



Passive Fire Protection

Overview

Fire Protection Boards
Cavity Barriers | Fire Stopping



The Encon Group is the UK's No 1 independent distributor of building materials and project solutions with four specialist divisions: Encon Insulation, Nevill Long Interior Systems, Encon Technical Solutions and Encon Construction Products. Our Group also benefits from dedicated Passive Fire Protection Centres and teams.

Fire protection and building safety needs to be top of mind when specifying and installing the best solutions for your project. Our specialist passive fire protection teams ensure products match the performance required to meet the latest building safety regulations. Our extensive range from market leading brands includes **Fire Protection Boards, Cavity Barriers, Fire Stopping** and access to **Bespoke Systems**.

For detailed product information and to view the complete range, visit our website or download our Passive Fire Protection Product Guide at www.encon.co.uk

Working with trusted & specified brands



...and many more!

Fire Protection Boards

We supply a comprehensive range of Fire Protection Boards for a variety of applications including structural steel protection, internal partitions, shaft walls, ceilings/soffits, floors, roofs and external walls. The boards are suitable for use in any project where passive fire protection measures need to be taken, with most made from A1 non-combustible materials to meet fire safety regulations.



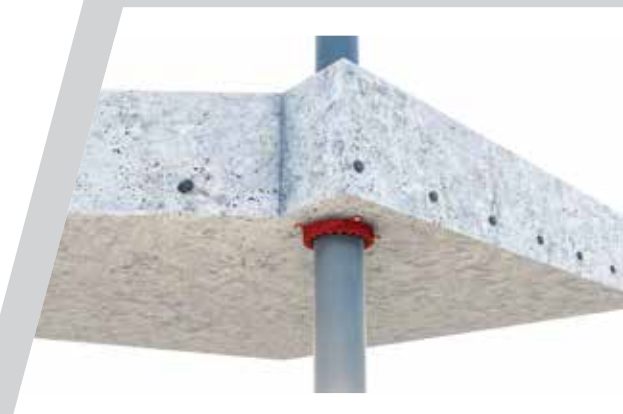
Cavity Barriers

Working with leading manufacturers we offer a choice of third party tested and certified Cavity Barriers. Designed to prevent the passage of flames and smoke through concealed spaces, solutions are available to suit a range of applications including ventilated façades, masonry, timber frame and roofs.



Fire Stopping

We supply a range of Fire Stopping products including linear gap seals, protection for service penetrations and sealants. All these products help to prevent the passage of fire and smoke by reinstating the integrity of fire-rated walls, floors and other constructions. We work with manufacturers who maintain the highest product standards, offering third party tested and certified solutions.



Case Study: Triumph House, Nottingham

Encon & Nevill Long Nottingham played a pivotal role in the supply of product solutions to the all-inclusive private student accommodation, Study Inn, Triumph House in Nottingham. The luxury accommodation is a stone's throw away from Nottingham Trent University's main campus, and includes a wellness spa, sauna, steam room, gym and yoga studio as part of the communal areas.

The apartments needed to be ready for students in the new academic year, so the project had a specific schedule for completion.

Contractor WD Drywall required a selection of interior systems for the exclusive project and worked with Encon & Nevill Long for the supply of Knauf drywall products. These included Knauf Soundshield Plus and Knauf Fire Panel high-performance boards, and all accompanying metal sections. For the complete installation, Knauf Insulation Acoustic Rolls were also delivered.

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Encon was a pleasure to work with on this project. From dealing with the sales team pre-contract, to getting all our orders arranged, they really provided a fantastic service and went above and beyond.

It was a challenging programme and with help from Encon, the whole team were able to exceed the client's requirements. Thanks again to the Nottingham team.

”

Danny Walsh, Estimator, WD Drywall



Triumph House, Nottingham. The exclusive student accommodation benefits from a wellness spa, sauna and steam room.

Case Study: Equinix LD7.2 Data Centre

Our West London branch and specialist Fire Protection team delivered leading passive fire protection solutions to the new data centre Equinix LD7.2.

Led by Reid Brewin Architect and ARUP and working with Mercury Engineering Contractors (MEC) Limited and installer J Coffey Construction, Encon Insulation & Nevill Long supplied Promat PROMATECT® 250 fire board, Promat PROMASEAL® range and systems, Hilti Firestop range and systems, Siderise CW-FS perimeter barriers and fire stops.

The building connects the new site to the existing campus and the public realm, to provide the client with up to 6,600m² of white space and 12MW IT load. It presented many challenges, including a demanding fast track build programme, bespoke passive fire protection systems, and working with restricted site storage and access. The design team used BIM modelling technology to extract data, identify issues ahead of the installation phase and avoid costly errors and waste.

Our Fire Protection Business Development Director Neville White comments:

“The main challenge on this project was the procurement and servicing of products. With tight site storage conditions onsite, installation of products in some areas was required at short notice. Ensuring product availability and the delivery of products in the quantities needed at the required time was vital. Encon also assisted J Coffey with solutions on specific areas, which helped determine when materials would be required and forward planning.”



Encon delivers on Passive Fire for new £90m data centre.

“

Using the BIM Firestop design service offered a new and innovative approach to the design of passive fire protection systems. Working with market-leading suppliers enabled us to resolve project-specific issues that we would have otherwise had to solve on an ad hoc basis on site.

”

Gareth Dean, J Coffey Construction

Why choose Encon?

Trusted & Specified Brands

Our dedicated branches have all the major passive fire protection brands under one roof, making it easy for you to find exactly what you need.

Unrivalled Service, Nationwide

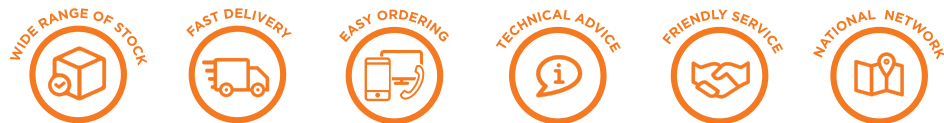
Our national network means there is always an Encon branch within reach to support your project needs. Our fully stocked warehouses and yards, convenient collection service, dedicated fleet and flexible deliveries ensure you get all the products you need, on time, to specification and in the volumes you need.

Specialist Knowledge

Our qualified passive fire protection teams have the specialist knowledge to deliver the reliable support you need at every stage of the project.

Quality & Safety Assured

Health and safety is always top of mind, in our workplace, on site and on the road. Our HSEQ team continually strives to oversee, implement and improve health and safety procedures throughout our business. We are fully accredited to ISO 9001, ISO 14001 and ISO 45001 and carefully consider the social and environmental impacts of our business.



Accreditations & Memberships



Certificate Number 2177
ISO 9001, ISO 14001
ISO 45001



Encon Branch Network

Our nationwide network of over 20 branches and vast vehicle fleet ensures products are delivered on time and in full, providing customers what they need, when they need it, from one main supplier.

All our branches can supply an extensive choice of solutions including building insulation, interior systems, technical insulation, construction products and passive fire protection. Our network also includes 10 dedicated Fire Protection Centres with specialist teams to support individual project needs. See below:

Specialist Passive Fire Protection Centres

Birmingham

Tel: 0121 356 0606
email: birmingham@encon.co.uk

Cardiff

Tel: 02920 895 040
email: cardiff@encon.co.uk

East London

Tel: 0208 526 8440
email: eastlondon@encon.co.uk

Fareham

Tel: 01329 230 555
email: fareham@encon.co.uk

Glasgow

Tel: 0141 641 0011
email: glasgow@encon.co.uk

Leeds

Tel: 0113 220 7000
email: leeds@encon.co.uk

North West

Tel: 01257 248 220
email: northwest@encon.co.uk

Northampton

Tel: 01604 667 430
email: northampton@encon.co.uk

Nottingham

Tel: 0115 978 0040
email: nottingham@encon.co.uk

West London

Tel: 0208 831 1530
email: westlondon@encon.co.uk

Wetherby (Head Office)

Tel: 01937 524 200
email: info@encon.co.uk



SCAN ME

View our full list
of branches and
their specialisms.

National Fire Protection Team

Neville White

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