



MAXMADE LIMITED

Ceiling Support Systems



Ceiling Support Systems

Maxmade Limited have been supplying the Clean Room and Temperature Controlled Building Industry since 1973. Initially only supplying specialist ceiling support systems and sheet metal fabrications.

Since this time, the company has gained a wealth of experience, and has developed its range of products to meet the new demands of this industry, and that of the Food Preparation Industry, including wall and door protection systems, wall and ceiling cladding systems and also supplying quality fixings and sealants to help complete the job.

A working solution

Maxmade Limited stocks a range of ceiling suspension systems, which range from the Heavy Duty section for Heavy fire rated rockwool ceiling, to our Inverted top hat section for PIR ceiling panels. There is also the A2 section for repair and freezer specifications.

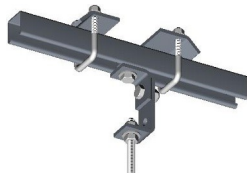
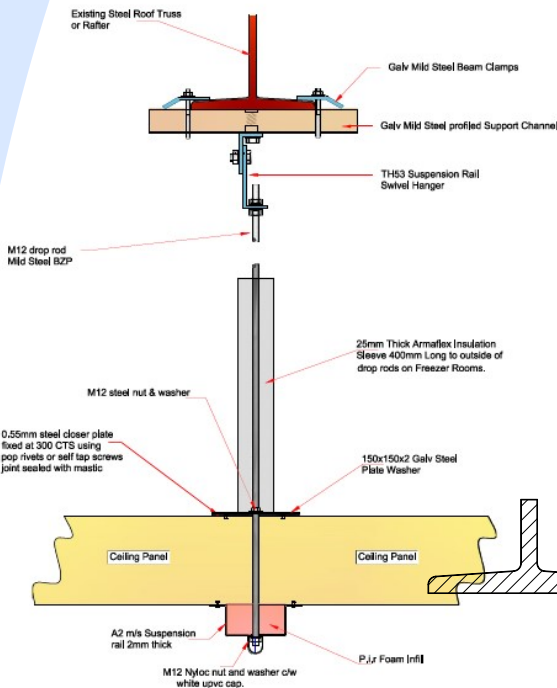
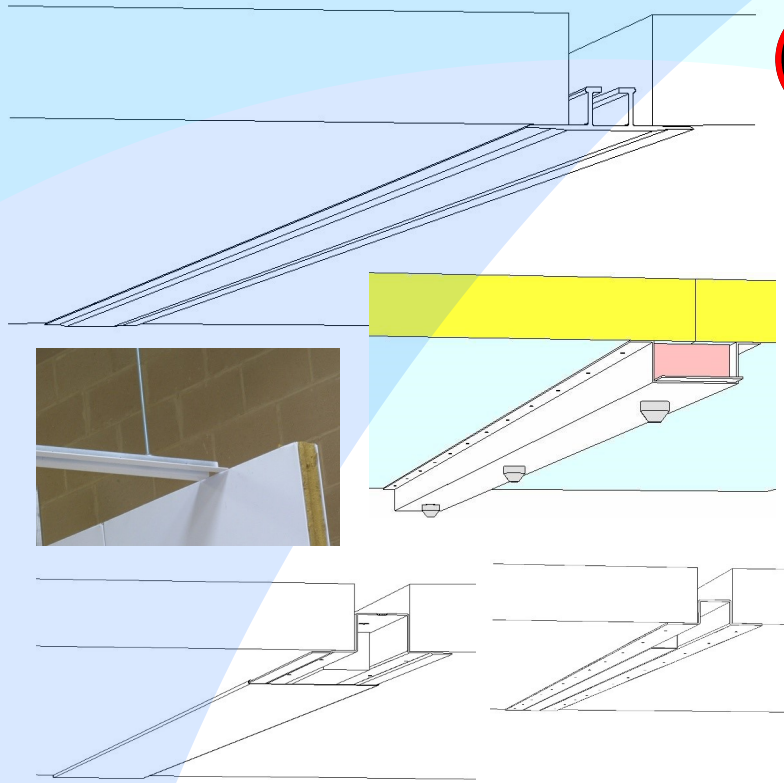
Various suspension kits can be supplied, using Unistrut brackets, or made to suit steelwork with lindaptors.

Our Maxmade Standard Lines have all been weight tested by independent authorities, as have the various standard suspension kits used in conjunction with them. Maxmade Limited can also now provide a Steel Fire rated "T" section ceiling suspension, which can be powder coated to suit the panel type finish in use.

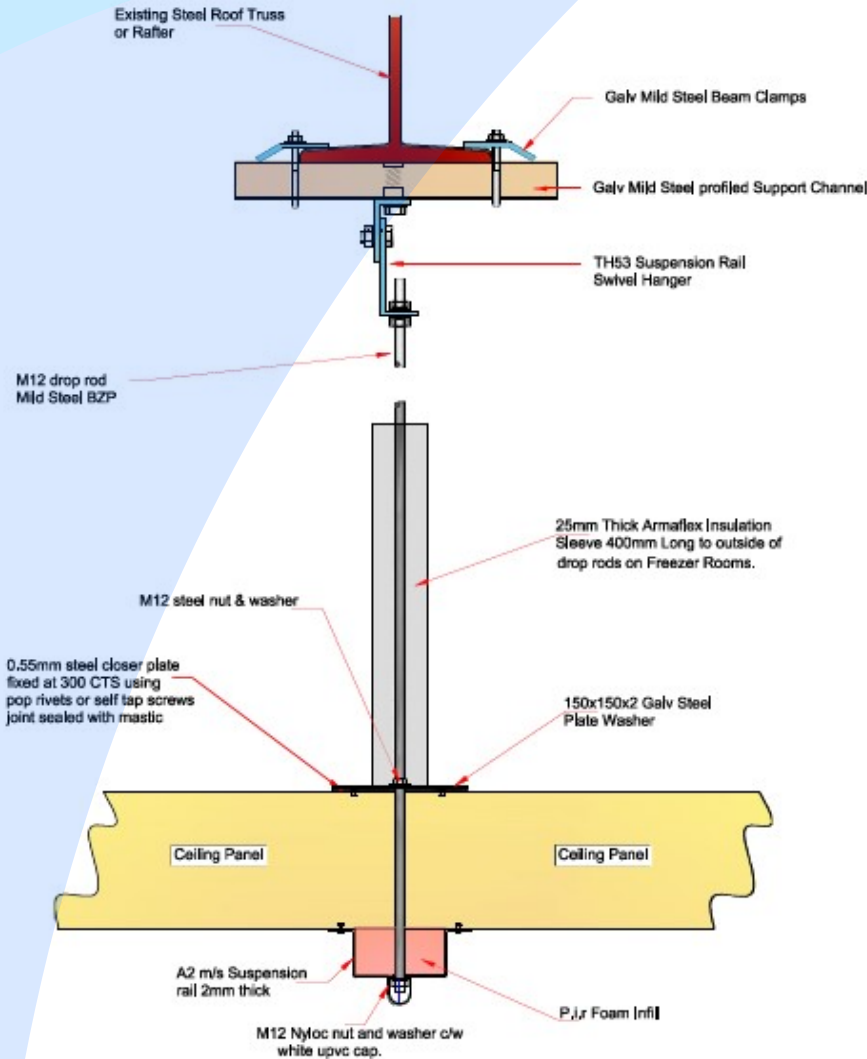
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A2 Ceiling Support Section



Design Load: 400kg per mtr

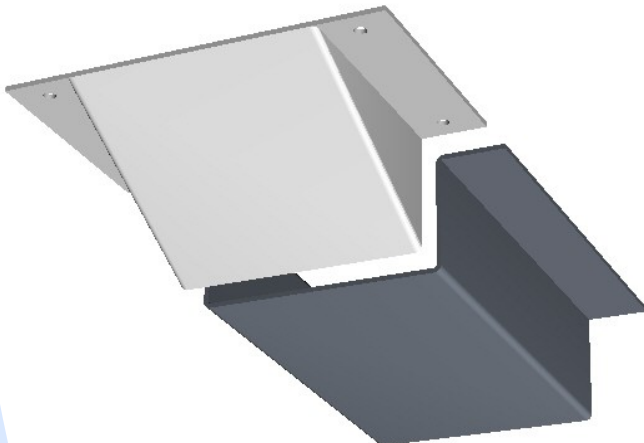
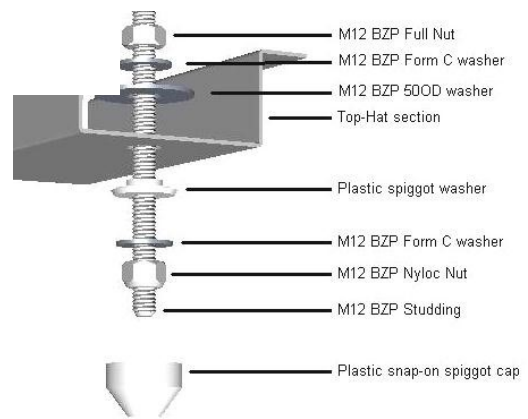
The A2 ceiling suspension is manufactured from Z28 galvanised 2mm steel.

It is polyester powder coated to RAL9003 as standard. Other colours available to match different suppliers.

Suspension is at 3 points @1500mm centres.

With a thermal break bottom assembly detail, the A2 is ideal for freezer applications.

Available for the A2 is a 100mm long slopped end: 2mm thick Galv polyester powder coated RAL 9003 as standard.



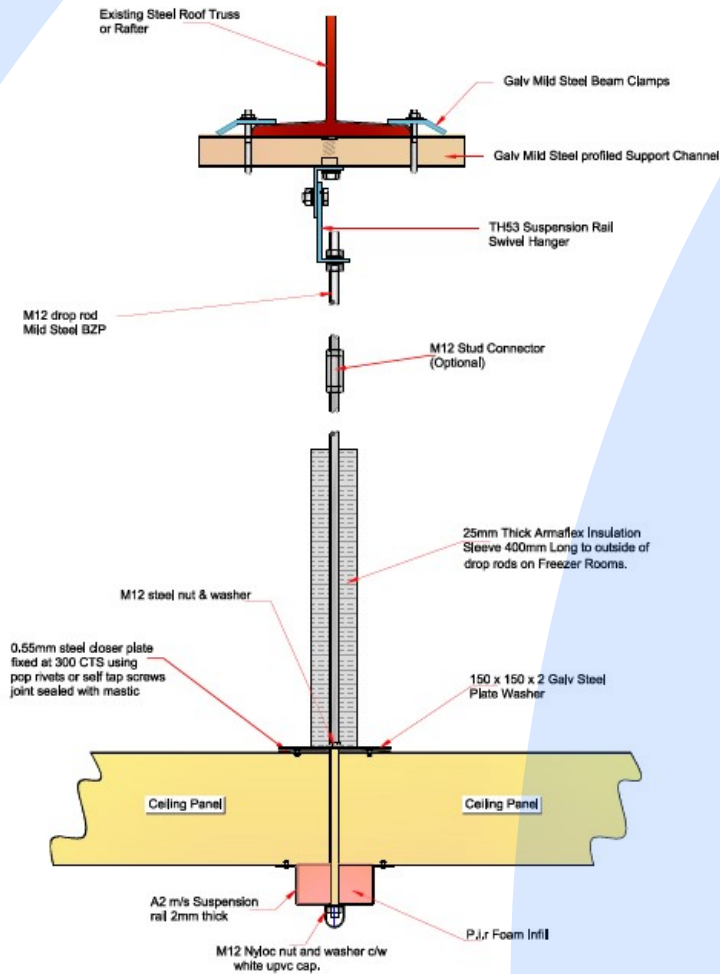
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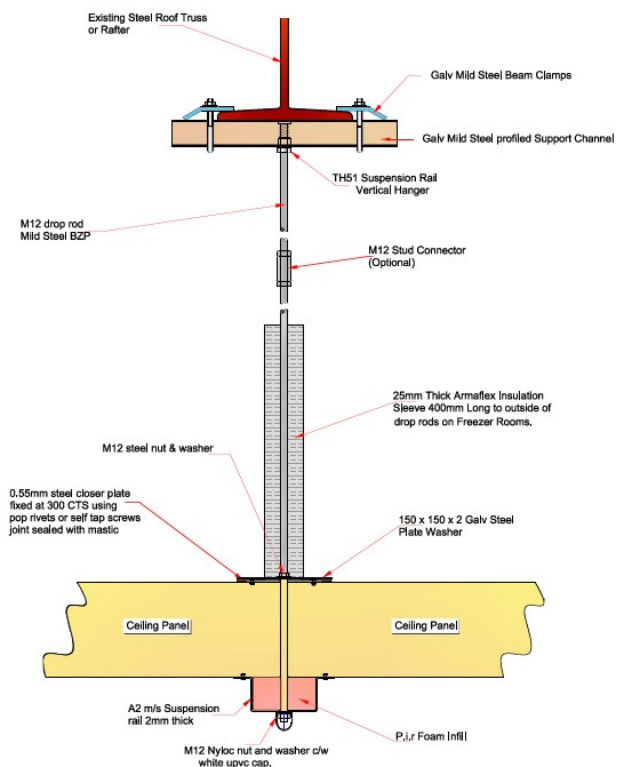
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A2 Ceiling Support Section

Typical suspension using the TH53 system.



Typical suspension using the TH51 system.

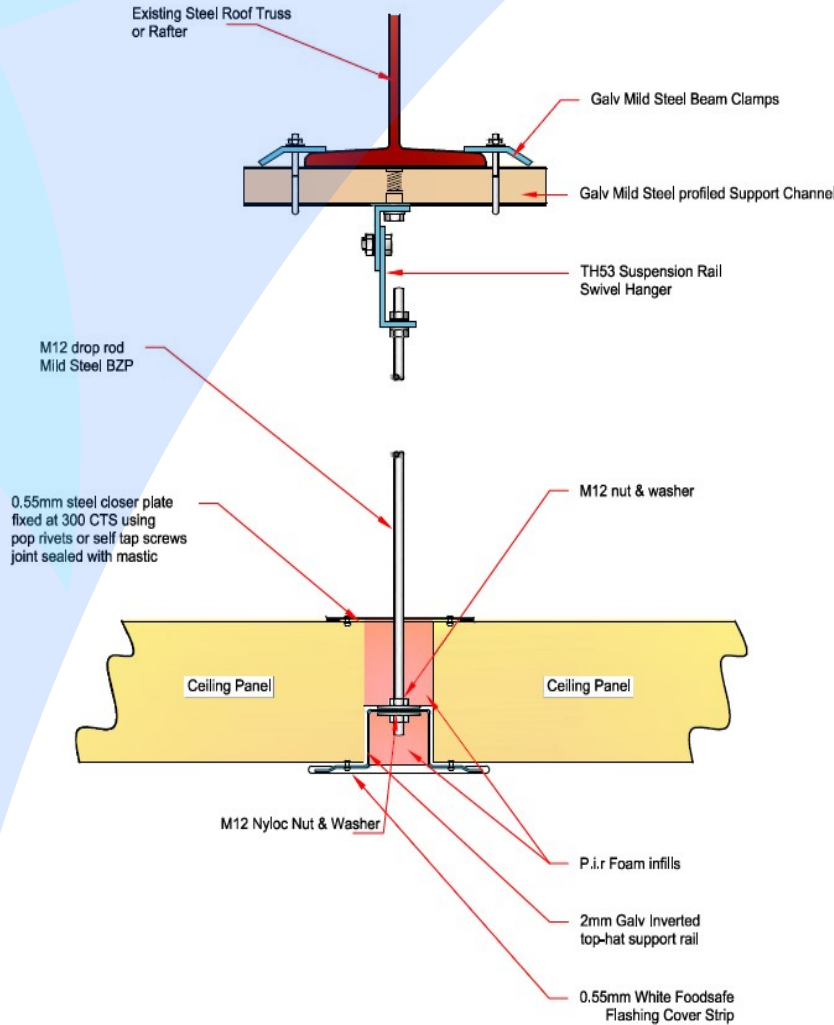


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I1 Ceiling Support Section



Design Load:
2 drop system—300kg per meter.

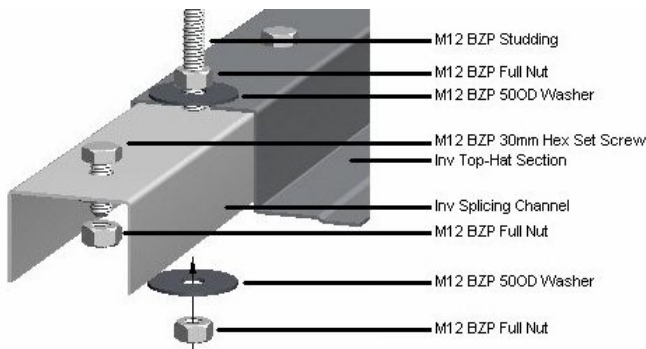
3 drop system 450kg per meter.

(Test reports available on request)

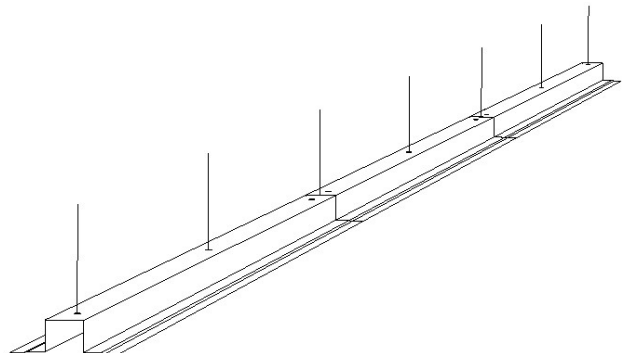
The I1 ceiling suspension is manufactured from Z28 galvanised 2mm steel.

Comes supplied with a bottom slide on cover to suit panel colour. This section is generally used in chiller, and clean rooms.

Suspension is generally at 1800 mm centres. But can be suspended at 3 points for heavier support applications.



The I1 is supplied with strengthening connector pieces, and bottom assembly fixings to bolt the connectors in place and attach to studding.



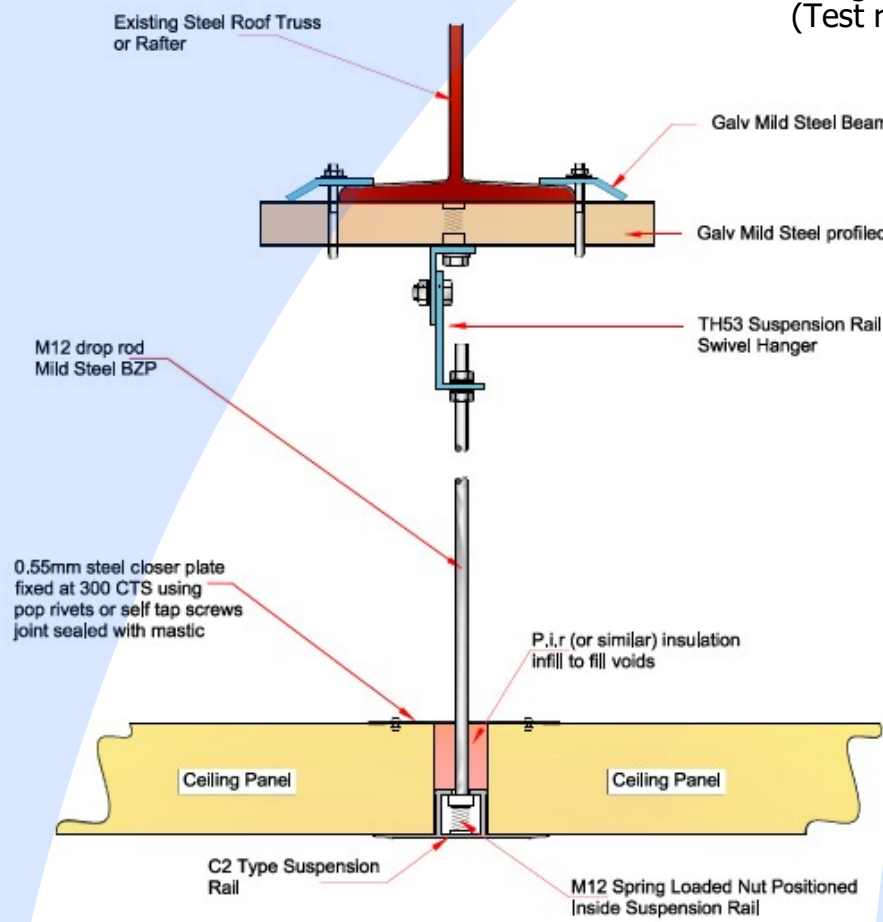
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C2 Ceiling Support Section

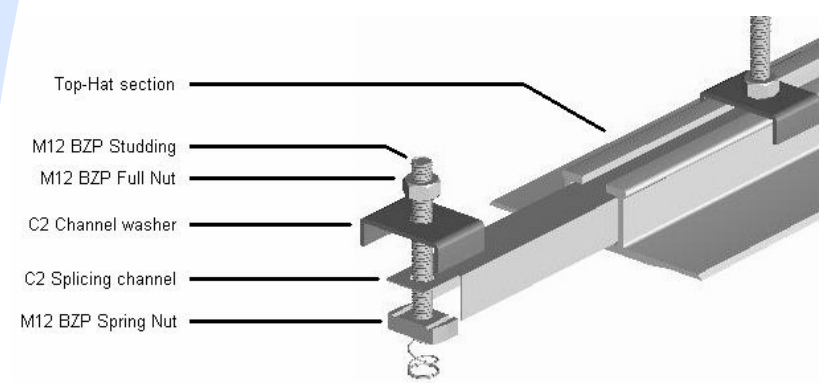
Design Load: 300kg per meter.
(Test reports available on re-



The C2 ceiling suspension is manufactured from 6063T6 Aluminium.

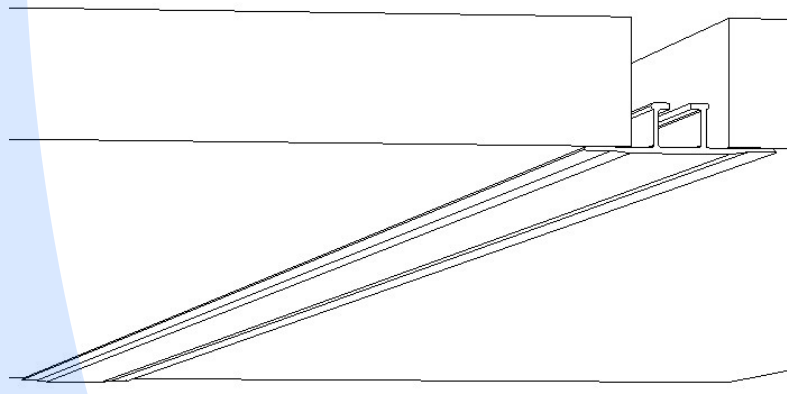
It is polyester powder coated in RAL 9003 White Gloss.

This section is an aesthetically pleasing finish, ideal for chillers, clean rooms.



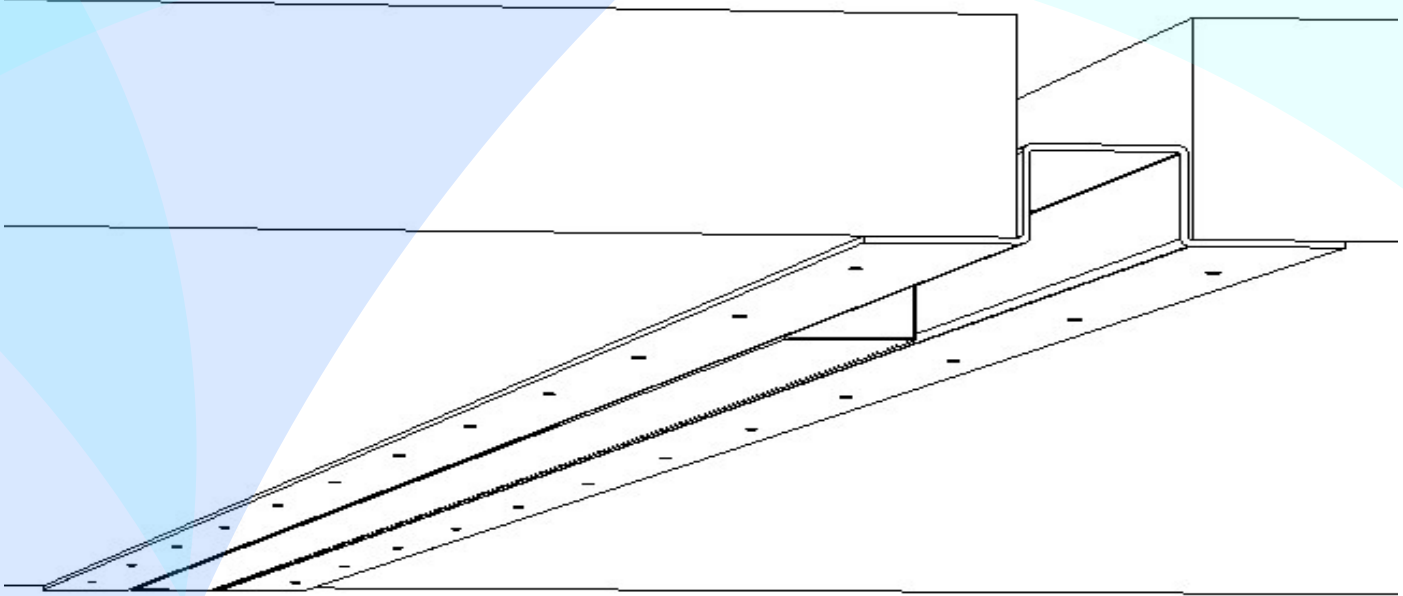
Suspension is made at four points, the first and last drops are in line with the splice channel, the middle two are at 1650mm centres.

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HD1 Ceiling Support Section

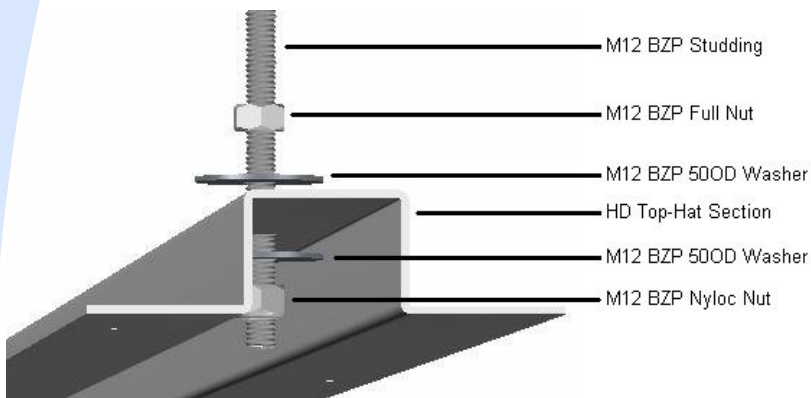


Design Load: 500kg
per meter
(Test reports available
on request)

The HD1 ceiling suspension is manufactured from 3mm Z28 Galvanised Steel.

It is polyester powder coated in 9003 White Gloss.

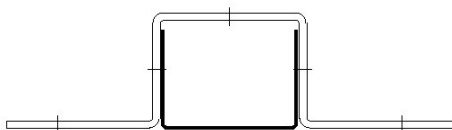
This section is designed for large ceiling spans, where the weight exceeds other systems, such as 200mm rock-wool.



Suspension is made at three points, 300mm from each centre, and 1 central.

Each section is kept in line with the next section with a 'fish' plate.

Heavy Duty Top-Hat Fitted With Insert



The Heavy Duty insert is manufactured from Z28 galvanised 0.9mm steel. It is polyester powder coated in RAL 9003 gloss.

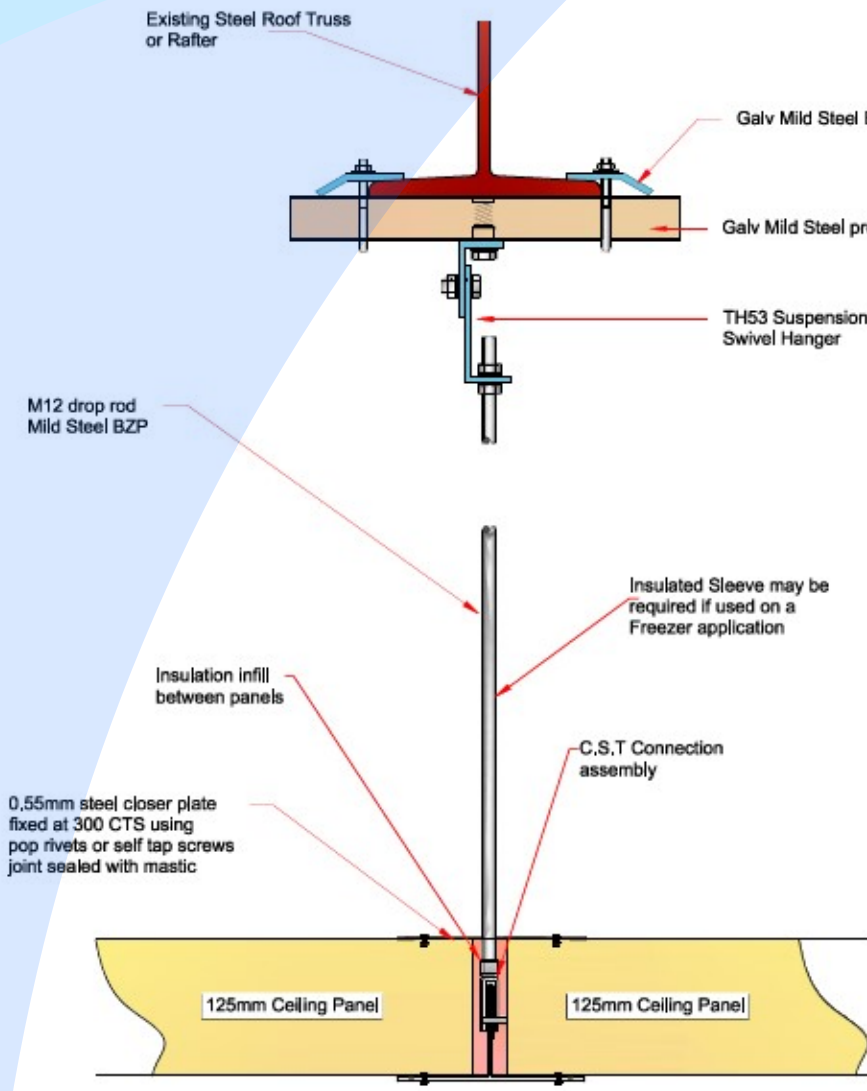
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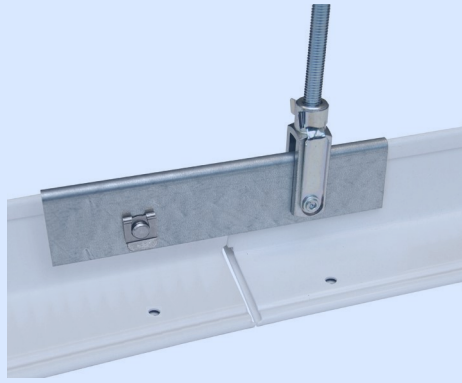
CST Ceiling Support Section

Design Load:
300kg per me-
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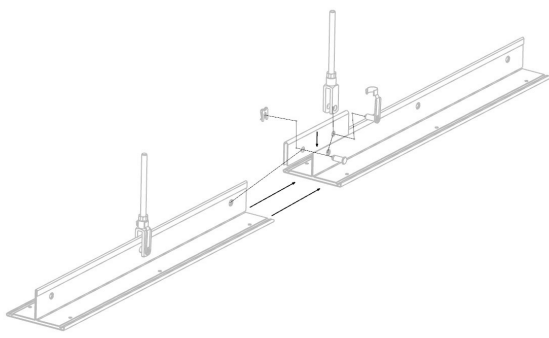


The CST ceiling suspension is manufactured from 2mm Z28 Galvanised Steel. The section is polyester powder coated in RAL9010

The section is a rolled section, and has been designed for specific fire rated applications



Suspension is made at three or four points, depending on application. Each section is kept in line and joined to the next by use of a connector piece.



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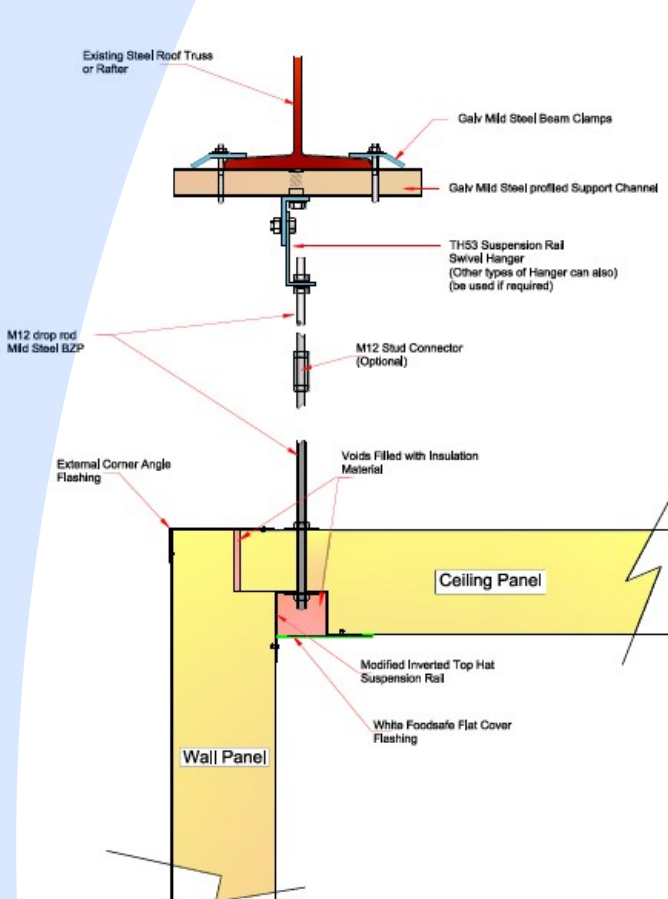
Modified Ceiling Support Section

Modified I1 Ceiling support.

The modified I1 Inverted ceiling section has been designed to give independent support to the end panels for fire rated construction usage.

The ceiling section is made from structural 2mm Z28 galvanised steel.

It uses the same suspension points as the standard Inverted section, and comes with a suitably modified internal angle cover capping to match panel skin.



Made to order Tophat

Special top hats can be made to customer specifications subject to manufacturing constraints and suitable structural engineer recommendations.

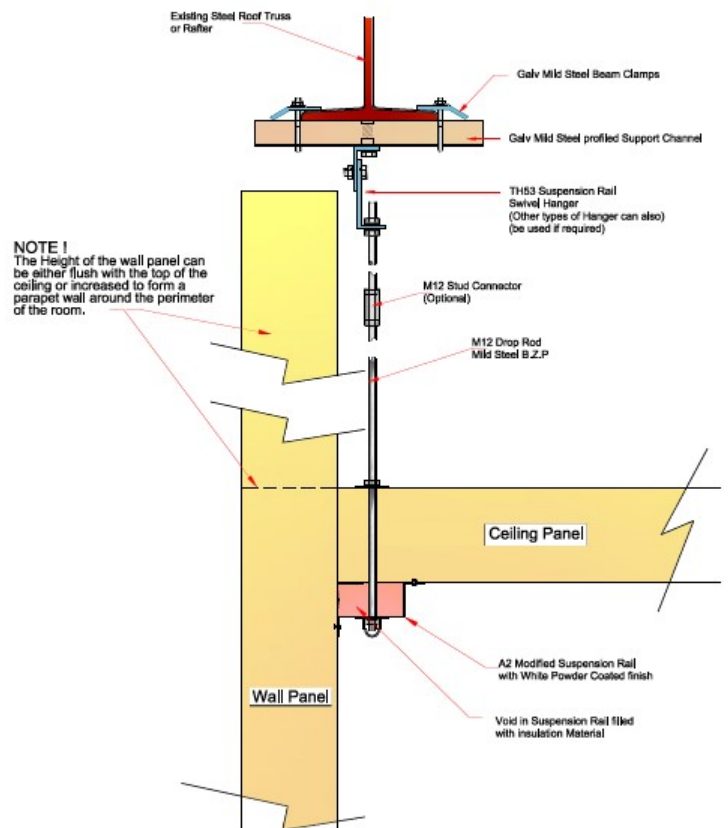
Such as stainless steel A2 sections for use in high corrosive, or clean room environments.

Modified A2 Ceiling support.

The modified A2 ceiling section has been designed to give independent support to the end panels for fire rated construction usage.

The ceiling section is made from structural 2mm Z28 galvanised steel.

It is polyester powder coated Ral 9003 White Gloss. It uses the same suspension points as the standard A2 section.

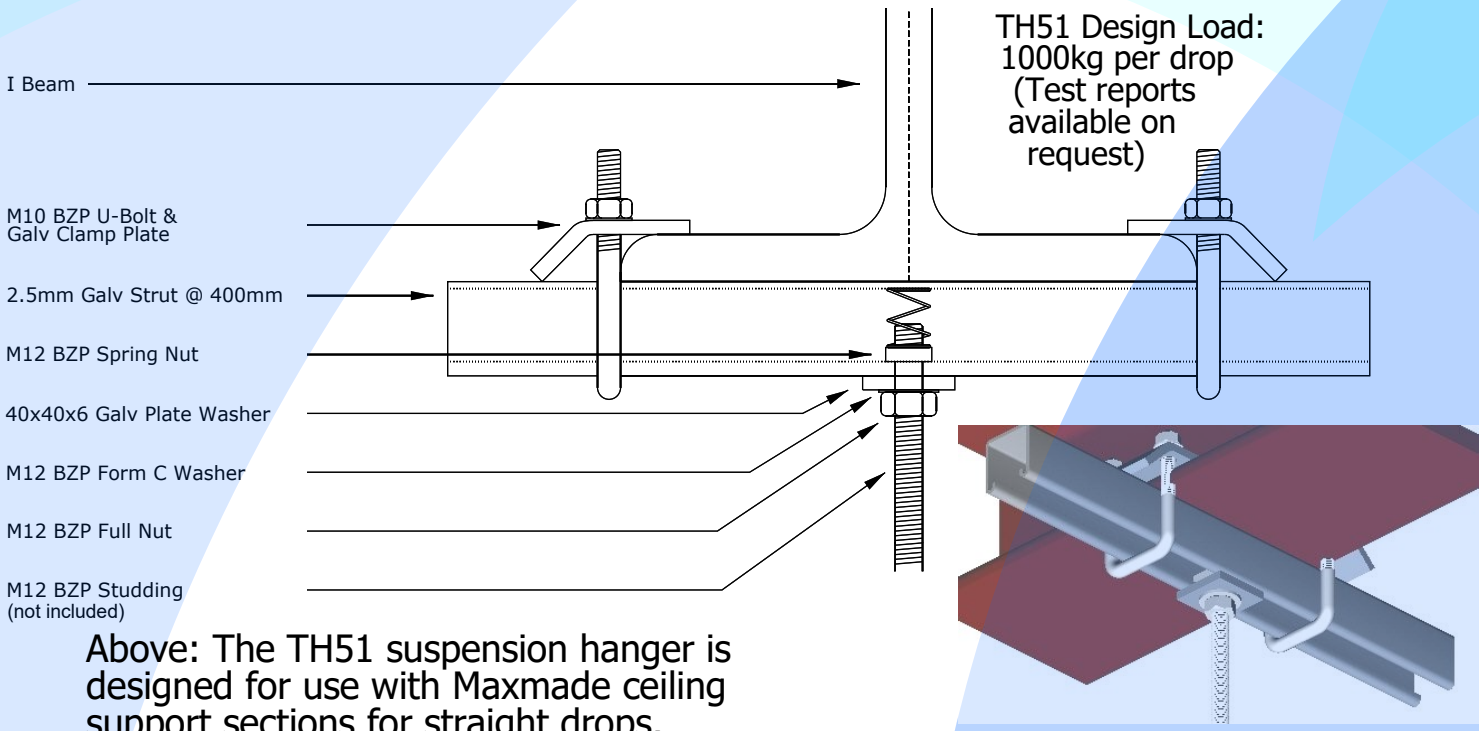


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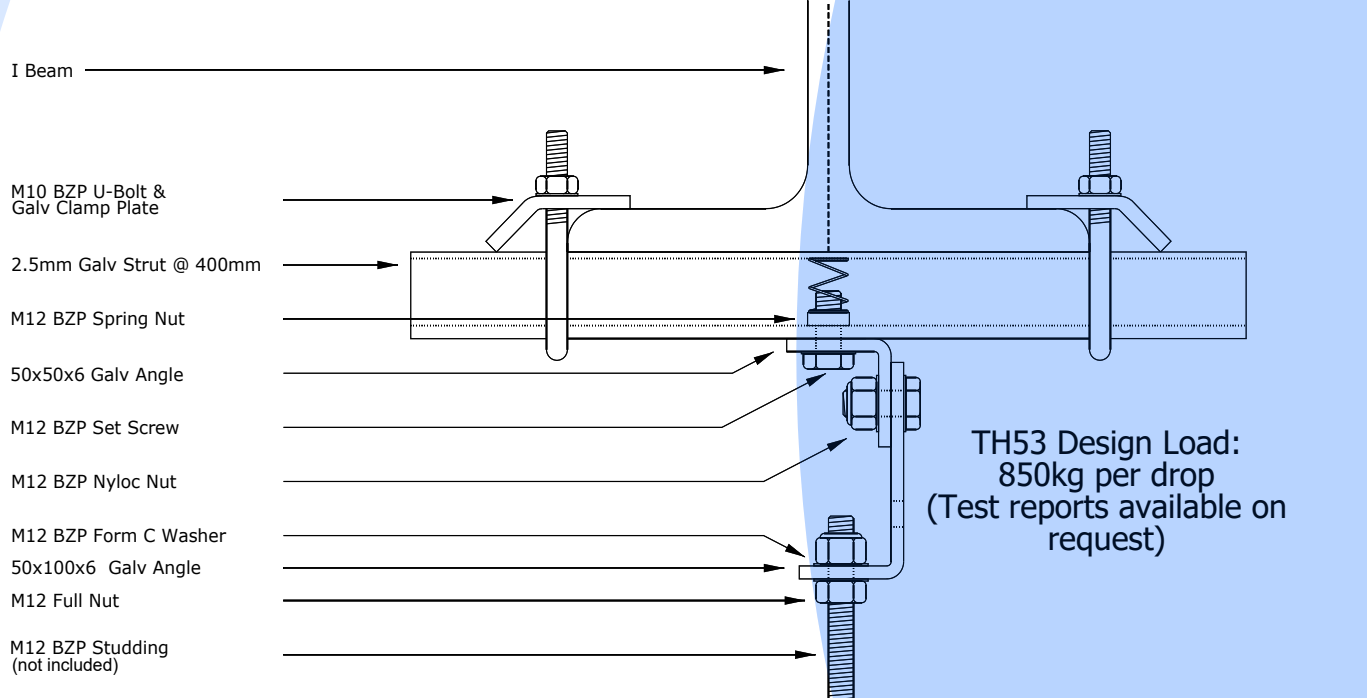


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Ceiling Suspension Assemblies

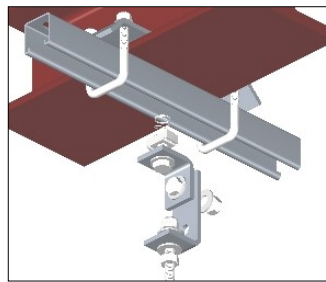


Above: The TH51 suspension hanger is designed for use with Maxmade ceiling support sections for straight drops.



Above: The TH53 swivel suspension hanger is designed for use with the Maxmade ceiling support sections for angled portal beams.

The TH53 kits come pre-assembled.



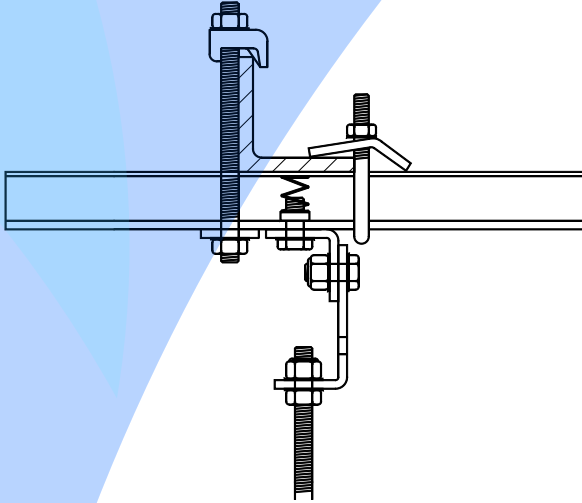
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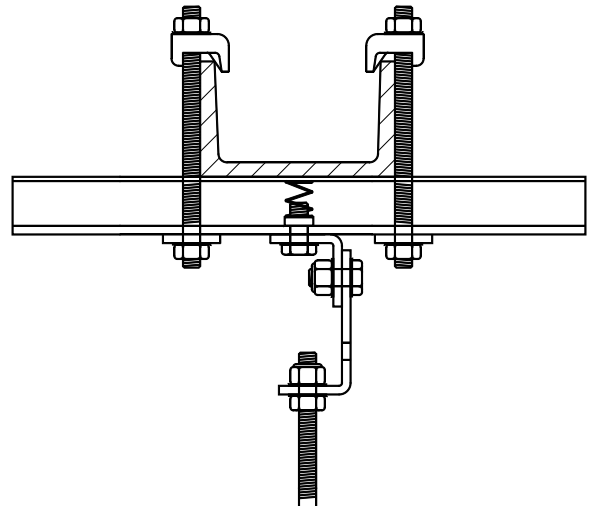
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Other Suspension Assemblies

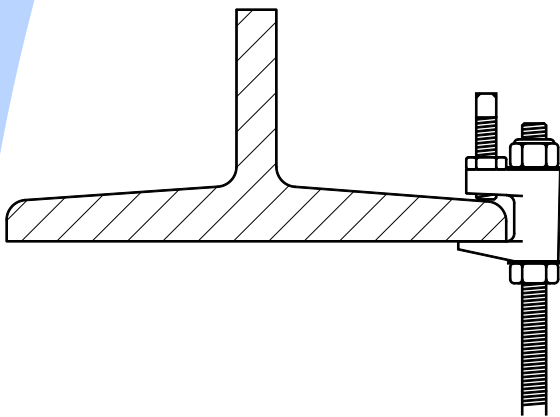
Other suspension methods that may be used with Maxmade Limited's Suspension systems, subject to relevant structural suitability checks.



Example of swivel assembly and Unistrut fitted to angle beam using C2 lindaptors and studding.

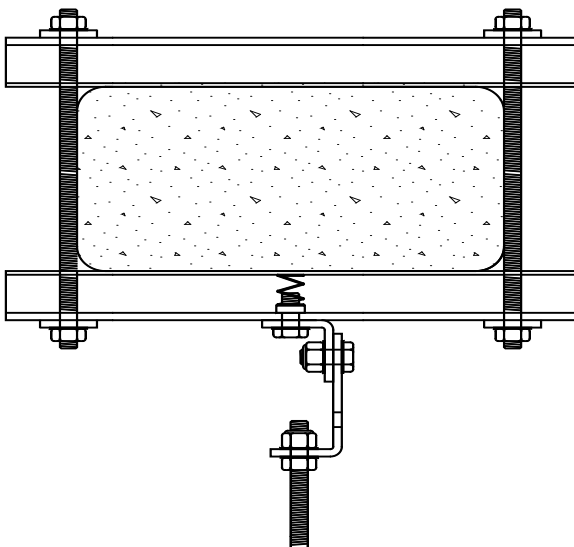


Example of swivel assembly and Unistrut fitted to channel beam using C2 lindaptors and studding.



Use of FL3 Lindaptors and M12 studding fitted to flange of I-beam.

Example of swivel assembly and Unistrut fitted around a concrete beam using studding and plate washers.



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