



SFS Steel Formed
Sections

SFS FRAMING SYSTEMS



✉ Steel Formed Sections,
Lough Egish Business Park,
Lough Egish, Castleblayney, Co. Monaghan

☎ Tel: +353 (0)42 974 5700

📠 Fax: +353 (0)42 974 5701

✉ Email: info@SteelFormedSections.com

🌐 www.SteelFormedSections.com

CONTENT

Introduction	4
About SFS	4
Our Assurance to you	5
Typical Applications	7
Blockwork	7
Brickwork	8
Insulated Render Systems	9
Rainscreen	10
Timber Cladding	11
Typical Connection Details	12 - 26
Track Section Properties to BS EN 1993-1-3:2006	28 - 29
Load Span Tables based on Properties to BS EN 1993-1-3:2006	30 - 31
Stud Section Properties to BS EN 1993-1-3:2006	32
Location Plan Sample	33
Our Work	34 - 39



INTRODUCTION

Welcome to the brochure of Steel Formed Sections, one of Ireland and the UK's fastest growing suppliers of steel supports to internal linings and external cladding for apartment, commercial, institutional and other large buildings.

Our sections provide support to cladding, either set within the structural frame (using infill panels) or outside the main structural frame (using continuous framing). The sections are installed using self-tapping fixtures, allowing the external cladding to be fixed without delay which in turn facilitates internal work to begin. We are able to supply the sections ready to assemble on the project site.

This brochure will set out Typical Applications (Blockwood, Brickwork, Insulated Render System, Rainscreen and Timber Cladding) and Typical Connection Details (Infill Wall Framing and Lintels and Cils to larger openings)

ABOUT SFS

Steel Formed Sections was formed in November 2005 and is today Ireland's largest producer of internal liner and external cladding systems.

Our company has gained essential expertise and product knowledge through close business relationships with customers, suppliers and research partners, including Cambridge Fire Research and Sound Research Laboratories.

From our purpose-built 25,000 square feet production facility based in Castleblayney, County Monaghan, we are able to give fast and reliable delivery and collection services with excellent access to all major road networks throughout Ireland and the UK. We will produce in excess of 12,000 tonnes of internal and external systems on an annual basis.

We can offer our customers sections ranging from 70-300mm ranging in gauge thickness from 0.5 to 2.5mm thanks to our continued investment in modern technology.


We like to work with the design team as early as possible in the design process so that our technical input can assist the team to find the most effective and economical solutions.

We recommend that the Formed System is installed by sub-contractors with the relevant expertise and can suggest some suitable sub-contractors, if requested.

DECLARATION OF PERFORMANCE CERTIFICATES

We are committed to manufacturing products that achieve the highest quality standard. We are Quality Assured to the Eurocodes. We have achieved CE Marking status to category Execution Class 2.

Declaration of Performance

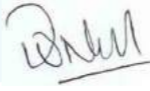


DOP Number	0000	
Product Type	Cold Formed/Rolled Steel Sections	
Intended Use	Structural metallic construction components intended for use in steel structures or composite steel and concrete structures	
Manufacturer	Steel Formed Sections Lough Egish Business Park, Lough Egish, Castleblayney, Co. Monaghan, Ireland	
Attestation Level	System 2+	
Notified Body	Exova BM TRADA Chiltern House, Stocking Lane, High Wycombe, Buckinghamshire, HP 14 4ND, UK	
Notified Body No	1224	
FPC Certificate No	1224-CPR-0738 (Certified to EN1090-1 in January 2015)	


Essential Characteristics	Performance	Technical Specification
Tolerance on dimensions and shape	In accordance with EN 1090-2	EN 1090-1:2009 +A1:2011
Weldability	NPD	EN 1090-1:2009 +A1:2011
Fracture Toughness/Impact resistance	NPD	EN 1090-1:2009 +A1:2011
Load bearing capacity	NPD	EN 1090-1:2009 +A1:2011
Fatigue Strength	NPD	EN 1090-1:2009 +A1:2011
Deformation at serviceability limit state	NPD	
Resistance to fire	R15 E15	EN 1090-1:2009 +A1:2011
Reaction to fire	A1	EN 1090-1:2009 +A1:2011
Release of cadmium and its compounds	NPD	EN 1090-1:2009 +A1:2011
Radioactivity	NPD	EN 1090-1:2009 +A1:2011
Durability	P1	EN 1090-1:2009 +A1:2011

Manufacturer according to methods 1 & 2 & 3A & 3b and the component specification 000000, and EN 1090-2, execution class EXC2
The performance of the product identified above is in conformity with the declared performance identified in the table.

Signed on behalf of the manufacturer:



Thomas O'Neill
Sales Director

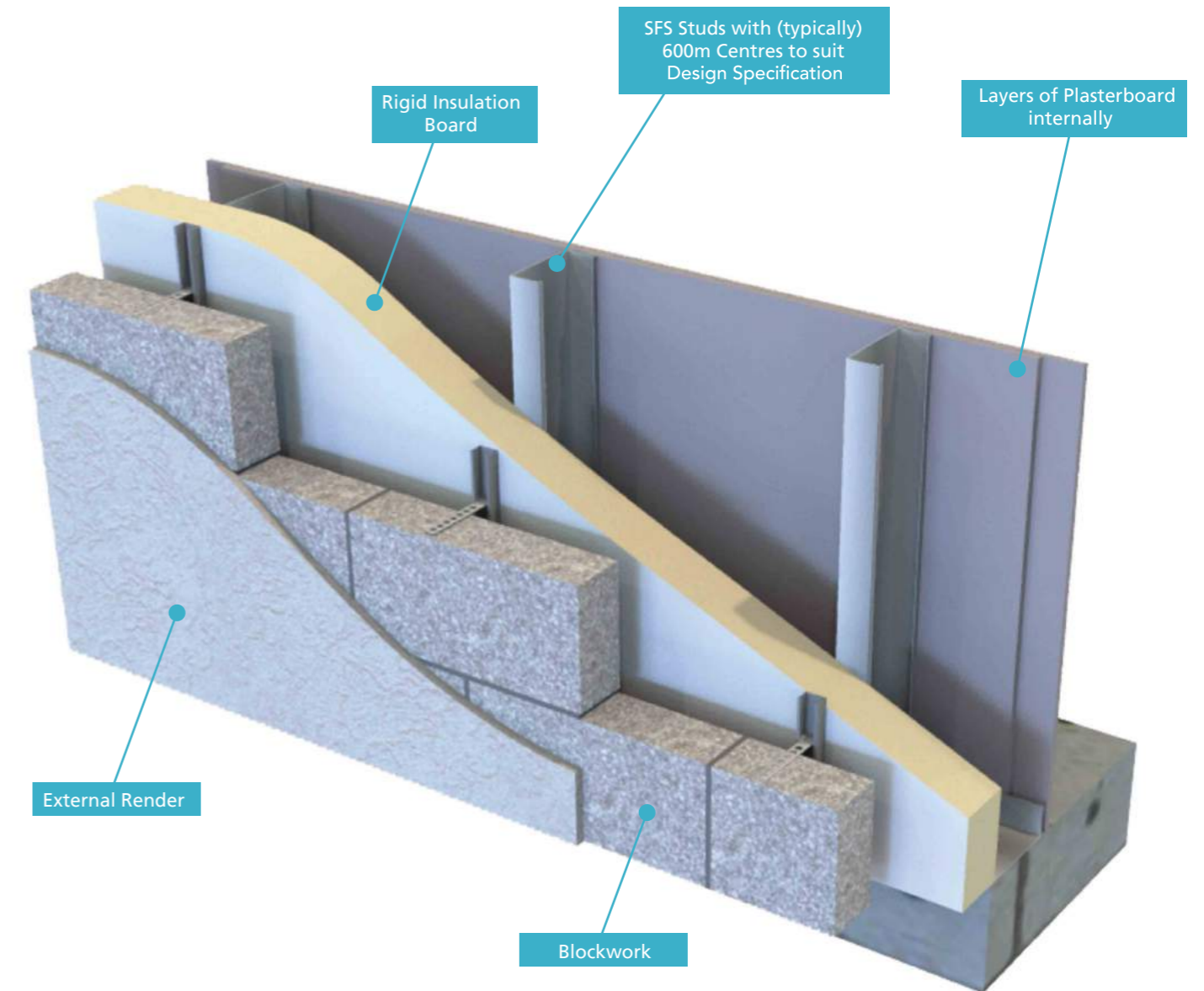


Compliance prepared by
ARC Management Systems

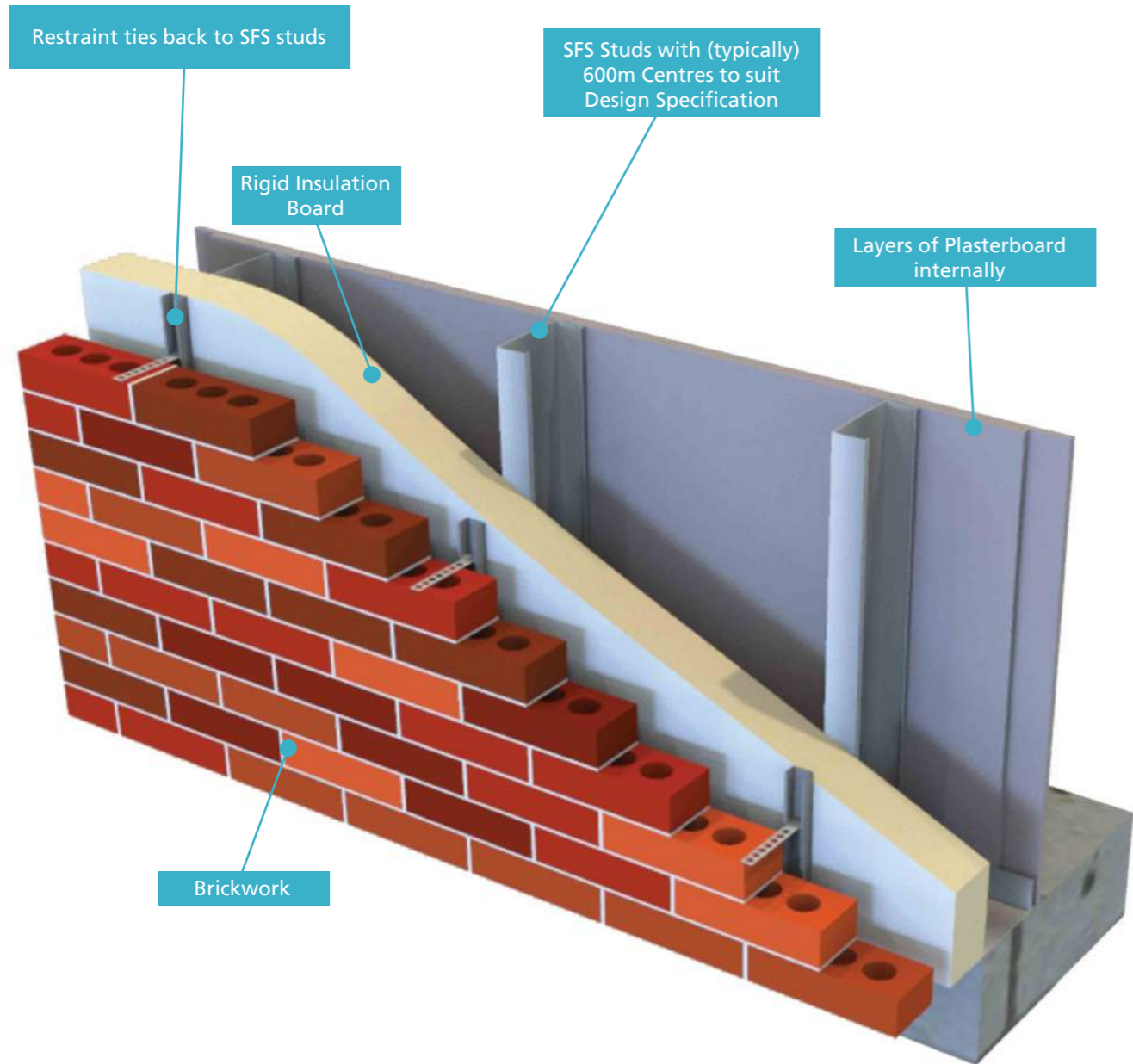
TYPICAL APPLICATIONS

This section shows how the system can be applied to a range of cladding systems, including blockwork, brickwork, insulated render system, rainscreen and timber cladding. The systems are not limited to these cladding systems and the system used will depend on the overall requirements such as fire protection and thermal.

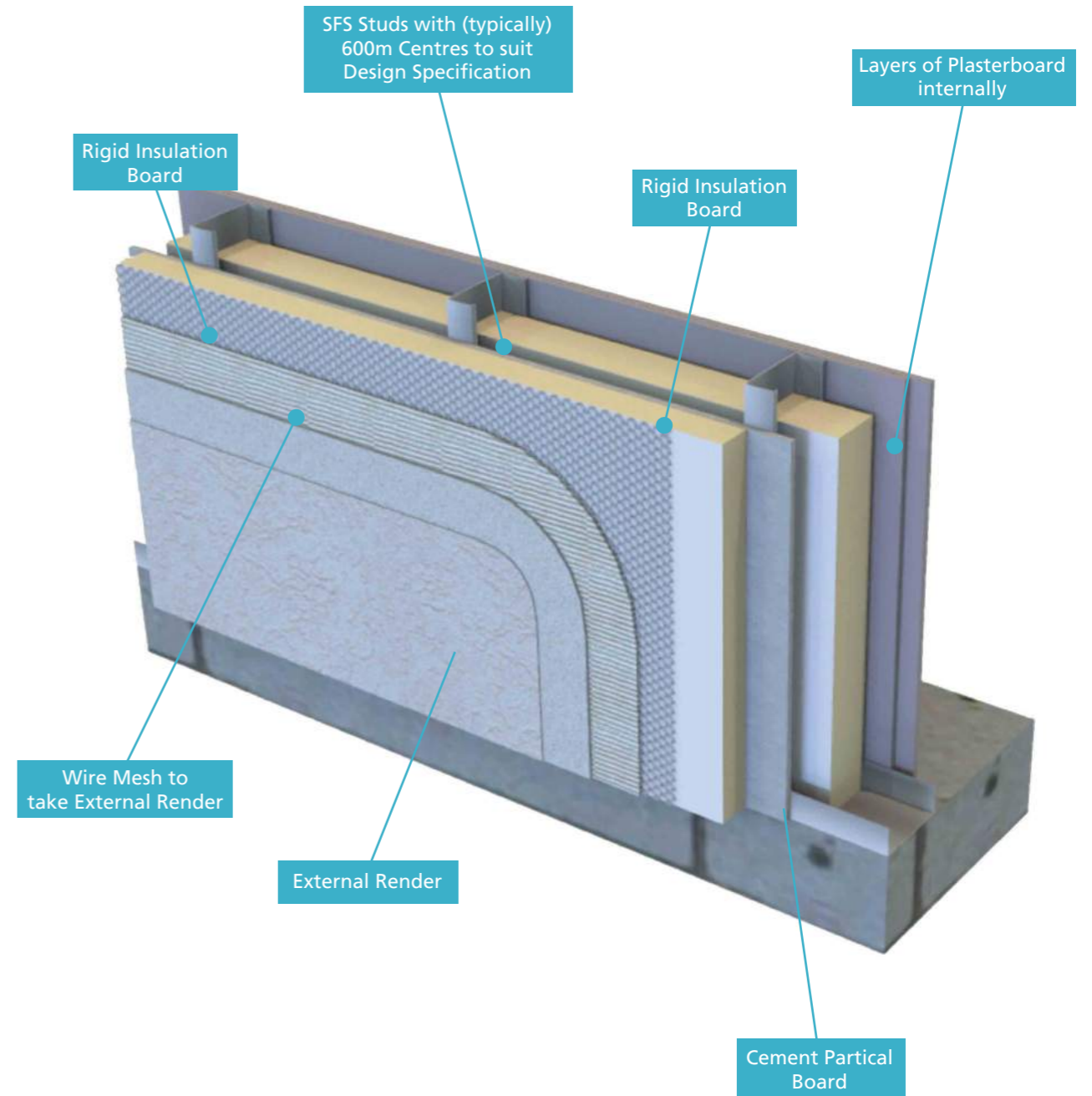
BLOCKWORK



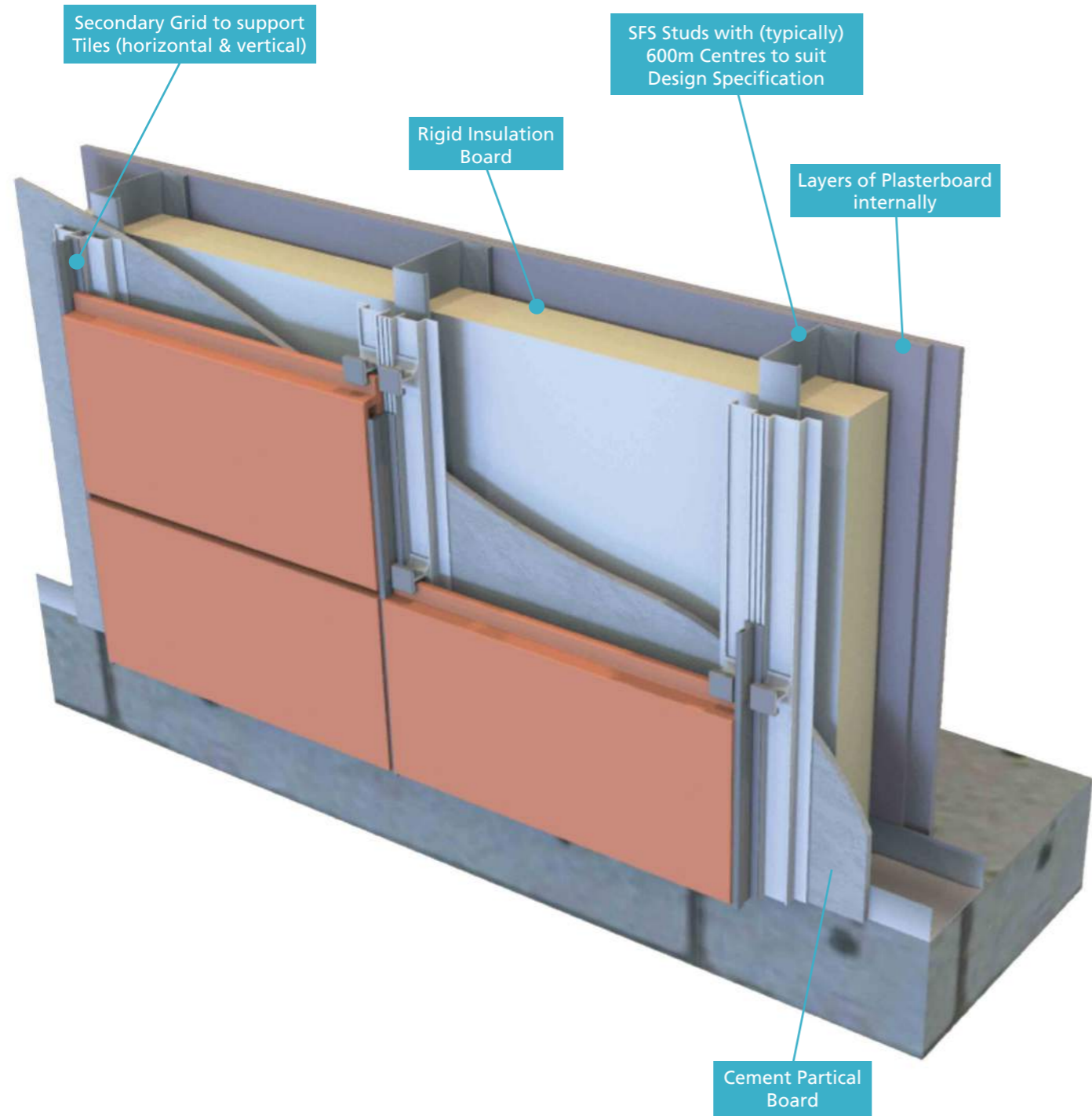
BRICKWORK



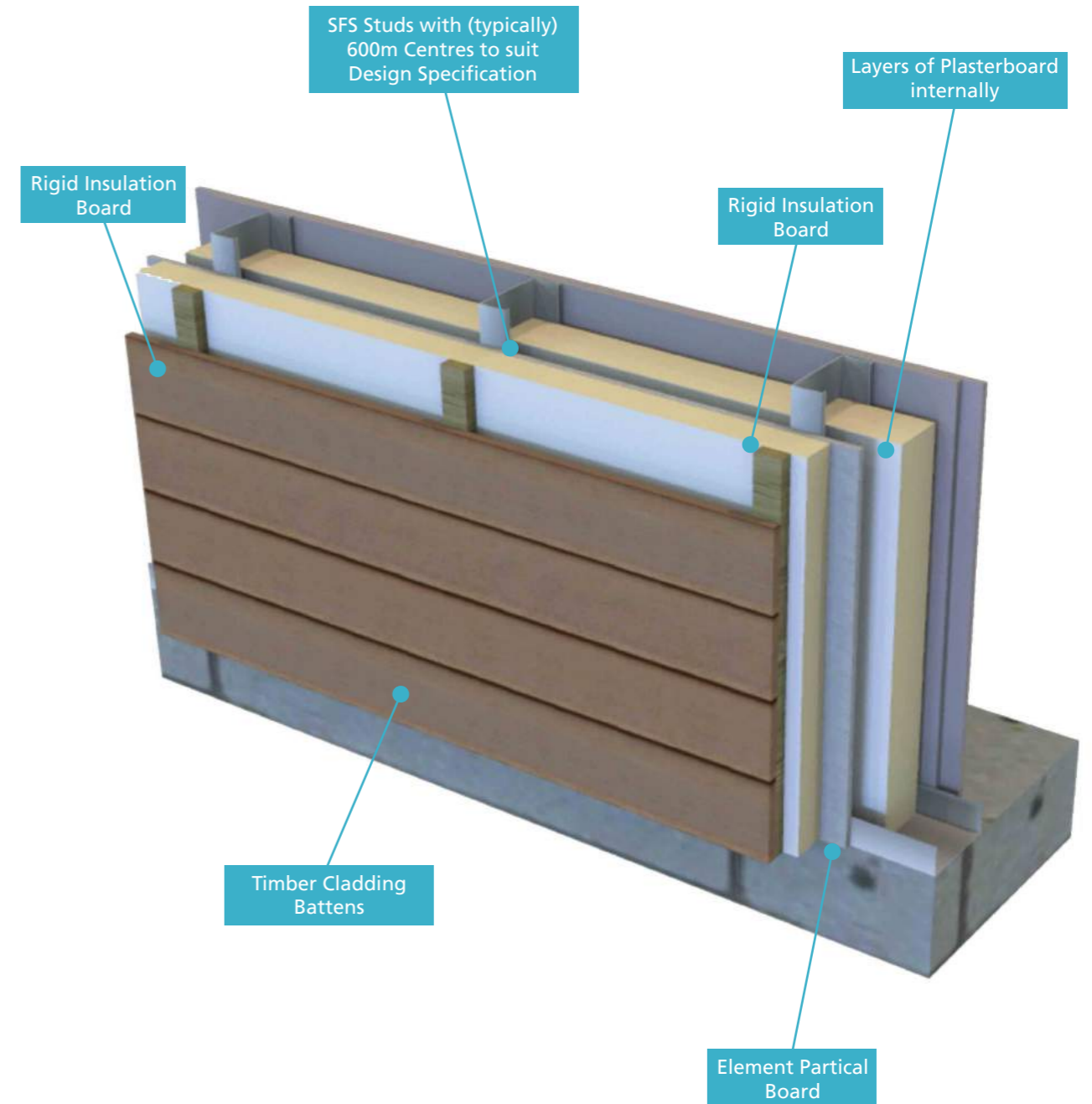
INSULATED RENDER SYSTEM



RAINSCREEN

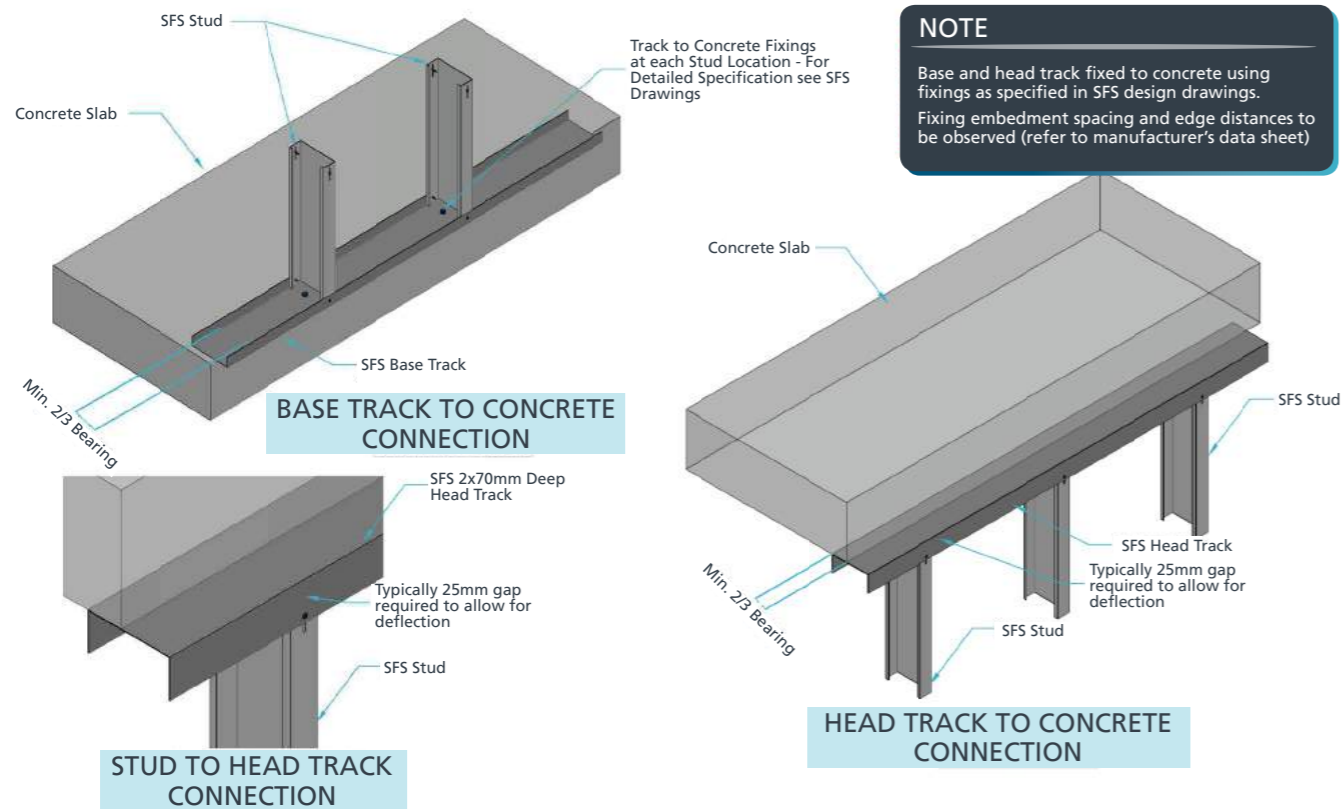


TIMBER CLADDING

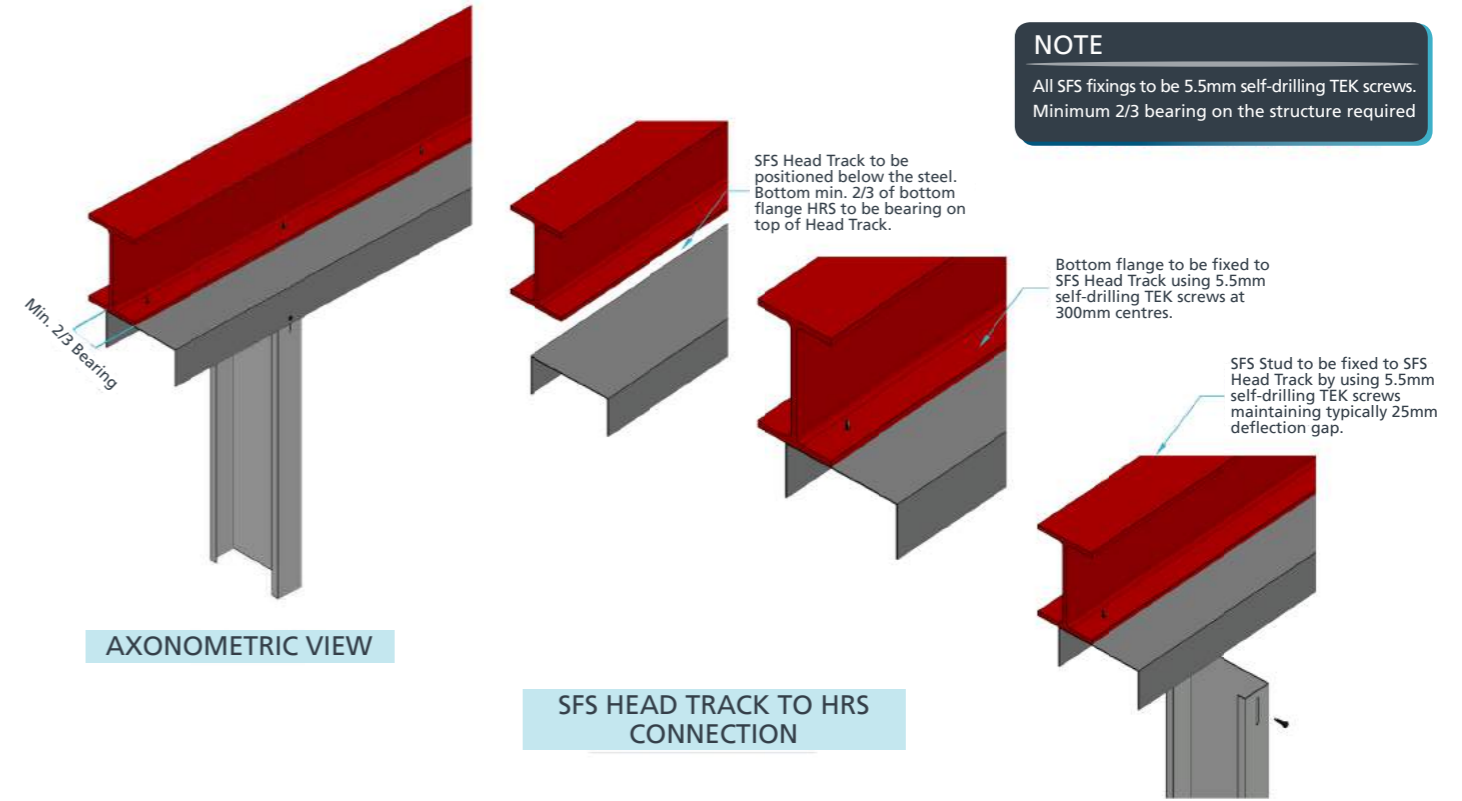


These diagrams show how the SFS systems are typically assembled and connected. Self tapping screws are used to connect the various sections.

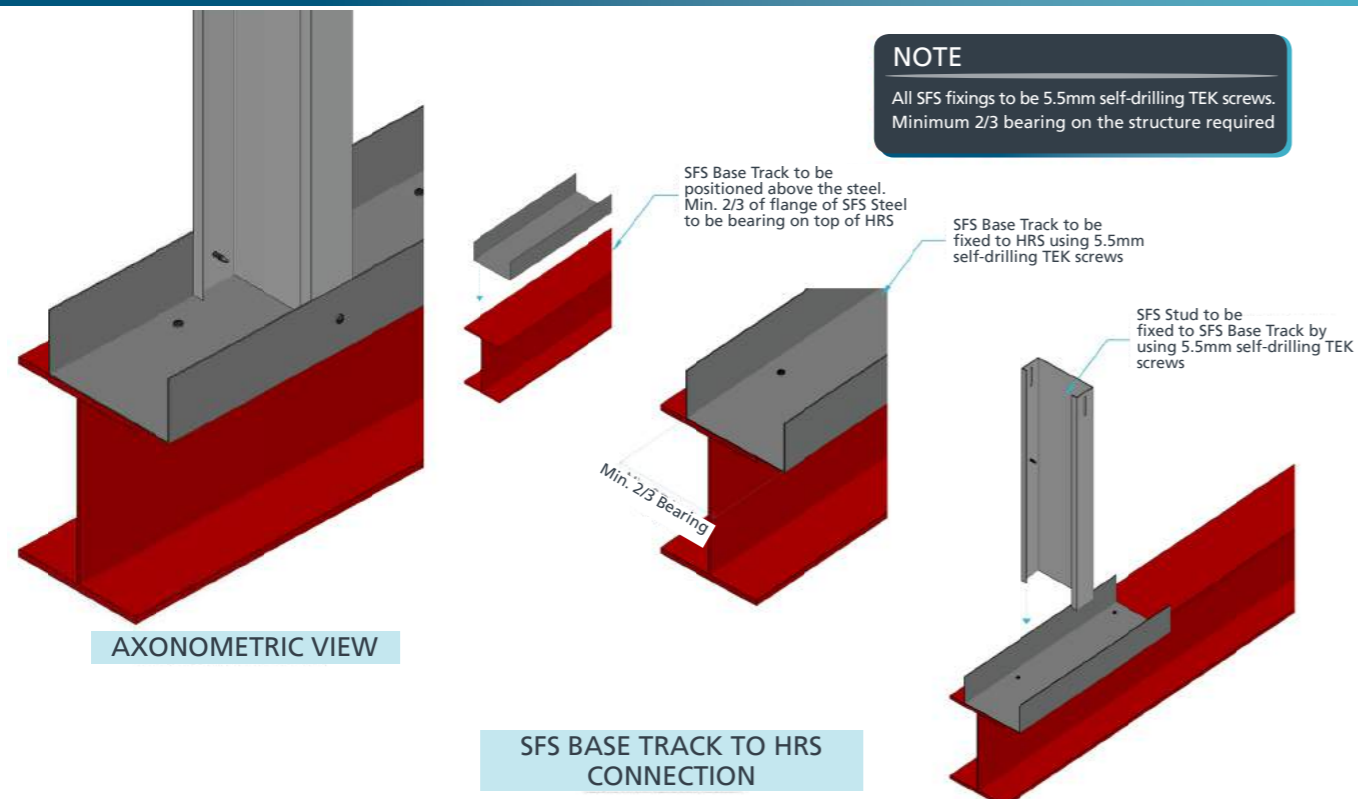
D01 TRACK TO CONCRETE CONNECTION



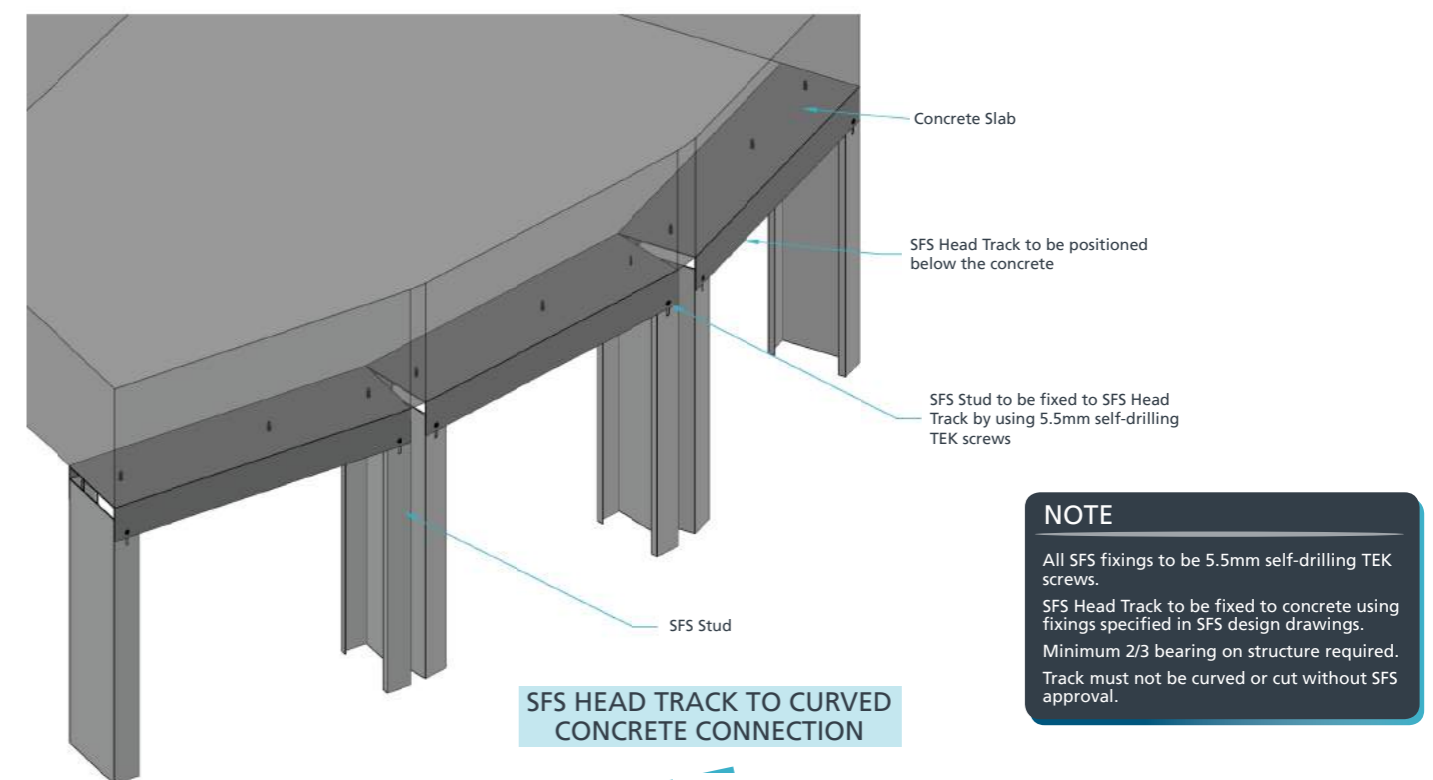
D03 HEAD TRACK TO HRS CONNECTION DETAIL



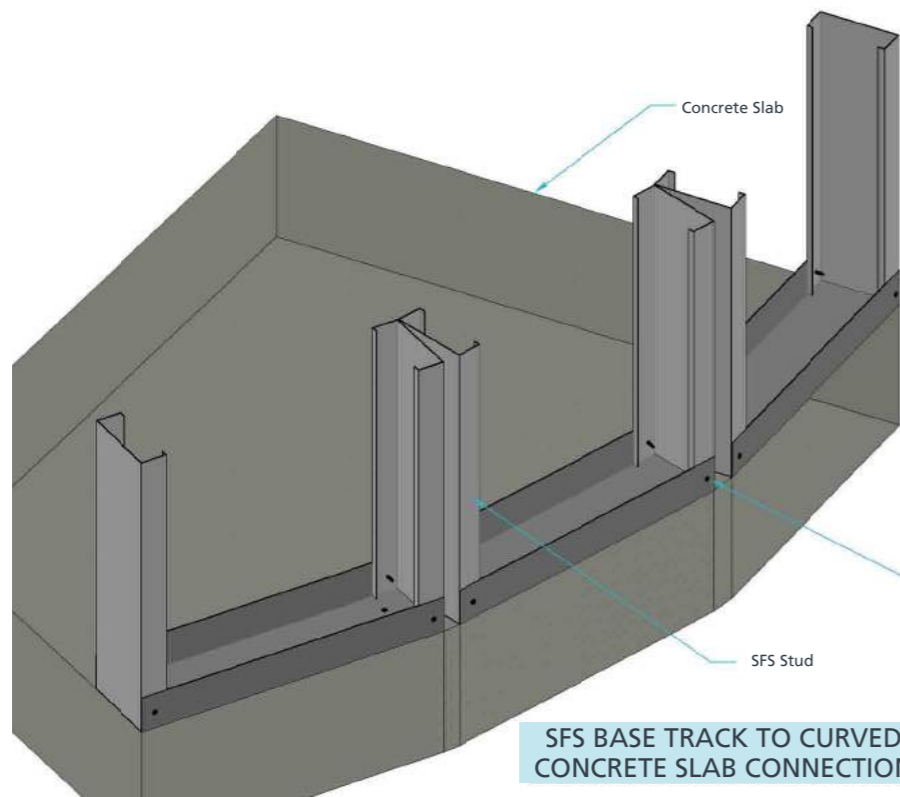
D02 BASE TRACK TO HRS CONNECTION



D04 HEAD TRACK TO CURVED CONCRETE CONNECTION



D05 TRACK TO CONCRETE CONNECTION

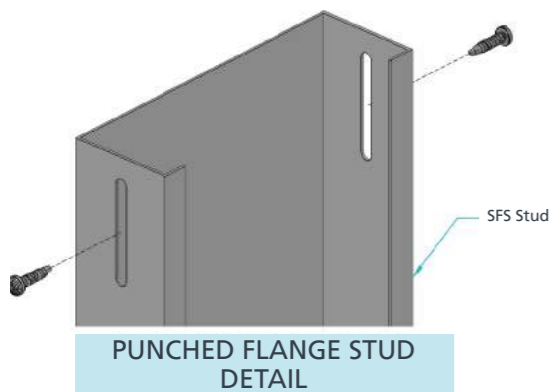


NOTE
 All SFS fixings to be 5.5mm self-drilling TEK screws.
 SFS Base Track to be fixed to concrete using fixings specified in SFS design drawings.
 Minimum 2/3 bearing on structure required.
 Track must not be curved or cut without SFS approval.

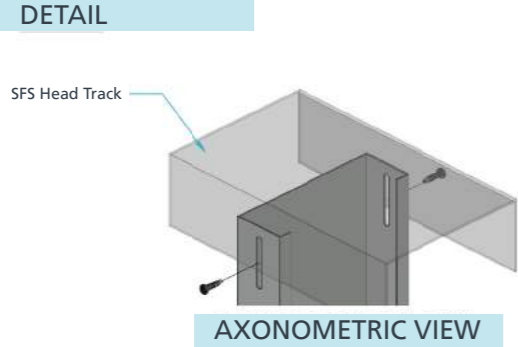
SFS Stud to be fixed to SFS Base Track by using 5.5mm self-drilling TEK screws

SFS BASE TRACK TO CURVED CONCRETE SLAB CONNECTION

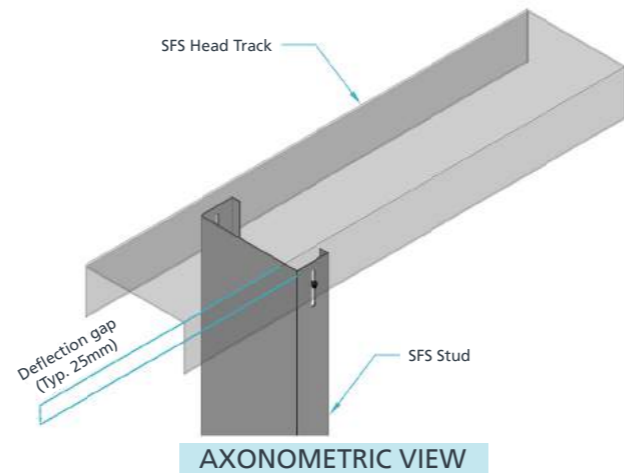
D06 PUNCHED FLANGE STUD DETAIL



NOTE
 All SFS fixings to be 5.5mm self-drilling TEK screws.
 Deflection gap to be maintained at all times and not impeded from movement in all way.
 The fixings should be positioned centrally and through the slotted hole provided.

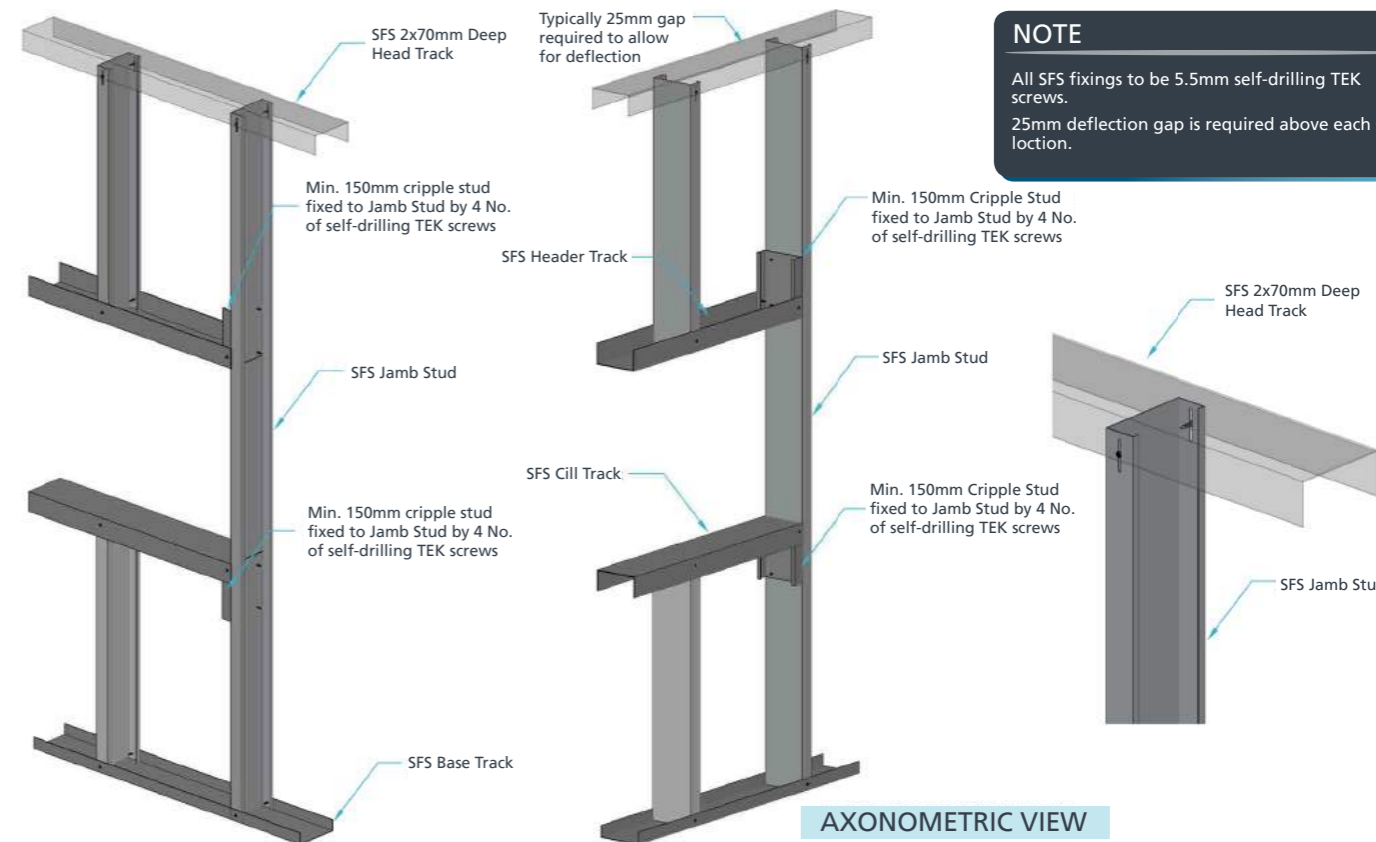


AXONOMETRIC VIEW



AXONOMETRIC VIEW

D07 SINGLE JAMB STUD



NOTE
 All SFS fixings to be 5.5mm self-drilling TEK screws.
 25mm deflection gap is required above each stud location.

Typically 25mm gap required to allow for deflection

Min. 150mm Cripple Stud fixed to Jamb Stud by 4 No. of self-drilling TEK screws

Min. 150mm cripple stud fixed to Jamb Stud by 4 No. of self-drilling TEK screws

Min. 150mm cripple stud fixed to Jamb Stud by 4 No. of self-drilling TEK screws

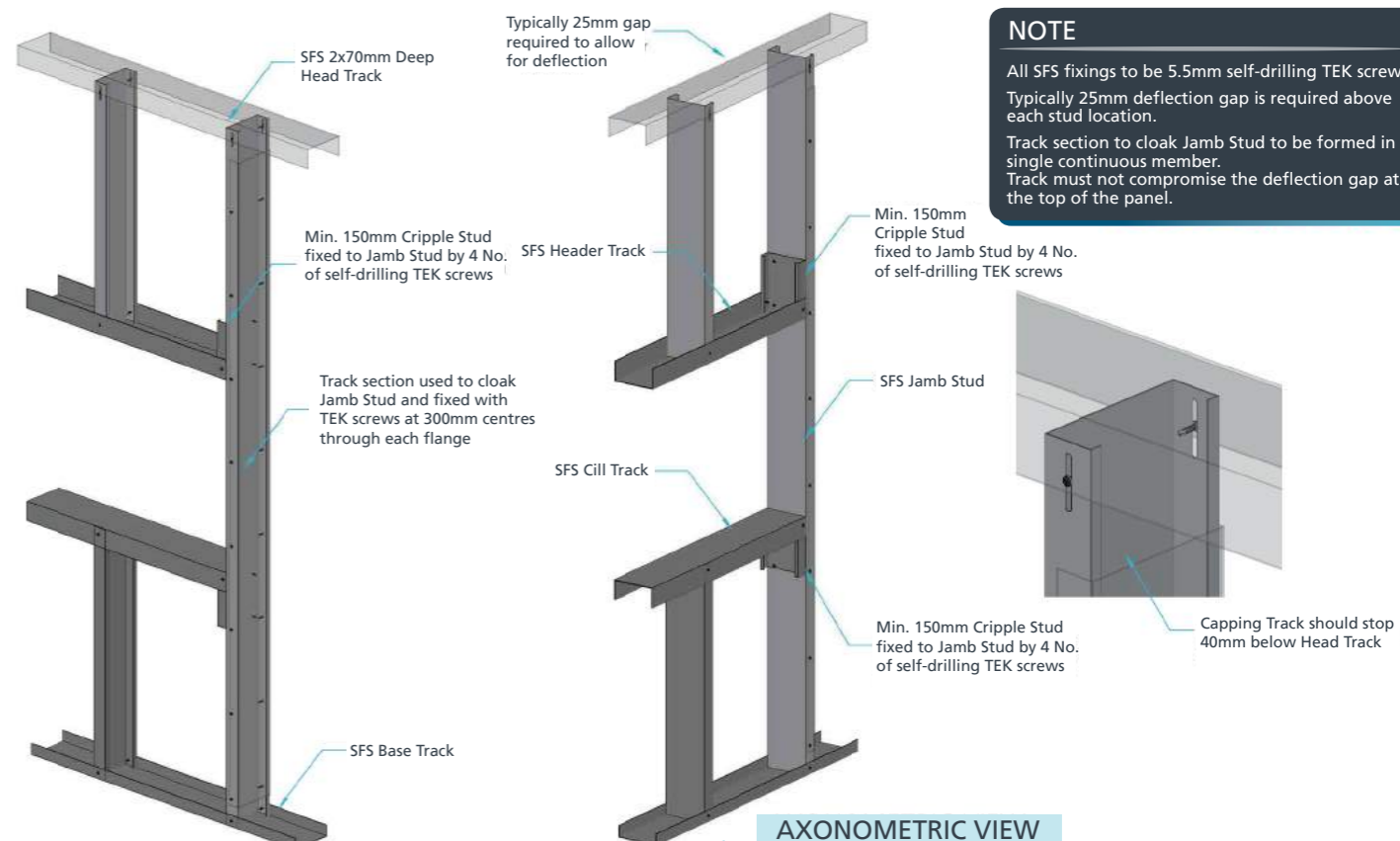
Min. 150mm Cripple Stud fixed to Jamb Stud by 4 No. of self-drilling TEK screws

SFS 2x70mm Deep Head Track

SFS Jamb Stud

AXONOMETRIC VIEW

D08 NESTED JAMB STUD



NOTE
 All SFS fixings to be 5.5mm self-drilling TEK screws.
 Typically 25mm deflection gap is required above each stud location.
 Track section to cloak Jamb Stud to be formed in a single continuous member.
 Track must not compromise the deflection gap at the top of the panel.

Typically 25mm gap required to allow for deflection

Min. 150mm Cripple Stud fixed to Jamb Stud by 4 No. of self-drilling TEK screws

Min. 150mm Cripple Stud fixed to Jamb Stud by 4 No. of self-drilling TEK screws

Track section used to cloak Jamb Stud and fixed with TEK screws at 300mm centres through each flange

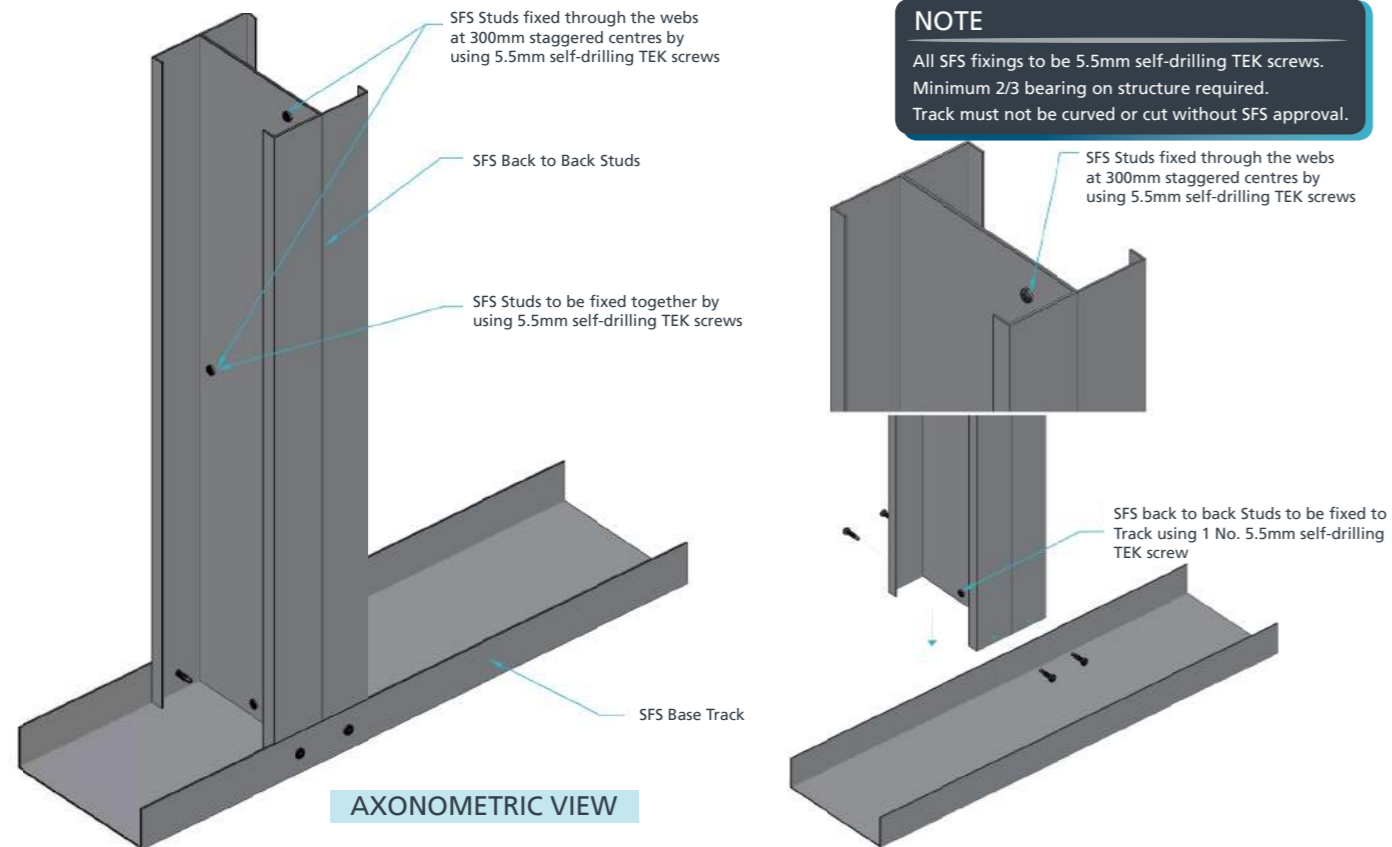
SFS Base Track

Min. 150mm Cripple Stud fixed to Jamb Stud by 4 No. of self-drilling TEK screws

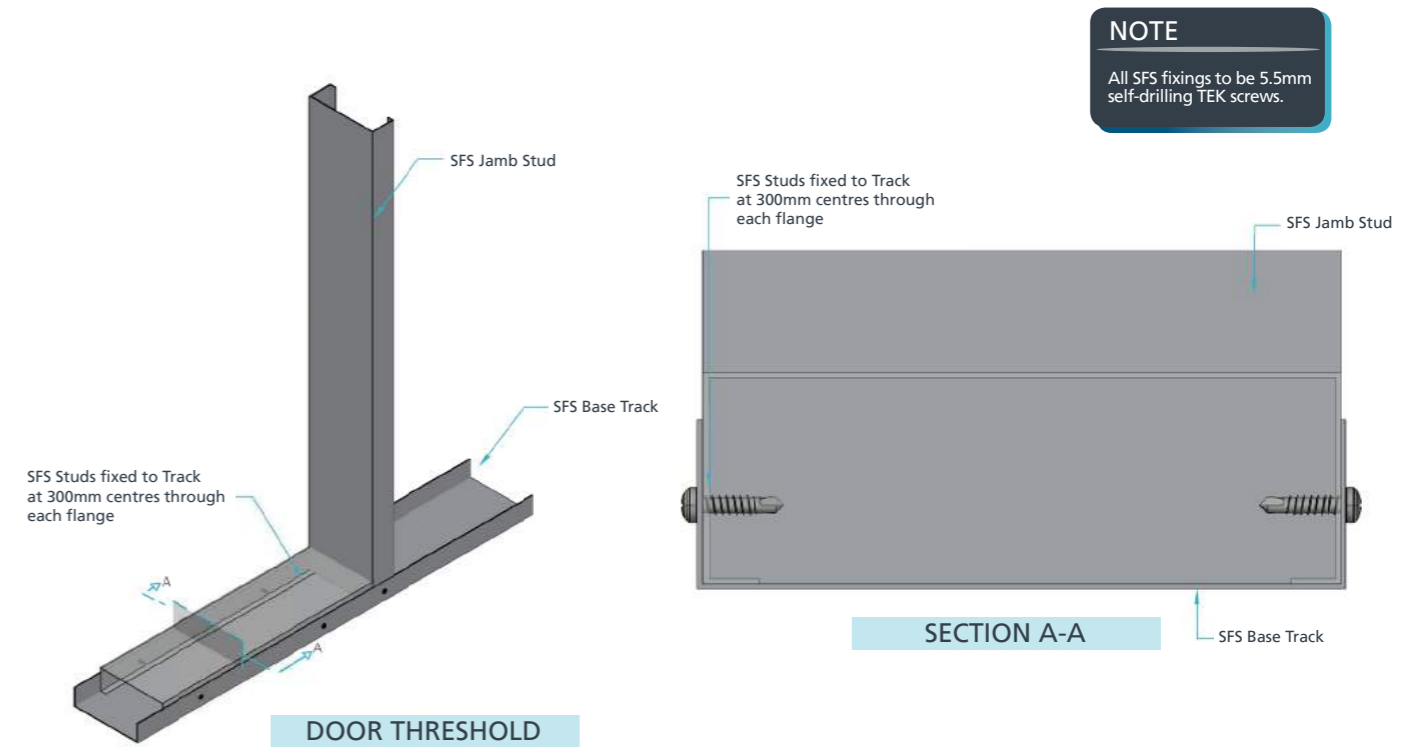
Capping Track should stop 40mm below Head Track

AXONOMETRIC VIEW

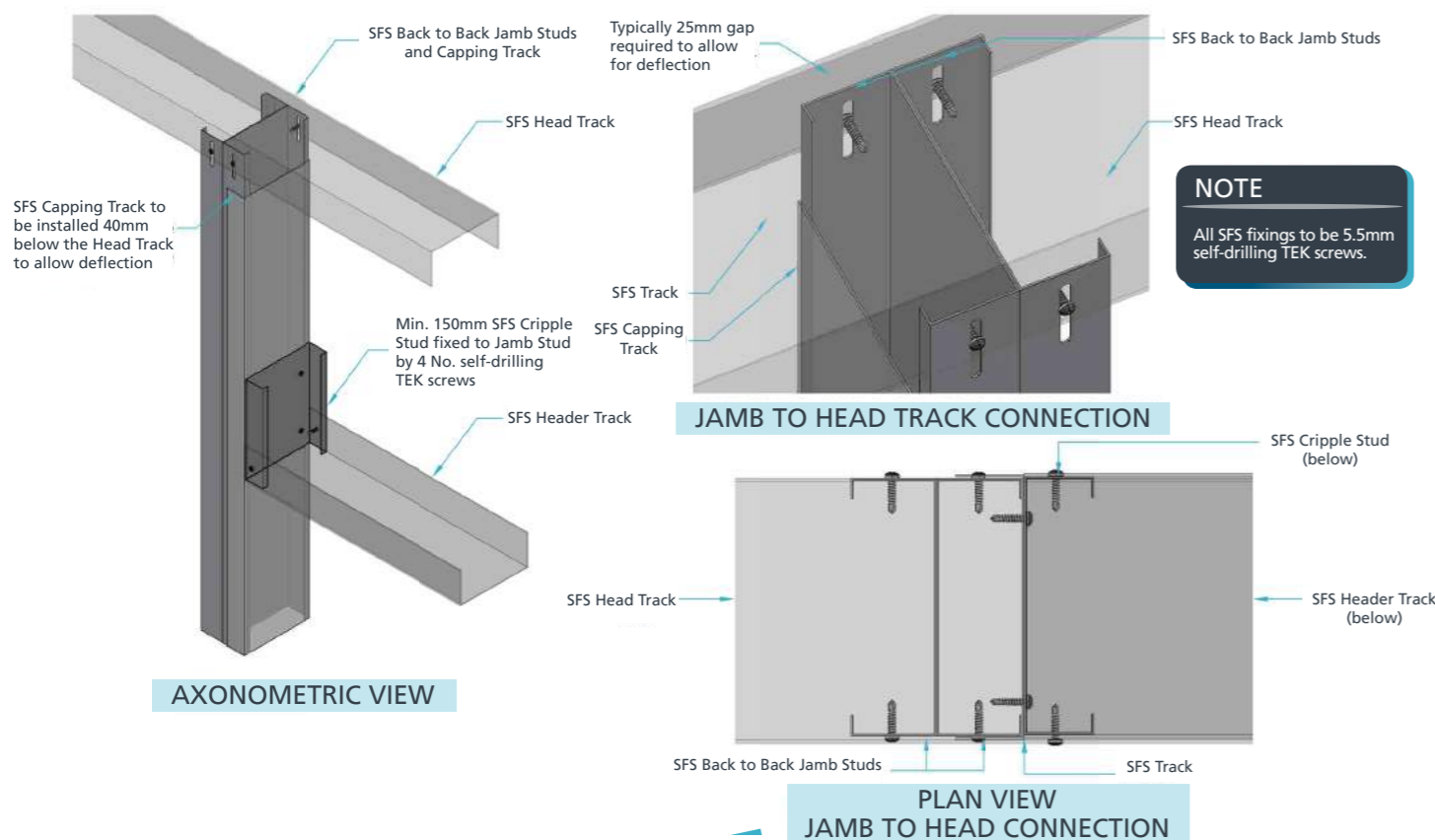
D09 BACK TO BACK STUD CONNECTION



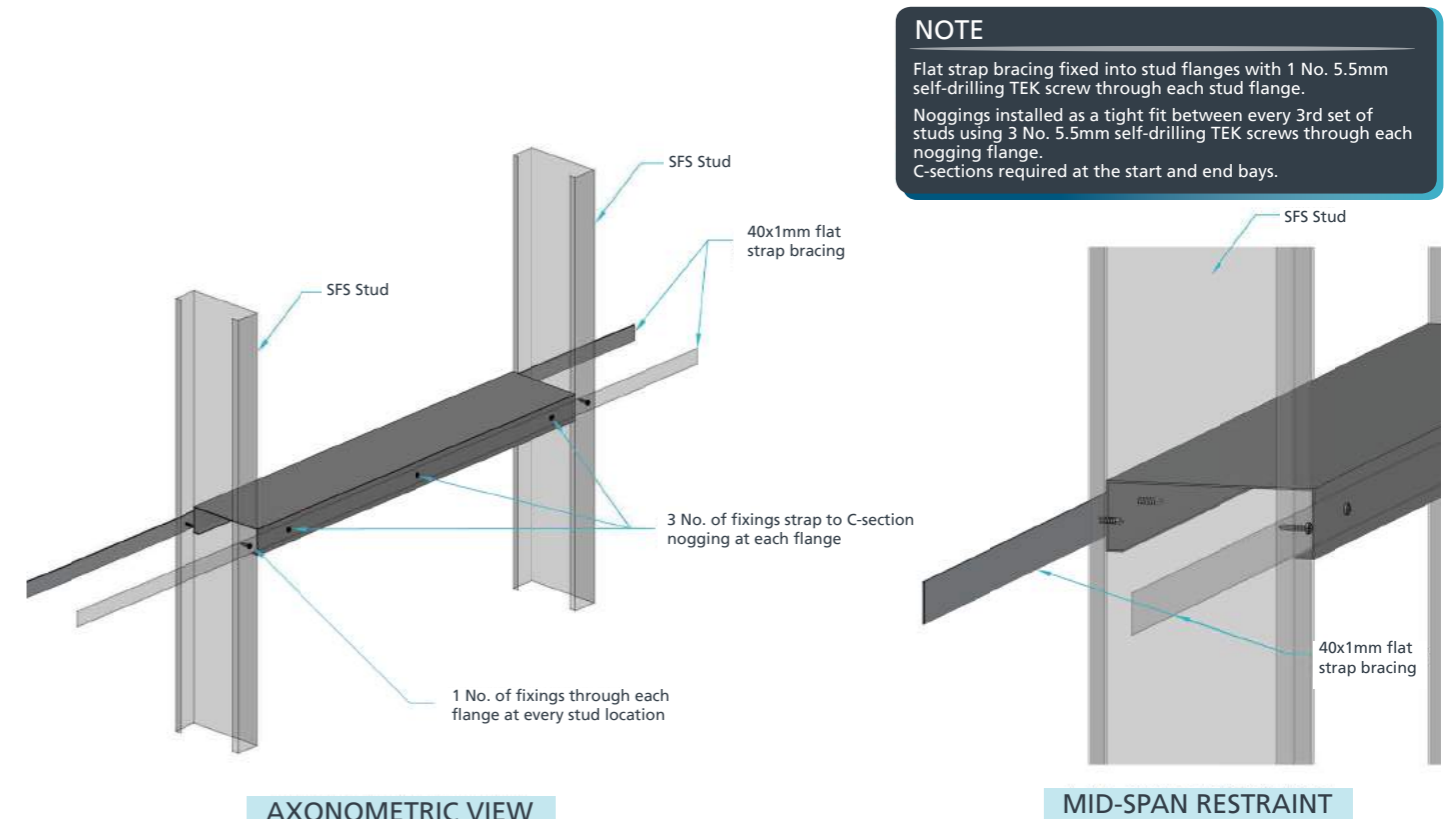
D11 DOOR THRESHOLD



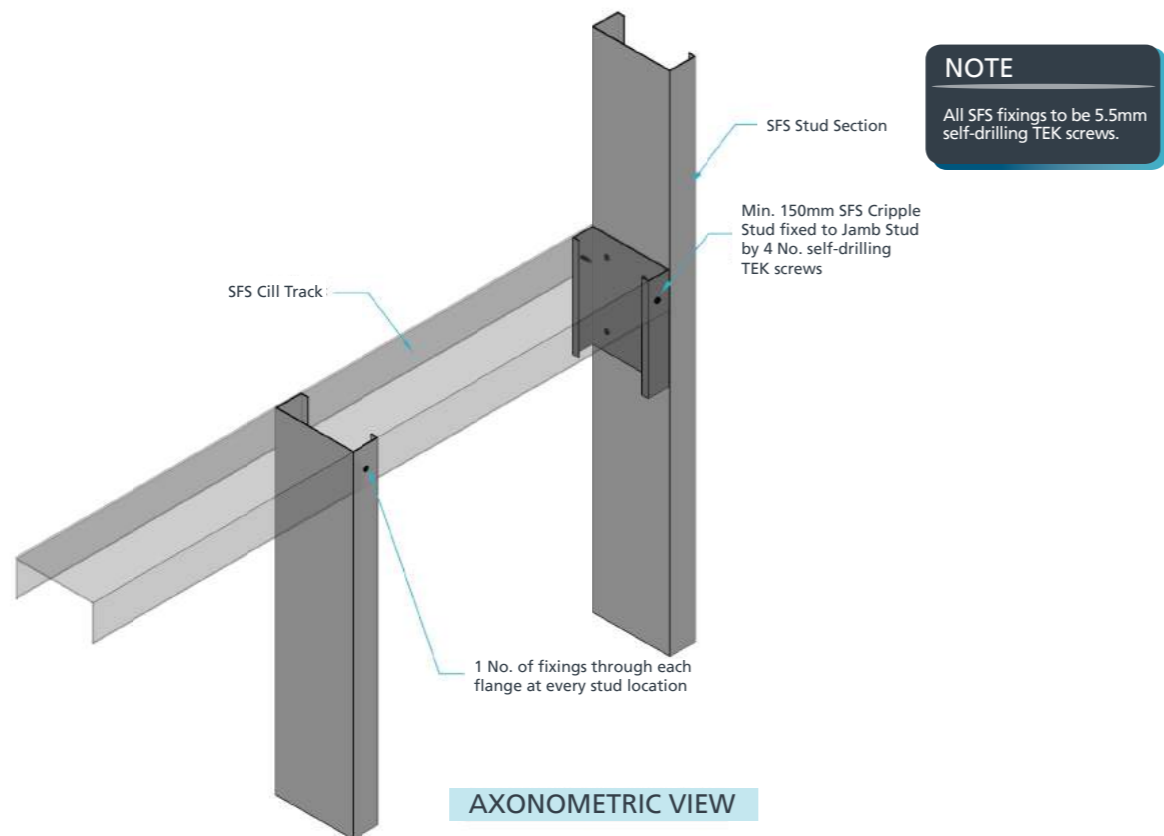
D10 THREE PIECE JAMB DETAIL



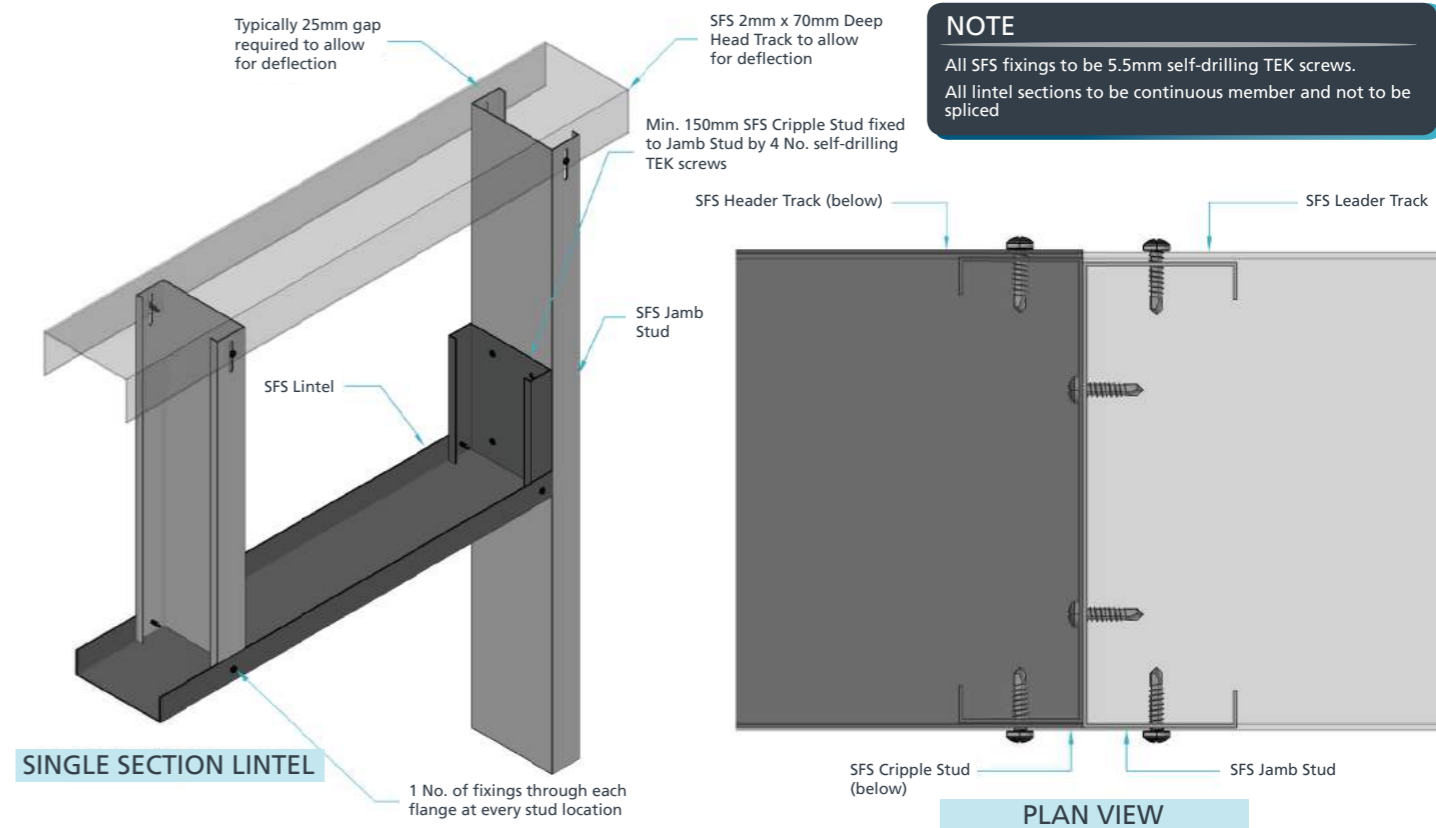
D12 MID SPAN RESTRAINT



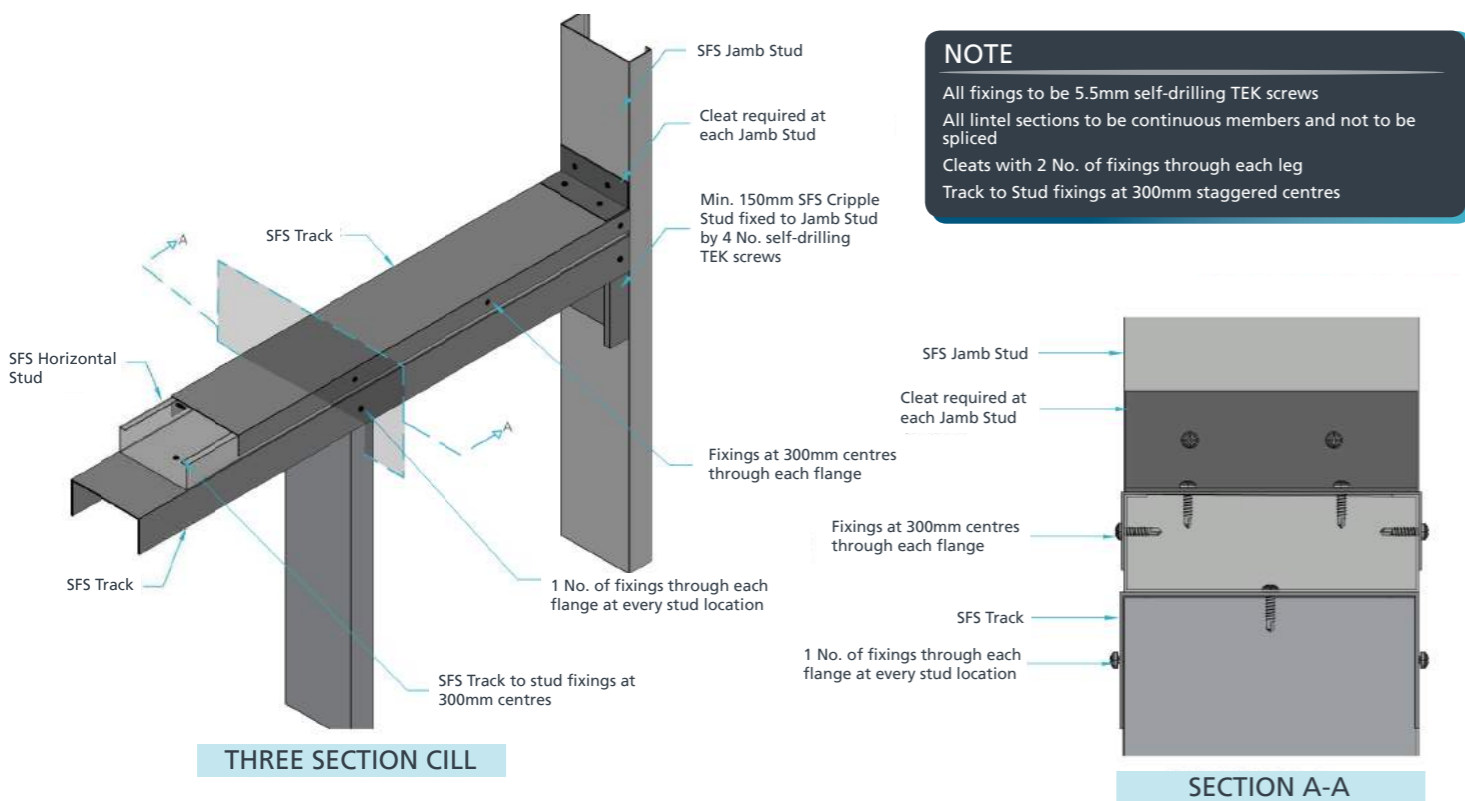
D13 SINGLE SECTION CILL



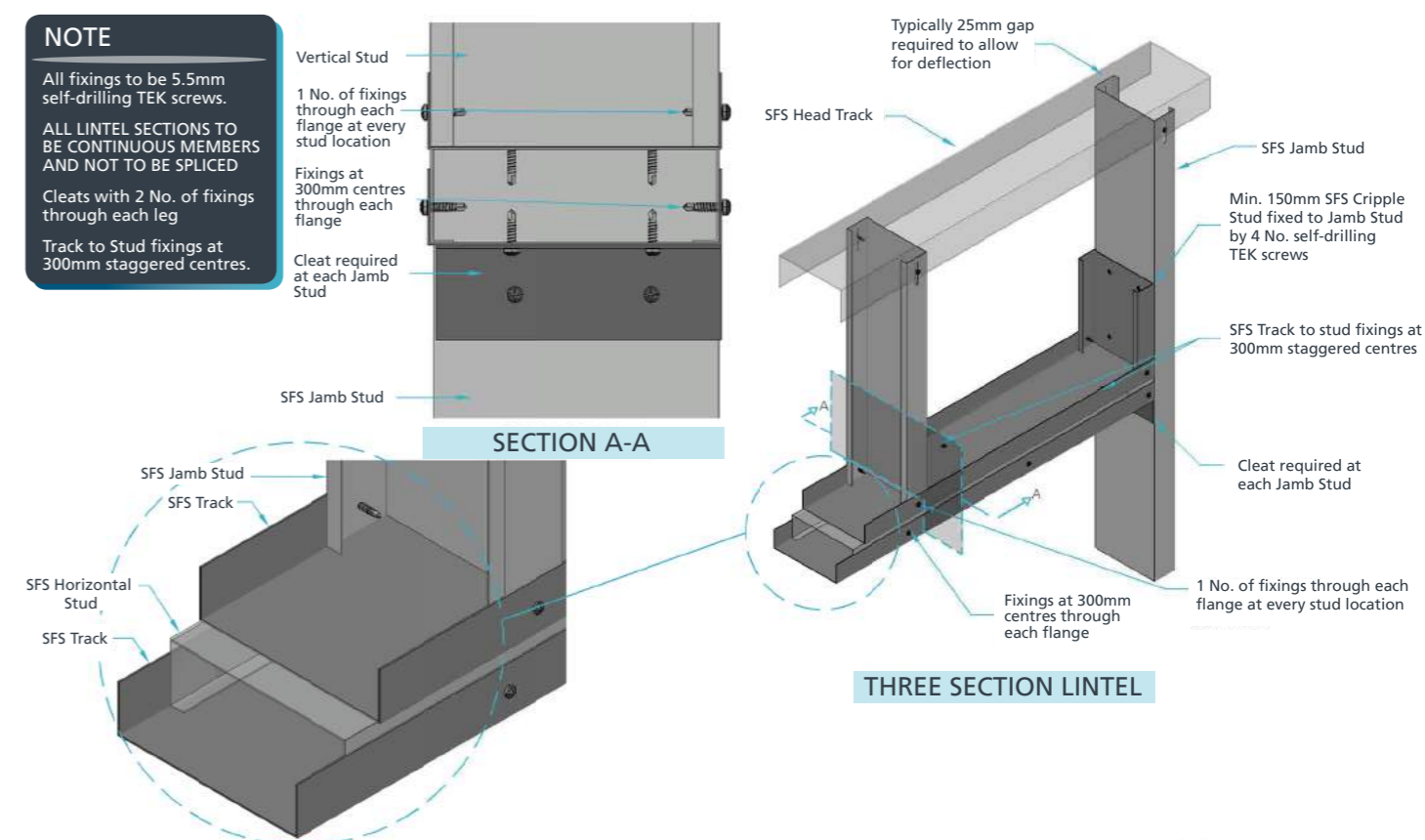
D15 SINGLE SECTION LINTEL



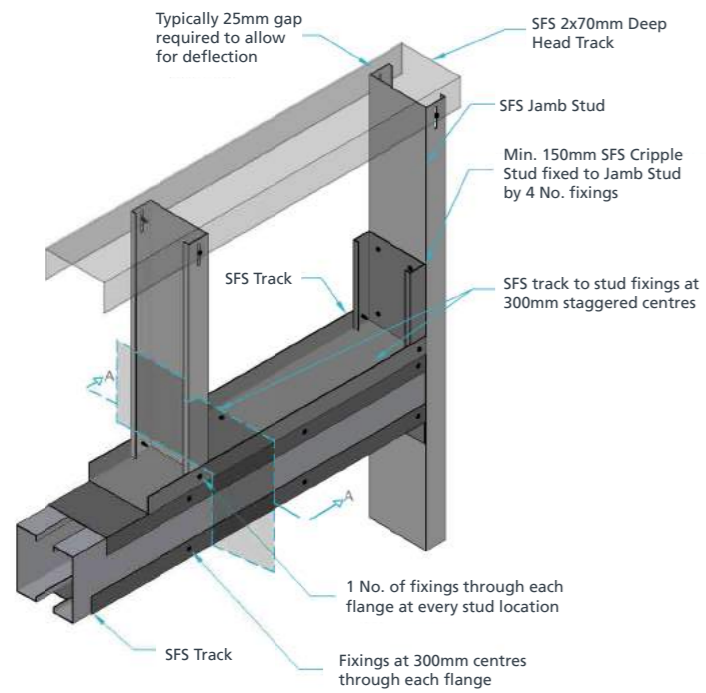
D14 THREE SECTION CILL



D16 THREE SECTION LINTEL



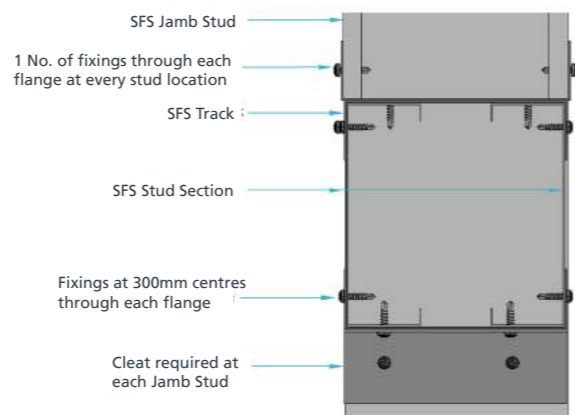
D17 FIVE SECTION LINTEL



AXONOMETRIC VIEW

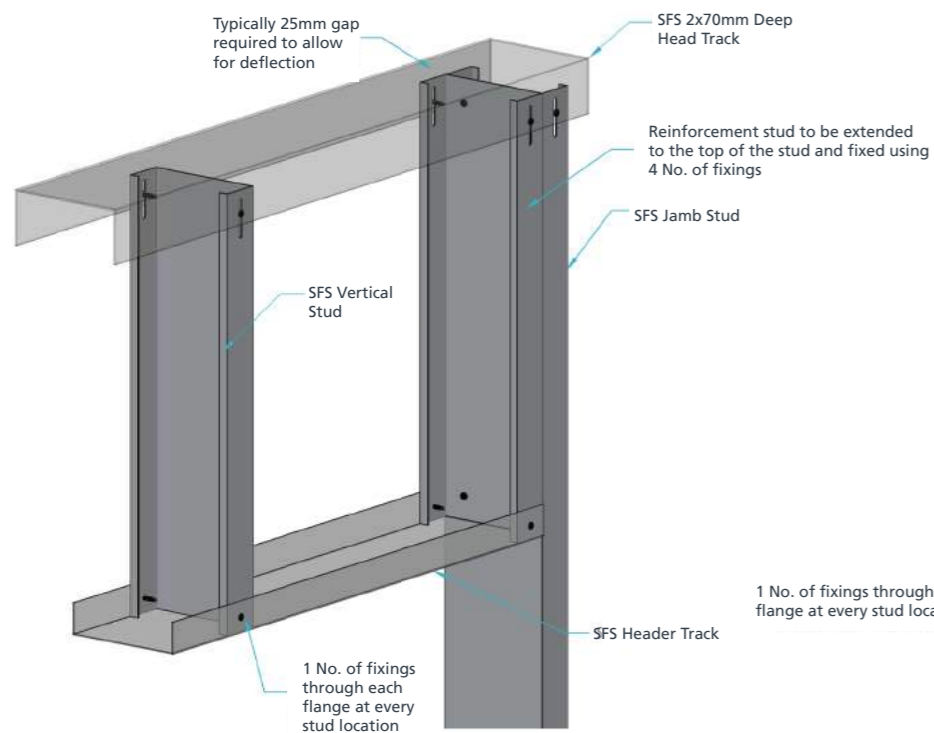
NOTE

All fixings to be 5.5mm self-drilling TEK screws.
ALL LINTEL SECTIONS TO BE CONTINUOUS MEMBERS AND NOT TO BE SPLICED
 Cleats with 2 No. of fixings through each leg
 Track to Stud fixings at 300mm staggered centres.



SECTION A-A

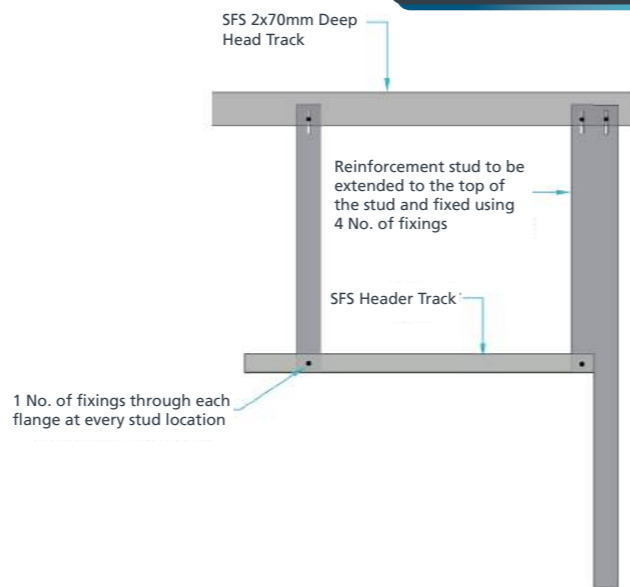
D18 HEAD REINFORCEMENT DETAIL



AXONOMETRIC VIEW

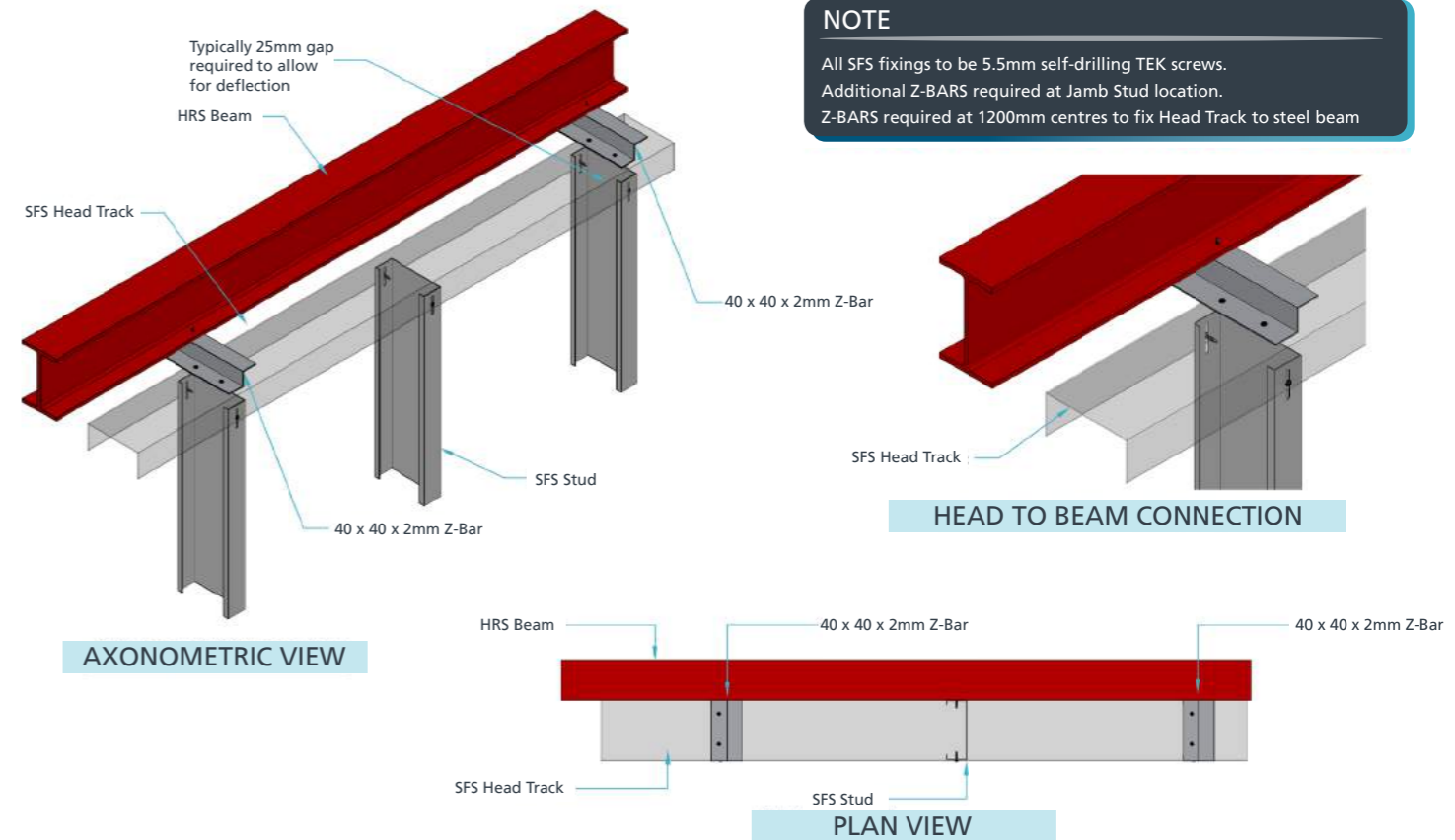
NOTE

All fixings to be 5.5mm self-drilling TEK screws.
ALL LINTEL SECTIONS TO BE CONTINUOUS MEMBERS AND NOT TO BE SPLICED



ELEVATION A-A

D19 Z BAR CONNECTION DETAIL



AXONOMETRIC VIEW

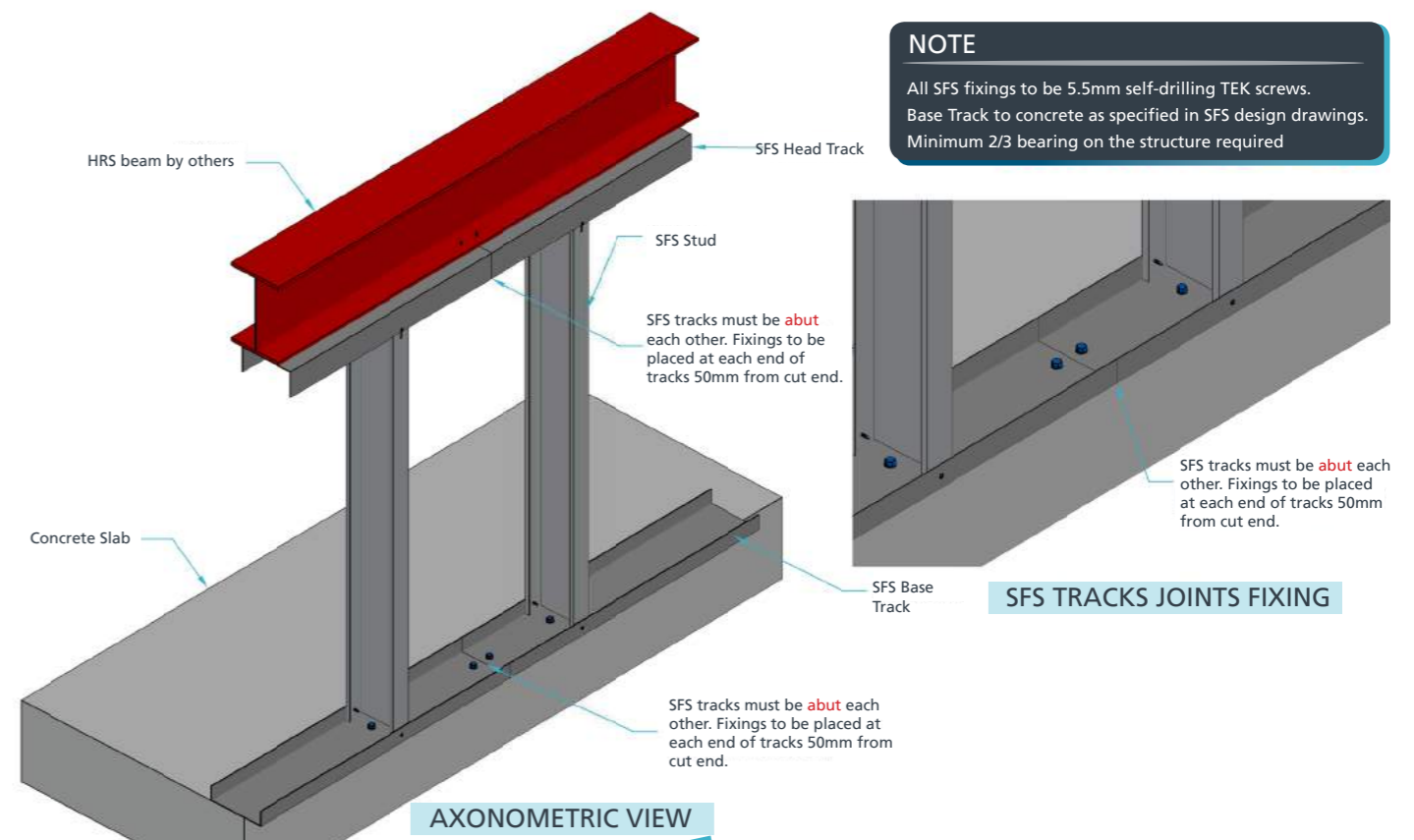
NOTE

All SFS fixings to be 5.5mm self-drilling TEK screws.
 Additional Z-BARS required at Jamb Stud location.
 Z-BARS required at 1200mm centres to fix Head Track to steel beam

HEAD TO BEAM CONNECTION

PLAN VIEW

D20 SFS TRACK JOINTS FIXING



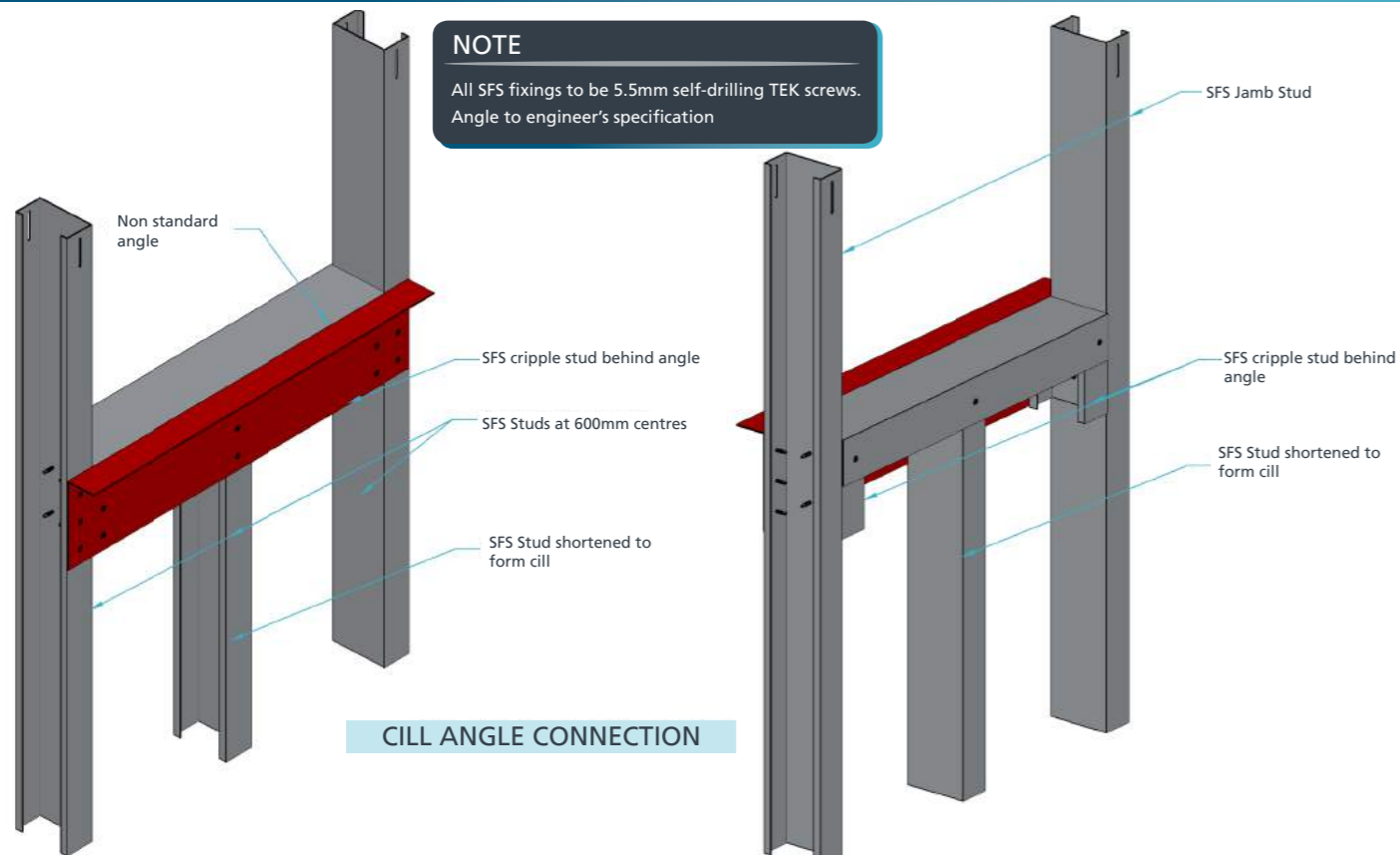
AXONOMETRIC VIEW

NOTE

All SFS fixings to be 5.5mm self-drilling TEK screws.
 Base Track to concrete as specified in SFS design drawings.
 Minimum 2/3 bearing on the structure required

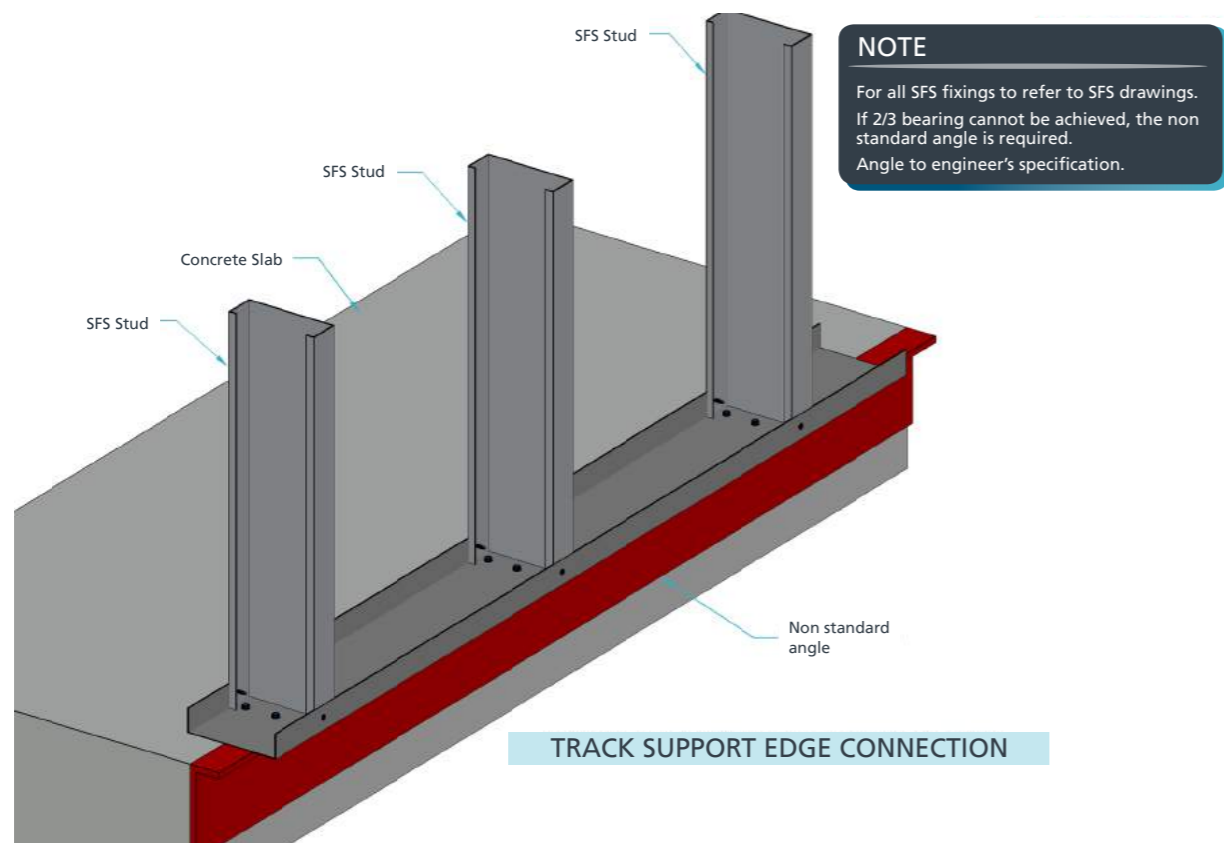
SFS TRACKS JOINTS FIXING

D21 CILL ANGLE CONNECTION



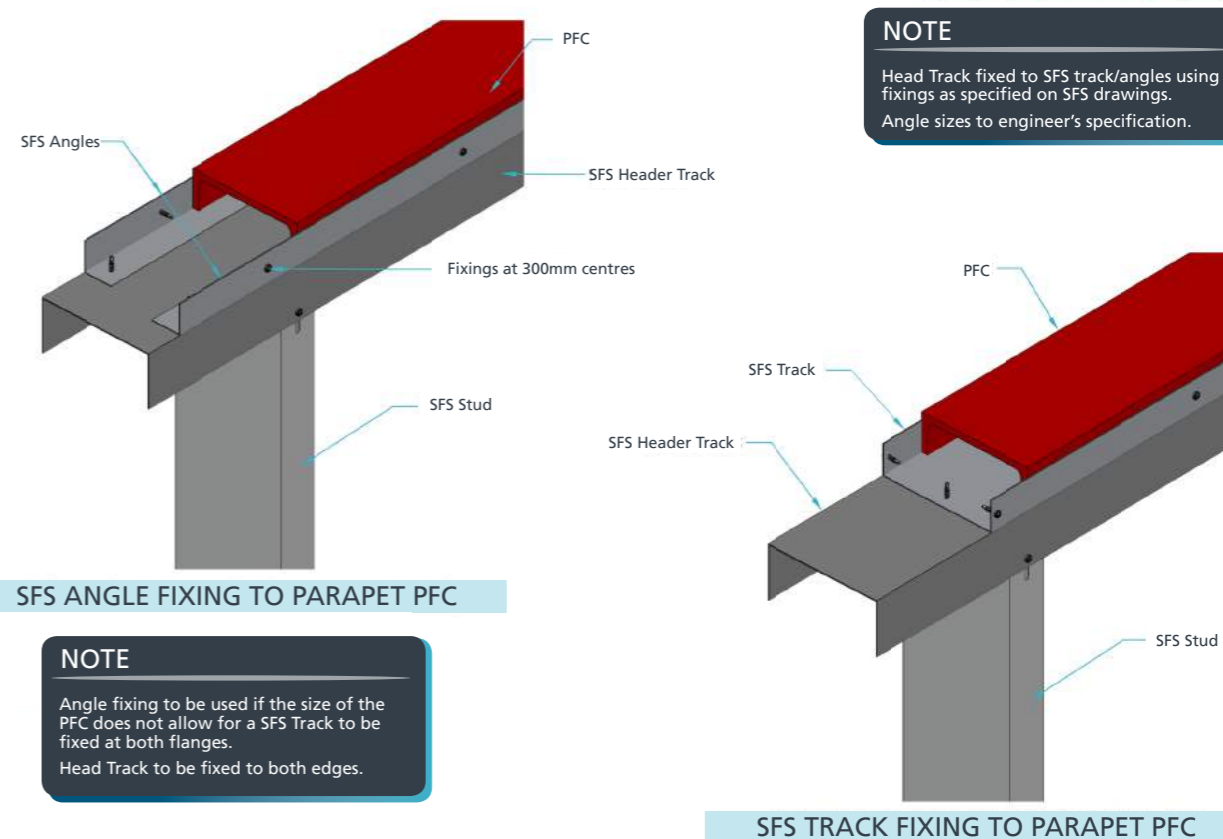
CILL ANGLE CONNECTION

D22 TRACK SUPPORT EDGE CONNECTION DETAIL



TRACK SUPPORT EDGE CONNECTION

D23 SFS TRACK ANGLES FIXINGS AT PFC PARAPET

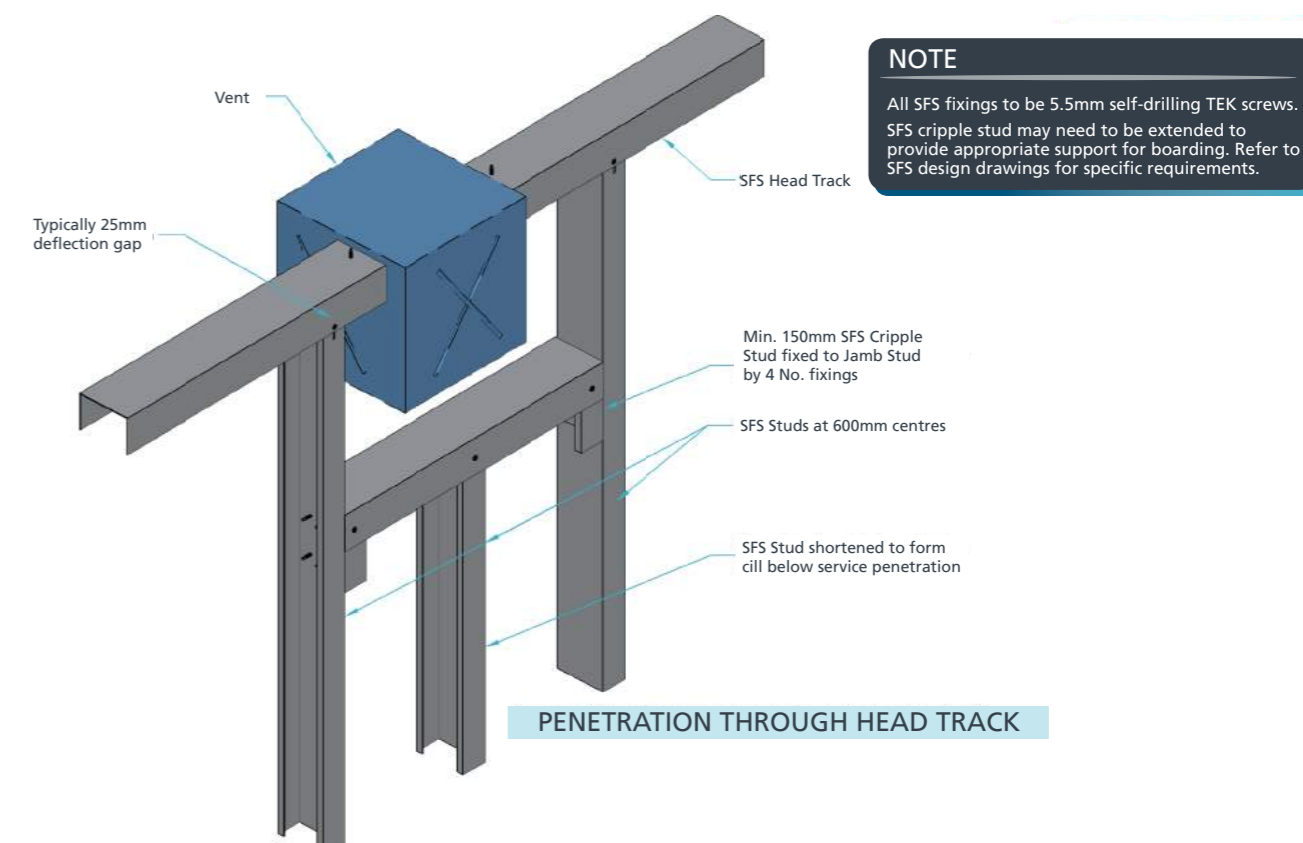


SFS ANGLE FIXING TO PARAPET PFC

SFS TRACK FIXING TO PARAPET PFC

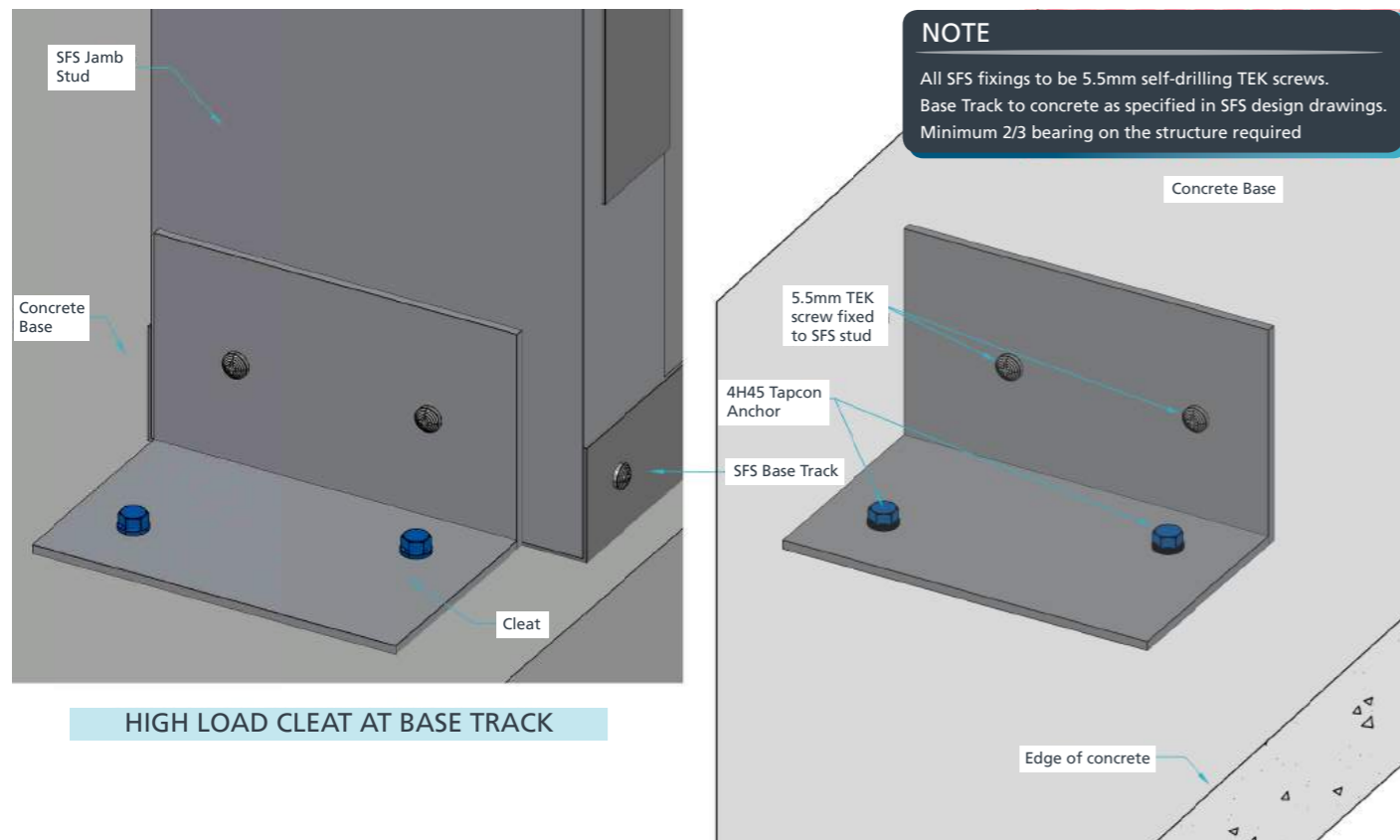
NOTE
Angle fixing to be used if the size of the PFC does not allow for a SFS Track to be fixed at both flanges.
Head Track to be fixed to both edges.

D24 PENETRATION THROUGH SFS HEAD TRACK



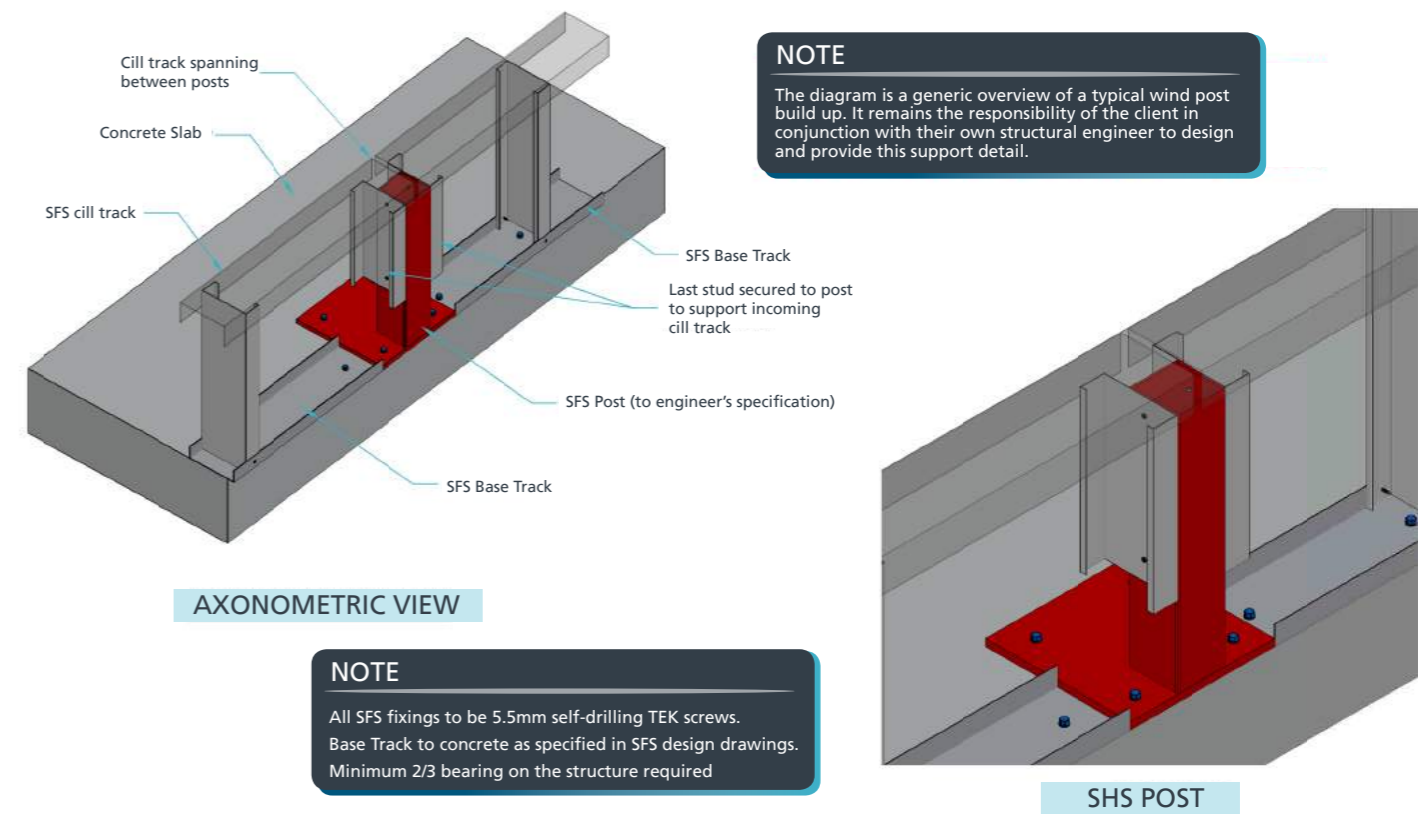
PENETRATION THROUGH HEAD TRACK

D25 HIGH LOAD CLEAT AT BASE TRACK



HIGH LOAD CLEAT AT BASE TRACK

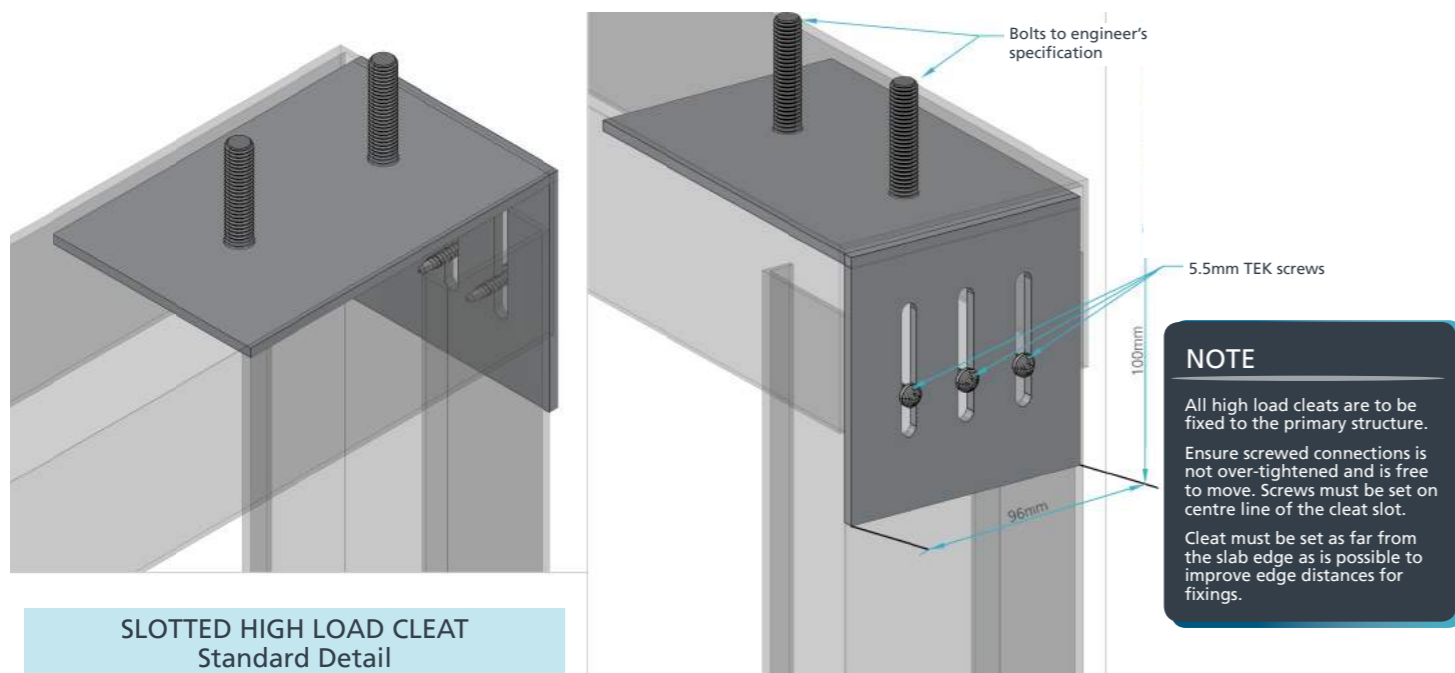
D27 SFS TYPICAL WIND POST



AXONOMETRIC VIEW

SHS POST

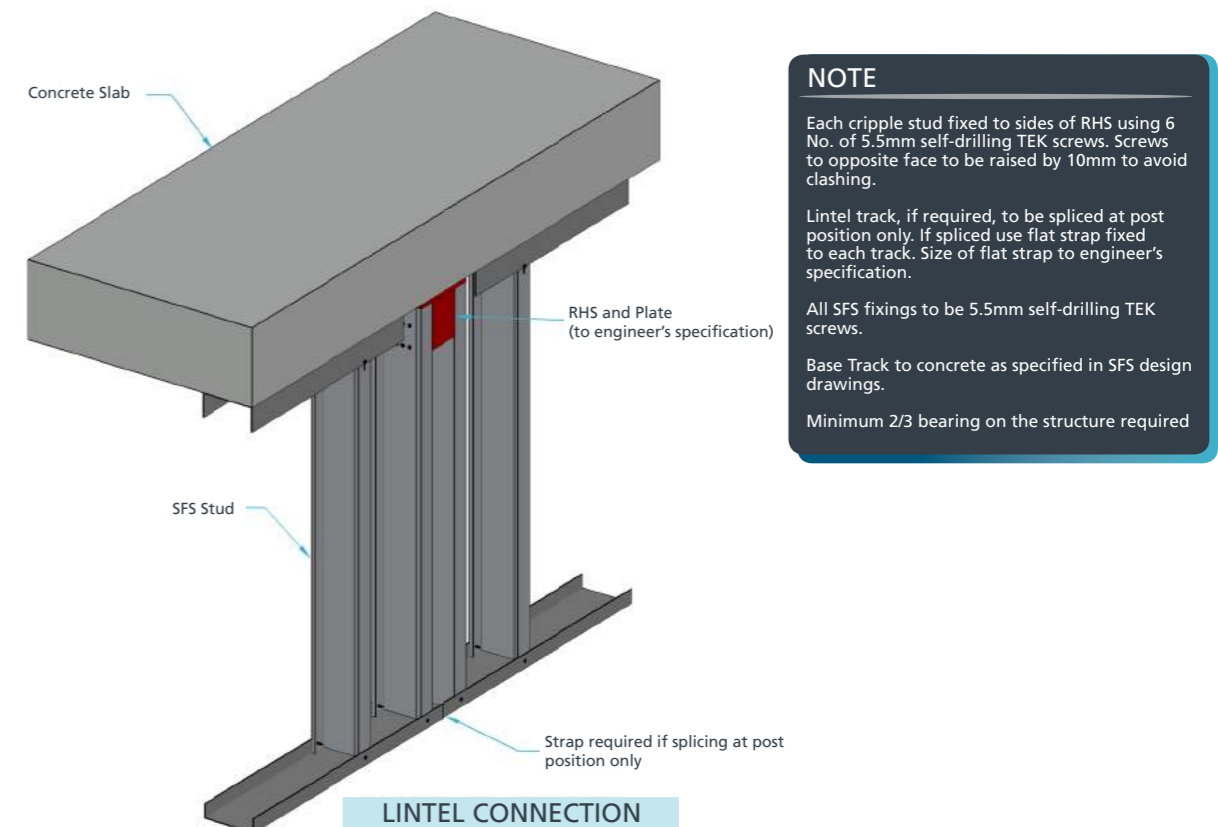
D26 SLOTTED HIGH LOAD CLEAT



SLOTTED HIGH LOAD CLEAT Standard Detail

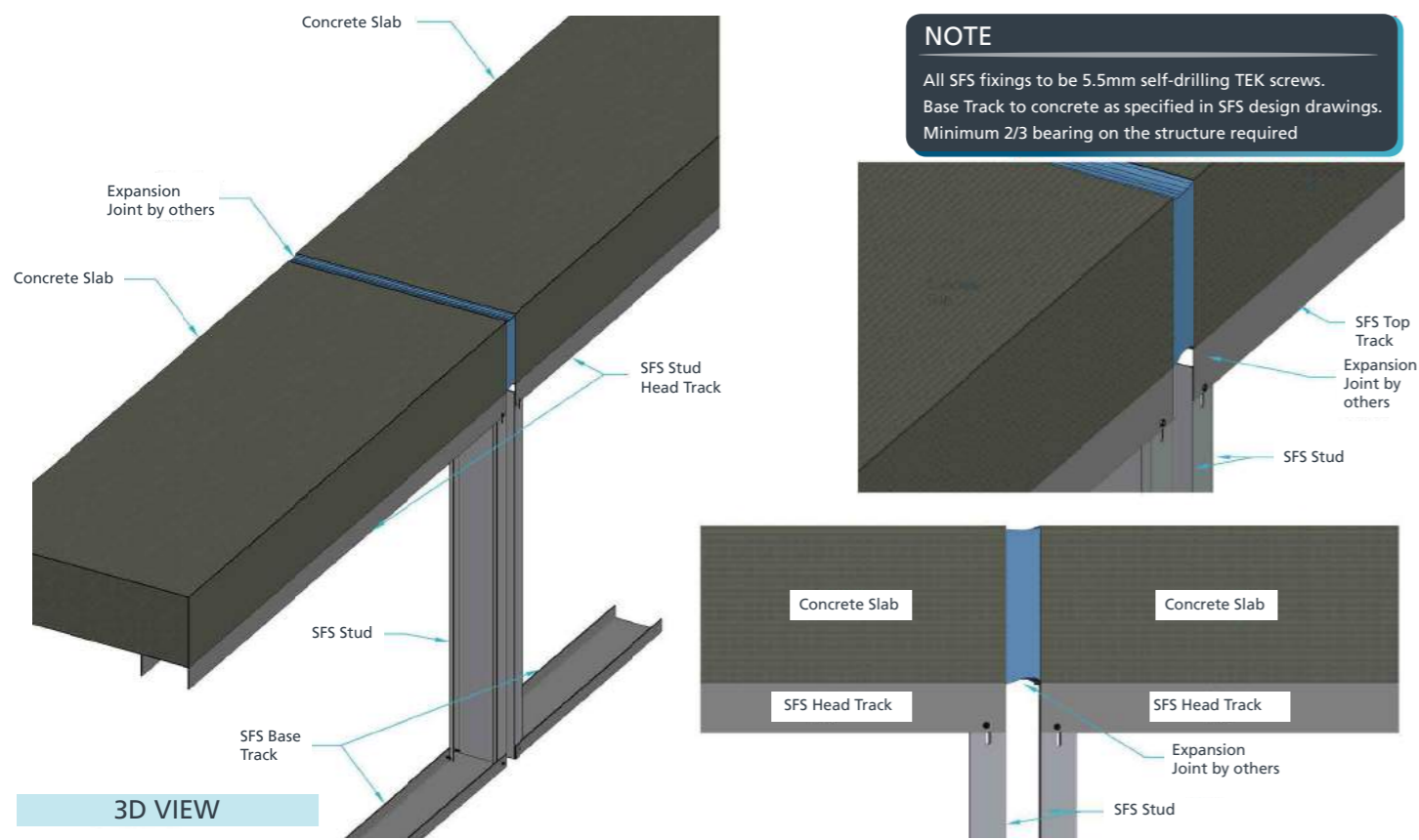
SLOTS = 50 x 6.5mm located 22.5mm from top and bottom edge of HLC. TEK screws to be 5.5mm in diameter.

D28 LINTEL CONNECTION

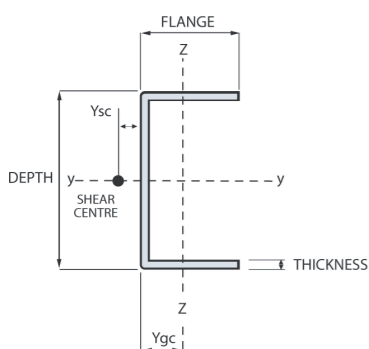


LINTEL CONNECTION

D29 EXPANSION JOINT DETAIL



TRACK SECTION PROPERTIES TO BS EN 1993-1-3:2006



All Steel Formed Sections stud and track sections are designed to be used in combination to form an infill wall support system, set inside the main structural frame or a continuous wall support system set outside the main structural frame.

All sections are manufactured from pre-hot dipped galvanised steel strip S450, having a yield strength of 450N/mm² and a Z275 galvanised coating.

Stud sections are primarily used as vertical members resisting lateral forces, track sections as top and bottom runners. Stud and tracks are used singly or in compounded members to provide support framing around openings.

Section properties listed on these pages have been calculated in accordance with BS EN 1993-1-3:2006.

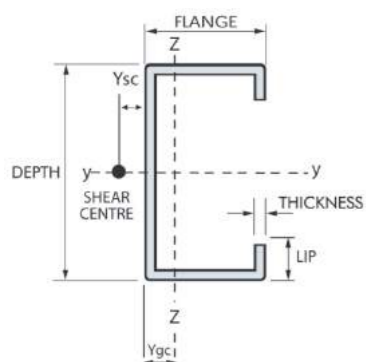
TRACKS BS 5950-5:1998

Section Reference	Dimensions							Gross Section							Major Axis Bending		Minor Axis Bending		Compression			
	Mass (kg/m)	W (mm)	F1 (mm)	F2 (mm)	Li (mm)	T (mm)	Internal radius ri (mm)	O/A Galv (mm)	Area (mm ²)	I _{xx} (cm ⁴)	I _{yy} (cm ⁴)	r _x (cm)	r _y (cm)	Z _{xx} (cm ³)	Z _{yy} (cm ³)	I _{xx} Effective (cm ⁴)	Z _{xx} Effective (cm ³)	P ₀ (N/mm ²)	M _{cy} Web Comp (kNm)	M _{cy} Web Tension (kNm)	e _s (mm)	Q
SFS74T1240	1.41	74.00	40.00	-	-	1.20	2.40	0.04	178.83	15.84	2.88	3.00	1.28	4.35	0.99	12.42	2.98	440.48	0.70	0.16	-4.20	0.39
SFS74T1870	2.92	74.00	70.00	-	-	1.80	3.60	0.04	371.77	37.22	19.63	3.17	2.30	10.31	4.23	27.12	6.21	450.00	3.03	0.59	-4.42	0.53
SFS74T2070	3.23	74.00	70.00	-	-	2.00	4.00	0.04	411.42	41.15	21.76	3.16	2.30	11.43	4.70	31.01	7.24	450.00	3.45	0.77	-3.00	0.57
SFS79T1240	1.45	79.00	40.00	-	-	1.20	2.40	0.04	184.83	18.38	2.94	3.18	1.27	4.72	1.00	14.49	3.26	435.80	0.70	0.16	-4.33	0.37
SFS79T1540	1.80	79.00	40.00	-	-	1.50	3.00	0.04	229.17	22.87	3.66	3.17	1.27	5.90	1.25	19.07	4.43	450.00	0.95	0.29	-3.28	0.46
SFS79T1870	2.99	79.00	70.00	-	-	1.80	3.60	0.04	380.77	42.98	20.07	3.37	2.30	11.14	4.28	31.44	6.76	450.00	3.05	0.59	-5.18	0.50
SFS79T2070	3.31	79.00	70.00	-	-	2.00	4.00	0.04	421.42	47.55	22.25	3.36	2.30	12.35	4.75	35.93	7.87	450.00	3.49	0.77	-3.75	0.55
SFS94T1240	1.59	94.00	40.00	-	-	1.20	2.40	0.04	202.83	27.40	3.10	3.71	1.25	5.90	1.02	21.89	4.18	421.79	0.70	0.16	-4.48	0.32
SFS94T1270	2.16	94.00	70.00	-	-	1.20	2.40	0.04	274.83	42.38	14.22	3.97	2.30	9.13	2.93	28.57	4.97	421.79	1.72	0.22	-10.52	0.30
SFS94T1870	3.21	94.00	70.00	-	-	1.80	3.60	0.04	407.77	63.18	21.28	3.95	2.29	13.70	4.40	46.70	8.50	450.00	3.08	0.60	-6.85	0.44
SFS94T2070	3.55	94.00	70.00	-	-	2.00	4.00	0.04	451.42	69.94	23.60	3.94	2.29	15.21	4.89	53.28	9.86	450.00	3.56	0.78	-5.61	0.49
SFS104T1240	1.69	104.00	40.00	-	-	1.20	2.40	0.04	214.83	34.64	3.19	4.06	1.23	6.74	1.03	27.92	4.85	412.44	0.71	0.16	-4.47	0.30
SFS104T1270	2.25	104.00	70.00	-	-	1.20	2.40	0.04	286.83	53.03	14.70	4.35	2.29	10.32	2.97	36.25	5.75	412.44	1.72	0.22	-10.66	0.28
SFS104T1540	2.10	104.00	40.00	-	-	1.50	3.00	0.04	266.67	43.19	3.97	4.04	1.23	8.43	1.29	36.50	6.50	432.40	0.95	0.30	-3.82	0.37
SFS104T1870	3.35	104.00	70.00	-	-	1.80	3.60	0.04	425.77	79.16	22.01	4.33	2.28	15.49	4.47	58.98	9.76	445.56	3.09	0.60	-7.54	0.41
SFS104T2070	3.71	104.00	70.00	-	-	2.00	4.00	0.04	471.42	87.67	24.40	4.32	2.28	17.19	4.96	67.14	11.27	450.00	3.58	0.79	-6.46	0.45
SFS124T1240	1.88	124.00	40.00	-	-	1.20	2.40	0.04	238.83	52.34	3.34	4.73	1.20	8.53	1.05	42.84	6.30	393.76	0.71	0.16	-4.28	0.26
SFS124T1270	2.44	124.00	70.00	-	-	1.20	2.40	0.04	310.83	78.58	15.55	5.09	2.26	12.80	3.05	55.08	7.44	393.76	1.73	0.23	-10.62	0.25
SFS124T1870	3.63	124.00	70.00	-	-	1.80	3.60	0.04	461.77	117.55	23.29	5.06	2.25	19.24	4.59	88.96	12.47	433.24	3.09	0.61	-8.28	0.35
SFS124T2070	4.02	124.00	70.00	-	-	2.00	4.00	0.04	511.42	130.28	25.83	5.06	2.25	21.36	5.10	101.01	14.35	441.03	3.59	0.79	-7.47	0.39
SFS154T1240	2.16	154.00	40.00	-	-	1.20	2.40	0.04	274.83	87.81	3.52	5.72	1.14	11.49	1.08	73.31	8.78	365.72	0.71	0.16	-3.39	0.24
SFS154T1270	2.73	154.00	70.00	-	-	1.20	2.40	0.04	346.83	128.44	16.61	6.16	2.22	16.81	3.14	92.94	10.31	365.72	1.75	0.23	-10.17	0.21
SFS154T1540	2.69	154.00	40.00	-	-	1.50	3.00	0.04	341.67	109.75	4.38	5.71	1.14	14.39	1.35	94.91	11.57	395.28	0.96	0.30	-2.91	0.29
SFS154T1870	4.05	154.00	70.00	-	-	1.80	3.60	0.04	515.77	192.54	24.88	6.14	2.21	25.30	4.73	148.76	17.03	414.77	3.10	0.61	-8.55	0.30
SFS154T2070	4.49	154.00	70.00	-	-	2.00	4.00	0.04	571.42	213.55	27.59	6.13	2.20	28.10	5.25	168.51	19.50	424.44	3.60	0.80	-7.99	0.33
SFS184T1240	2.44	184.00	40.00	-	-	1.20	2.40	0.04	310.83	135.37	3.66	6.68	1.10	14.81	1.09	114.93	11.64	337.69	0.72	0.17	-2.69	0.22
SFS184T1270	3.01	184.00	70.00	-	-	1.20	2.40	0.04	382.83	193.52	17.47	7.20	2.16	21.17	3.21	143.86	13.58	337.69	1.76	0.23	-9.58	0.19
SFS184T1870	4.48	184.00	70.00	-	-	1.80	3.60	0.04	569.77	290.52	26.18	7.18	2.15	31.89	4.83	228.56	22.16	396.29	3.12	0.61	-8.38	0.26
SFS184T2070	4.96	184.00	70.00	-	-	2.00	4.00	0.04	631.42	322.39	29.03	7.17	2.15	35.43	5.37	258.39	25.28	407.85	3.61	0.80	-7.97	0.29
SFS204T1240	2.63	204.00	40.00	-	-	1.20	2.40	0.04	334.83	174.57	3.73	7.31	1.07	17.22	1.10	149.67	13.74	319.00	0.72	0.17	-2.30	0.20
SFS204T1270	3.20	204.00	70.00	-	-	1.20	2.40	0.04	406.83	246.13	17.96	7.88	2.13	24.27	3.25	185.91	15.97	319.00	1.77	0.23	-9.17	0.17
SFS204T1870	4.76	204.00	70.00	-	-	1.80	3.60	0.04	605.77	369.79	26.91	7.86	2.12	36.58	4.89	294.10	25.89	383.97	3.13	0.61	-8.17	0.24
SFS204T2070	5.28	204.00	70.00	-	-	2.00	4.00	0.04	671.42	410.47	29.85	7.85	2.12	40.64	5.43	332.09	29.48	396.79	3.62	0.80	-7.83	0.27
SFS214T1240	2.73	214.00	40.00	-	-	1.20	2.40	0.04	346.83	196.58	3.77	7.62	1.06	18.48	1.11	169.32	14.86	309.66	0.73	0.17	-2.12	0.20
SFS214T1270	3.29	214.00	70.00	-	-	1.20	2.40	0.04	418.83	275.38	18.18	8.22	2.11	25.88	3.27	209.56	17.24	309.66	1.78	0.23	-8.97	0.17
SFS214T1870	4.90	214.00	70.00	-	-	1.80	3.60	0.04	623.77	413.88	27.25	8.19	2.10	39.01	4.91	330.85	27.85	377.81	3.14	0.61	-8.04	0.23
SFS214T2070	5.43	214.00	70.00	-	-	2.00	4.00	0.04	691.42	459.46	30.22	8.18	2.10	43.35	5.46	373.39	31.69	391.26	3.63	0.80	-7.72	0.26
SFS244T1240	3.01	244.00	40.00	-	-	1.20	2.40	0.04	382.83	273.01	3.86	8.56	1.02	22.49	1.12	238.13	18.44	281.63	0.73	0.17	-1.66	0.18
SFS244T1270	3.57	244.00	70.00	-	-	1.20	2.40	0.04	454.83	375.59	18.79	9.21	2.06	30.94	3.31	291.81	21.30	281.63	1.80	0.23	-8.00	0.16
SFS244T1870	5.33	244.00	70.00	-	-	1.80	3.60	0.04	677.77	564.99	28.15	9.19	2.05	46.65	4.98	458.11	34.12	359.34	3.16	0.62	-7.08	0.22
SFS244T2070	5.91	244.00	70.00	-	-	2.00	4.00	0.04	751.42	627.39	31.22	9.18	2.05	51.85	5.53	516.26	38.72	374.67	3.65	0.81	-6.77	0.24
SFS254T1540	3.86	254.00	40.00	-	-	1.50	3.00	0.04	491.67	378.45	4.84	8.85	1.00	29.98	1.40	338.10	25.45	321.04	0.97	0.30	-1.04	0.21
SFS254T2070	6.06	254.00	70.00	-	-	2.00	4.00	0.04	771.42	690.68	31.52	9.51	2.03	54.82	5.55	570.55	41.20	369.14	3.65	0.81	-6.48	0.24
SFS274T1240	3.29	274.00	40.00	-	-	1.20	2.40	0.04	418.83	366.23	3.93	9.48	0.98	26.86	1.12	208.89	11.76	253.59	0.74	0.17	-1.27	0.17
SFS274T1270	3.86	274.00	70.00	-	-	1.20	2.40	0.04	490.83	495.72	19.30	10.19	2.01	36.34	3.35	392.42	25.77	253.59	1.81	0.23	-7.15	0.15
SFS274T180	5.75	274.00	70.00	-	-	1.80	3.60	0.04	731.77	746.22	28.92	10.16	2.00	54.83	5.03	612.86	40.95	340.86	3.18	0.62	-6.25	0.21
SF274T2070	6.38	274.00	70.00	-	-	2.00	4.00	0.04	811.42	828.83	32.08	10.16	2.00	60.94	5.59	689.74	46.38	358.08	3.66	0.81	-5.94	0.23
SFS301T1540	4.42	301.00	40.00	-	-	1.50	3.00	0.04	562.17	583.74	4.97	10.29	0.95	38.98	1.41	527.06	33.65	286.15	0.98	0.30	-0.50	0.19
SFS301T1870	6.13	301.00	70.00	-	-	1.80	3.60	0.04	780.37	937.05	29.53	11.03	1.96	62.64	5.08	777.71	47.59	324.24	3.19	0.62	-5.59	0.20
SFS301T2070	6.80	301.00	70.00	-	-	2.00	4.00	0.04	865.42	1040.97	32.75	11.02	1.96	69.63	5.64	874.34	53.80	343.15	3.68	0.81	-5.28	0.22

TRACKS Eurocodes

Section Reference	Dimensional							Gross Section							Major Axis Bending		Minor Axis Bending		Compression	
	Mass (kg/m)	W (mm)	F1 (mm)	F2 (mm)	Li (mm)	T (mm)	Internal radius ri (mm)	O/A Galv (mm)	δ (x10 ³)	Gross Area (mm ²)	I _{yy} (cm ⁴)	I _{zz} (cm ⁴)	r _y (cm)							

LOAD SPAN TABLES BASED ON PROPERTIES TO BS EN 1993-1-3:2006



These Span/Load tables are provided for guidance and preliminary calculation of stud sizes.

Before final stud sizes are agreed, a detailed design including appropriate load combinations, should be undertaken. Please refer to BS EN 1990:2002 and associated National Annex.

The figures given in these tables on these pages are the maximum allowable applied lateral wind loads (kN/m², unfactored, pressure or suction) for given stud centres, deflection limits and spans.

The design is based on the procedures presented BS EN 1990/1991 & 1993. The value assumes the studs to be fully restrained by robust cladding screwed directly to both flanges. Studs are to be orientated such that wind loads cause major axis bending. No account for axial loads to be included in these values and these tables should only be used for non-load bearing "infill" applications. Loads are limited to 3.0kN/m² - please contact Steel Formed Sections Ltd for loads above this value.

A load safety factor of 1.5 is included for strength considerations. Studs are assumed to be adequately restrained at their ends in order to reach their full shear strength. These tables should be used for initial design guidance only. Full design checks should always be undertaken by a competent designer.

SFS18051250	2.70	180.00	50.00	48.00	10.00	1.20	2.40	0.04	14.18	343.26	157.70	8.95	6.88	1.64	17.14	2.40	117.14	10.94	1.21	0.62	1.12	0.37
SFS18051260	2.92	180.00	60.00	58.00	12.00	1.20	2.40	0.04	13.10	372.06	179.13	15.18	7.05	2.05	19.51	3.48	127.44	11.65	1.63	0.87	-0.32	0.36
SFS18051275	3.26	180.00	75.00	73.00	15.00	1.20	2.40	0.04	11.75	415.26	211.02	28.61	7.24	2.67	23.05	5.45	141.25	12.53	2.35	1.31	-3.31	0.34
SFS18051575	4.027	180.000	75.000	72.000	15.000	1.500	3.000	0.040	14.828	512.343	261.310	34.350	7.225	2.620	28.410	6.608	195.312	18.329	3.163	1.745	-1.974	0.411
SFS18051875	4.797	180.000	75.000	72.000	15.000	1.800	3.600	0.040	17.855	610.334	312.662	40.834	7.222	2.610	33.838	7.831	253.087	24.910	4.076	2.220	-1.386	0.478
SFS18052075	5.27	180.00	75.00	71.00	15.00	2.00	4.00	0.04	20.00	670.83	343.35	43.53	7.21	2.57	37.04	8.43	294.35	30.05	4.62	2.59	-0.65	0.52
SFS20051265	3.26	200.00	65.00	63.00	15.00	1.20	2.40	0.04	11.75	415.26	246.07	20.66	7.82	2.27	24.17	4.40	169.77	13.74	1.92	1.10	-0.13	0.34
SFS20051565	4.03	200.00	65.00	62.00	15.00	1.50	3.00	0.04	14.83	512.34	304.56	24.62	7.80	2.22	29.78	5.31	234.63	20.09	2.58	1.45	1.02	0.41
SFS20052065	5.27	200.00	65.00	61.00	15.00	2.00	4.00	0.04	20.00	670.83	400.00	30.93	7.78	2.16	38.79	6.74	354.48	33.06	3.75	2.23	2.77	0.52
SFS21051250	2.98	210.00	50.00	48.00	10.00	1.20	2.40	0.04	12.85	379.26	228.03	9.30	7.87	1.59	21.28	2.43	163.04	12.81	1.21	0.60	1.87	0.34
SFS21051260	3.21	210.00	60.00	58.00	12.00	1.20	2.40	0.04	11.96	408.06	257.42	15.83	8.07	2.00	24.07	3.54	176.80	13.62	1.64	0.86	0.61	0.33
SFS21051275	3.55	210.00	75.00	73.00	15.00	1.20	2.40	0.04	10.83	451.26	301.18	29.97	8.30	2.62	28.22	5.55	195.30	14.64	2.36	1.29	-2.08	0.31
SFS21051575	4.38	210.00	75.00	72.00	15.00	1.50	3.00	0.04	13.65	557.34	373.33	35.97	8.28	2.57	34.83	6.72	270.91	21.43	3.18	1.72	-0.80	0.38
SFS21051875	5.22	210.00	75.00	72.00	15.00	1.80	3.60	0.04	16.43	664.33	446.98	42.76	8.28	2.56	41.53	7.97	351.87	29.13	4.10	2.17	-0.19	0.44
SFS21052075	5.74	210.00	75.00	71.00	15.00	2.00	4.00	0.04	18.40	730.83	491.26	45.58	8.26	2.52	45.50	8.59	408.24	34.91	4.65	2.50	0.51	0.48
SFS24051250	3.26	240.00	50.00	48.00	10.00	1.20	2.40	0.04	11.75	415.26	315.13	9.59	8.85	1.54	25.77	2.46	217.18	14.70	1.21	0.59	2.49	0.31
SFS24051260	3.49	240.00	60.00	58.00	12.00	1.20	2.40	0.04	11.00	444.06	353.72	16.38	9.07	1.95	28.97	3.58	234.84	15.61	1.64	0.84	1.39	0.30
SFS24051275	3.83	240.00	75.00	73.00	15.00	1.20	2.40	0.04	10.04	487.26	411.23	31.13	9.33	2.57	33.75	5.62	258.61	16.77	2.37	1.27	-1.03	0.29
SFS24051575	4.73	240.00	75.00	72.00	15.00	1.50	3.00	0.04	12.65	602.34	510.19	37.36	9.31	2.52	41.70	6.82	359.74	24.55	3.19	1.70	0.21	0.35
SFS24051875	5.65	240.00	75.00	72.00	15.00	1.80	3.60	0.04	15.22	718.33	611.13	44.41	9.31	2.51	49.75	8.09	468.34	33.37	4.12	2.14	0.84	0.40
SFS24052075	6.22	240.00	75.00	71.00	15.00	2.00	4.00	0.04	17.03	790.83	672.15	47.32	9.29	2.47	54.56	8.72	541.92	39.75	4.67	2.42	1.50	0.44
SFS25051570	4.76	250.00	70.00	68.00	15.00	1.50	3.00	0.04	12.59	605.34	543.63	32.81	9.59	2.36	42.65	6.26	386.49	25.41	2.95	1.57	1.33	0.35
SFS25052050	6.22	250.00	70.00	66.00	15.00	2.00	4.00	0.04	17.03	790.83	710.10	39.91	9.55	2.26	55.32	7.80	583.14	41.40	4.22	2.27	2.73	0.44
SFS27051250	3.55	270.00	50.00	48.00	10.00	1.20	2.40	0.04	10.83	451.26	420.57	9.84	9.81	1.50	30.61	2.48	279.77	16.61	1.22	0.58	3.01	0.28
SFS27051260	3.77	270.00	60.00	58.00	12.00	1.20	2.40	0.04	10.19	480.06	469.61	16.85	10.05	1.90	34.23	3.62	301.75	17.62	1.65	0.83	2.05	0.28
SFS27051275	4.11	270.00	75.00	73.00	15.00	1.20	2.40	0.04	9.36	523.26	542.75	32.13	10.35	2.52	39.63	5.69	331.38	18.91	2.38	1.26	-0.13	0.26
SFS27051575	5.09	270.00	75.00	72.00	15.00	1.50	3.00	0.04	11.78	647.34	673.85	38.55	10.33	2.47	49.01	6.90	462.09	27.68	3.20	1.67	1.09	0.32
SFS27051875	6.07	270.00	75.00	72.00	15.00	1.80	3.60	0.04	14.18	772.33	807.51	45.82	10.32	2.46	58.51	8.19	602.85	37.63	4.13	2.11	1.73	0.38
SFS27052075	6.69	270.00	75.00	71.00	15.00	2.00	4.00	0.04	15.85	850.83	888.68	48.82	10.30	2.41	64.22	8.82	697.46	44.73	4.69	2.38	2.35	0.41
SFS29751570	5.31	297.00	70.00	68.00	15.00	1.50	3.00	0.04	11.29	675.84	820.19	34.27	11.15	2.28	54.26	6.36	558.03	30.30	2.96	1.54	2.50	0.31
SFS29752070	6.95	297.00	70.00	66.00	15.00	2.00	4.00	0.04	15.25	884.83	1073.56	41.67	11.11	2.19	70.56	7.93	842.42	49.02	4.24	2.17	3.85	0.39

STUDS Eurocodes

Section Reference	Dimensions						Gross Section						Major Axis Bending		Minor Axis Bending		Compression					
	Mass (kg/m)	W (mm)	F1 (mm)	F2 (mm)	Li (mm)	T (mm)	Internal radius ri (mm)	O/A Galv (mm)	δ (x103)	Gross Area (mm ²)	Iy (cm ⁴)	Izz (cm ⁴)	Iy (cm)	Iz (cm)	W _{el,yy} (cm ³)	W _{el,zz} (cm ³)	I _y in Bending (cm ⁴)	W _{el,yy} in Bending (cm ³)	Mc,z Web Comp (kNm)	Mc,z Web Tension (kNm)	eNy (mm)	Q
SFS7051249	1.62	70.00	49.00	46.00	10.00	1.20	2.40	0.04	23.30	206.46	17.39	6.02	2.94	1.73	4.82	2.00	14.98	3.95	1.08	0.68	-2.62	0.63
SFS7051549	2.00	70.00	49.00	46.00	10.00	1.50	3.00	0.04	29.32	254.34	21.54	7.41	2.94	1.72	5.92	2.44	19.72	5.42	1.46	0.92	-1.50	0.74
SFS7551250	1.71	75.00	50.00	48.00	10.00	1.20	2.40	0.04	22.17	217.26	20.95	6.83	3.15	1.80	5.42	2.15	17.70	4.31	1.16	0.70	-3.19	0.59
SFS7551550	2.08	75.00	50.00	47.00	10.00	1.50	3.00	0.04	28.20	264.84	25.58	7.99	3.14	1.75	6.57	2.55	23.21	5.92	1.51	0.94	-1.57	0.72
SFS9051250	1.85	90.00	50.00	48.00	10.00	1.20	2.40	0.04	20.52	235.26	31.63	7.27	3.72	1.78	6.83	2.21	26.68	5.41	1.17	0.68	-2.42	0.55
SFS9051260	2.08	90.00	60.00	58.00	12.00	1.20	2.40	0.04	18.33	264.06	36.74	12.17	3.78	2.18	7.97	3.19	29.24	5.73	1.58	0.93	-4.48	0.51
SFS9051275	2.42	90.00	75.00	73.00	15.00	1.20	2.40	0.04	15.80	307.26	44.29	22.68	3.85	2.76	9.66	4.97	32.90	6.20	2.29	1.38	-8.48	0.46
SFS9051575	2.97	90.00	75.00	72.00	15.00	1.50	3.00	0.04	20.00	377.34	54.55	27.22	3.84	2.72	11.83	6.01	43.61	8.55	3.05	1.88	-6.89	0.56
SFS9051875	3.52	90.00	75.00	72.00	15.00	1.80	3.60	0.04	24.11	448.33	65.02	32.35	3.84	2.71	14.03	7.11	55.31	11.26	3.89	2.44	-5.65	0.65
SFS9052075	3.86	90.00	75.00	71.00	15.00	2.00	4.00	0.04	27.09	490.83	71.10	34.49	3.83	2.67	15.28	7.65	62.79	13.10	4.38	2.79	-4.51	0.72
SFS10051250	1.98	100.00	50.00	48.00	12.00	1.20	2.40	0.04	19.18	252.06	40.90	8.00	4.09	1.81	7.96	2.43	35.08	6.45	1.23	0.79	-0.85	0.54
SFS10051550	2.42	100.00	50.00	47.00	12.00	1.50	3.00	0.04	24.34	308.34	50.14	9.38	4.07	1.76	9.69	2.89	46.15	8.88	1.62	1.06	0.40	0.65
SFS10052050	3.13	100.00	50.00	46.00	12.00	2.00	4.00	0.04	33.08	398.83	64.99	11.53	4.06	1.71	12.39	3.59	62.40	12.40	2.28	1.50	0.67	0.77
SFS10051260	2.17	100.00	60.00	58.00	12.00	1.20	2.40	0.04	17.55	276.06	46.56	12.62	4.17	2.17	9.09	3.24	36.66	6.42	1.59	0.91	-3.88	0.49
SFS10051275	2.51	100.00	75.00	73.00	15.00	1.20	2.40	0.04	15.22	319.26	55.98	23.53	4.25	2.76	10.99	5.05	41.07	6.90	2.30	1.37	-7.76	0.44
SFS10051575	3.08	100.00	75.00	72.00	15.00	1.50	3.00	0.04	19.25	392.34	69.01	28.25	4.24	2.71	13.47	6.11	55.12	9.73	3.07	1.85	-6.22	0.54
SFS10051875	3.64	100.00	75.00	71.00	15.00	1.80	3.60	0.04	23.38	462.73	81.47	32.45	4.23	2.67	15.82	7.07	69.63	12.79	3.85	2.40	-4.82	0.63
SFS10052075	4.02	100.00	75.00	71.00	15.00	2.00	4.00	0.04	26.06	510.83	90.09	35.										

Section Reference	Dimensions								Gross Section						Major Axis Bending		Minor Axis Bending		Compression			
	Mass (kg/m)	W (mm)	F1 (mm)	F2 (mm)	Li (mm)	T (mm)	Internal radius ri (mm)	O/A Galv (mm)	Area (mm ²)	Ixx (cm ⁴)	Iyy (cm ⁴)	rx (cm)	ry (cm)	Zxx (cm ³)	Zyy (cm ³)	Ixx Effective (cm ⁴)	Iyy Effective (cm ⁴)	PO (N/mm ²)	Mcy Web Comp (kNm)	Mcy Web Tension (kNm)	es (mm)	Q
SFS70S1249	1.62	70.00	49.00	46.00	10.00	1.20	2.40	0.04	206.46	17.39	6.01	2.91	1.71	5.05	2.09	16.36	4.56	444.21	1.12	0.94	2.39	0.75
SFS70S1549	2.00	70.00	49.00	46.00	10.00	1.50	3.00	0.04	254.34	21.54	7.40	2.90	1.70	6.29	2.59	21.18	6.11	450.00	1.53	1.17	1.44	0.88
SFS75S1250	1.71	75.00	50.00	48.00	10.00	1.20	2.40	0.04	217.26	20.94	6.83	3.11	1.78	5.68	2.25	19.50	5.04	439.54	1.19	1.01	2.81	0.72
SFS75S1550	2.08	75.00	50.00	47.00	10.00	1.50	3.00	0.04	264.84	25.58	7.99	3.09	1.73	6.96	2.70	25.08	6.73	450.00	1.58	1.21	1.81	0.85
SFS90S1250	1.85	90.00	50.00	48.00	10.00	1.20	2.40	0.04	235.26	31.62	7.27	3.68	1.76	7.12	2.30	29.57	6.38	425.52	1.19	1.03	3.92	0.67
SFS90S1260	2.08	90.00	60.00	58.00	12.00	1.20	2.40	0.04	264.06	36.73	12.17	3.75	2.16	8.27	3.31	32.36	6.72	425.52	1.61	1.43	4.13	0.61
SFS90S1275	2.42	90.00	75.00	73.00	15.00	1.20	2.40	0.04	307.26	44.29	22.67	3.82	2.74	9.97	5.13	35.66	7.01	425.52	2.31	2.05	4.10	0.53
SFS90S1575	2.97	90.00	75.00	72.00	15.00	1.50	3.00	0.04	377.34	54.55	27.21	3.81	2.69	12.33	6.26	47.81	9.90	442.80	3.13	2.73	3.33	0.66
SFS90S1875	3.52	90.00	75.00	72.00	15.00	1.80	3.60	0.04	448.33	65.02	32.34	3.79	2.68	14.74	7.47	60.52	13.05	450.00	4.06	3.35	2.36	0.78
SFS90S2075	3.86	90.00	75.00	71.00	15.00	2.00	4.00	0.04	490.83	71.10	34.48	3.78	2.63	16.16	8.08	68.32	15.09	450.00	4.59	3.63	1.76	0.85
SFS100S1250	1.98	100.00	50.00	48.00	12.00	1.20	2.40	0.04	252.06	40.89	8.00	4.05	1.79	8.28	2.53	38.31	7.44	416.18	1.24	1.11	4.60	0.64
SFS100S1550	2.42	100.00	50.00	47.00	12.00	1.50	3.00	0.04	308.34	50.13	9.37	4.02	1.74	10.18	3.03	49.18	9.86	435.37	1.66	1.36	3.62	0.76
SFS100S2050	3.13	100.00	50.00	46.00	12.00	2.00	4.00	0.04	398.83	64.98	11.53	3.99	1.68	13.26	3.84	64.89	13.23	450.00	2.37	1.73	1.89	0.88
SFS100S1260	2.17	100.00	60.00	58.00	12.00	1.20	2.40	0.04	276.06	46.56	12.62	4.13	2.15	9.42	3.36	41.22	7.72	416.18	1.61	1.44	4.87	0.59
SFS100S1275	2.51	100.00	75.00	73.00	15.00	1.20	2.40	0.04	319.26	55.98	23.52	4.22	2.73	11.33	5.21	45.43	8.07	416.18	2.32	2.07	4.88	0.51
SFS100S1575	3.08	100.00	75.00	72.00	15.00	1.50	3.00	0.04	392.34	69.01	28.24	4.20	2.69	14.01	6.35	60.76	11.34	435.37	3.14	2.76	4.13	0.64
SFS100S1875	3.64	100.00	75.00	71.00	15.00	1.80	3.60	0.04	462.73	81.47	32.45	4.18	2.64	16.59	7.42	76.21	14.82	448.02	3.99	3.32	3.14	0.76
SFS100S2075	4.02	100.00	75.00	71.00	15.00	2.00	4.00	0.04	510.83	90.08	35.79	4.17	2.63	18.38	8.20	86.54	17.17	450.00	4.63	3.68	2.50	0.83
SFS120S1250	2.13	120.00	50.00	48.00	10.00	1.20	2.40	0.04	271.26	61.05	7.97	4.77	1.72	10.28	2.38	57.54	9.34	397.49	1.20	1.06	5.73	0.59
SFS120S1260	2.36	120.00	60.00	58.00	12.00	1.20	2.40	0.04	300.06	70.35	13.41	4.88	2.13	11.84	3.43	62.84	9.87	397.49	1.62	1.46	6.21	0.55
SFS120S1275	2.64	120.00	75.00	73.00	12.00	1.20	2.40	0.04	336.06	82.63	23.49	5.00	2.66	13.91	4.89	68.21	10.22	397.49	2.24	2.02	6.62	0.48
SFS120S1575	3.32	120.00	75.00	72.00	15.00	1.50	3.00	0.04	422.34	103.88	30.08	4.97	2.67	17.53	6.50	92.20	14.42	420.53	3.14	2.81	5.69	0.60
SFS120S1875	3.95	120.00	75.00	72.00	15.00	1.80	3.60	0.04	502.33	124.05	35.76	4.96	2.66	20.99	7.75	116.02	18.77	435.71	4.08	3.48	4.72	0.71
SFS120S2075	4.33	120.00	75.00	71.00	15.00	2.00	4.00	0.04	550.83	135.91	38.13	4.94	2.62	23.04	8.39	130.69	21.57	443.24	4.65	3.77	4.04	0.77
SFS150S1250	2.45	150.00	50.00	48.00	12.00	1.20	2.40	0.04	312.06	104.44	9.08	5.83	1.72	14.04	2.63	99.59	13.01	369.46	1.26	1.14	7.18	0.53
SFS150S1550	3.01	150.00	50.00	47.00	12.00	1.50	3.00	0.04	383.34	128.57	10.63	5.80	1.67	17.32	3.16	126.83	16.94	398.25	1.67	1.42	6.23	0.62
SFS150S2050	3.92	150.00	50.00	46.00	12.00	2.00	4.00	0.04	498.83	167.65	13.07	5.76	1.61	22.66	3.99	167.48	22.62	426.65	2.38	1.80	4.43	0.72
SFS150S1260	2.64	150.00	60.00	58.00	12.00	1.20	2.40	0.04	336.06	117.29	14.38	5.95	2.09	15.76	3.51	106.21	13.46	369.46	1.63	1.49	7.86	0.49
SFS150S1275	2.98	150.00	75.00	73.00	15.00	1.20	2.40	0.04	379.26	139.18	27.00	6.11	2.69	18.71	5.47	116.88	14.17	369.46	2.35	2.14	8.37	0.44
SFS150S1575	3.67	150.00	75.00	72.00	15.00	1.50	3.00	0.04	467.34	172.14	32.41	6.09	2.64	23.18	6.68	154.37	19.44	398.25	3.16	2.86	7.72	0.55
SFS150S1875	4.37	150.00	75.00	72.00	15.00	1.80	3.60	0.04	556.33	205.80	38.53	6.08	2.63	27.77	7.96	193.41	25.09	417.23	4.10	3.56	6.81	0.65
SFS150S2075	4.80	150.00	75.00	71.00	15.00	2.00	4.00	0.04	610.83	225.77	41.08	6.06	2.58	30.51	8.61	217.61	28.71	426.65	4.66	3.87	6.12	0.70
SFS180S1250	2.70	180.00	50.00	48.00	10.00	1.20	2.40	0.04	343.26	157.67	8.95	6.83	1.63	17.64	2.47	151.94	16.64	341.43	1.22	1.08	8.16	0.47
SFS180S1260	2.92	180.00	60.00	58.00	12.00	1.20	2.40	0.04	372.06	179.11	15.18	7.00	2.04	20.03	3.57	164.83	17.58	341.43	1.65	1.50	9.18	0.45
SFS180S1275	3.26	180.00	75.00	73.00	15.00	1.20	2.40	0.04	415.26	211.00	28.61	7.20	2.65	23.60	5.58	180.30	18.42	341.43	2.38	2.16	10.02	0.41
SFS180S1575	4.03	180.00	75.00	72.00	15.00	1.50	3.00	0.04	512.34	261.28	34.34	7.17	2.60	29.28	6.81	236.67	24.99	375.98	3.19	2.90	9.40	0.51
SFS180S1875	4.80	180.00	75.00	72.00	15.00	1.80	3.60	0.04	610.33	312.63	40.83	7.16	2.59	35.09	8.12	295.32	32.00	398.75	4.12	3.61	8.53	0.59
SFS180S2075	5.27	180.00	75.00	71.00	15.00	2.00	4.00	0.04	670.83	343.32	43.52	7.14	2.54	38.58	8.78	331.92	36.51	410.06	4.68	3.95	7.85	0.65
SFS200S1265	3.26	200.00	65.00	63.00	15.00	1.20	2.40	0.04	415.26	246.04	20.65	7.77	2.25	24.75	4.50	223.03	21.22	322.74	1.95	1.78	10.19	0.41
SFS200S1565	4.03	200.00	65.00	62.00	15.00	1.50	3.00	0.04	512.34	304.53	24.61	7.74	2.20	30.68	5.47	289.66	28.34	361.13	2.61	2.37	9.62	0.51
SFS200S2065	5.27	200.00	65.00	61.00	15.00	2.00	4.00	0.04	670.83	399.95	30.93	7.70	2.14	40.40	7.02	395.73	39.72	399.00	3.80	3.15	8.05	0.62
SFS210S1250	2.98	210.00	50.00	48.00	10.00	1.20	2.40	0.04	379.26	227.99	9.30	7.82	1.58	21.84	2.50	221.67	20.91	313.40	1.23	1.09	9.00	0.43
SFS210S1260	3.21	210.00	60.00	58.00	12.00	1.20	2.40	0.04	408.06	257.38	15.83	8.02	1.99	24.65	3.62	240.35	22.16	313.40	1.67	1.52	10.25	0.41
SFS210S1275	3.55	210.00	75.00	73.00	15.00	1.20	2.40	0.04	451.26	301.14	29.96	8.25	2.60	28.84	5.67	262.60	23.28	313.40	2.40	2.18	11.40	0.38
SFS210S1575	4.38	210.00	75.00	72.00	15.00	1.50	3.00	0.04	557.34	373.29	35.96	8.22	2.55	35.81	6.91	342.56	31.26	353.71	3.21	2.93	10.80	0.47
SFS210S1875	5.22	210.00	75.00	72.00	15.00	1.80	3.60	0.04	664.33	446.93	42.75	8.21	2.54	42.93	8.24	425.54	39.70	380.28	4.14	3.65	9.96	0.55
SFS210S2075	5.74	210.00	75.00	71.00	15.00	2.00	4.00	0.04	730.83	491.20	45.57	8.19	2.49	47.23	8.92	477.27	45.10	393.47	4.70	4.01	9.28	0.60
SFS240S1250	3.26	240.00	50.00	48.00	10.00	1.20	2.40	0.04	415.26	315.08	9.59	8.79	1.53	26.39	2.52	308.67	25.57	285.36	1.25	1.10	9.68	0.40
SFS240S1260	3.49	240.00	60.00	58.00	12.00	1.20	2.40	0.04	444.06	353.67	16.38	9.01	1.94	29.62	3.66	334.72	27.20	285.36	1.68	1.53	11.13	0.38
SFS240S1275	3.83	240.00	75.00	73.00	15.00	1.20	2.40	0.04	487.26	411.18	31.12	9.28	2.55	34.44	5.74	365.42	28.67	285.36	2.42	2.19	12.57	0.35
SFS240S1575	4.73	240.00	75.00	72.00	15.00	1.50	3.00	0.04	602.34	510.12	37.35	9.25	2.50	42.78	6.99	473.75	38.09	331.44	3.24	2.95	11.98	0.44
SFS240S1875	5.65	240.00	75.00	72.00	15.00	1.80	3.60	0.04	718.33	611.06	44.40	9.24	2.49	5								

OUR WORK

The Steel Formed Sections system can be used for external cladding support on industrial, commercial, residential and institutional buildings. These are a few examples of our recent work.









SFS FRAMING SYSTEMS



✉ Steel Formed Sections, Lough Egish Business Park, Lough Egish, Castleblayney, Co. Monaghan

☎ Tel: +353 (0)42 974 5700

☎ Fax: +353 (0)42 974 5701

✉ Email: info@SteelFormedSections.com

🌐 www.SteelFormedSections.com

Tommy O'Neill

Mobile: +353 87 689 1862

Email: tommy@steelformedsections.com

Barry O'Reilly

Mobile: +353 87 969 1934

Email: barry@steelformedsections.com

Pat Burns

Office: + 353 42 974 5700

Email: info@steelformedsections.com

Brendan Smith

Office: + 353 42 974 5700

Email: brendan@steelformedsections.com