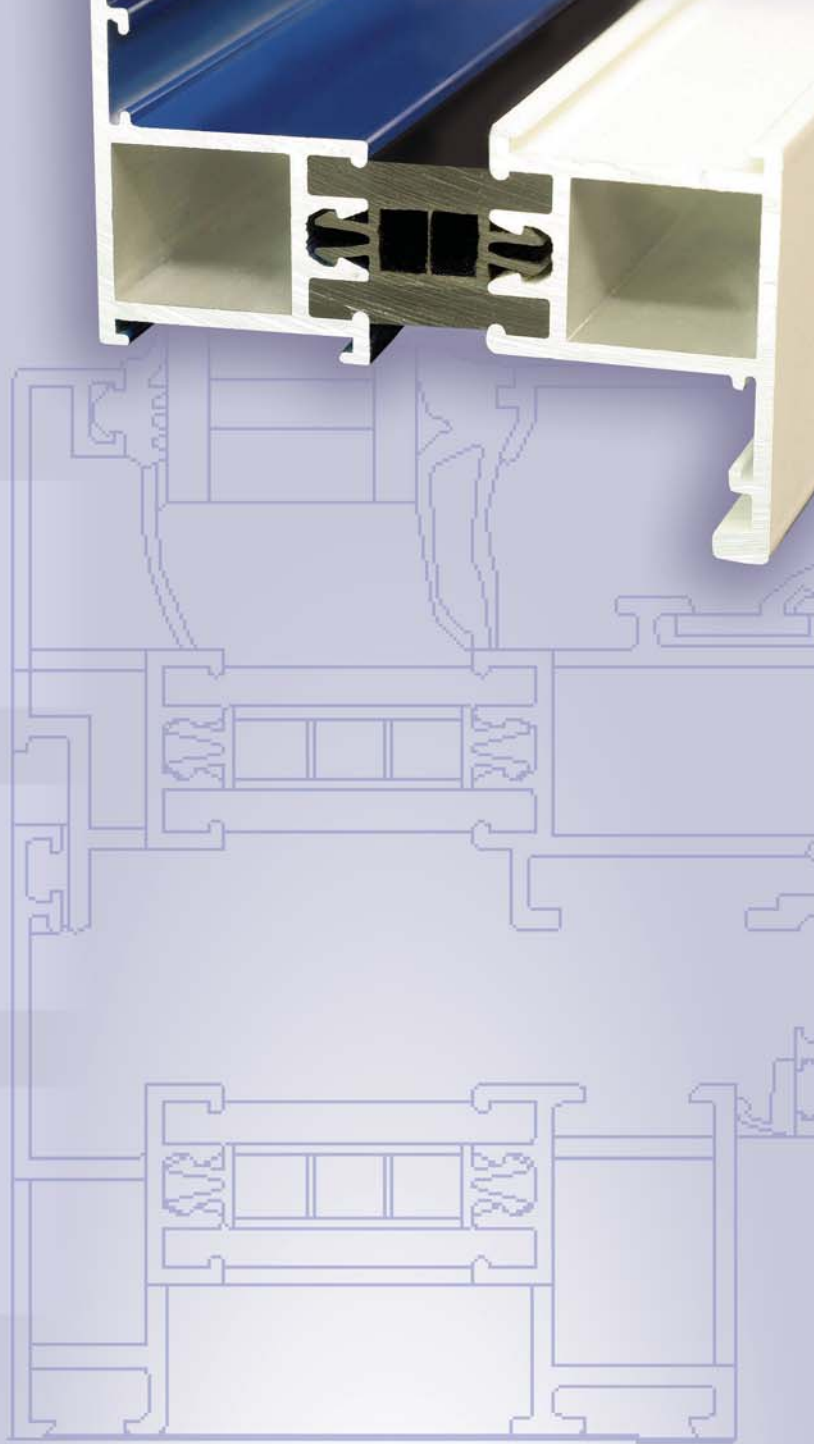


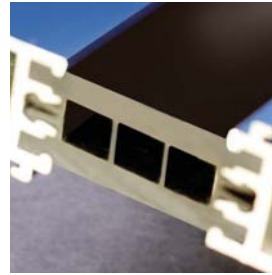
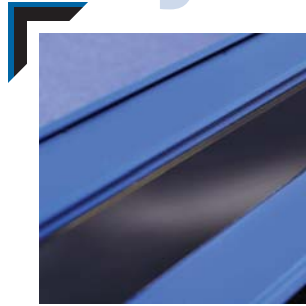
the system for all seasons

Polyurethane Clip and Pour  
Thermal Technology for Aluminium Windows

Thermbridge Ltd



## the system for all seasons



### Welcome to Clip and Pour

Clip and Pour is an innovative process for aluminium windows that takes polyurethane thermal barrier technology to a new level. This new system offers high performance and appearance to a standard difficult to match.

The system allows a choice of colours on the inner and outer window face and a range of different profiles according to technical or visual specification. Its assembly utilises a clipping arrangement and polyurethane thermal barrier material.

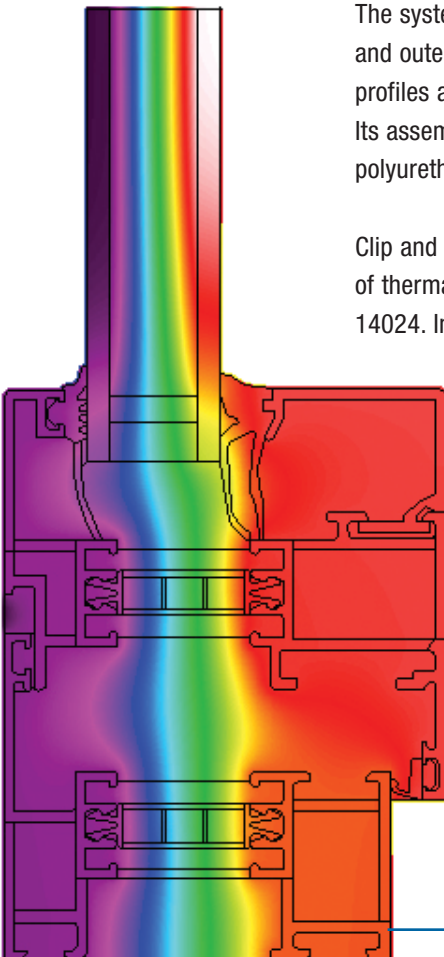
Clip and Pour can comply with the mechanical testing of thermal barrier systems as specified in BS EN 14024. In addition to its versatility, durability and superior thermal performance, it is aesthetically pleasing and delivers a high degree of satisfaction and added value to the end user.

In accordance with the EU Energy Performance in Buildings Directive, the Clip and Pour system provides a flexible alternative to meet all European fenestration standards and performance.

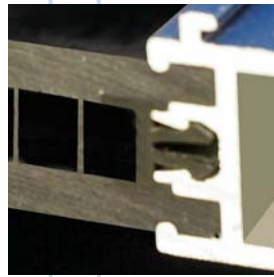
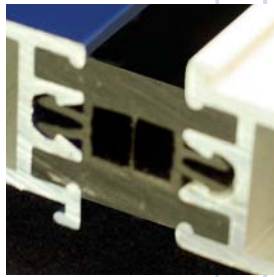
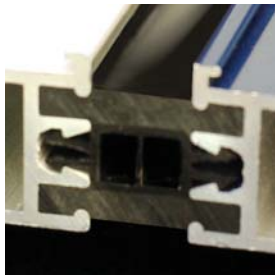
Clip and Pour represents high performance innovation using the concept of polyurethane thermal systems in aluminium window design.

- **A revised polyurethane application with increased versatility and flexibility in design over established thermal systems.**
- **An innovative concept maintaining the good productivity level of polyurethane in aluminium window systems.**
- **Two colour options, variable thermal width, plus the ability to mix and match profiles.**
- **Enables more flexible stocking arrangements for fabricators, stockists and systems companies.**
- **Offers the option to easily change thermal performance in line with European energy efficiency standards.**

*A thermal image clearly shows the insulation benefits of the Clip and Pour system*



# sons



## Mechanical Performance

- **Polyurethane has excellent mechanical performance when used in combination with aluminium extrusions.**
- **Superb shear performance.**
- **No twisting or distortion, superior torsional rigidity, particularly when used with very wide thermal widths.**

## Thermal performance

- **Clip and Pour permits thermal widths of any size to 24mm and beyond.**
- **Clip and Pour's wide thermal barrier capability provides optimum performance to achieve the best window energy rating and 'U' value performance to meet any new forthcoming regulations.**
- **Clip and Pour maintains well established productivity levels associated with polyurethane thermal barrier production.**

## About Us

Thermbridge Limited was established in 2003 to bring together experience and expertise gained through over 30 years in the fenestration industry.

Based in the UK, the company operates in niche markets across Europe, providing polyurethane thermal barrier systems for aluminium window systems. Clients include leading window systems companies, aluminium extruders and approved applicators.

Thermbridge also provides a consultative function on the effects of thermal design and performance in window profiles. Training and advice is provided on thermal simulation software and a fully certified thermal simulation service is offered for all window types and materials.

A full testing service is available for the monitoring of Thermbridge materials used in the production of thermal barrier systems.

A complete range of processing equipment for Clip and Pour is available for new customer start-ups, ranging to highly automated machines for the large and well established company. Adapting existing polyurethane equipment to the Clip and Pour process is available at a low entry cost.

# Clip and Pour

the system for **all** seasons



BFRC Certified  
Simulator 016



## Thermbridge Ltd

Thermbridge is a member of the Council for Aluminium in Building also BFRC certified thermal simulation is available.

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