

CI/SfB	(21.9)	Xh2
FEB 2016		



Building a greener future with Rollsec steel profiles



Steel Framing Systems (SFS) & Internal Partitioning/Drylining Steels

Delivering Cost Effective Solutions for Steel Framing Construction

Rollsec is a specialist manufacturer of quality assured cold rollformed and fabricated steel products for the Construction Industry.

Operating from a central location in the West Midlands Rollsec are ideally situated to supply all four corners of the UK and with stocks of both SFS and internal drylining studs, tracks and accessories the majority of requirements can be satisfied within 3 – 5 days, if not less.

With a range of rollforming machines and mechanical presses, press brakes and a guillotine, bespoke items, as well as the standard range of products detailed in this technical brochure, can be manufactured

All sections are manufactured from prime quality materials locally sourced from reputable suppliers with full provenance to meet with the relevant industry standards. All products, where applicable, are CE marked in accordance with BS EN1090-1.



SUSTAINABILITY COMES NATURALLY WITH STEEL

Steel is a material that is extremely environmentally friendly and has a natural place in today's approach to sustainability.

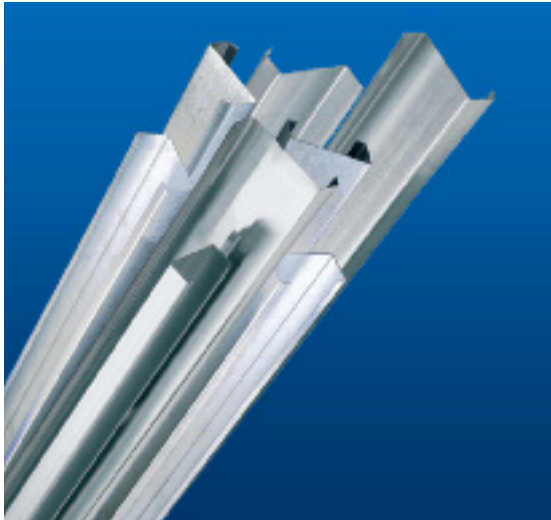
Rollsec adheres to a strict environmental policy, with a goal of "minimum possible environmental impact for long-term sustainable development". Working with steel means Rollsec can focus on minimising the use of raw materials, components, energy, packaging and transport.




Rollsec solutions for internal and external construction

Light gauge steel framing is a building technology based on steel, plasterboard, Gypsum fibreboard and mineral wool. All materials are compatible with the environment and functional ecocycle.

The technology can be used on all types of buildings and can be combined with other materials. Quality galvanised steel meets international ISO 9001 standards and can be used for both load-bearing and non-load-bearing applications; it is also ideal for use with all proprietary plaster/insulation boards/panels, and is non-combustible, will not rot, is impervious to insect attack and is supplied straight and true in specified pre-cut lengths, virtually eliminating waste.





C.O.S.H.H Statement

Hot Dipped Galvanised Steel Studs and Tracks

Manufacture of steel: TATA Steel, Arcelor Mittal, and various

Manufacturer: Rollsec (Studs, Tracks and Accessories)

Specification: Coils of hot dipped galvanised steel.

Composition: Zinc with a small amount of lead (galvanised) or zinc, aluminium & Silcone (Aluzinc)

Primer: -

Top Coat: -

Backing Coat: -


Hazards:
Steel Profiles under normal conditions of storage and handling (shearing, bending, and pressing), are not toxic or harmful. When handling the product there is a risk of laceration of the skin. Injuries may occur when breaking the strapping of a coil, due to release of tension. While **galvanising** the product, the dust will contain chromium compounds, which is harmful by inhalation. Therefore appropriate respiratory equipment should be used.

When subjected to **elevated temperatures**, e.g. During welding or flame cutting or in case of fire, there will be irritating and toxic fumes.
The fumes will contain:
Oxides of iron, zinc, aluminium (if Aluzinc substrate)
Oxides of iron and zinc (if galvanised substrate)
Methyl Methacrylate
Hydrogen Chloride
Carbon Monoxide

The principle mode of entry in the body of these fumes is by inhalation and their inhalation should be prevented.

Precautionary and Protective Measures:
Protective clothing should be worn to prevent laceration of the skin.
After exposure of irritative fumes from heated material the following should be applied:
First Aid Procedure: Eye Contact: Bathe copiously with clean, fresh water for at least 15 minutes. Holding eyelids apart.
Skin Contact: Wash skin thoroughly with soap and water or use a proprietary skin cleanser.

Rollsec, Cransall Road, Rensworth, Walsell, Wrentham, Wex 2620
Tel: 0845 330 6200 Fax: 0845 368 6201 www.rollsec.com
Rollsec is a trading name of JCFMS Ltd reg no. 7142542 VAT no. 665461754



Environmental Declaration

Rollsec Steel Profiles - Stud and Track

Statement of Contents:
This document provides information on the environmental performance of the product. It is intended to be used by customers and end users to make informed decisions about the product's environmental impact.

1. Component materials:
Steel profiles, Studs, Tracks, Accessories, Screws, Nails, Washers, Spacers, Brackets, etc.

2. Production:
The product is produced using a hot-dip galvanizing process. The steel is coated with a layer of zinc to protect it from corrosion. The production process is controlled to ensure consistent quality and performance.

3. Distribution of finished products:
The product is distributed in the form of coils, sheets, and cut lengths. It is available in a range of sizes and specifications to meet different construction requirements.

4. During Construction:
The product is used in a variety of construction applications, including walls, partitions, and ceilings. It is designed to be easy to install and maintain.

5. During use:
The product is durable and long-lasting. It is resistant to corrosion and can withstand a wide range of environmental conditions.

6. Demolition:
The product can be recycled and reused. It is a sustainable material that can be used in a circular economy.

7. Waste:
The product is made from recycled steel. It is a sustainable material that can be used in a circular economy.

8. Indoor Environment:
The product is designed to be used in a variety of indoor environments. It is resistant to corrosion and can withstand a wide range of environmental conditions.

9. Outdoor Environment:
The product is designed to be used in a variety of outdoor environments. It is resistant to corrosion and can withstand a wide range of environmental conditions.

10. Life Cycle Assessment:
The product has been assessed for its environmental impact throughout its life cycle. It is a sustainable material that can be used in a circular economy.

11. Environmental Impact:
The product has a low environmental impact. It is made from recycled steel and is designed to be durable and long-lasting.

12. Environmental Certification:
The product is certified to meet the requirements of the ISO 14001 standard. It is a sustainable material that can be used in a circular economy.

Contents

- 4 Steel Framing Systems
- 7 Steel Framing Details
- 8 Steel Framing Accessories
- 9 Internal Partitions
- 12 Rollsec Wall Lining System
- 13 M F Ceiling System
- 14 Other Items, Accessories and Systems
- 15 At Your Service

See back page for relevant British and European Standard Certification



Steel Framing Systems (SFS)

Rollsec stud and track section properties

Rollsec stud and track sections are designed to be used in combination to form an infill wall support system, set inside the structural frame, or a continuous wall support system, fixed to the outside of the structural frame.

All sections are manufactured from a minimum specification of pre-hot dipped galvanised steel S390GD + Z275 + NAC, and have a guaranteed yield strength of 390N/mm² and a 275g/m² galvanised coating.

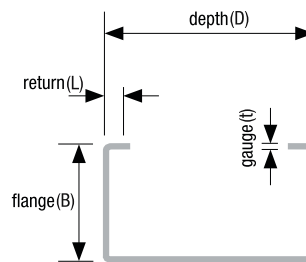
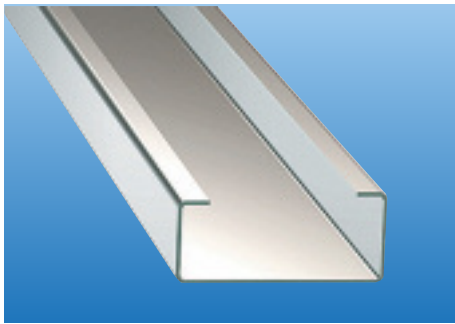
Stud sections are used primarily as vertical members resisting lateral forces, track section as top and bottom runners and window or door lintels.

On larger openings combined sections, utilising both types of profile, are used as lintels, cills and jambs.

Section properties are calculated in accordance with BS 5950 Part 5:1998.



Studs



Stud key points

- Stud profiles denoted by 'S'
- Standard stud available in 1.2, 1.5 and 2mm gauges
- Stud lengths are available up to 15 metres as standard, please enquire for longer lengths

Rollsec SFS Range

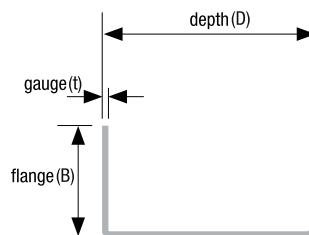
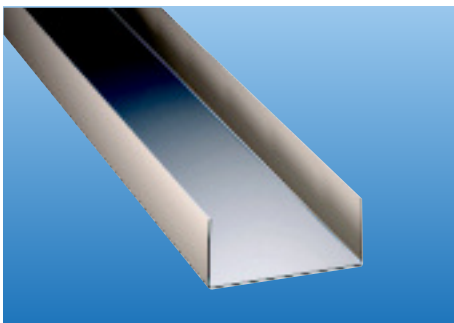
Stud Properties

Reference	Weight/M kg	D mm	B mm	L mm	t mm	Area cm ²	I _{xx} cm ⁴	I _{yy} cm ⁴	Z _{xx} cm ³	Z _{yy} cm	r _{xx} cm	r _{yy} cm
70S5012	2.03	70	60	15	1.20	2.58	22.75	13.42	6.50	1.92	2.78	1.65
70S5015	2.52	70	60	15	1.50	3.21	28.10	16.50	8.03	2.36	2.77	1.63
70S5020	3.33	70	60	15	2.00	4.24	36.72	21.39	10.49	3.03	2.79	1.61
100S5012	2.31	100	60	15	1.20	2.94	50.65	15.23	10.13	8.29	4.09	2.06
100S5015	2.87	100	60	15	1.50	3.66	62.73	18.73	12.55	11.16	4.08	2.08
100S5020	3.80	100	60	15	2.00	4.84	82.35	24.30	16.47	15.41	4.07	2.10
150S5012	2.78	150	60	15	1.20	3.54	127.53	17.43	17.00	14.39	5.94	2.07
150S5015	3.46	150	60	15	1.50	4.41	158.28	21.44	21.10	19.37	5.97	2.17
150S5020	4.58	150	60	15	2.00	5.84	208.53	27.82	27.80	26.80	5.94	2.14
200S5012	3.25	200	60	15	1.20	4.14	248.87	18.99	24.89	21.83	7.67	1.99
200S5015	4.05	200	60	15	1.50	5.16	309.24	23.36	30.92	30.20	7.83	2.44
200S5020	5.37	200	60	15	2.00	6.84	408.21	30.32	40.82	42.58	7.81	2.41

Sections manufactured from S390GD + Z275 + NAC minimum grade to BSEN 10346:2009



Tracks (Base and Head)



Track key points

- Track profiles denoted by 'T'
- Standard track available in 1.2, 1.5 and 2mm gauges. 1.8mm Head Tracks available as special order. Heavy track available in 2.5 and 3mm gauges
- Standard track lengths are 3 and 4 metres
- Slotted Head Tracks available to order

Rollsec SFS Range

Track Properties												
Reference	Weight/M kg	D mm	B mm	L mm	t mm	Area cm ²	I _{xx} cm ⁴	I _{yy} cm ⁴	Z _{xx} cm ³	Z _{yy} cm	r _{xx} cm	r _{yy} cm
74T4012	1.41	74	40	–	1.2	1.46	16.39	2.86	4.43	1.43	3.00	1.26
74T7020	3.23	74	70	–	2.0	3.37	42.01	21.37	11.35	6.05	3.17	2.26
104T4012	1.69	104	40	–	1.2	1.76	35.85	3.17	6.89	1.58	4.06	1.20
104T7020	3.71	104	70	–	2.0	3.86	89.50	23.96	17.21	6.85	4.33	2.24
154T4012	2.16	154	40	–	1.2	2.23	90.88	3.49	11.80	1.75	5.73	1.12
154T7020	4.49	154	70	–	2.0	4.67	217.98	27.08	28.31	7.73	6.15	2.17
204T4012	2.63	204	40	–	1.2	2.72	180.64	3.70	17.71	1.85	7.32	1.05
204T7020	5.28	204	70	–	2.0	5.48	418.97	29.28	41.08	8.37	7.87	2.08

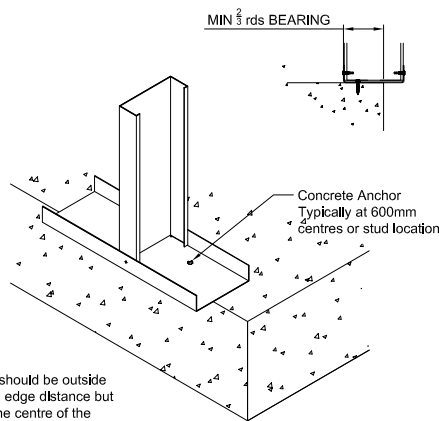
Sections manufactured from S390GD+ Z275 + NAC minimum grade to BSEN 10346:2009

Steel Framing Details

Rollsec's lightweight galvanised steel structural system is used in both external wall infills and continuous 'oversail' walling panels. Drywall linings and insulation are fixed to the system in order to achieve thermal and fire resistant performance.

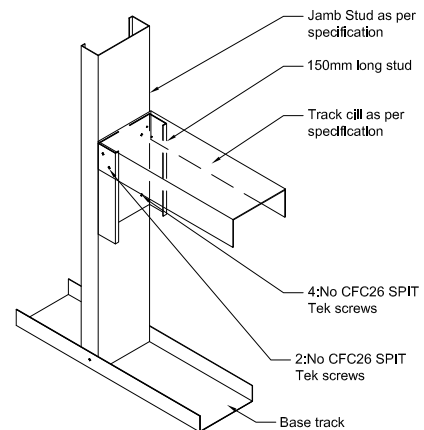


Typical construction details



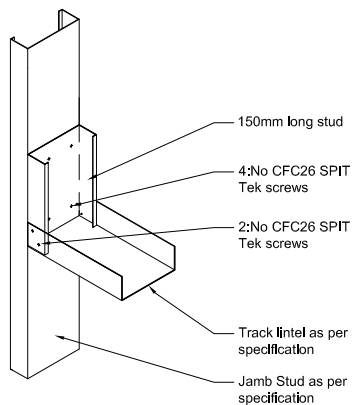
DETAIL 01

Typical base track to concrete



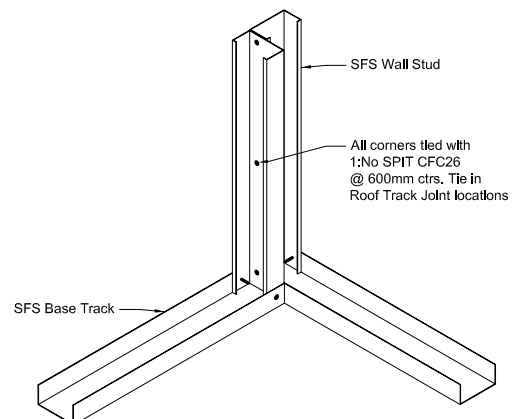
DETAIL 02

Standard Cill fixing to single Jamb



DETAIL 03

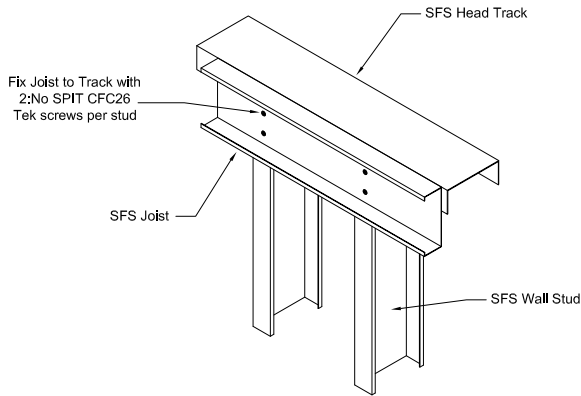
Typical Lintel fixing to single Jamb



DETAIL 04

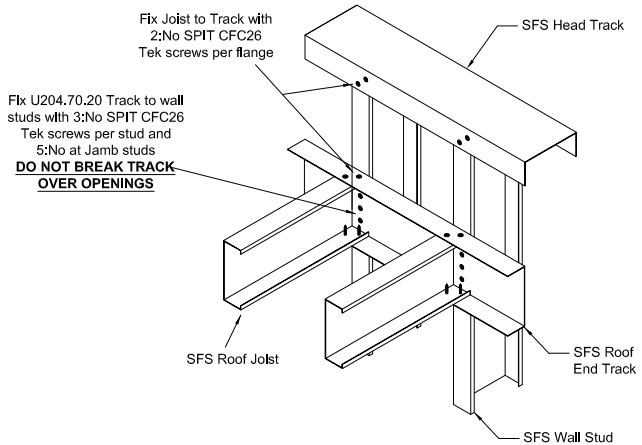
Corner Junction Detail

Typical construction details



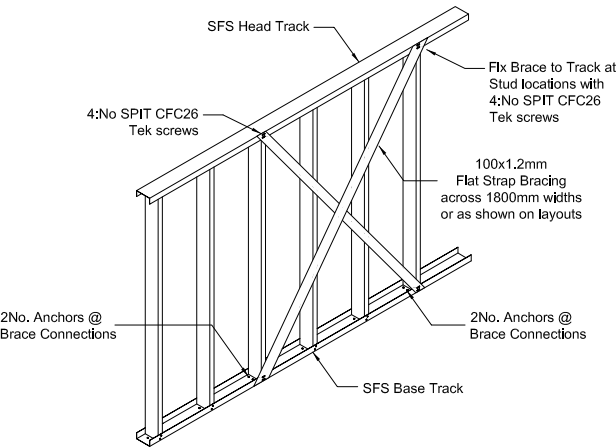
DETAIL 05

End Joist to Vertical Stud Fixing



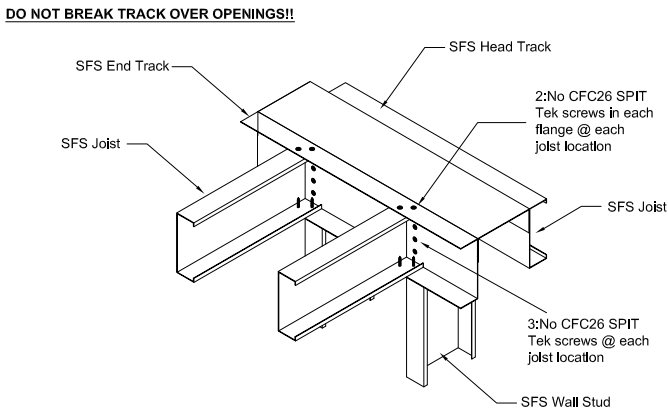
DETAIL 06

Roof End Track to External Wall / Parapet Detail



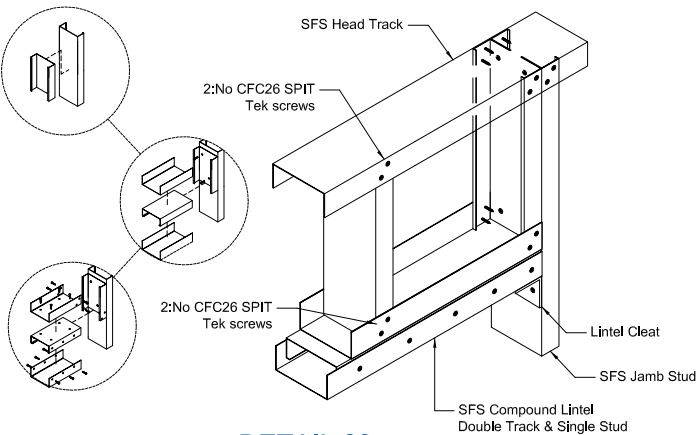
DETAIL 07

Bracing Fixing Detail



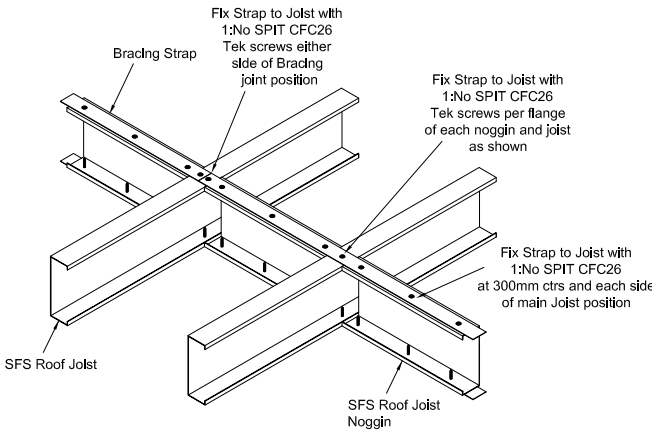
DETAIL 08

Roof Joist & End Track to Internal Wall Detail



DETAIL 09

Compound Lintel - Double Track & Single Stud



DETAIL 10

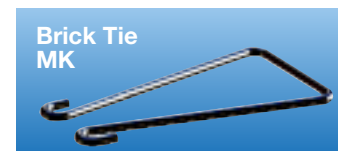
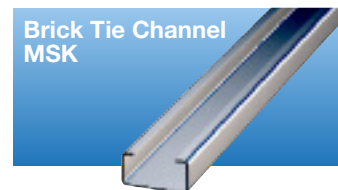
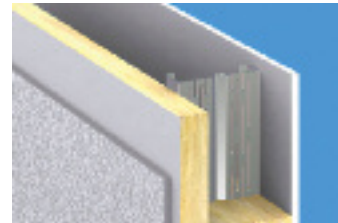
Roof Joist - Noggin Detail

Steel Framing Accessories

Rollsec's exterior wall profiles are perfect for any façade cladding. Hot dip galvanised and rustproof steel is the perfect solution for a range of projects from single family homes to multi-story buildings. In fact, when used with fireproof materials, they fulfil the most stringent fire safety regulations.

Rollsec exterior wall profile benefits

- Flexible usage & easy to install.
- Hold their original shape.
- Lightweight.
- High load-bearing capacity.
- Low thermal conductivity.
- Excellent sound insulation.
- Enhanced fire safety.
- Impervious to the effects of mould.

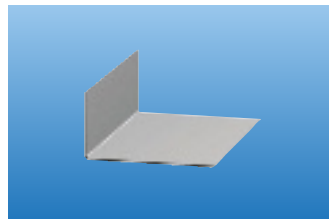


Cleats, brackets, angles and plates

Rollsec have a wide range of associated products when building with SFS namely:

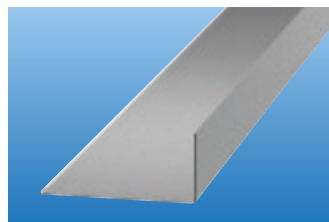
Cleats and brackets

Available in standard sizes
100, 150, 200mm from 1mm to 5mm thick



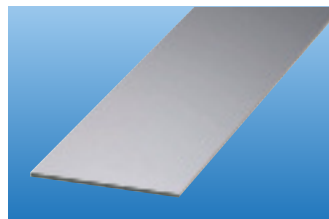
Angles

Available in 3m and 4m standard lengths
and used in many applications including
window openings



Flat Bracing Straps

Available in two standard sizes
BR45 x 0.9mm and BR100 x 1.2mm
in 3m and 4m lengths



Note: A bespoke fabrication service is available please enquire.

Internal Partitions

STUD AND TRACK – for heavy board partitions

Rollsec lightweight steel profiles provide a fast, strong and long-life solution for construction projects. Manufactured from prime-quality galvanised steel, the high degree of accuracy achieved allows components to be installed on-site in a fast, efficient and cost-effective manner.

Rollsec offers a comprehensive technical service and staff are always available to answer queries and offer advice.

Key benefits

- Easily constructed, easy to handle, safe and clean
- Insulation for improved sound and thermal properties is easy to install
- Full range of stud widths available: 50mm, 75mm, 100mm, 120mm and 150mm
- Both stud and track can be easily cut to required length using appropriate cutting tools
- Studs can be 'box' spliced

DIN Standard Steel Stud & Track for ROLLSEC SYSTEMS. 0.6 Gauge with 50mm Fixing Flange

ROLLSEC STANDARD STUDWORK – CW RANGE 0.6 Gauge

Stud Ref	Description	Width (mm)	Flange (mm)	Gauge	Lengths Available Ex Stock (m)
CW06/50	Stud	50	49/47	0.6	2.5, 3.0, 3.5, 4.0
CW06/75	Stud	75	49/47	0.6	2.5, 3.0, 3.5, 4.0, 4.5
CW06/100	Stud	100	49/47	0.6	2.5, 3.0, 3.5, 4.0, 4.5
CW06/120	Stud	120	49/47	0.6	2.5, 3.0, 3.5, 4.0, 4.5
CW06/150	Stud	150	49/47	0.6	2.5, 3.0, 3.5, 4.0, 4.5

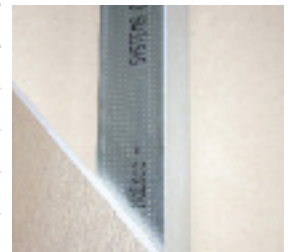


Rollsec CW Standard Studwork
Manufactured in 0.6, 0.7 and 1.0 gauge to meet all applications.

DIN Standard Steel Stud & Track for ROLLSEC SYSTEMS. 0.7 Gauge with 50mm Fixing Flange

ROLLSEC STANDARD STUDWORK – CW RANGE 0.7 Gauge

Stud Ref	Description	Width (mm)	Flange (mm)	Gauge	Lengths Available (m) - To order only
CW07/50	Stud	50	49/47	0.7	3.5 to 5.0
CW07/75	Stud	75	49/47	0.7	3.5 to 5.0
CW07/100	Stud	100	49/47	0.7	3.5 to 5.0
CW07/120	Stud	120	49/47	0.7	3.5 to 5.0
CW07/150	Stud	150	49/47	0.7	3.5 to 5.0



Rollsec CW Standard Studwork

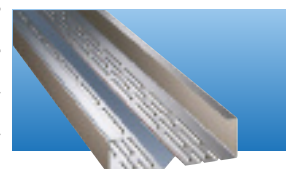
DIN Standard Steel Stud & Track for ROLLSEC SYSTEMS. 1.0 Gauge with 50mm Fixing Flange

ROLLSEC STANDARD STUDWORK – CW RANGE 1.0 Gauge

Stud Ref	Description	Width (mm)	Flange (mm)	Gauge	Lengths Available (m) - To order only
CW10/50	Stud	50	49/47	1.0	3.5 to 5.0
CW10/75	Stud	75	49/47	1.0	3.5 to 5.0
CW10/100	Stud	100	49/47	1.0	3.5 to 5.0
CW10/120	Stud	120	49/47	1.0	3.5 to 5.0
CW10/150	Stud	150	49/47	1.0	3.5 to 5.0

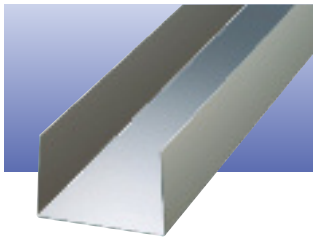
ROLLSEC ACOUSTIC STUD

Profile	Description	Width (mm)	Flange (mm)	Gauge	Lengths available (m)
CWA/75	Acoustic Stud	75	48/46	0.6	2.5, 3.0, 3.5, 4.0
CWAH/75	Acoustic Stud	75	48/46	0.7	3.5, 4.0, 4.5
CWA/100	Acoustic Stud	100	48/46	0.6	2.5, 3.0, 3.5, 4.0
CWAH/100	Acoustic Stud	100	48/46	0.7	3.5, 4.0, 4.5
CWAH/150	Acoustic Stud	150	48/46	0.7	3.5, 4.0, 4.5



Rollsec CWA Acoustic Stud
Manufactured in 0.6 & 0.7 gauge

Note: Cut to length sizes available on request at no extra charge.

**Rollsec SK Track**

All Rollsec Systems need an isolation strip to be fitted to the base of both head and floor track to enhance sound performance. The Rollsec standard SK range of tracks should only be used to form door/window heads/noggins or when no sound performance is required or specified.

ROLLSEC STANDARD U TRACK – 0.6 GAUGE with 40mm Flange Depth

Track Ref	Description	Width (mm)	Flange (mm)	Gauge	Sizes available (m)*
SK43/50	Track	50	40	0.6	3
SK43/75	Track	75	40	0.6	3
SK43/100	Track	100	40	0.6	3
SK43/120	Track	120	40	0.6	3
SK43/150	Track	150	40	0.6	3

ROLLSEC DEEP FLANGE U TRACK – 0.6 GAUGE with 60mm Flange Depth

Track Ref	Description	Width (mm)	Flange (mm)	Gauge	Sizes available (m)*
SK55/50	D/F Track	50	60	0.6	3
SK55/75	D/F Track	75	60	0.6	3
SK55/100	D/F Track	100	60	0.6	3
SK55/120	D/F Track	120	60	0.6	3
SK55/150	D/F Track	150	60	0.6	3

ROLLSEC EXTRA DEEP FLANGE U TRACK – 0.6 GAUGE with 90mm Flange Depth

Track Ref	Description	Width (mm)	Flange (mm)	Gauge	Sizes available (m)*
SK100/50	EDF Track	50	90	0.6	3
SK100/75	EDF Track	75	90	0.6	3
SK100/100	EDF Track	100	90	0.6	3
SK100/120	EDF Track	120	90	0.6	3
SK100/150	EDF Track	150	90	0.6	3

**ROLLSEC STANDARD U TRACK – 0.6 GAUGE
– 40mm flange with ACOUSTIC strip ready bonded to the base**

Track Ref	Description	Width	Flange	Gauge	Sizes available (m)*	Pack Qty
SKP43/50	Track	50	40	0.6	3	10
SKP43/75	Track	75	40	0.6	3	10
SKP43/100	Track	100	40	0.6	3	10
SKP43/120	Track	120	40	0.6	3	10
SKP43/150	Track	150	40	0.6	3	10

**ROLLSEC DEEP FLANGE U TRACK – 0.6 GAUGE
– 60mm flange with ACOUSTIC strip ready bonded to the base**

Track Ref	Description	Width	Flange	Gauge	Sizes available (m)*	Pack Qty
SKP55/50	D/F Track	50	60	0.6	3	10
SKP55/75	D/F Track	75	60	0.6	3	10
SKP55/100	D/F Track	100	60	0.6	3	10
SKP55/120	D/F Track	120	60	0.6	3	10
SKP55/150	D/F Track	150	60	0.6	3	10

**ROLLSEC EXTRA DEEP FLANGE U TRACK – 0.6 GAUGE
– 90mm flange with ACOUSTIC strip bonded to the base**

Track Ref	Description	Width	Flange	Gauge	Sizes available (m)*	Pack Qty
SKP100/50	EDF Track	50	90	0.6	3	10
SKP100/75	EDF Track	75	90	0.6	3	10
SKP100/100	EDF Track	100	90	0.6	3	10
SKP100/120	EDF Track	120	90	0.6	3	10
SKP100/150	EDF Track	150	90	0.6	3	10

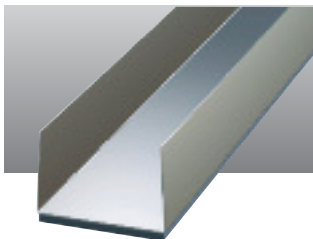
ROLLSEC HEAVY DUTY TRACK – 1.0 GAUGE

Track Ref	Description	Width	Flange	Gauge	Sizes available (m)*	Pack Qty
KSK75	HD Track	75	50	1.0	3	10
KSK100	HD Track	100	50	1.0	3	10
KSK120	HD Track	120	50	1.0	3	10
KSK150	HD Track	150	50	1.0	3	10

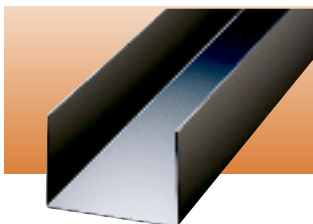
**ROLLSEC HEAVY DUTY TRACK – 1.0 GAUGE
– 50mm flange with ACOUSTIC strip bonded to the base**

Track Ref	Description	Width	Flange	Gauge	Sizes available (m)*	Pack Qty
KSKP75	HD Track	75	50	1.0	3	10
KSKP100	HD Track	100	50	1.0	3	10
KSKP120	HD Track	120	50	1.0	3	10
KSKP150	HD Track	150	50	1.0	3	10

* Cut to length sizes available.

**Keep the noise down...****Rollsec SKP Track**

Specifically designed and developed for Rollsec Systems and fully recommended and preferred by them. Supplied with the isolation strip already bonded to the base of the tracks, ensuring that the contractor does not overlook this necessary detail at the 'fit out' stage of their contract, and gives the completed construction every opportunity to perform to the specified performance requirement. More cost-effective too than having loose rolls of sound strip and fitting by hand. Reduction in site waste.

**Rollsec KSK(P) Track**

Should be used with heavier gauge studs and for special bespoke builds.

Internal Partitions

STUD AND TRACK – for plasterboard applications only

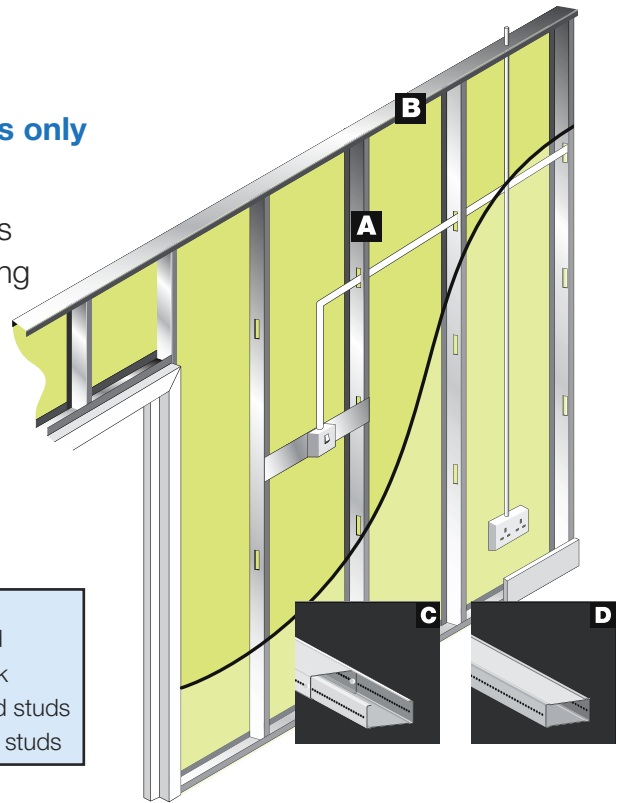
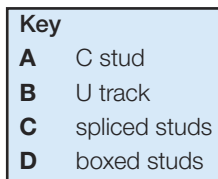
Rollsec's lightweight, drywall system is designed to produce easy-to-construct, non-load-bearing partitions to an exceptionally high standard. Metal stud partitioning has a wide range of applications including residential, commercial and industrial projects; it is extensively used throughout Europe and the UK.

All stud and track products are manufactured to BS 7364-1990 from pre-galvanised materials to BS EN 10346:2009.

All studs are knurled to ease the drywall screw penetration.

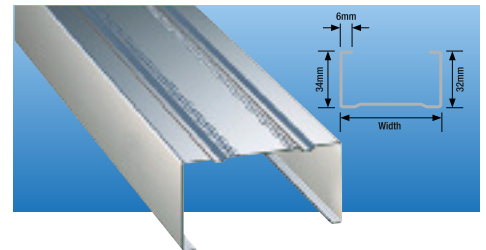
Fire certification is available upon request.

A full range of I studs and resilient bars are available. The range starts at 50mm to 150mm with track to suit in standard, deep and extra-deep leg heights and gauges from 0.5mm to 1.2mm.



ROLLSEC LPS STUDWORK

Stud Ref	Description	Width (mm)	Flange (mm)	Gauge	Length (m)
LPS50	Stud	50	34/32	0.5	2.4 - 4.2
LPS70	Stud	70	34/32	0.5	2.4 - 4.2
LPS92	Stud	92	34/32	0.5	2.4 - 4.2
LPS146	Stud	146	34/32	0.5	2.4 - 4.2



ROLLSEC STANDARD + HEAVY GAUGE I STUD

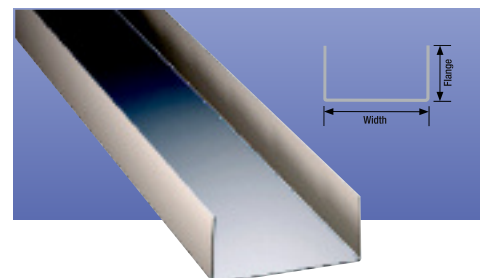
Stud Ref	Description	Width (mm)	Flange (mm)	Gauge	Length (m)
LIS50	ISND	50	38/40	0.5	up to 6.0
LISHD50	ISND	50	38/40	0.7	up to 6.0
LIS70	ISND	70	38/40	0.5	up to 6.0
LISHD70	ISND	70	38/40	0.7	up to 6.0
LISHD92	ISND	92	38/40	0.9	up to 6.0
LISHD146	ISND	146	38/40	0.9	up to 6.0

Note: Other sizes are available on request.



ROLLSEC LT TRACK

Track Ref	Description	Width (mm)	Flange (mm)	Gauge	Length (m)
LT52	Track	52	25	0.5	3.0
LT72	Track	72	25	0.5	3.0
LT94	Track	94	25	0.5	3.0
LT148	Track	148	25	0.5	3.0



ROLLSEC TD TRACK DEEP FLANGE – For plasterboard

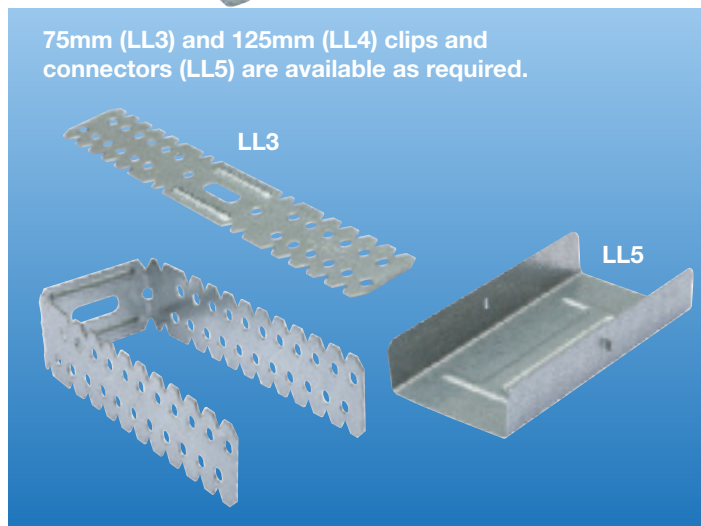
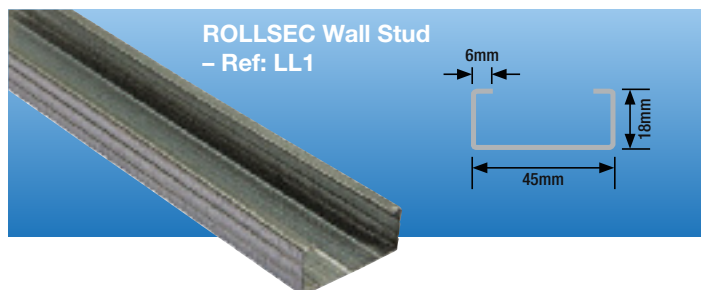
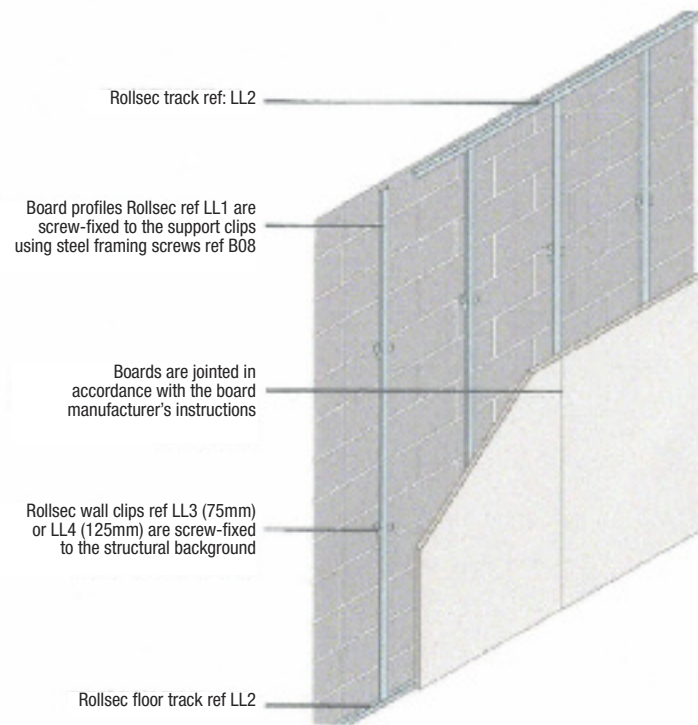
Track Ref	Description	Width (mm)	Flange (mm)	Gauge	Length (m)
LTD52	Track	52	50	0.5	3.0
LTD72	Track	72	50	0.5	3.0
LTD94	Track	94	50	0.5	3.0
LTD148	Track	148	50	0.5	3.0

Note: Extra deep track (70mm flange) available on request.

Rollsec Wall Lining System

Our lightweight wall liner system has been designed as an easy-to-use, economical method for lining internal walls. With a wide range of applications, including residential, commercial and industrial, the system is ideal to dry line block and masonry walls for concealing services.

All wall liner profiles are manufactured to BS 7364-1990 from pre-galvanised material to BS EN 10326:2009.



Key benefits

- Insulation for improved sound and thermal properties is easy to install.
- Cost-effective to install dry lining.
- A range of cavity depths can be created from 25-125mm using a variety of fixing methods.
- Our system is suitable for any type of proprietary plasterboard and Gypsum fibreboard.
- Both channel and track can be easily cut to required length using appropriate cutting tools.



Note: Method of build and technical data sheets available on request.

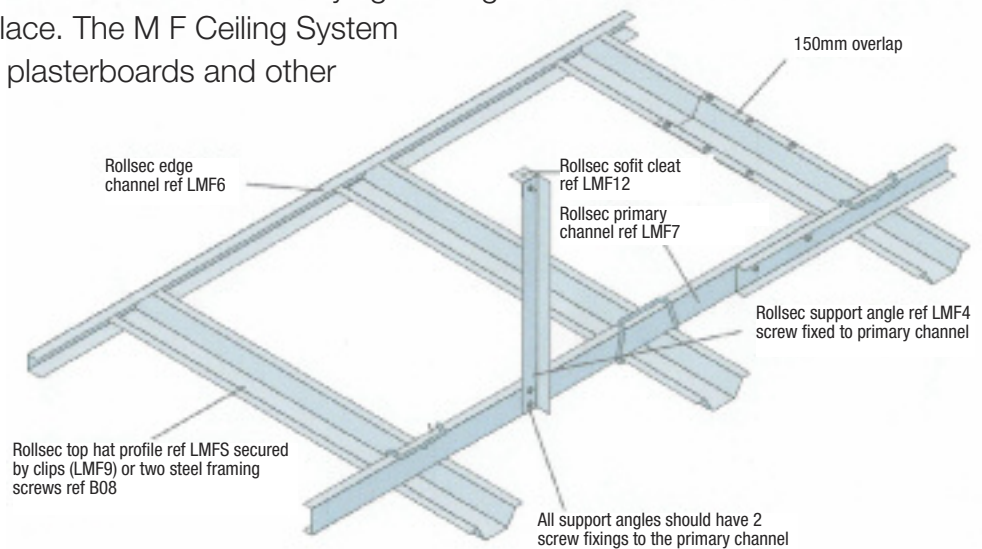
M F Ceiling System

Our M F Ceiling System has a wide range of applications including both residential and commercial. It is ideally suited to accommodate services for pipes and wiring. It can be used to both upgrade and protect existing ceiling structures. Also varying ceiling heights can be achieved to accommodate the varying ducting and services that are used in today's marketplace. The M F Ceiling System is compatible with all proprietary plasterboards and other specialist boards.

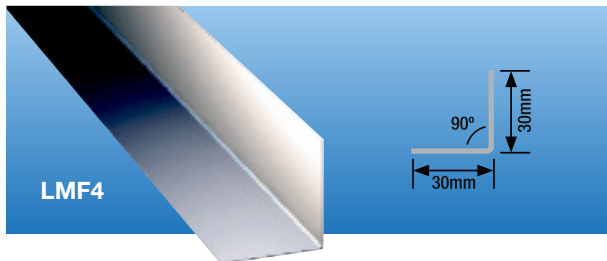
All Rollsec M F Ceiling System profiles are manufactured to BS 7364-1990 from pre-galvanised material to BS EN 10346:2009.

Profiles available include: LMF5, LMF6A, LMF7, tracks, channels and angles.

Swimming pool applications require powder-coated sections to 60 microns; please enquire.



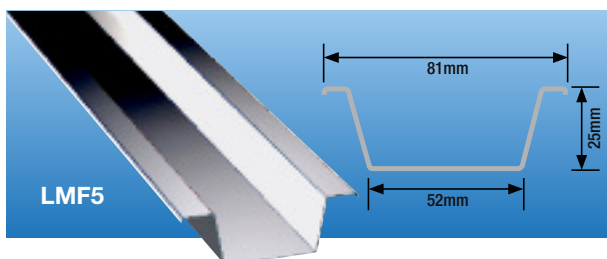
Support Angle



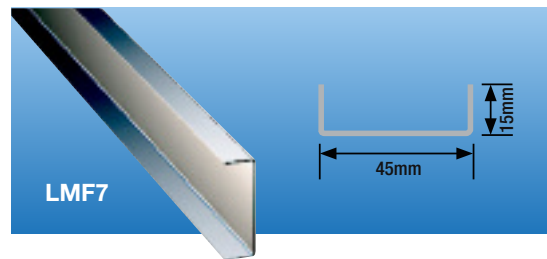
BUILD METHOD

Key	Description	Ref	Gauge
A1	Top Hat Ceiling Channel (25mm deep)	LMF5	0.6
A2	Top Hat Ceiling Channel (25mm deep)	LS725	0.7
A3	Deep Top Hat Ceiling Channel (45mm deep)	LS745	0.7
B	Perimeter Channel	LMF6	0.6
C	Primary Channel	LMF7	1.0
D	Support Angle	LMF4	0.9
E	Wire Clip	LMF9	1.2
F	Cleat Bracket	LMF12	1.2

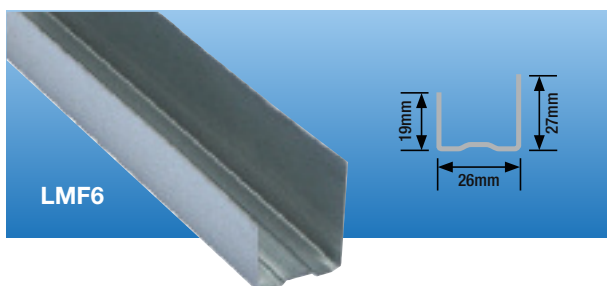
Top Hat



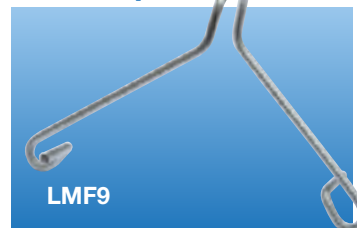
Primary Channel



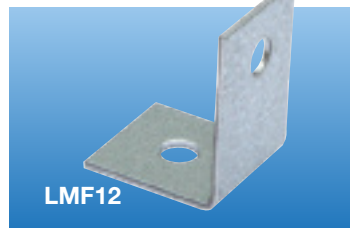
Perimeter Channel



Wire Clip



Cleat Bracket



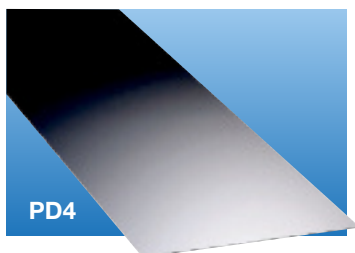
Note:

- 1) Method of build and technical data sheets available on request.
- 2) Resilient bars, Angles and Cleats, Strap Hanger and Wire Clips are available as required to complete the M F Ceiling System.

Other Items, Accessories and Systems

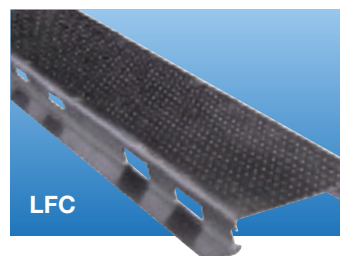
Rollsec manufactures a wide range of profiles and systems for use with both plasterboard and gypsum fibreboard applications. Whatever the need, Rollsec is more than likely to have a solution to resolve your problem. A telephone call to our Helpline should give you the answers you seek. A few items are shown below.

Isolation strip



Used to enhance sound performance within partition and ceiling applications. 4mm thick x 50 metre rolls. (Double-sided adhesive tape required to fit to profiles.)

Furring channel



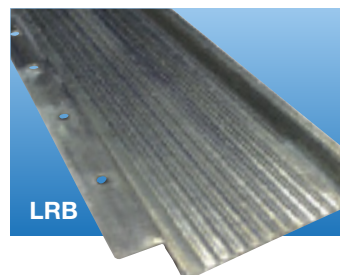
A low-profile wall lining. Installed to brick/blockwork using either bonding compound or screw direct fix. Supplied in 3 metre lengths.

Steel framing screws



Wafer head self-drilling and self-tapping screws.

Resilient bars



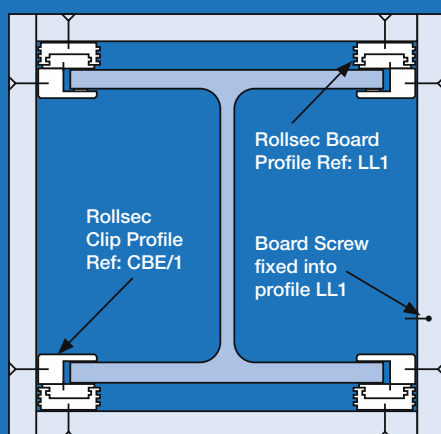
Used as a separating layer within both ceiling and partition systems to enhance sound performance. Supplied in 3 metre lengths.

Beam and Column Encasement Systems

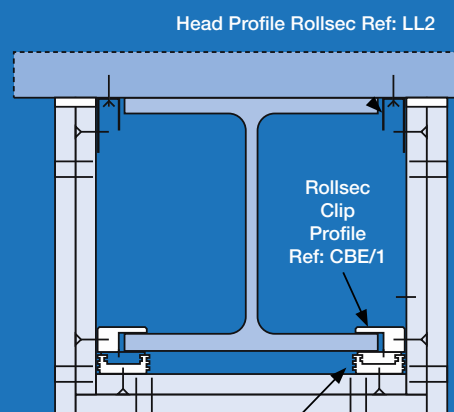
Simple fast-fit steel systems used to encase either columns or supporting beams to meet fire rating requirements. Always seek advice from the various board manufacturers to insure compatibility.

A maximum 3 item build – Clip Ref CBE1 – friction-fitted to column/beam which profile LL1 is ‘snap’ fixed to. Profile LL2 is only used to form head fixing within beam encasement applications.

Can be used with plasterboard and heavy duty fibreboard. A full data sheet is available upon request.



Plan – Column Encasement



Plan – Beam Encasement

At Your Service...

Project start and survey assistance

When assistance is required in pre-contract design meetings, Rollsec can complement the installer's and distributor's representation and advise on details and service provision.

Site surveys can also be attended to survey the substrate and site conditions, helping to optimise material usage and control costs.

Component design

Rollsec can produce bespoke sections and fabrication solutions to the unique site conditions, providing detailed construction drawings when necessary.

Section samples and fabrication build-ups can be provided on request.

Specifications & installation instructions

A project specification can be produced and incorporated as an installer's site submission. (G10 and K10 to NBS Standard).

Powder coating

A powder-coating service is available for bespoke sections, flashings and fabrications.

Project inspection

Rollsec can pay regular site visits to advise during the installation process and can, upon arrangement, inspect to agreed criteria, producing inspection reports and sign-off sheets as part of the Q and A process.

Our design service

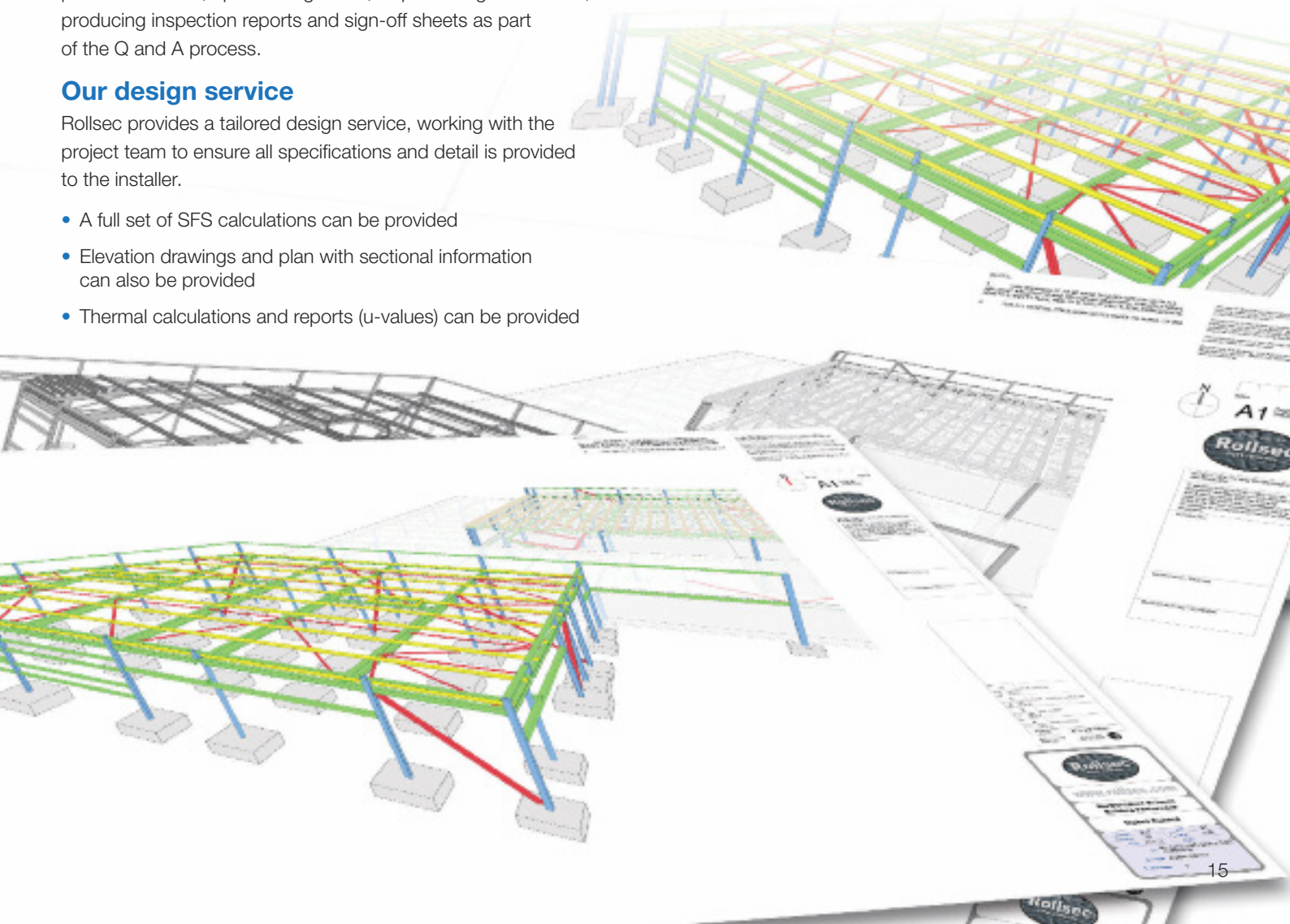
Rollsec provides a tailored design service, working with the project team to ensure all specifications and detail is provided to the installer.

- A full set of SFS calculations can be provided
- Elevation drawings and plan with sectional information can also be provided
- Thermal calculations and reports (u-values) can be provided

Transport and logistics

A nationwide delivery service is available throughout the UK and Eire.

- Self-offload facilities are available (HIAB crane)
- All deliveries are on vehicles to accommodate customer requirements and offload conditions
- Multiple deliveries can be accommodated
- Customer-timed deliveries can be arranged



BS EN 10346:2009

All steel section products are manufactured using materials that conform to the specification for continuous hot-dip metal-coated steel.

BS EN 7364:1990

Manufactured to and complies with the specification for galvanised steel studs, channels for studs, sheet partitions and linings using screw-fixed gypsum boards.

BS EN 10143:1993

Manufactured to the specification for cold rolled steel.

BS EN 14195:2005

Metal framing components for Gypsum plasterboard profiles. Definitions, requirements and test methods.

BS EN 1090 CE Marking

Execution of steel structures and aluminium structures. Requirements and technical commitments.

For more information on Rollsec products call now on: **0845 309 6320**
or Email us: sales@rollsec.com

Rollsec

Unit 1D, Croxstalls Road, Bloxwich, Walsall WS3 2XU

