

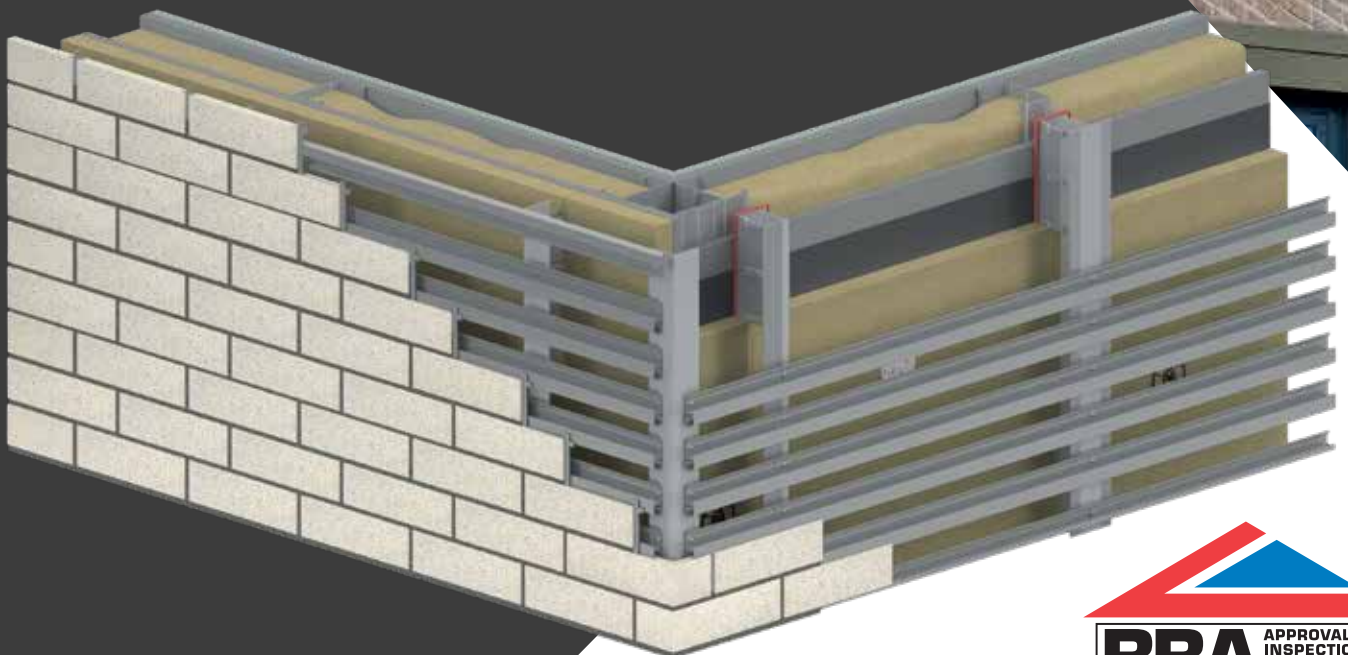
# MFSLIP<sup>®</sup>

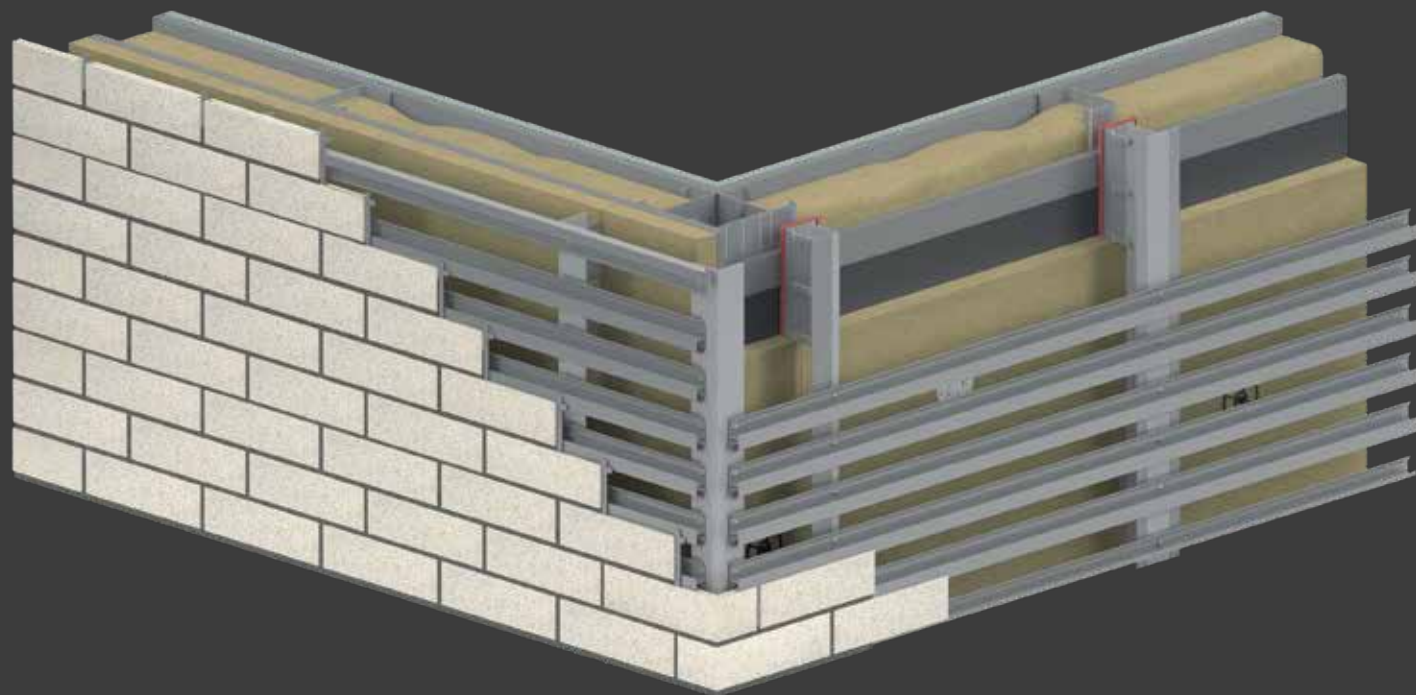
## CMS40

Mechanically Fixed  
Brick Slip Cladding System

### Bricks Reimagined

A1 fire-rated, mechanically fixed brick slip rainscreen cladding system, designed for buildings over 18m. It offers unparalleled design flexibility with a vast selection of brick options.





**MF SLIP seamlessly blends modern efficiency with brick aesthetics, delivering a lightweight, easy-to-install cladding solution. Suitable for any building type, it offers a wide range of design options, ensuring versatility and exceptional performance.**

## MF SLIP - CMS40

### MECHANICALLY FIXED BRICK SLIP CLADDING SYSTEM

Timeless Brick Aesthetic Meets Modern Construction Methods

MF SLIP is a mechanically fixed brick slip system that combines the timeless appeal of traditional brick with the efficiency of modern construction. Designed to meet today's exacting standards, it is lightweight, cost-effective, and easy to install.

With an A1 fire rating and remarkable acoustic and thermal performance, MF SLIP is suitable for all building types.

Its quick installation and low maintenance requirements result in significant cost savings during construction and over the building's lifespan.

The MF SLIP CMS40 Brick Slip Cladding System is highly versatile, capable of being installed on almost any structurally sound building. Ideal for new builds, recladding, and refurbishment projects, it ensures seamless integration and long-lasting quality.

- ✓ Combines stone wool insulation with genuine clay brick slips, for innovative façade solution.
- ✓ Transforms traditional brickwork into a modern, mechanically fixed cladding system, enhancing building efficiency.
- ✓ Engineered for quick and easy installation, providing significant construction time savings and minimal maintenance.
- ✓ Engineered for versatility, it is suitable for all building types, including high-rise structures, ensuring safety, durability, and aesthetic excellence while meeting diverse design requirements.

**Real Brick  
Aesthetic**

**Faster  
Installation**

**Tested &  
Certified**

**Durable &  
Lightweight**

**Risk-Free  
Solution**



## KEY FEATURES



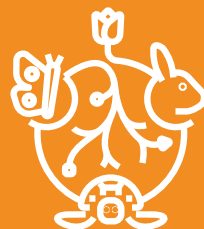
### Natural

Delivers the authentic look and durability of traditional brick in a lightweight form.



### Non-combustible

A1 fire-rated, fully tested, and compliant with UK fire safety regulations.



### Bio-diversity

Preserves nature and promotes life with minimal habitat disruption, contributing to a sustainable future.



### Sustainable

Made from recyclable materials, with purpose-made slips that minimize waste, water usage, and energy consumption.

## BENEFITS

The system is engineered to meet the demands of modern construction, offering an efficient, reliable, and high-performance solution for brick slip cladding. Designed with fire safety, aesthetics, practicality, and durability

- Mechanically Fixed:**  
Brick slips are securely mechanically fixed, ensuring stability, durability, and compliance with high-rise building regulations.
- Rainscreen Cladding:**  
The rainscreen cladding system effectively manages moisture and enhances thermal performance when combined with stone wool insulation.
- Innovative Design:**  
Seamlessly combines the aesthetics of traditional brickwork with modern construction technology.
- A1 Fire Rating:**  
All components, including stone wool insulation, are A1 fire-rated for reaction to fire, ensuring the highest level of safety.
- Thermal Performance:**  
MF Slip delivers exceptional thermal efficiency by integrating Rainclad high-performance stone wool cladding insulation, the Ecopad thermal isolator, and a ventilated cavity system, ensuring superior energy efficiency.
- Low Maintenance:**  
The system's low-maintenance design contributes to long-term cost savings.
- Easy Installation:**  
Designed for fast, straightforward installation, reducing skilled labour needs, time costs, and weather-related delays.
- Cost-Effective:**  
Quick installation and lightweight design minimize structural support requirements and maximize space efficiency leading to significant cost savings.
- Aesthetic Appeal:**  
Offers the classic beauty of real brick through advanced cladding technology.
- Versatile Brick Slip Options:**  
Highly adaptable, compatible with a wide range of brick slips to match various architectural styles.
- Lightweight & Durable:**  
Provides a lightweight alternative to traditional brickwork without compromising durability.

**NESTCLAD**

Bat Conservation Trust



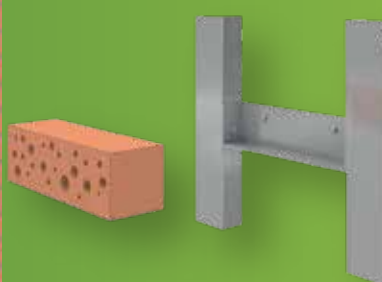
Explore our range of eco-friendly products, including Bee Nest Bricks, Bird and Bat Boxes, thoughtfully designed to integrate seamlessly with our cladding systems.

Join us in our mission to build a greener, more sustainable future.

### Bird Nest



### Bee Nest



### Bat Roost



**RAINCLAD**<sup>®</sup>

High-Performance A1 Non-Combustible Thermal & Acoustic Insulation  
for Rainscreen Cladding Applications.

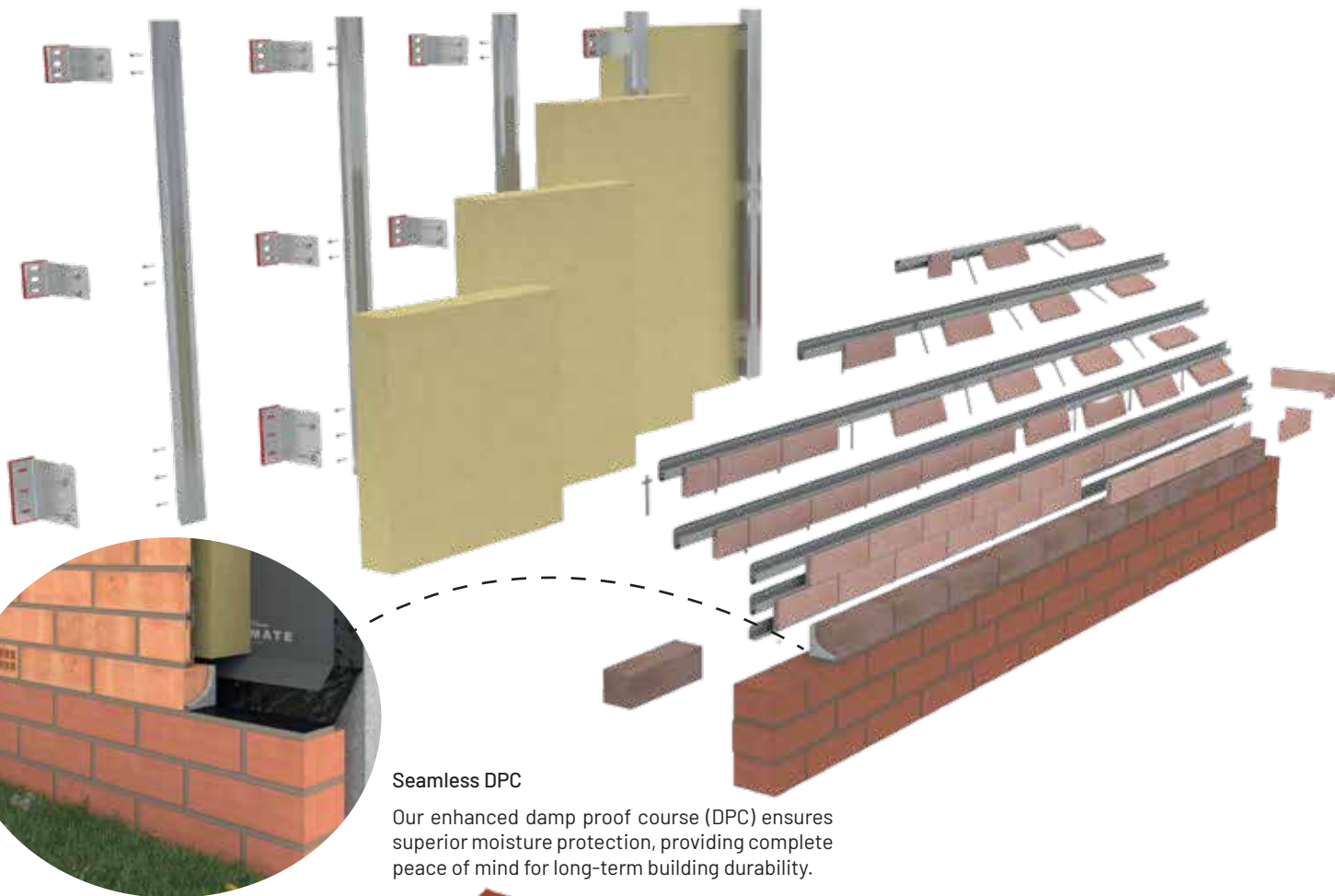
Rainclad is the ultimate solution for all your external wall insulation needs.

For more information, simply scan the QR code provided or visit our website.

[www.terrawool.co.uk](http://www.terrawool.co.uk)



## Seamless DPC



Unlock limitless architectural creativity with CMS40's expansive brick slip range, offering unparalleled design freedom.

## BRICK SLIP SELECTION

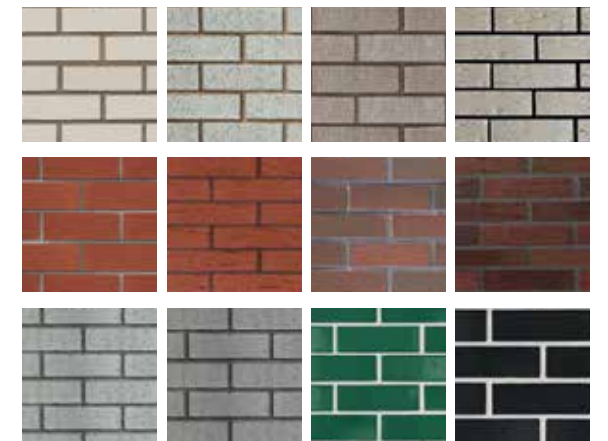
The CMS40 system accommodates a wide variety of brick slips in metric, imperial, and long formats. Bricks are precision-cut to a standard thickness of  $22 \pm 2$  mm, while the system supports slips up to 65 mm thick. Below are just a few examples of the thousands of brick slip options available:

### Terrabrick Brick Range

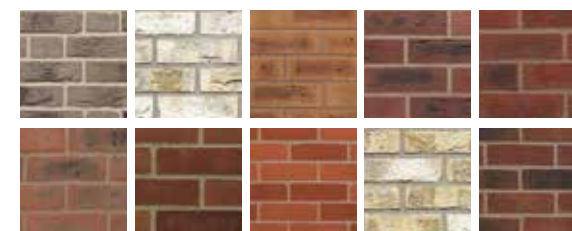
#### Handmade



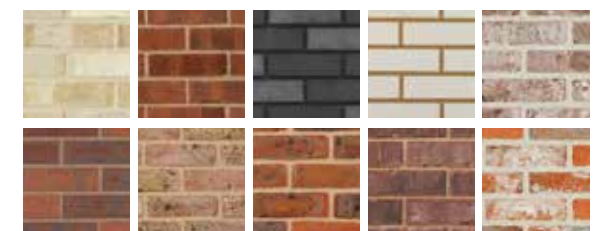
#### Wire Cut



### Wienerberger Brick Range



### Michelmersh Brick Range



Terra Bricks offers sustainable, 100% clay purpose-made brick slips.

Specialising in a diverse range of purpose-made brick slips, Terra Bricks provides solutions for various brick slip systems.

For more options, including brick slips, corner slips, grooved brick slips, and grooved corner slips, please download our brochure.

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info@terrabricks.co.uk

terrabricks\_

www.terrabricks.co.uk

Terra Bricks

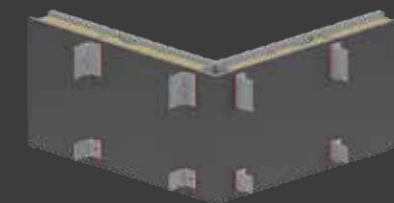
https://www.terrabricks.co.uk



# SYSTEM PROPERTIES

| System Properties                                    | Result                                                               |
|------------------------------------------------------|----------------------------------------------------------------------|
| Fire Performance BR135                               | A1 BS8414-2:2020                                                     |
| System Weight (approx.)                              | 50-55 kg/m²                                                          |
| Hygrothermal Weathering (EAD 090062-00-0404 Annex M) | Pass                                                                 |
| Air Permability EN12153                              | 600 Pa (Pass)                                                        |
| Soft Body Impact Testing CWCT Technical Note 76      | Class 1 (120Nm) / Negligible Risk (350 Nm) / Negligible Risk (500Nm) |
| Hard Body Testing CWCT Technical Note 76             | Class 1 (3Nm) / Class 1 (6Nm) / Class 2 (10Nm)                       |
| Water Tightness (Static) CWCT Test 9                 | Pass (600Pa)                                                         |
| Water Tightness (Hose) CWCT Test 9                   | Pass                                                                 |
| Water Tightness (Dynamic) CWCT Test 9                | Pass                                                                 |
| Wind Resistance (Serviceability) EN12179             | Pass (2400 Pa)                                                       |
| Wind Resistance (Safety) EN12179                     | Pass (3600 Pa)                                                       |
| Design Life                                          | Certified system durability life of more than 60 Years               |

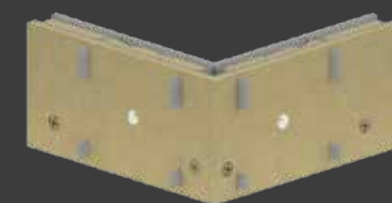
# INSTALLATION PROCESS



01

## Fix Helping Hand Brackets

Secure the Helping Hand Brackets to the substrate\*, ensuring a maximum spacing of 600mm horizontally and 1200mm vertically.



02

## Install External Wall Insulation

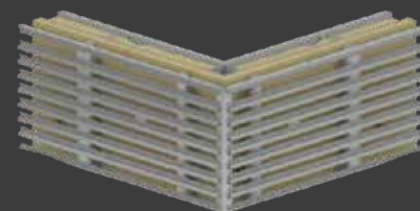
Place the stone wool insulation in a staggered arrangement. Secure it with a central washer and perimeter fixings between adjoining slabs.



03

## Fix T/L Rails

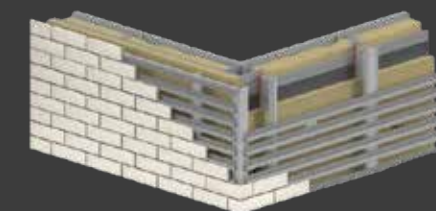
Attach the T/L rails to the Helping Hand Brackets. Use one bracket as a fixed anchor point and slotted brackets for the remaining connections.



04

## Fix Horizontal Support Rails

Secure the horizontal support rails to the T/L rails, ensuring precise alignment with the brick slips and leaving a 10mm gap. Use the gauge tool for streamlined attachment of multiple rail courses.



05

## Insert Brick Slips

Position the brick slips between the rails, using the upper and lower grooves as guides. Maintain a consistent 10mm gap by inserting metal brick spacers.



06

## Apply Mortar

After placing the brick slips, inject the joints with pointing mortar to achieve a traditional clay brick appearance.

\*This system should only be installed on suitable substrates within building structures that have been correctly designed and constructed.

## SYSTEM WARRANTY

Cladmate offers a durability warranty on the MF Slip CMS40 Brick Slip Cladding Support Systems.

Please note that this warranty excludes the supporting substrate. For detailed information on warranty terms and components, please contact Technical Services at [technical@cladmate.co.uk](mailto:technical@cladmate.co.uk) and provide your project details.

Subject to Terms and Conditions.



## SYSTEM MAINTENANCE

### Repairs

In the unlikely event of damaged or broken slips, they can be easily replaced by:

- Carefully removing the mortar pointing around the slip.
- Lifting the slip upwards to release the bottom from the support rail.
- Sliding the slip out base-first.

Damage to horizontal supporting rails may require the removal of a section of slips for remediation. Unbroken slips may be reused if in good condition. able to be reused.

### Maintenance

The MF Slip system requires minimal maintenance.

- Check mortar pointing at 5-year intervals as part of a regular maintenance review.
- For specific guidance on maintenance or any concerns, please refer to Cladmate.

### Health & Safety

Health & Safety guidance is provided for the unloading, storing, and installation of the MF Slip system.

## CERTIFICATIONS & ACCREDITATIONS

- ✓ Classified A1
- ✓ CE Manufacturing Control
- ✓ ISO 9001 & 14001
- ✓ CWCT – Impact and Wind Resistance
- ✓ BBA (British Board of Agrément)



## CPD

### Broaden Your Expertise through RIBA-Accredited Courses

Stay at the forefront of architectural innovation and earn valuable CPD points with our comprehensive, RIBA-approved Continuing Professional Development (CPD) programs.

Designed for architects and construction professionals, our CPD sessions provide in-depth knowledge on the MF Slip system's innovative design, sustainability practices, and application versatility. Engage with our experts to enhance your understanding of modern cladding solutions and elevate your project designs.



To enroll our RIBA approved CPD's please scan the QR code below.



## Engineered Support Systems for Every Cladding Application!

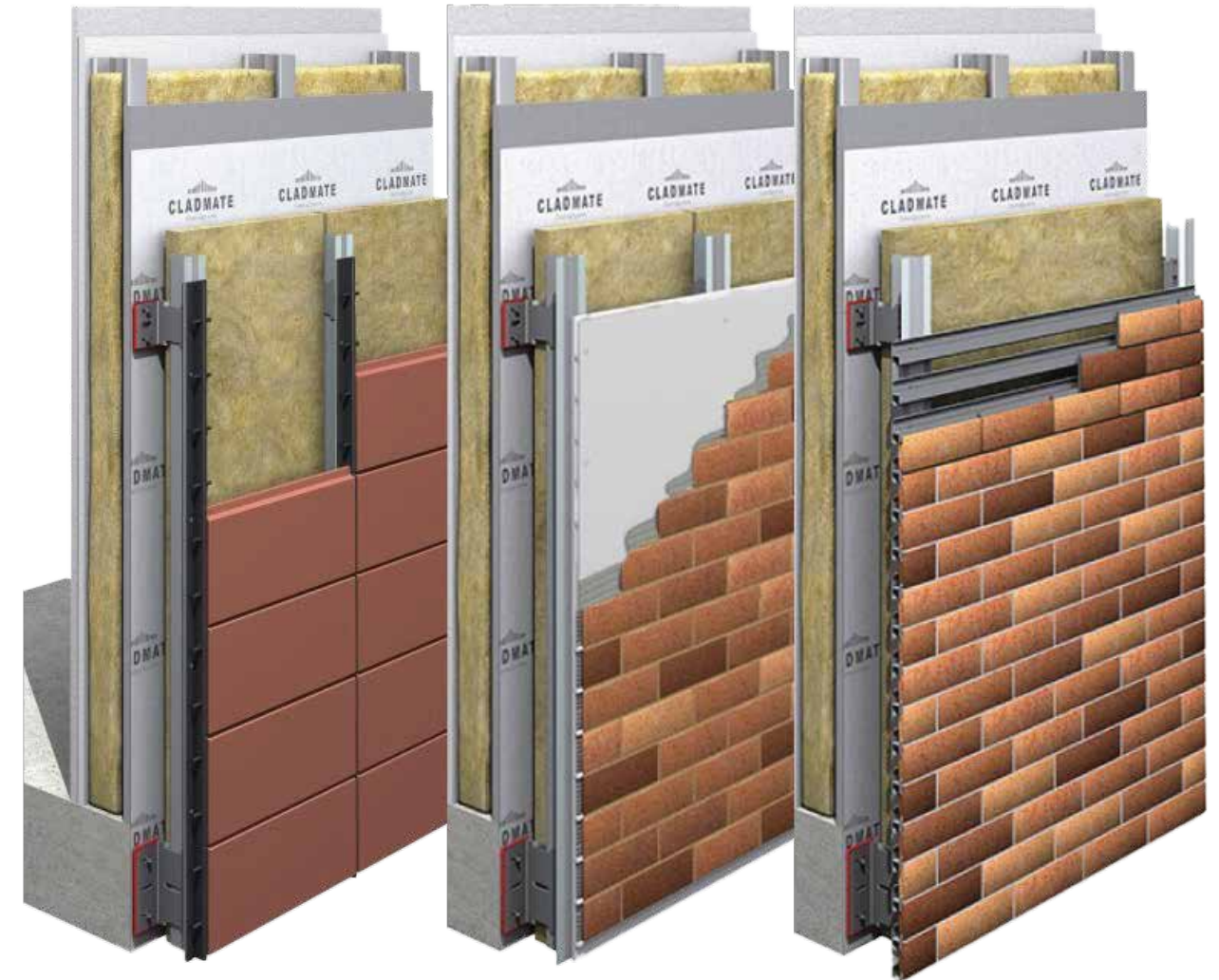


Face Fix Cladding  
Support System

Multi Clips Cladding  
Support System

Secret Fix Cladding  
Support System

## Advanced Facade Solutions Tailored to Your Needs



Terracotta Cladding  
Support System

Bonding Brick Slip Cladding  
Support System

MF Slip Brick Cladding  
Support System

Explore our extensive range of facade solutions and make us your trusted partner in delivering exceptional results.  
Together, we can bring your visions to life.

For more information about our unique cladding systems simply scan the QR code or visit our website at [www.cladmater.co.uk](http://www.cladmater.co.uk).





# RAINCLAD<sup>®</sup>

Where the Power of Natural Stone Meets Comfort

High-performance, A1 non-combustible thermal and acoustic insulation designed specifically for rainscreen cladding applications.



# A1





# CLADMATE

Facade Systems



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London, SE11 6DF



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