

Take Your Brickwork Design to the Next Level



REAL BRICK

CLADDING

RAINSCREEN SYSTEMS





ABOUT US



Saw Swee Hock Student Centre - London



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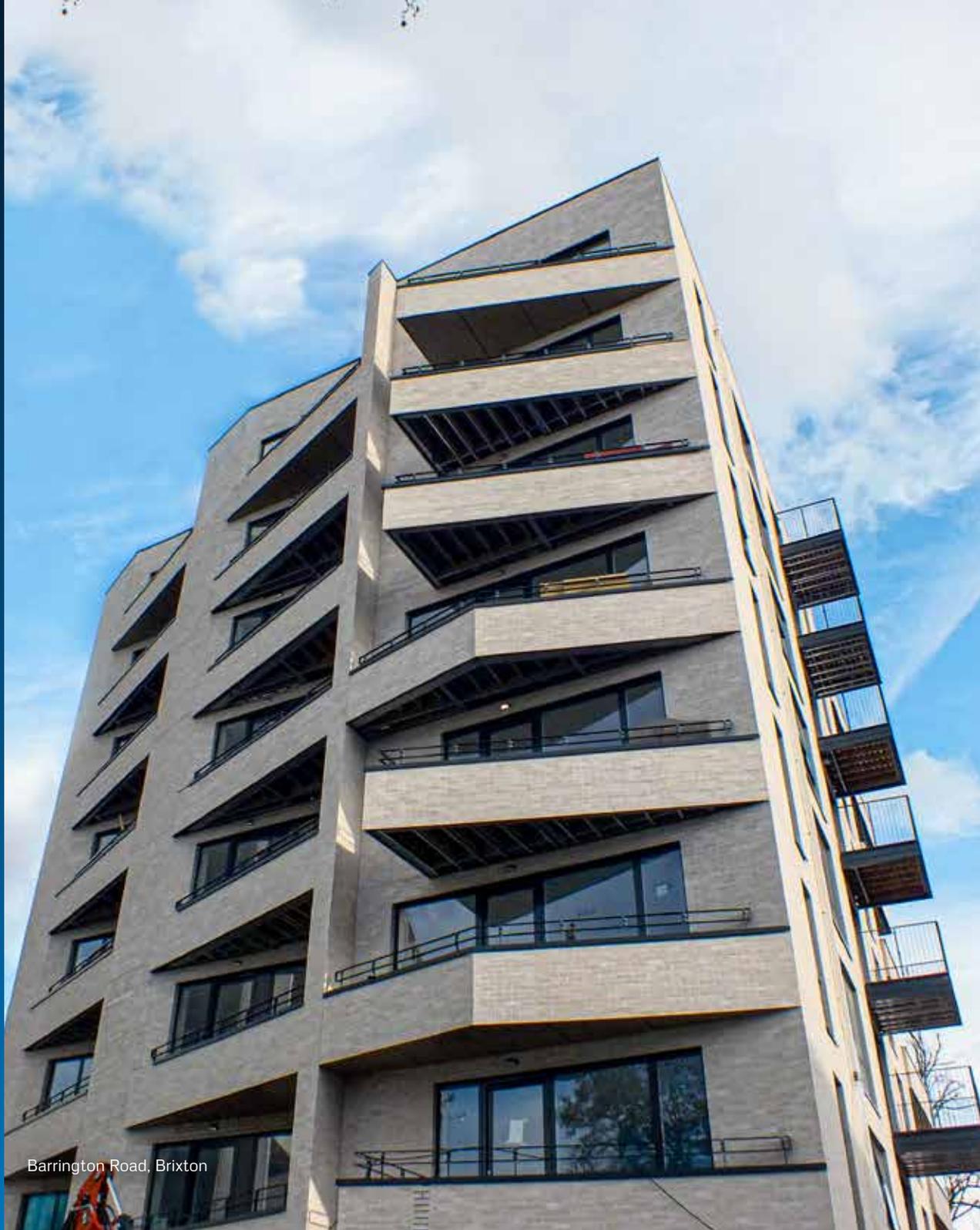
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Advanced Construction Systems Limited is Registered in England.
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ABOUT US

 www.fastclad.co.uk



Barrington Road, Brixton



Advanced Construction Systems Ltd (ACS), is a leading manufacturer of innovative building products which have been developed in response to the increasing demands for modern methods of construction.

Specialists in brick cutting and fabrication, the company manufactures the FastClad Brick Slip Systems alongside masonry and fabrication operations.

Our professional team will work with you to identify the optimum solution for your project, be it architectural brick features, brick faced balconies, soffits or cladding for a whole building envelope.

Our FastClad products come in two options, FastClad for low rise applications and FastClad A2 for unrestricted use over 18m, including residential, hospitals, student accommodation and care homes.

Fully BBA Certified for your confidence and with a 20 year pedigree, FastClad is the first choice for brick cladding systems





WHAT WE CAN DO



Offsite and MMC



Building Envelope Offsite



Penthouses



Balcony Cladding



Brick Soffits



Architectural Features

FastClad

FastClad A2 offers a solution for full envelope brick cladding to residential units, care homes, hospitals, student accommodation and dormitories over 18m.

Lightweight factory fitted real brick facades for offsite volumetric or panelised modern methods of construction.

Real brick soffits with the confidence of BBA Certification and an experienced team of engineers.

The ability to reduce loads in cantilevered situations such as balconies gives designers the freedom to incorporate brickwork without heavy engineering.

Adding floors to existing buildings is a highly economic solution to adding value and floorspace without compromising the buildings aesthetic.

Forming complicated and non structural brickwork features without the need of skilled labour.



WHY CHOOSE US

www.fastclad.co.uk



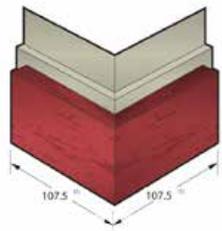
Kitchener Barracks, Chatham

FastClad

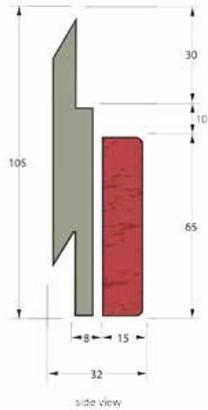
- ✔ FastClad can be used with virtually any brick
- ✔ Most brick bond patterns can be replicated
- ✔ Utilises real brick so blends seamlessly with traditional brickwork
- ✔ Special brick features such as lintels are easily incorporated
- ✔ BBA certified as a non structural rainscreen cladding
- ✔ Slips are adhered in a factory quality controlled environment
- ✔ FastClad has been assessed to have a minimum 50 year service life
- ✔ Excellent wind, fire, hard and soft body impact properties



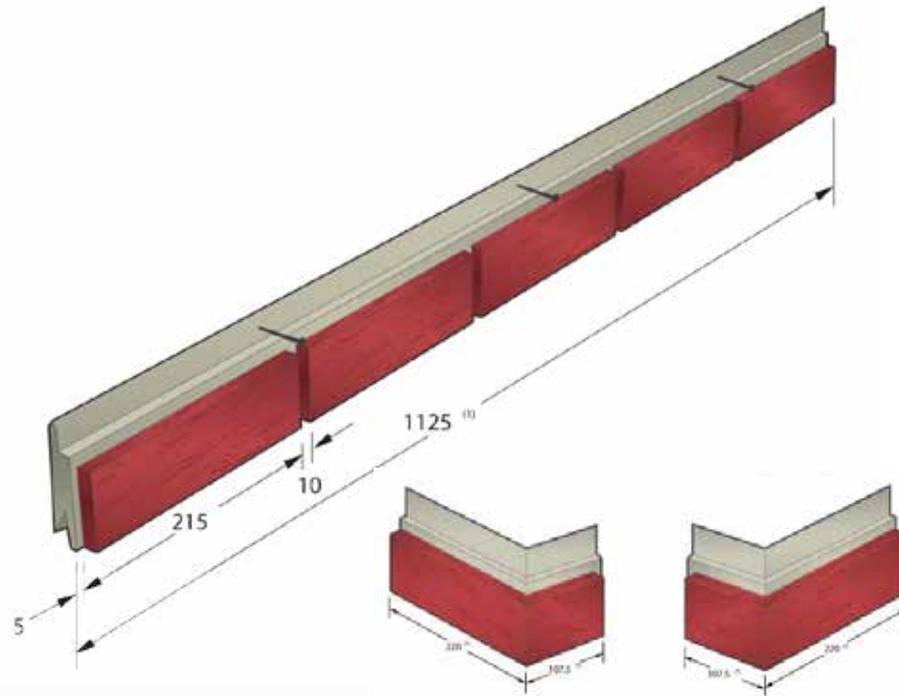
WHY CHOOSE US



Header Return



End Elevation



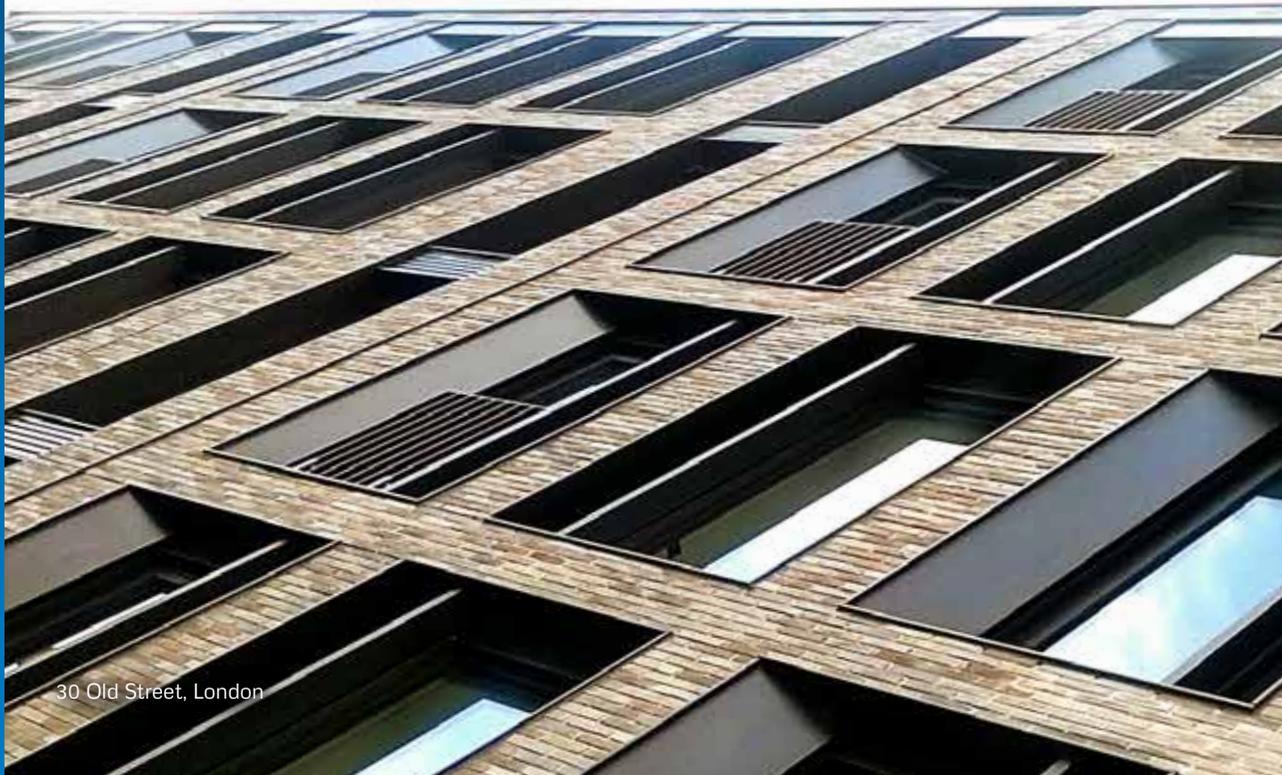
Standard Unit

Right Hand Stretcher Return

Left Hand Stretcher Return



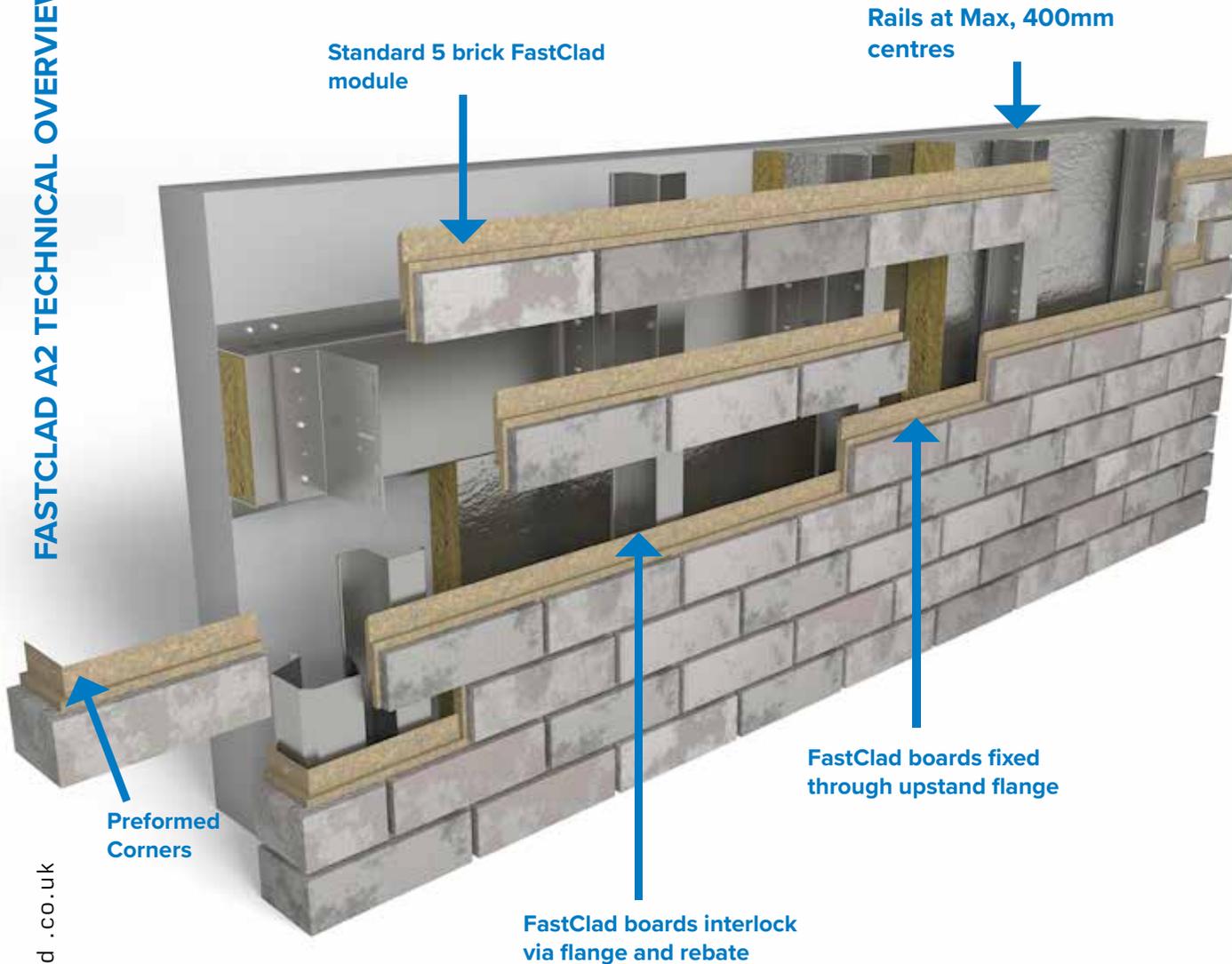
- ✔ FastClad is available in A2 or B Reaction to Fire ratings.
- ✔ A range of standard components are available for most applications.
- ✔ The patented section of the backing board can be machined to accept various brick heights.
- ✔ The mortar joint size and depth can be varied.
- ✔ Special angles can be achieved by either utilising handmade special bricks or cut and bonded fabrications.
- ✔ A range of lime mortars are available.
- ✔ Slip thicknesses can be varied to create texture.
- ✔ Various face sizes, formats and bonds can be accommodated.



30 Old Street, London



FASTCLAD A2 TECHNICAL OVERVIEW

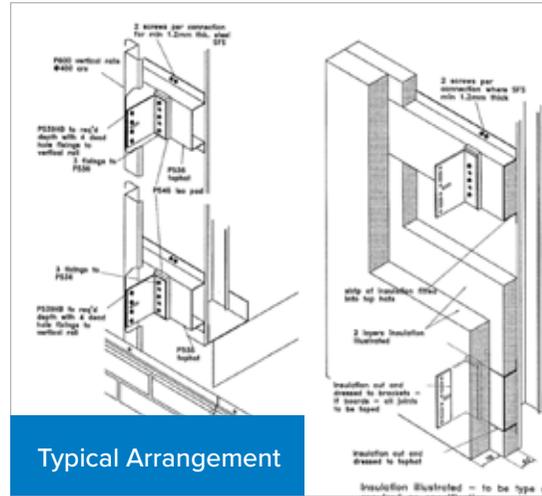


FastClad A2

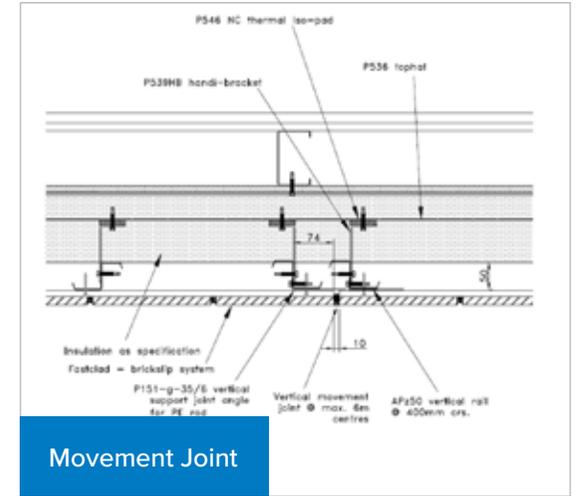
- ✔ FastClad A2 is classified A2- s1, d0 for Reaction to Fire.
- ✔ Meets Building regulations for use over 18m.
- ✔ Hard and Soft Body Impact suitable for public areas.
- ✔ Installed on steel support structures.
- ✔ Suitable for use up to 42m anywhere in the UK.
- ✔ Overall Thickness nominally 32mm
- ✔ Installed system weight typically 53kg/m² pointed.
- ✔ FastClad A2 has been assessed to have a minimum 50 year service life.
- ✔ Thermal Conductivity 0.19W/mK



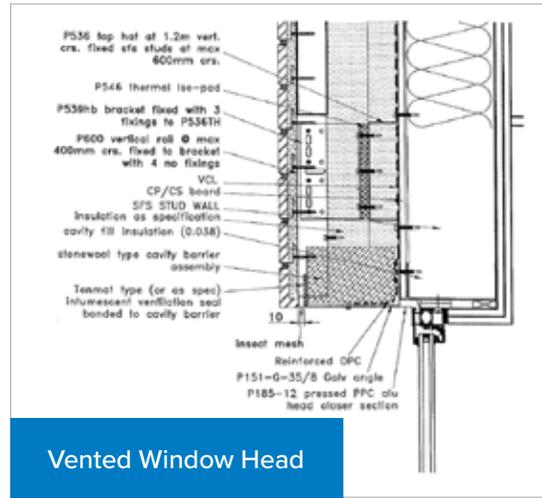
Project Light, Heron Quays, London



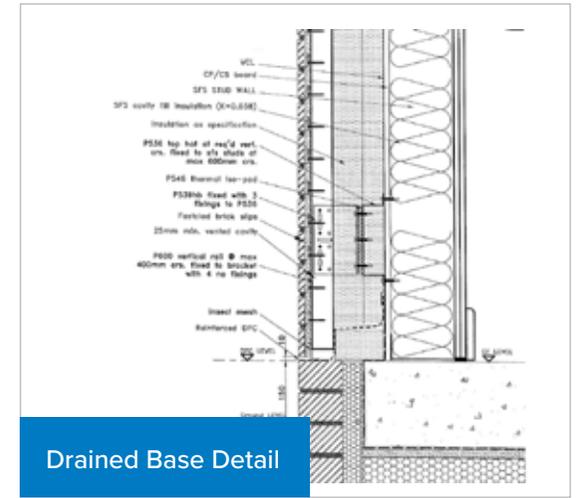
Typical Arrangement



Movement Joint



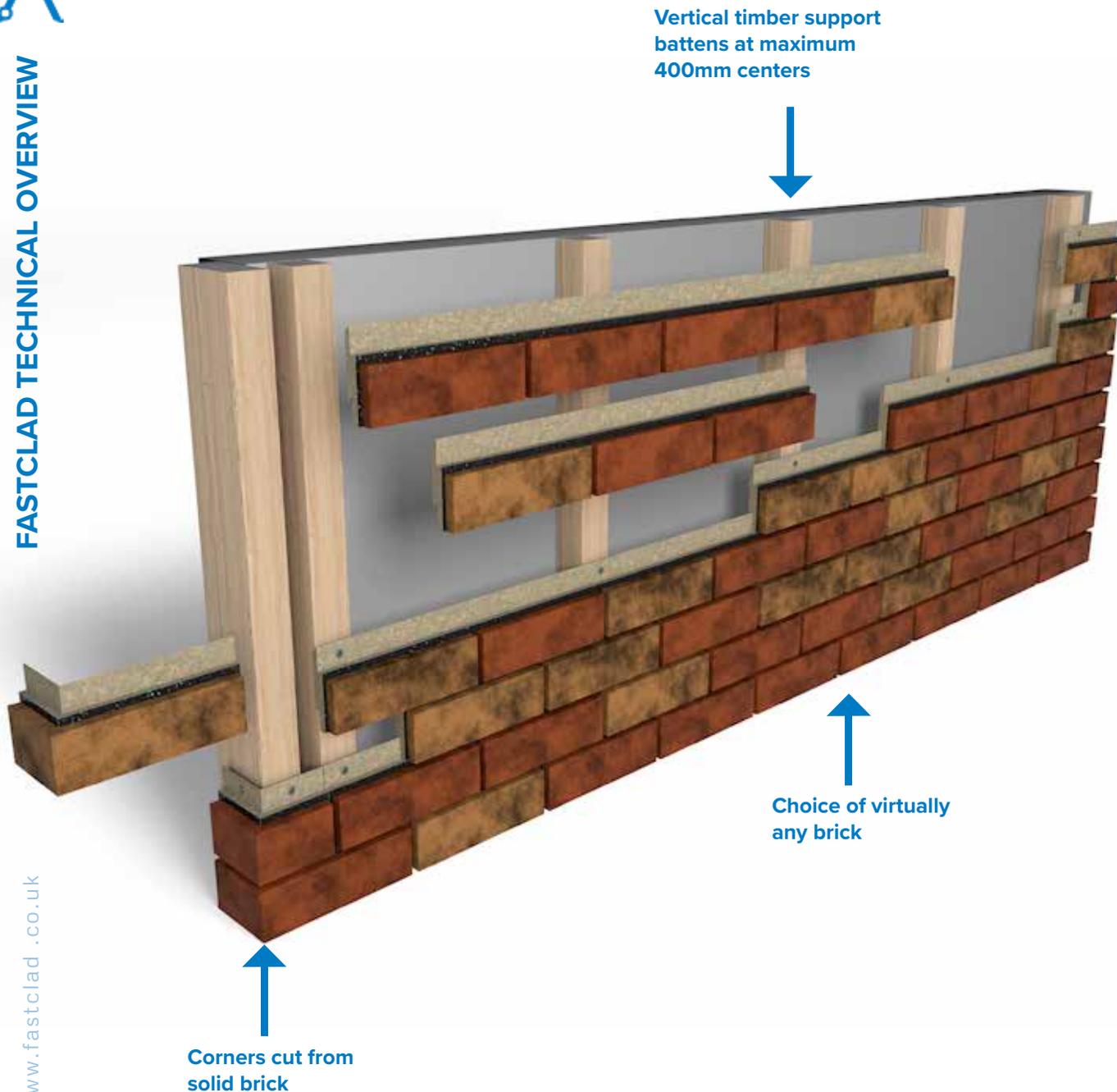
Vented Window Head



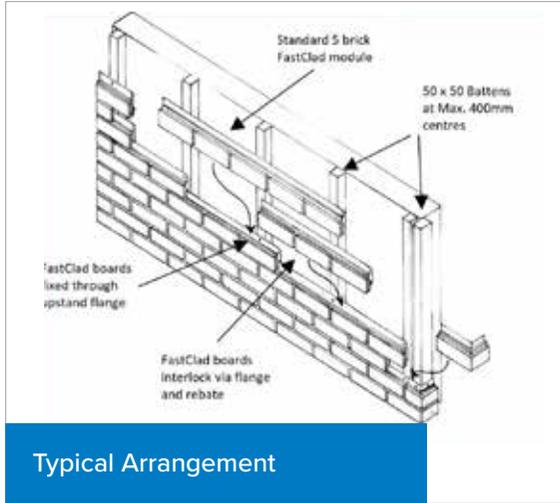
Drained Base Detail

FastClad A2

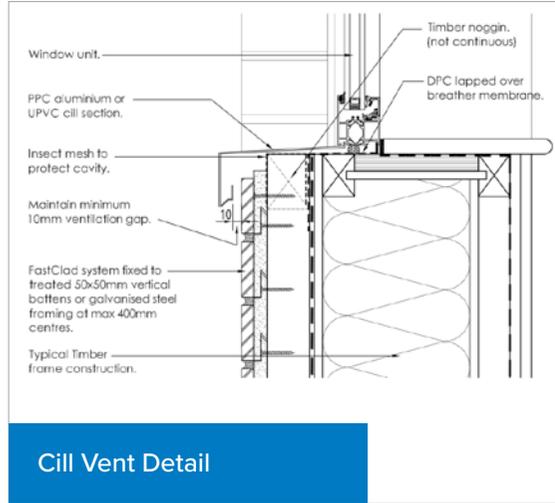
Please speak to our Project Engineers to discuss your requirements. ☎ 0116 272 5133 ✉ info@fastclad.co.uk 🌐 www.fastclad.co.uk



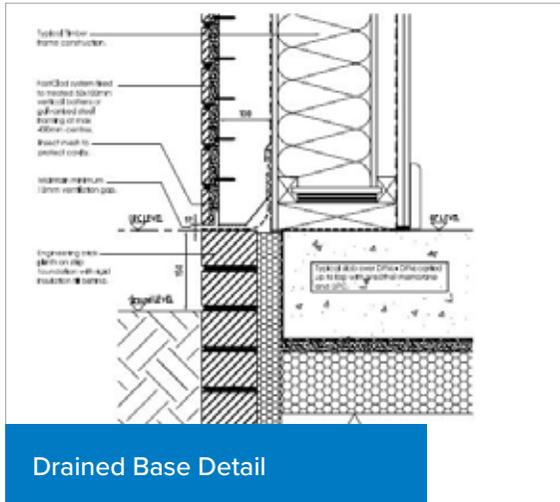
- ✔ Standard FastClad is classified B- s1, d0 for Reaction to Fire.
- ✔ Use is restricted to below 18m on certain projects.
- ✔ Hard and Soft Body Impact suitable for public areas.
- ✔ Installed on timber or steel support structures.
- ✔ Overall Thickness generally 32mm.
- ✔ Installed system weight typically 53kg/ m² pointed.
- ✔ FastClad B has been assessed to have a minimum 50 year service life.
- ✔ Thermal Conductivity 0.26w/mk



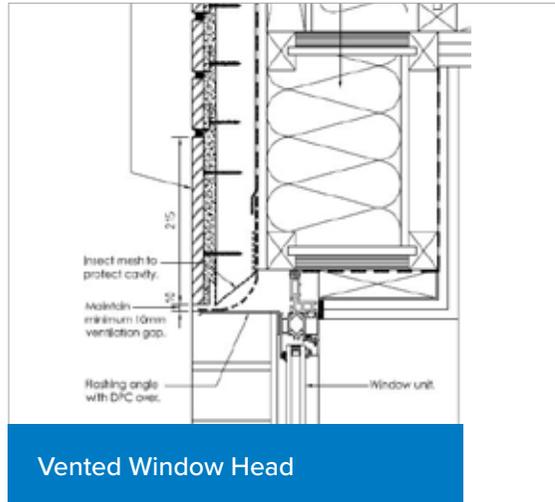
Typical Arrangement



Cill Vent Detail



Drained Base Detail



Vented Window Head





Hillside Gardens Lambeth

Pre-fenestrated panels were erected on site, timber battens applied and the FastClad fixed and pointed.

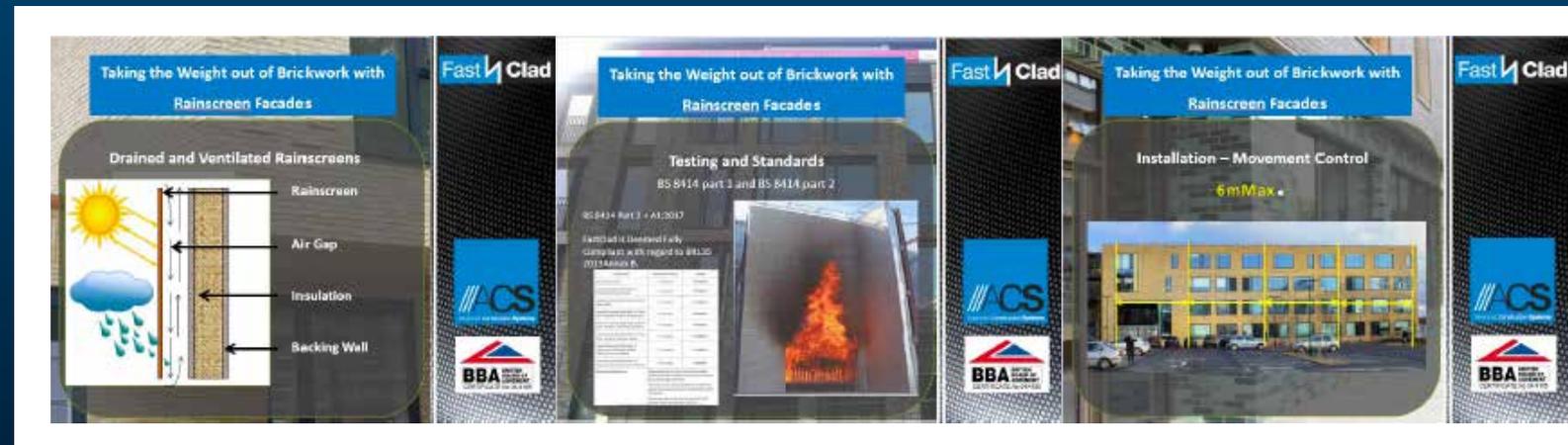
Fastclad utilised a Freshfield Lane brick to meet the local aesthetic and ensure a 'real' brick finish to this social housing project.



FastClad

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Our Technical Talk "Taking the Weight out of Brickwork" is available as a CPD Presentation