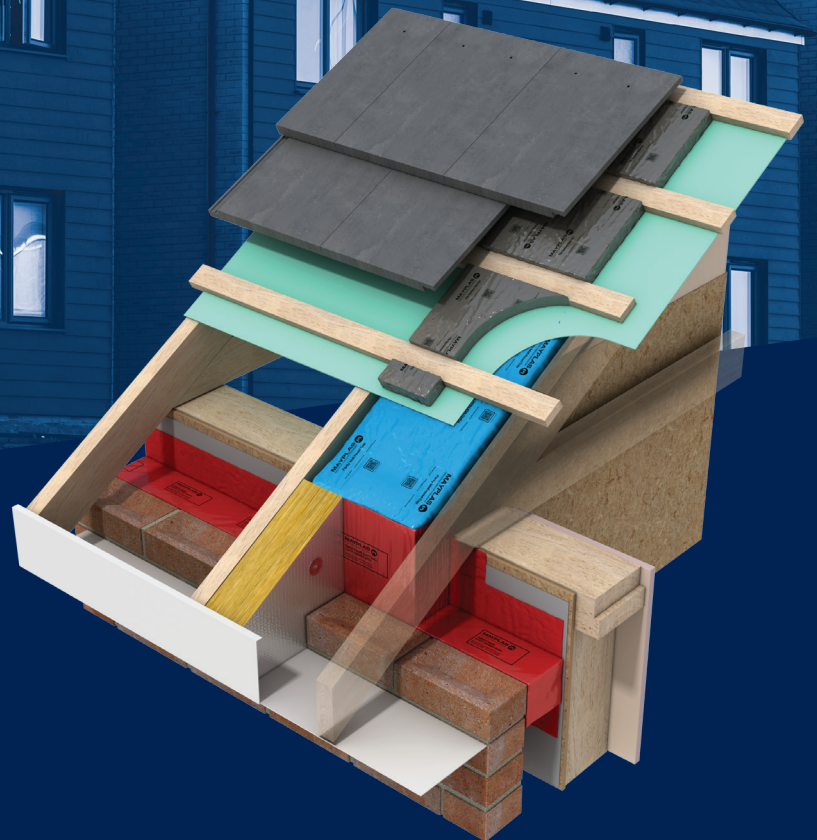
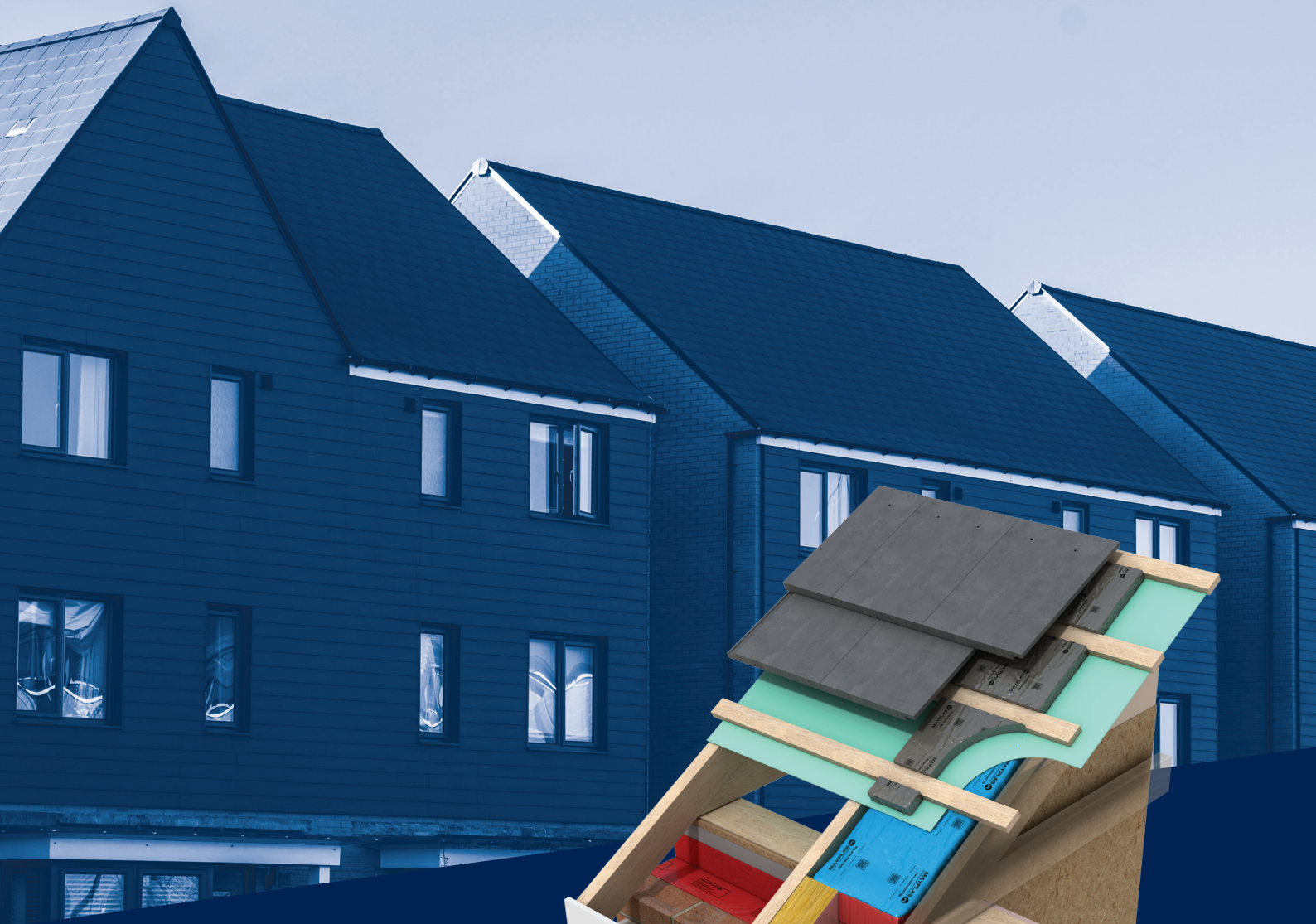


MAYPLAS
FIRE • ACOUSTIC • THERMAL SOLUTIONS



PASSIVE FIRE PROTECTION FOR HOUSEBUILDERS

THE RIGHT SOLUTIONS TO HELP REALISE
BUILDING DESIGN SAFETY AND PERFORMANCE



GET TO KNOW MORE ABOUT US

As an insulation specialist, Mayplas is a manufacturer of choice for a wide range of fire, acoustic and thermal insulation products. Mayplas offers a rapid turnaround on volume and bespoke orders with a commitment to always deliver on quality, value and performance.

From its modern facilities, Mayplas can accommodate virtually any insulation specification. Working with housebuilders, architects, contractors, developers, distributors and merchants, Mayplas consistently delivers insulation solutions to meet even the most demanding of applications.



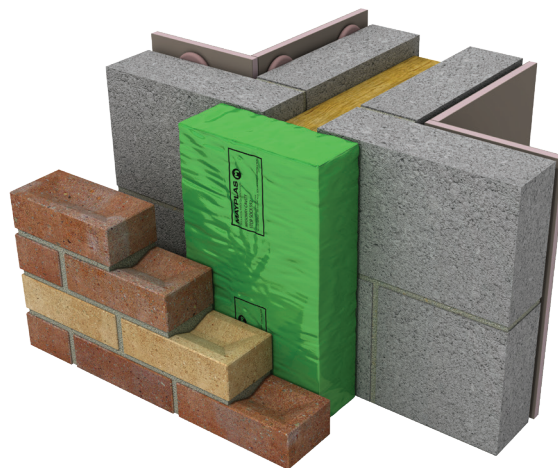
In addition to the company's own range of insulation products, Mayplas is an approved manufacturer and supply partner for a number of market-leading brands.

TECHNICAL SUPPORT

Utilising our experience across the core areas of fire, acoustic and thermal insulation, the Mayplas technical team can provide guidance with the following:

- In-depth product knowledge
- Specification requirements
- Product installation support
- Fire stopping & cavity barrier requirements
- Acoustic & thermal insulation requirements
- Technical expertise





OUR KEY OFFERINGS

CAVITY FIRE BARRIERS & CAVITY CLOSERS

Mayplas provides cavity fire barriers and cavity closers for effective fire resistance and thermal insulation.

ACOUSTIC & THERMAL INSULATION

Mayplas provides acoustic and thermal insulation solutions for sound reduction and energy efficiency.

CEILINGINGS

Mayplas offers high-performance ceiling pads and rolls products for enhanced acoustic and thermal performance.

TECHNICAL INSULATION

Mayplas provides specialised technical insulation solutions that save energy.

Mayplas has developed an extensive range of fabrication services which can be applied to a wide range of fire protection, acoustic, and thermal products.



EXPERIENCED AND RELIABLE

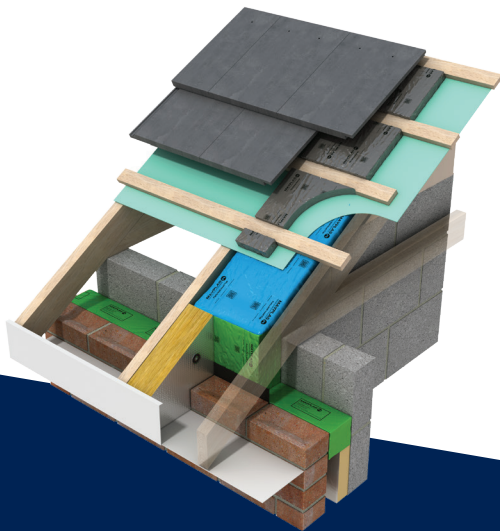
With over **45 years of experience** in insulation conversion, Mayplas is a manufacturer of fire, acoustic and thermal products for the construction, HVAC and appliance sectors. Expert in the distinct yet closely related disciplines of fire, acoustic and thermal insulation, Mayplas is equipped to provide guidance on a straightforward and cost effective route to Part B, Part E and Part L for England and Wales and also provide Scottish Technical Handbooks compliance. Servicing the UK and Ireland from its substantial manufacturing base in the North West of England, Mayplas products are available through a national network of insulation distributors.



The Mayplas **Thermal Eaves Batt** is designed to prevent cold bridging at the eaves by sealing the gap between the insulation and roof membrane. Easy to install, it maintains ventilation while ensuring insulation continuity, enhancing thermal efficiency and protecting against condensation, making it an essential component in roof construction.



The Mayplas **Party Wall Head Cap** is designed to prevent fire spread at the top System of party walls. It effectively seals the gap between the party wall and the roof structure, maintaining fire integrity and acoustic, ensuring compliance with building regulations, and improving overall safety and performance.



OUR SOLUTIONS

MASONRY to MASONRY SUBSTRATE

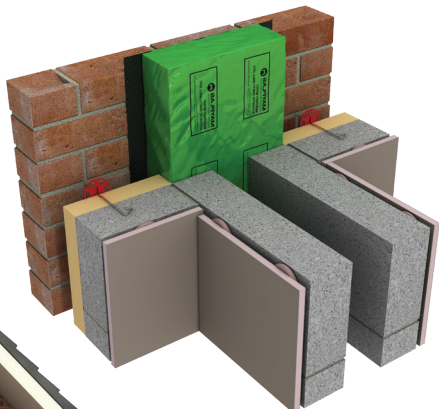
Mayplas offers a range of masonry fire protection and thermal insulation products including cavity barriers, cavity closers and Thermal Eaves Batts. These products are designed to enhance thermal efficiency, prevent fire and sound transmission, and ensure compliance with building regulations for masonry constructions.



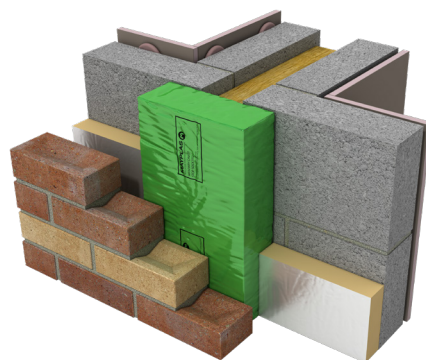


MASONRY SUBSTRATE

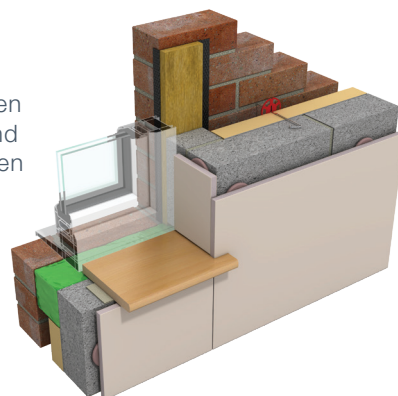
The **MP557 Party Wall DPC** is designed to prevent the passage of fire within external masonry wall locations and to assist in reducing flanking sound transmission at party wall/external masonry wall junctions and mid-cavity applications. It has an integral DPC already applied.



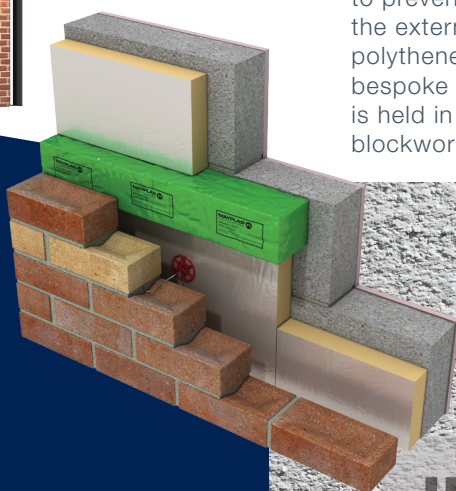
The Masonry **Party Wall Cavity Barrier** is designed to prevent passage of fire through concealed voids within the external fabric of a masonry wall construction, specifically where the junction is formed between the external cavity and the party wall cavity. The polythene-enclosed stone wool fibre barrier is manufactured in bespoke sizes to suit the specified cavity width, and held in place under compression



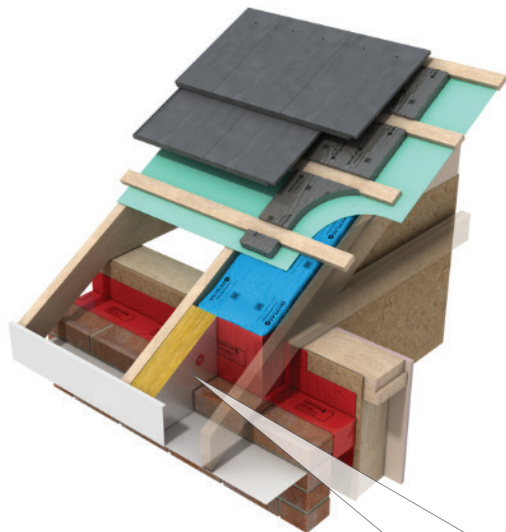
The Mayplas **FR Reveal Cavity Closer** has been designed to close cavities for fire, acoustic and thermal purposes; it reduces coldbridging when closing cavities at door and window frames. MayplasFR Reveal Cavity Closer has been independently tested in accordance with BS EN 1366-4:2021 and classified in accordance with BS EN 13501-2:2023.



The Mayplas **MP552 Masonry Cavity Barrier** is designed to prevent passage of fire through concealed voids within the external fabric of a masonry wall construction. The polythene-enclosed stone wool barrier is manufactured in bespoke sizes to suit the specified cavity width. The barrier is held in place under compression between the inner blockwork and outer masonry the leaf.



|| Mayplas fabricate and supply a wide range of fire, acoustic and thermal construction and OEM products, with bespoke manufacture a core offering. Our adaptable processes and working practices ensure short lead times. ||



The Mayplas Party Wall Head System provides fire protection compartmentation at the party wall junction above a twin spandrel panel for both masonry and timber frame applications.

The Party Wall Head System comprises of 2 components:

- 1:** The Party Wall Head Cap which is fitted over the entire width of the spandrel panels but under the breather membrane.
- 2:** The Tile Batten Barrier, which is fitted over the Party Wall Head Cap, into which the counter battens are fitted.



Mayplas Thermafire A2 Soffit

products provide thermal and acoustic insulation within the soffit at the party wall junction. The product which is foil faced on both sides, is available in various densities and thicknesses, facilitating thermal resistance values as required by Building Regulations.



OUR SOLUTIONS

TIMBER to MASONRY SUBSTRATE

Mayplas provides specialised timber frame cavity barriers, soffit insulation, and party wall passive fire protection systems to improve fire resistance, acoustic performance, and thermal insulation. These solutions are tailored for timber frame constructions, ensuring effective fire compartmentation and compliance with regulatory standards.





TIMBER SUBSTRATE

MP551 Timber Frame Cavity Barriers are designed to prevent passage of fire through concealed voids within the external fabric of a timber frame building. The polythene enclosed stone wool barrier is manufactured in bespoke sizes to suit the specified cavity width. Suitable for vertical and horizontal applications for mid-cavity vertical and horizontal applications.



MP551 Timber Frame Party Wall Cavity Barrier

is designed to prevent passage of fire through concealed voids within the external fabric of a timber frame building, but more specifically where the junction is formed between the external cavity and the party wall cavity. MP551 Timber Frame Party Wall Barrier is suitable for use at party wall lines and manufactured in sizes to suit customer specified cavity widths.



MP551 Timber Frame Cavity Barriers are polythene enclosed stone mineral wool cavity barriers manufactured in sizes to suit customer specified cavity widths. MP551 Timber Frame Cavity Barriers assist in satisfying requirements of guidance documents such as Approved Document B and The Scottish Technical Handbooks. MP551 Timber Frame Cavity Barriers are suitable for both vertical and horizontal positioning around apertures such as doors and windows.



**COMING
SOON**



Thermal Eaves Batt products intend to provide a thermal barrier at the interface between the ceiling loft space and the external wall for both masonry and timber frame new build applications.

It is comprised of 2 main components:

- 1:** Eaves tray
- 2:** Brown polythene enclosed stone mineral wool insulation batt



|| The quality and performance of the cavity barriers, backed by test data, has made Mayplas our supplier of choice. The custom option has aided offsite picking and onsite installation. ||

Taylor Lane Timber Frame Ltd.

WHAT WE ARE OFFERING

Mayplas provides comprehensive fire, acoustic insulation and thermal solutions tailored for house builders. Our product range includes cavity fire barrier systems and cavity closers, designed to prevent the spread of flames and smoke.

Thermal insulation solutions maintain energy efficiency by reducing heat loss, while acoustic insulation products minimise sound transmission for improved living comfort.

Mayplas products are designed to meet stringent building regulations, aiding compliance in construction projects. With a focus on quality and performance, Mayplas supports housebuilders in creating, energy-efficient, and comfortable homes.



Product	Summary of Fire Performances
Party Wall Head Cap System	Assessed to BS 476-20:1987 & BS 476-22:1987 and achieves 60 minutes fire integrity and 60 minutes insulation
MP552 Masonry Party Wall Cavity Barrier	Tested and assessed to BS EN1366-4:2021 for up to 60 minutes fire integrity and insulation
MP552 Masonry Cavity Barrier	Tested to BS EN1366-4:2021 for up to 60 minutes fire integrity, tested at both mid-cavity and flush to apertures
MP551 Timber Frame Party Wall Cavity Barrier	Tested and assessed to BS EN1366-4:2021 for up to 60 minutes fire integrity and insulation
MP551 Timber Frame Cavity Barrier	Tested to BS EN1366-4:2021 for up to 60 minutes fire integrity, tested at both mid-cavity and flush to apertures
FR Reveal Cavity Closer	Tested in accordance with BS EN 1366-4:2021 and classified in accordance with BS EN 13501-2:2023, with up to 120 minutes Integrity and 60 minutes Insulation
Thermafire A2 Soffit	Reaction to Fire A2-s1,d0 according to BS EN 13501-1



Our experienced Sales Team is on hand to help guide you through any technical enquires, the ordering process and any queries about your delivery.

CONTACT US

0161 447 8320

sales@mayplas.co.uk

www.mayplas.co.uk

