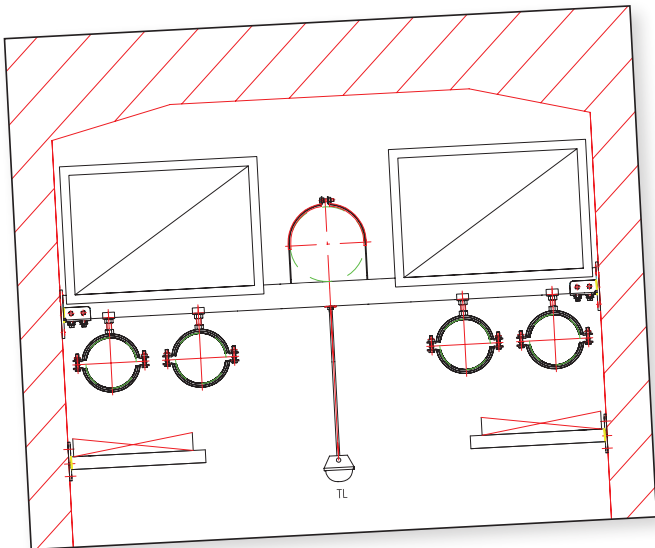


Technical Advisory service



Walraven is proud to supply high quality innovative mechanical, electrical and fire systems together with a range of free value added services, which together offer our customers a complete solution.



Because we recognise that working with fixing and fire protection systems is becoming more and more complex we are delighted to offer all our customers a free comprehensive Technical Advisory service.

- Full product take-off service working directly from project plans/drawings
- Providing detailed quotations to deliver a cost effective solution, ensuring no shortages or wasteful surplus
- Product specification
- 3D modelling of products for BIM
- A range of fully tested anti-vibration and acoustic support solutions
- Specialised supports for complex issues including thermal expansion calculations
- Bespoke design bracketry solutions

For more information please contact:



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Or check out our Technical Support page:



Case studies

Walraven Technical Advisory service has worked together with some of the UK's leading mechanical, electrical, fire and building contractors. Our project experience covers a wide range of industries including, rail, government, retail, office and more. A selection of our projects to date include;



Bevis Marks, London

The bespoke system design included tackling challenges with thermal risers over 16 floors of the new office accommodation. The system design used a variety of products with bespoke designed items. Structural analysis was conducted on all bespoke fabricated anchors.

Products used included:

- BIS Heavy Duty Clamps HD500
- BIS Expansion Guide Assemblies
- BIS dB-Fix® 200 Fixing Point Assembly
- Bespoke fabricated anchors

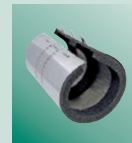


Fitzroy Place, London

Fitzroy Place is the first new square to be built in London W1 for over 100 years and will include private residences, new offices, retail and restaurants. Walraven have worked together with Dornan and Sir Robert McAlpine to support the technical design, specification and installation across the 140,000 sq ft of new office space.

Products used included:

- BIS Pacifyre® MK II Fire Sleeve (M)



Wigan Baths, Wigan

The design of 2 rooftop walkways to allow safe access to machinery across the newly refurbished leisure complex. A flexible design was essential as there were a lot of obstacles to avoid. Design incorporated a step, non-slip GRP and double handrails.

Products used included:

- BIS Yeti® non penetrative feet
- BIS RapidStrut® Fixing Rail (hdg)
- BIS RapidStrut® fixings



Debenhams, Ellesmere Port

A sub frame was required to support a suspended ceiling across the 5,600 sq m site, the installation included fixing to a mixture of purlin and concrete slab. Our BIS RapidRail® system was used to span between the existing structure and gave a perfect support structure for the suspended ceiling. Load calculations were preformed and certificates provided to ensure the most efficient Rail was used.

Products used included:

- BIS RapidRail® WM15 and WM2
- BIS RapidRail® Slide Nuts
- BIS Ball Swivel Hangers
- BIS RapidRail® Connectors

