pre-Coated Stainless Steel



Talk to us today...

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