REAL BRICK WITH THE VERSATILITY OF A MECHANICALLY FIXED CLADDING SYSTEM
Responding to the evolving needs of the construction market, whilst being mindful of the beauty of traditional architecture, MechSlip allows architects and specifiers to use authentic brick with the inspired versatility of a fully mechanically fixed cladding system.

Offering a wider spectrum of design options than purpose-made extruded brick slip, this genuine brick innovation combines a palette of over 300 Ibstock brick finishes with the sheer adaptability and cost efficiency of one of the UK’s most flexible and robust cladding support systems.

We strongly believe in our claim that MechSlip provides a real brick cladding solution that delivers a superior brick finish, without compromise. Thanks to the unique form of MechSlip bricks, architects and specifiers are able to use genuine brick to maintain the integrity of their design, while the efficiency and versatility of the Axial mechanical fixed system opens up a whole raft of options for integration with modern methods of construction.
A lightweight, mechanically fixed cladding system that takes full advantage of the aesthetic appeal and durable nature of real brick, MechSlip delivers cost savings for projects where traditional methods of construction are more difficult to facilitate.

Featuring 28mm thick Ibstock brick slips, and anodised 6063T6 grade aluminium support rails, the MechSlip system is available in an extensive range of colours, textures and brick sizes.

MechSlip delivers all of the advantages associated with rainscreen cladding including reduced installation times and associated costs. The new system delivers a truly stunning real brick finish and guarantees long term durability.

- Lightweight brick cladding system
- Fully mechanically secured brick slips
- Non-combustible system components
- Versatile brick detailing options
- Non-weather dependent installation
MechSlip delivers the aesthetic appeal of real clay brick, but with the financial saving, structural load saving and installation time saving of a lightweight mechanically fixed system. It also exceeds the rigorous testing standards developed by the Centre for Window and Cladding Technology (CWCT).

MechSlip eliminates the weather dependency of traditional building methods without compromising on the choice of brick finish.
All the benefits of MechSlip are delivered through dedicated components, a starter, middle and top rail, all extruded using tough, lightweight 6063T6 grade aluminium and anodised for increased durability, plus natural clay facing and corner brick tiles. Together, these can be fixed seamlessly to Ash & Lacy’s innovative range of AxiAL rainscreen support systems, making the entire design and installation process simple, from concept to completion.

SIMPLE COMPONENTS
OFFER COMPLETE CONTROL

- Simple system components
- Easy install vertical spacers
- Mechanical security
- Precisely engineered brick slips

MECHANICAL SYSTEM COMPONENTS

- Available in 3m lengths.
- Starter
- Brick spacer
- Middle
- Top

BRICK SYSTEM COMPONENTS

- Soldier bricks
- Corner bricks
- Stretcher and Header bricks
Working with MechSlip delivers advantages from day one, starting with a lightweight construction that reduces the demand on foundations and associated construction costs. The system is fully compatible with an extensive range of building substrates too, making it ideal for enhancing concrete, steel frame, masonry and insulated panels. Installation is also fast and simple, providing time and cost saving advantages over traditional brickwork, whilst realising its undeniable aesthetic appeal.

**STEP 1.**
Mechanically fix brackets and vertical support rails to the building substructure at 600mm maximum centres.

**STEP 2.**
Horizontally affix middle rails to the vertical supports at 75mm increments, including a starter and top rail in their respective locations. Use the gauge tool to fix multiple rail courses simultaneously.

**STEP 3.**
Slip MechSlip brick tiles firmly into place between rails, guided by the preformed upper and lower retainers.

**STEP 4.**
Repeat the process for the remaining bricks, ensuring that there is a metal brick spacer installed in the vertical joints between individual bricks.

**STEP 5.**
The brick spacer will automatically create a 10mm wide vertical (perp) joint between bricks, a 10mm horizontal (bed) is created by the upstand of the rail profile.

**STEP 6.**
When installation is complete, simply injection point these joints with Parex Historic mortar to realise the authentic and aesthetic appeal of a classic clay brick finish.
With over 300 real brick colours, textures and finishes to choose from, MechSlip opens up a world of creative opportunities.

To request the full range of Ibstock brick finishes available for the MechSlip system, contact your local Ibstock or Ash & Lacy representative today.
POPULAR BRICKS

Ivanhoe Cream
Bradgate Multi Cream
Leicester Multi Yellow
Cheddar Red
Ivanhoe Cabbage Blend
Ivanhoe Katrina Multi
Cissbury Red Multi
Leicester Autumn Multi
Capital Multi Stack
Weston Red Multi
Arden Weathered Red
Swanage Handmade Light Red
Leicester Weathered Red
Priory Weathered Red

Sizes
65mm
73mm

Types
More than 300 types available

Leicester Weathered Grey Stack
Bradgate Medium Grey
Leicester Grey Stack
Staffordshire Slate Blue Smooth
Himley Ebony Black

FOR FULL AVAILABILITY ➔

www.ibstock.com/brick-selector
GLAZED BRICKS

<table>
<thead>
<tr>
<th>Colour</th>
<th>Sample</th>
</tr>
</thead>
<tbody>
<tr>
<td>Yellow Glazed</td>
<td><img src="yellow-glazed.png" alt="Sample" /></td>
</tr>
<tr>
<td>Blue Glazed</td>
<td><img src="blue-glazed.png" alt="Sample" /></td>
</tr>
<tr>
<td>Green Glazed</td>
<td><img src="green-glazed.png" alt="Sample" /></td>
</tr>
<tr>
<td>Burgundy Glazed</td>
<td><img src="burgundy-glazed.png" alt="Sample" /></td>
</tr>
</tbody>
</table>

Sizes
- 65mm
- 73mm

Types
- Colour can be matched to client’s specifications.

LINEAR BRICKS

<table>
<thead>
<tr>
<th>Colour</th>
<th>Sample</th>
</tr>
</thead>
<tbody>
<tr>
<td>Linear Black</td>
<td><img src="linear-black.png" alt="Sample" /></td>
</tr>
<tr>
<td>Linear Silver Grey</td>
<td><img src="linear-silver-grey.png" alt="Sample" /></td>
</tr>
</tbody>
</table>

Length
- 290mm
- 327mm
- 440mm

Types
- 40 types available

Brick: Green Glazed

Brick: Linear Silver Grey

FOR FULL AVAILABILITY →

www.ibstock.com/brick-selector
The Ibstock Design Advisory Service provides an easily accessible resource to help create design solutions for architects, designers, specifiers and contractors designing and building with our clay cladding products.

Our network of Design Advisors are architectural professionals with experience in practice, and will be delighted to help you create effective and innovative solutions for all types of building projects. Each Design Advisor has access to advanced CAD and BIM technology enabling designs to be viewed in a range of formats, producing a range of options for the designer to consider.

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**SUMMARY OF THIRD PARTY TESTING**

**Introduction**
The MechSlip system was independently tested by Vinci Technology Centre in Bedfordshire, for wind resistance, water tightness and impact resistance. Lucideon tested the weatherability of the system.

**Materials**
Fired clay brick slips supported by anodised aluminium rails affixed to steel

**Test Programme**
The test programme was carried out with results as follows:

- **Wind Resistance - serviceability & safety**
  CWCT testing achieved ±2400 Pascals serviceability, ±3600 Pascals safety. PASS.

- **Water Tightness - dynamic pressure**
  CWCT testing achieved 600 Pascals – PASS.

- **Impact Resistance**
  Soft and hard body impact tests – CWCT testing achieved Class 1 serviceability, negligible risk safety. PASS.

- **Weatherability Tests**
  Hygrothermal testing to ETAG 034. PASS.

- **Freeze/Thaw Resistance**
  Freeze Thaw testing in accordance with ETAG 017. Additional freeze/thaw resistance test is carried out in accordance with the European method DD CEN/TS EN772-22, which involves subjecting a panel of brickwork to repeated freeze/thaw cycles designed to simulate naturally occurring conditions. From the results, the bricks were classified as F2 i.e. suitable for use in conditions of severe exposure, in accordance with BS EN771-1, Specification for Clay Masonry Units.

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**MechSlip TECHNICAL SUPPORT**

**Design and Technical Helpline**

0844 800 4576

**REQUEST YOUR TECHNICAL PACK**

sales@mechslip.co.uk
All MechSlip system components are manufactured in the UK in accordance with ISO9001 and ISO 14001 standards, with bricks sourced from 19 Ibstock Brick factories.

With over 20 office locations Nationwide, we have local representatives available to assist with any technical support, design advice and installation training requirements, wherever your project is based.

Locations
1. Aldridge
2. Ashdown
3. Atlas
4. Belfast
5. Birtley
6. Cattybrook
7. Chailey
8. Chesterton
9. Dorket Head
10. Dublin
11. Ellistown
12. Laybrook
13. Lodge Lane
14. London
15. Nostell
16. Parkhouse
17. Ravenhead
18. Mossend, Lanarkshire
19. South Holmwood
20. Swanage
21. Throckley
22. West Hoathly
23. West Bromwich (HO)
24. Smethwick
25. Surrey
26. Glasgow
27. Devon
28. Port Talbot

FOR FULL DETAILS ➔

MechSlip AVAILABLE NATIONWIDE

UK Manufactured
26 locations nationwide
Network of recommended installers
Nationwide Technical Support
Installation Training

www.ibstockbrick.co.uk/Kevington
TYPICAL TECHNICAL DRAWINGS

WINDOW JAMB

- Stainless steel bracket / wall fix screw (to suit construction)
- Anodised aluminium horizontal rail (Centre)
- Spacer clip
- Anodised aluminium horizontal rail (Centre)
- Stainless steel rail fix screw
- Brick slip

EXTERNAL CORNER DETAIL*

- Stainless steel bracket / rail fix screw
- Anodised aluminium horizontal rail (Centre)
- Moisture membrane barrier (by others)
- Insulation Rockwool Rainscreen Dry Slab (to suit project)
- Substrate composition (to suit project)

*for cavities over 150mm deep
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.
Brick: Green Glazed / Staffordshire Blue