Project Description
Durability, safety and aesthetics needed to work together for the Burton Borough School project.

The client (Telford and Wrekin Council) and the building’s designer (TACP Architects) wanted a highly attractive facade solution which is also safe, durable and which makes a statement with its appearance.

The BURTON BOROUGH SCHOOL development is a brand new sports hall for Burton Borough School in Newport, Telford.

With a projecting header pattern on the front elevation of the building, made by alternating between half bricks and full bricks, the new sports hall creates a fascinating and truly eye-catching impression.

Safety is Paramount
As this building will be used primarily by schoolchildren, it was especially important that it was built using a durable solution which can stand up not only against weather conditions, but is fully non-combustible.

The Solution
Working through Kynaston Contracts with Pave Aways Building Contractors and

TACP Architects, Ash & Lacy proposed the use of its exclusive MechSlip façade.

Developed in conjunction with Ibstock Kevington, MechSlip is a lightweight, mechanically fixed system that offers significant advantages including reduced installation times and associated costs, as well as being classified A1 (non-combustible) to EN 13501-1 fire testing standards.
DURABLE
Delivers the colour-fast stability and natural weathering behaviour of a traditional clay brick finish.

FASTER
Easy to install, minimising time on site and the associated labour costs.

SAFE
Fully mechanically secured brick slips with a full system fire rating of A1 to EN13501-1 standards.

PREDICTABLE
Makes programming easier by eliminating the uncertainties associated with weather dependent processes.

LIGHTER
Over fifty percent lighter than traditional masonry, reducing structural load.

SIMPLER
Ideal for installation using aerial work platforms, minimising the need for scaffolding.

KEY BENEFITS OF THE SOLUTION

Facade Finish
MechSlip has a design that allows specifiers and architects to create distinctive façades thanks to the flexibility of different sizes of brick slips and choice of multiple colours and textures, allowing the development to achieve its appealing projecting header pattern. Ibstock’s Himley Ebony Black was the brick of choice.

The system works with slip-cutting technology that allows the vast majority of stock and wire cut bricks to be mechanically fixed into horizontal rails at flexible heights, making the entire design and installation process simple, from concept to completion. This allows architects and specifiers to use brick to maintain the integrity of their design, whilst the efficiency and versatility of the mechanically fixed system opens up a whole raft of options for integration with modern methods of construction.

Peace of Mind
As well as offering the reassurance provided by a mechanically-fixed design, MechSlip has been rigorously tested to the Centre for Window & Cladding Technology (CWCT) standards, for wind resistance, water tightness and impact resistance. The result is that it eliminates the weather dependency of traditional building methods without compromising on the choice of brick finish.

Furthermore, the system has been tested by the independent organisation Exova Warringtonfire and is classified A1 (non-combustible) to EN13501-1 standards, making it the ideal choice for a modern structure like Burton Borough School’s new sports hall.

“MechSlip is extremely quick and easy to install. We were able to use tried and tested installer services from our existing supply chain, knowing they would do an excellent job, despite it being their first experience of using the system.”

Ben Morris, Senior Design Manager, Kynaston Contracts

“REAL SAFE
“REAL QUICK
“REAL BRICK
100% IBSTOCK
300+ FINISHES
MADE IN THE UK
REAL BRICK
Exclusively designed, manufactured and available in the UK, MechSlip offers architects and specifiers more creative possibilities than ever before. Contact us to find out how MechSlip can transform your next project.

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MechSlip is a pioneering product which will inevitably evolve and change over time. The contents of this brochure express current thinking (OCTOBER 2019) and are correct at the time of going to print. Our sales team will advise you of the processes, procedures and terms and conditions of the sales contract in force at the time of purchase.

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