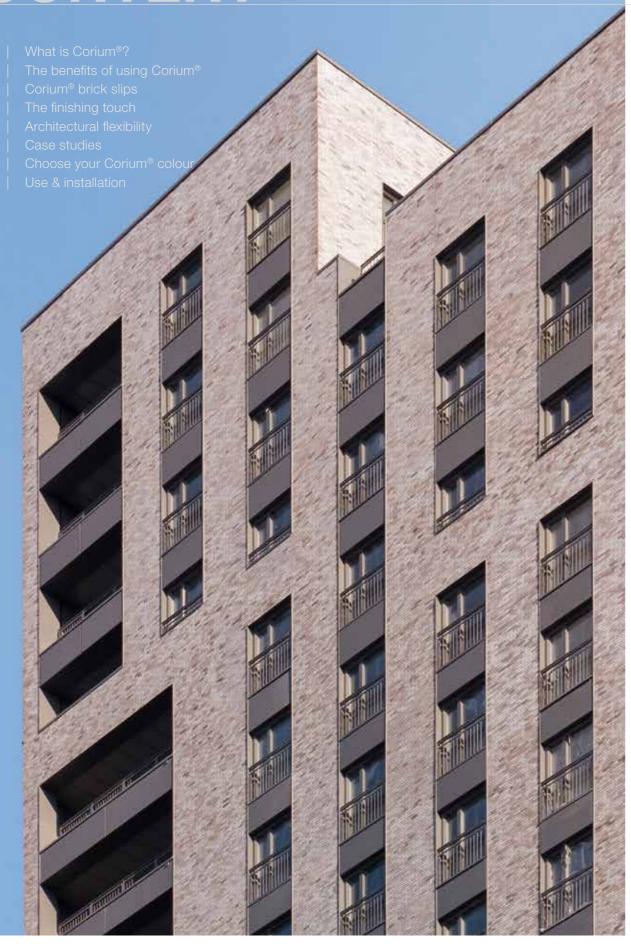




CONTENT



WHAT IS CORIUM®?

Corium® is a unique brick slip cladding system that combines the natural beauty of genuine brick with cost-effective fast-track installation.

The Corium® system consists of clay brick slips, specially designed to clip mechanically into interlocking steel backing sections. These profiled sections are mounted horizontally, vertically or diagonally, and are suitable for use on steel framed substrate walls, concrete, masonry and timber frame of both new and existing buildings. The mechanical 'clipping' feature is unique to Corium® and ensures a high strength façade. An innovative and versatile solution, Corium® brings exciting brick colour and texture combinations to the construction industry. Fully industry tested and approved, you can be assured of a strong, quality finish to your building project that will last many years.



THE BENEFITS OF USING CORIUM®

Robust and durable

Used with a Magnelis® steel or Grade 304 stainless steel backing section, and frost resistant brick slips, the system has an anticipated design life of 35 years in most applications.

Corium® is very suited for high rise projects.

The system's durability and design life will depend on the location, height and the intended use of the building, and the immediate environmental conditions. Provided regular maintenance is carried out, the system will have a design life of more than 35 years in normal UK conditions (as described in the Certificate BBA 19/5693 and in accordance with the Certificate holder's instructions). For use in very severe exposure zones, the steel backing rail must be made of stainless steel grade 316 to obtain a design life of more than 35 years.

Incombustable

Corium® is A1 fire rated (incombustable).

Fast and simple

Building with **Corium®** can be considerably faster than with traditional brickwork, as it is quick and easy to install.

The installation is not weather dependent.

Versatile and aesthetic

With a variety of colours and textures available, **Corium®** is designed to blend with or complement most new build or refurbishment projects.

Thanks to the various available sizes and specials, **Corium®** enables bespoke bonding patterns without compromising performance or build time.

Corium® may be mounted at an angle to achieve a more dynamic finish. It can also be used overhead to create soffits and ceilings. Mosaic and decorative patterns are easily achieved, adding an extra dimension to any project.

Cost effective

Corium® is suitable for use with a wide range of sub-structures, including concrete, timber-frame, structural steel, lightweight steel frames, masonry and structurally insulated panels. Due to the lightweight nature of the system, Corium®-clad buildings may also benefit from simpler, lower cost foundations.

Industry tested and certified

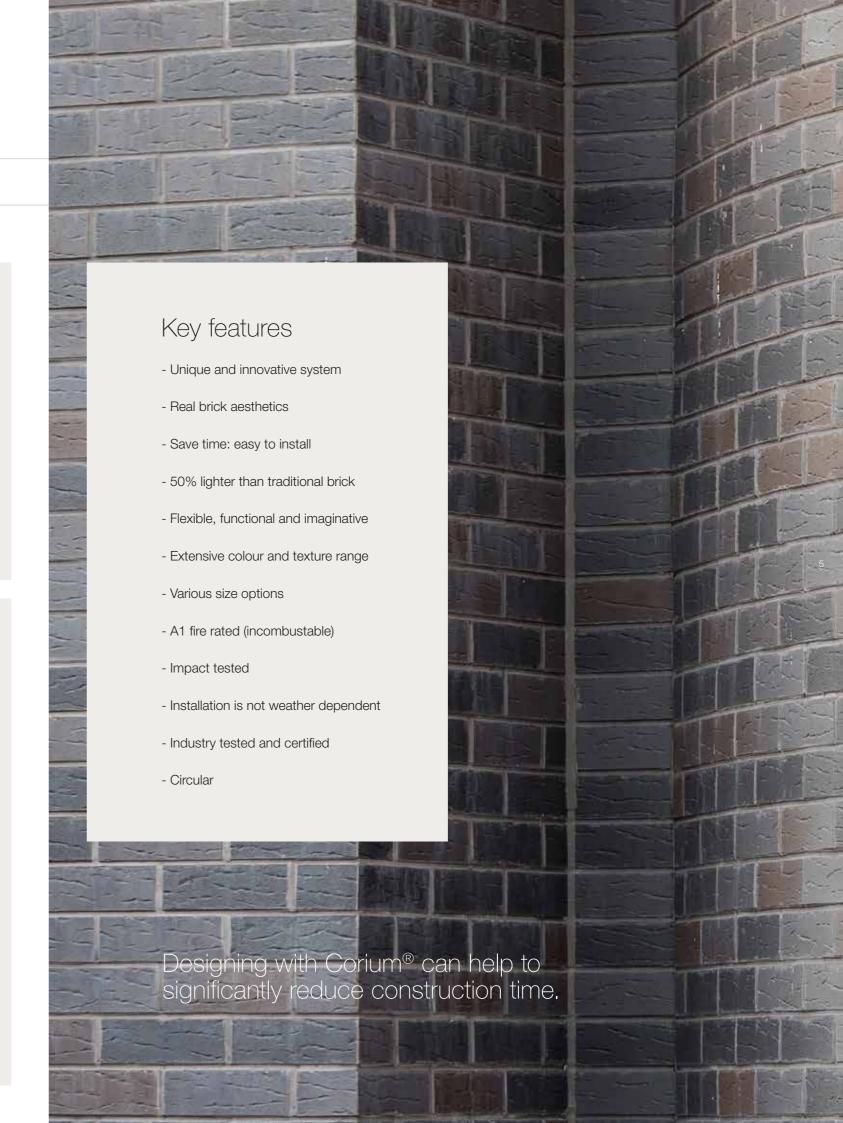
Corium® is BBA and ETA approved and certified and industry tested.



Agrément Certificate 19/5693



ETA-22/0015 of 28/02/2022



CORIUM® BRICK SLIPS

Offering authentic brick aesthetics with an unrivalled choice of colours, textures, standard and bespoke sizes, and even premade corners, Corium® redefines what's possible in cladding. Thanks to its versatility, it can be installed on a range of substructures.

Size Options

Height: 50, 65, 140, 215 mm

Length: 215 mm - other lengths available up to 327 mm

Thickness: 32 mm



50 mm height brick slip



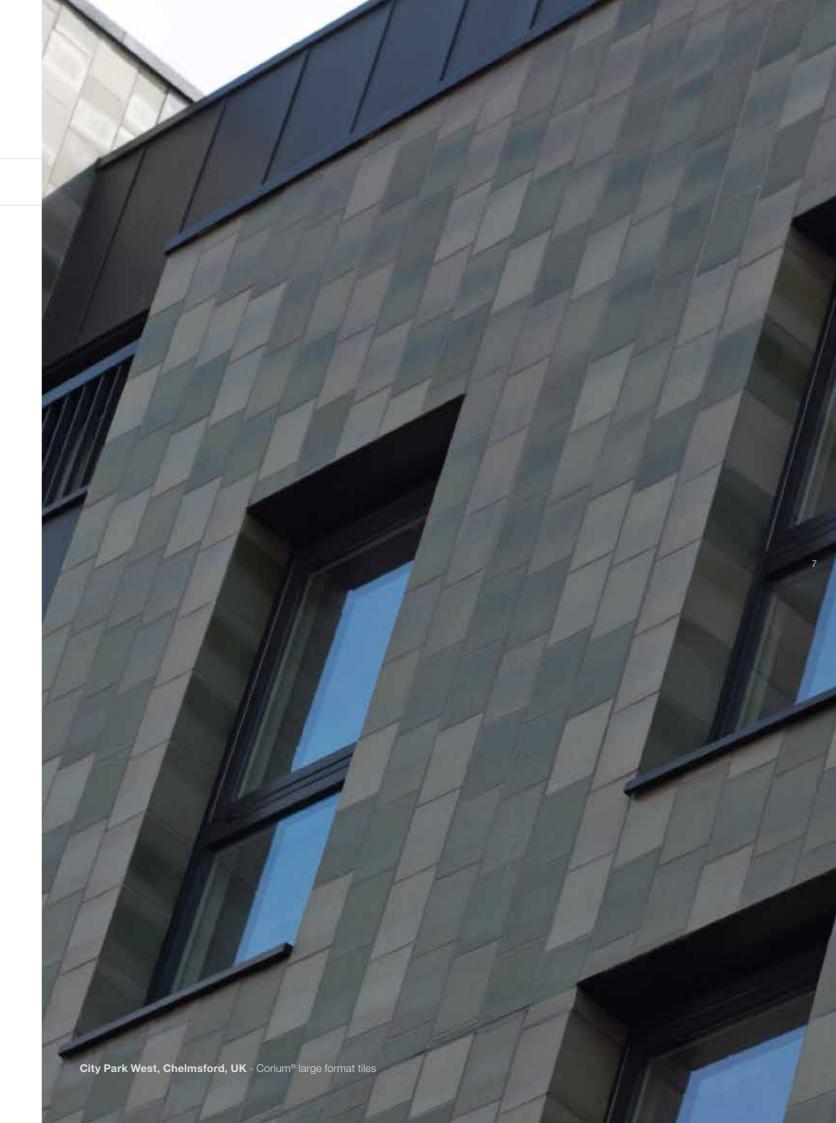
65 mm height brick slip



140 mm height brick slip



215 mm height brick slip



THE FINISHING TOUCH

Special brick slips

The system is designed with flexibility in mind, so corners are no obstacle. A one piece pistol slip is available. Special brick slips are only available in 50 mm and 65 mm height.



CM.1 One piece external pistol slip (left-handed or right-handed)



CM.2 One piece stop end brick slip (left-handed or right-handed)

CM.4 Air brick slip



CM.5 Soffit return brick slip



CM.3 Soldier brick slip



Projecting Brick slips

There are 3 different sizes:
Length 215 mm
Projection 47 mm (50 mm high brick slip)
Projection 52 & 82 mm (65 mm high brick slip)

47 mm - 15 mm projecting brick slip (50 mm height)



52 mm - 20 mm projecting brick slip (65 mm height)



82 mm - 50 mm projecting brick slip (65 mm height)



CORIUM® ARCHITECTURAL FLEXIBILITY

Corium® is a flexible, functional and imaginative brick slip cladding system with design potential that goes beyond the traditional look of brickwork and enables you to create truly unique projects.

Realising new frontiers of architectural possibilities means unleashing the design flexibility of Corium® across the building envelope or in statement sections.

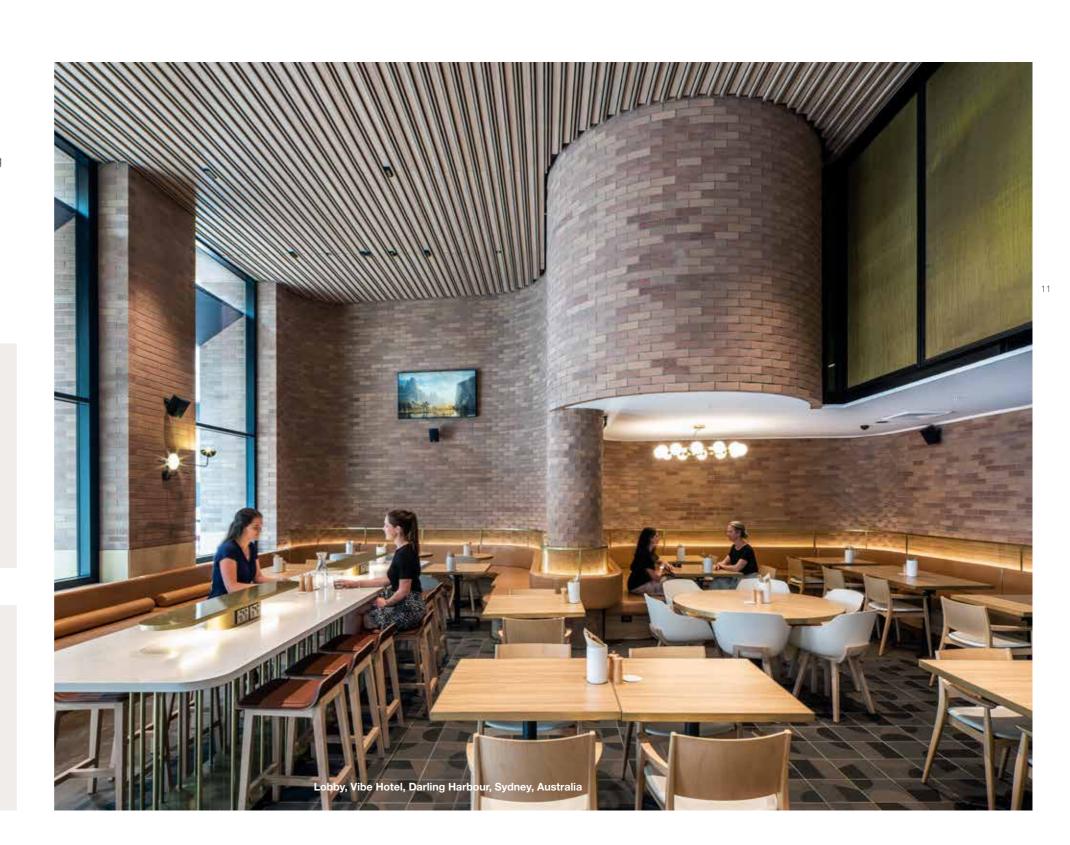
The façades of the future require versatility of design, efficiency of installation, and true architectural freedom. Corium® is here to meet this challenge – it redefines your possibilities.

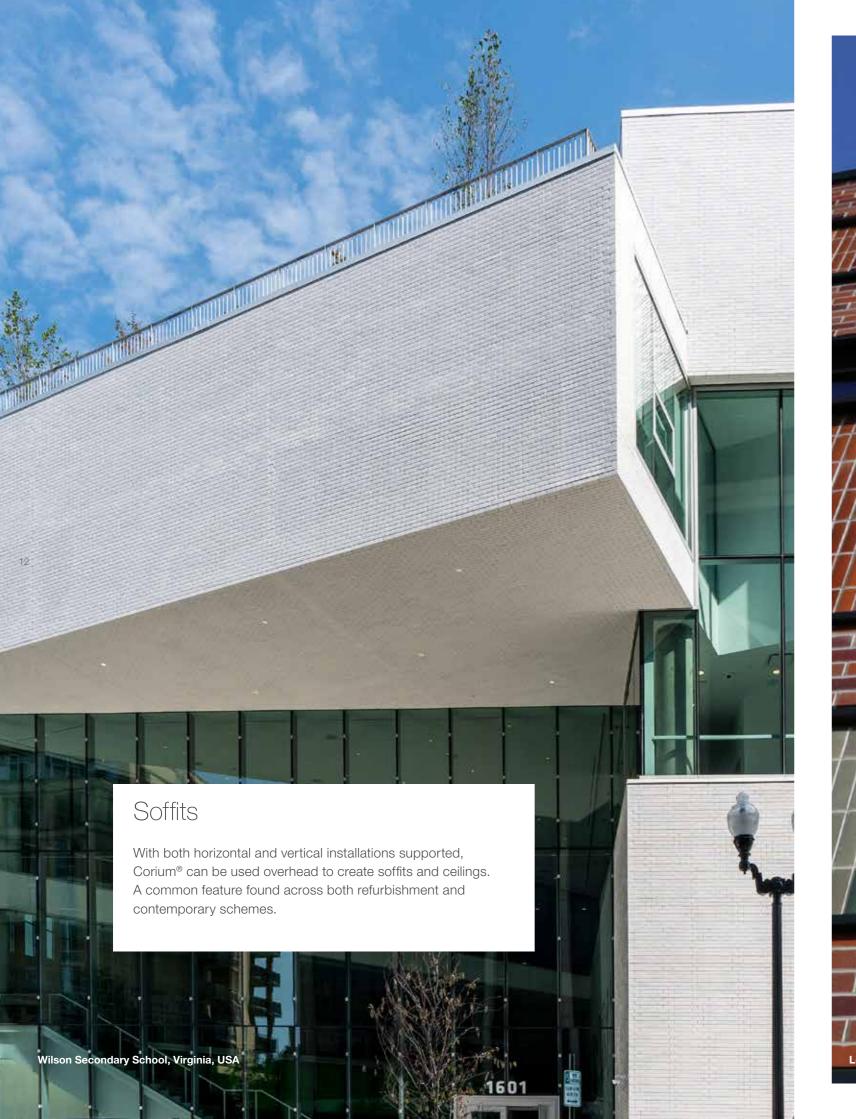
Curves, horizontal & vertical fitting

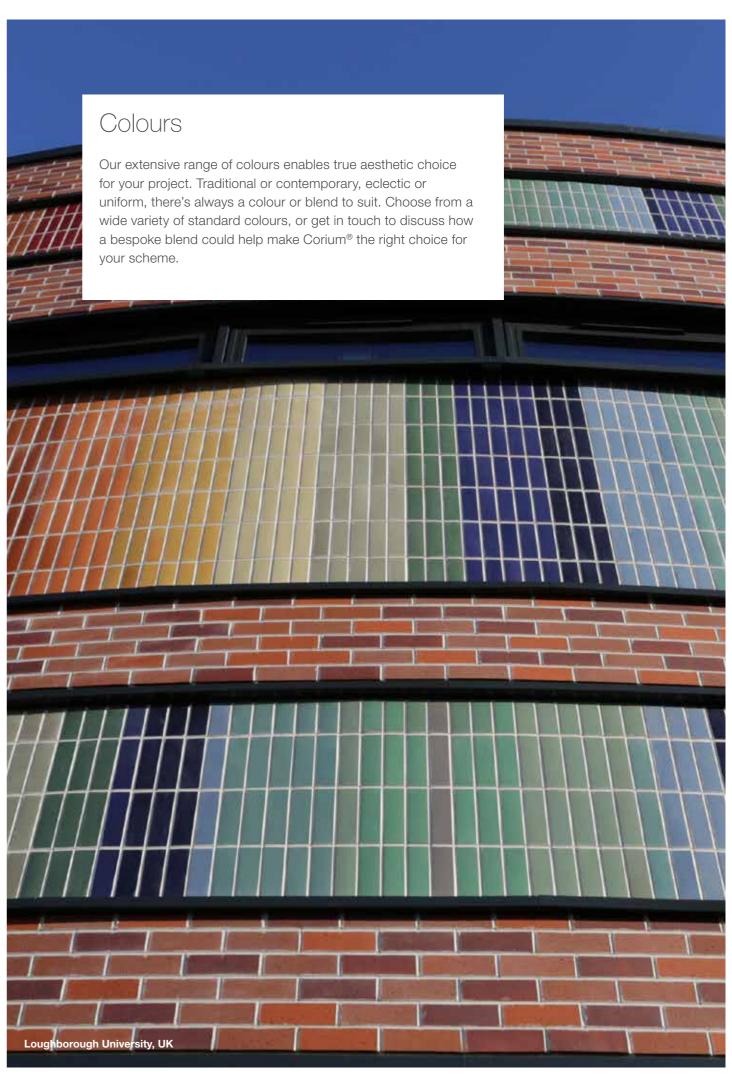
The system can be installed horizontally, vertically, or even at an angle, with no impact on performance, safety or durability. It unlocks a wider range of aesthetic options as any brick bond pattern can be used. Even arches and curves can be achieved using Corium®. Curves with a radius over 2m can be realised easily, smaller radii can be achieved by cutting rails into shorter sections or installing the system vertically.

Off-site assembly

If projects require it, Corium® can be assembled off-site, allowing for finished sections to be installed as a pre-fabricated solution to be pointed on site. That method not only ensures quality controlled factory conditions during fabrication, but it allows for rapid construction without delays due to weather, reducing waste and on-site construction time.

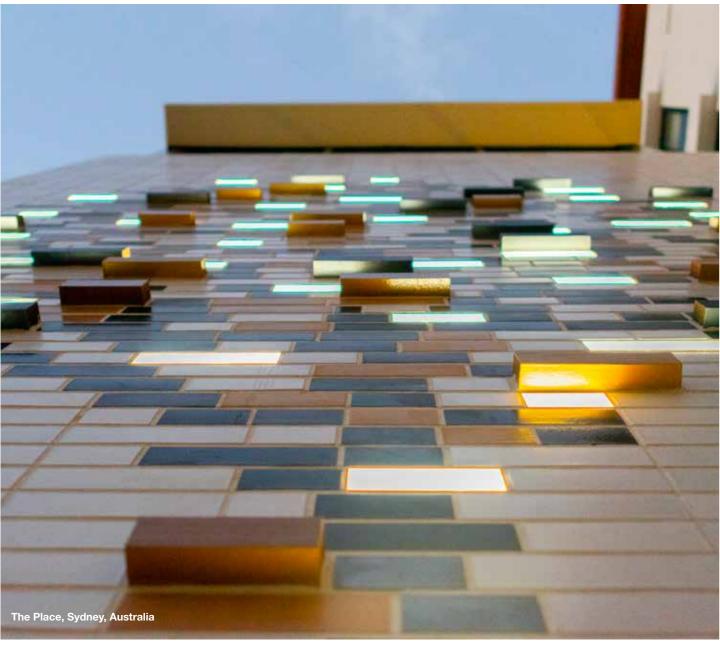


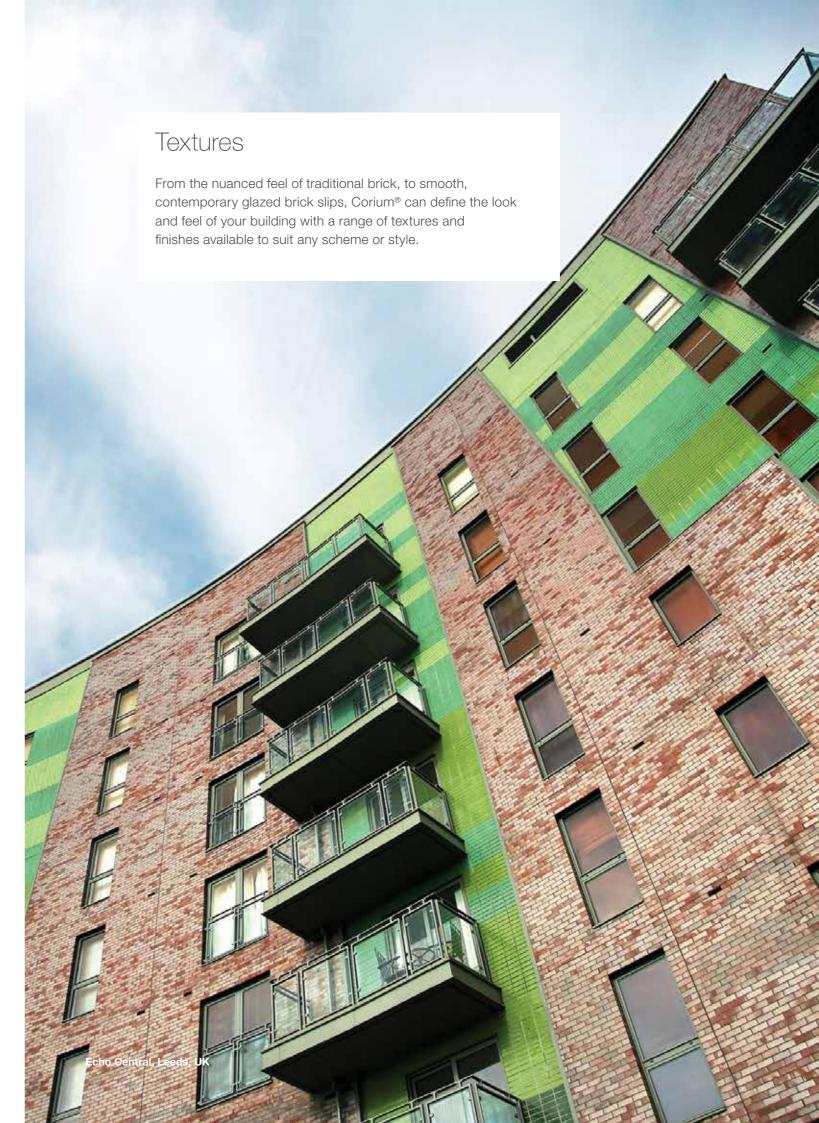






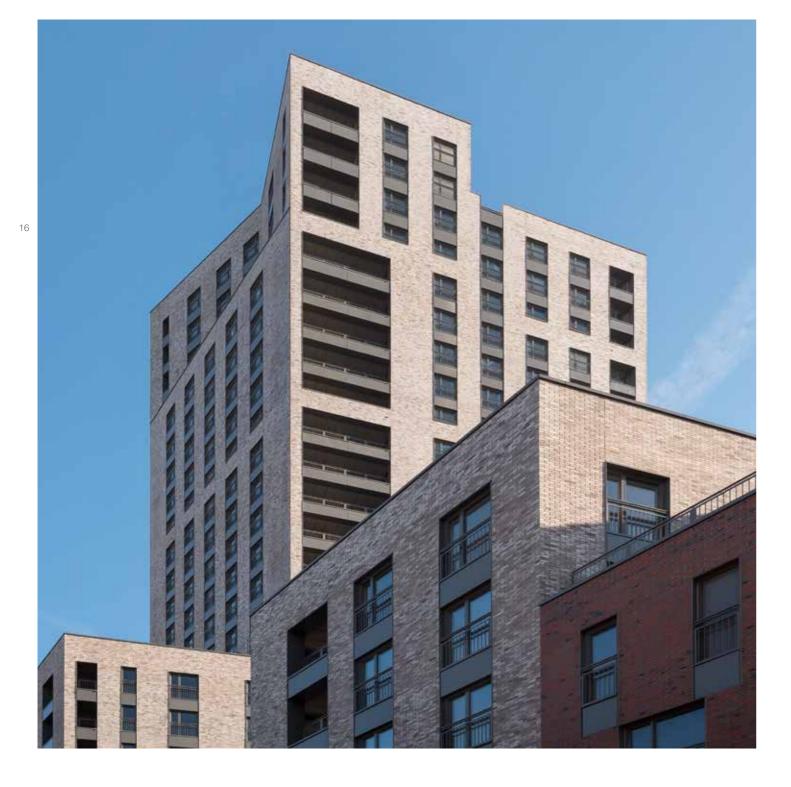


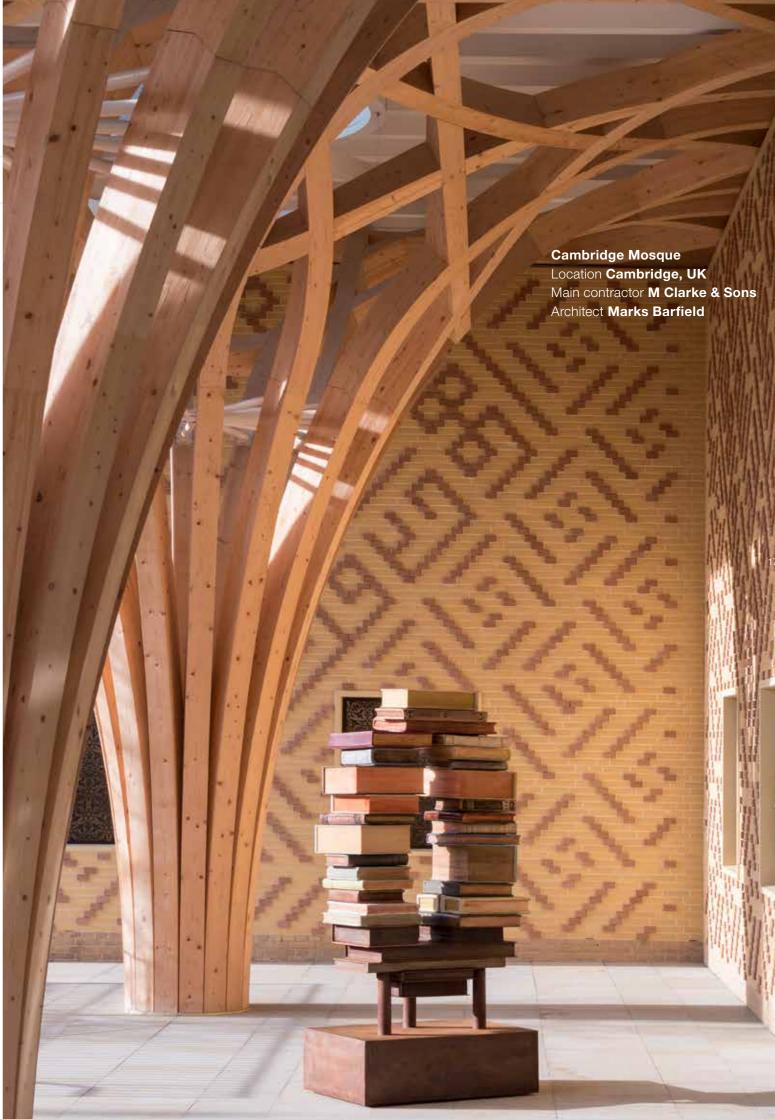


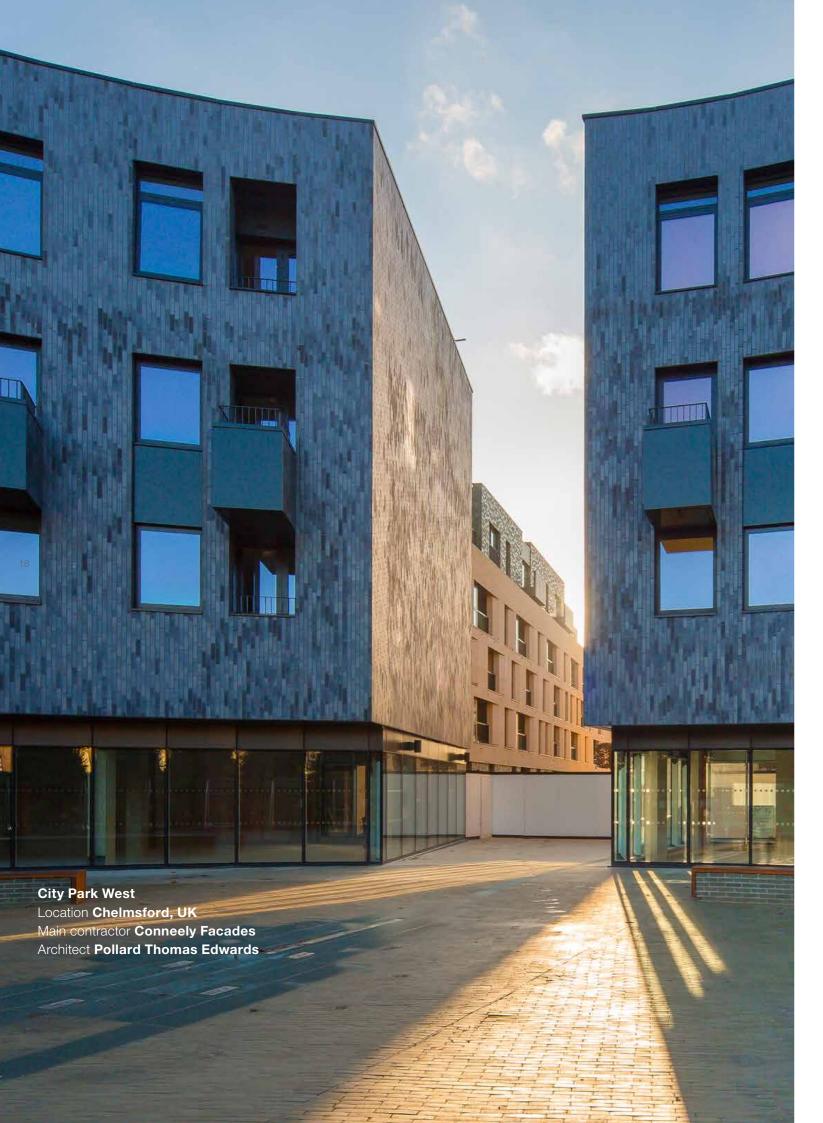


CORIUM® CASE STUDIES

South Thames College
Location London, UK
Main contractor United Living
Architect Boon Brown

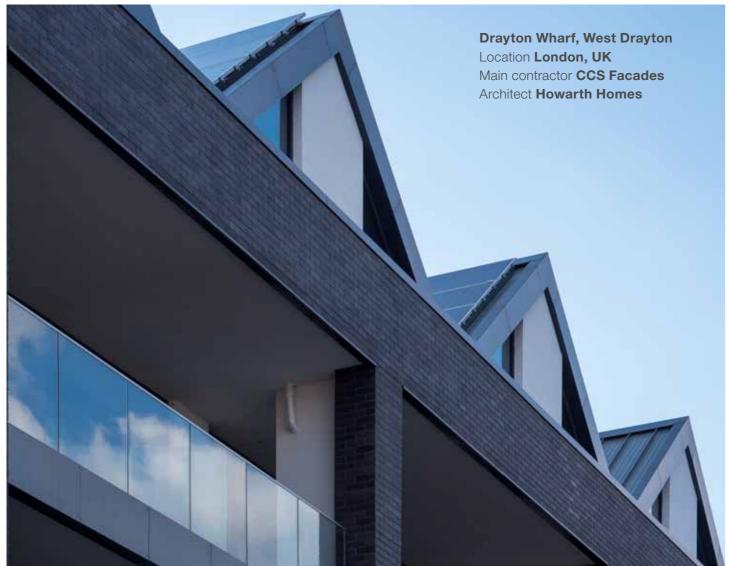




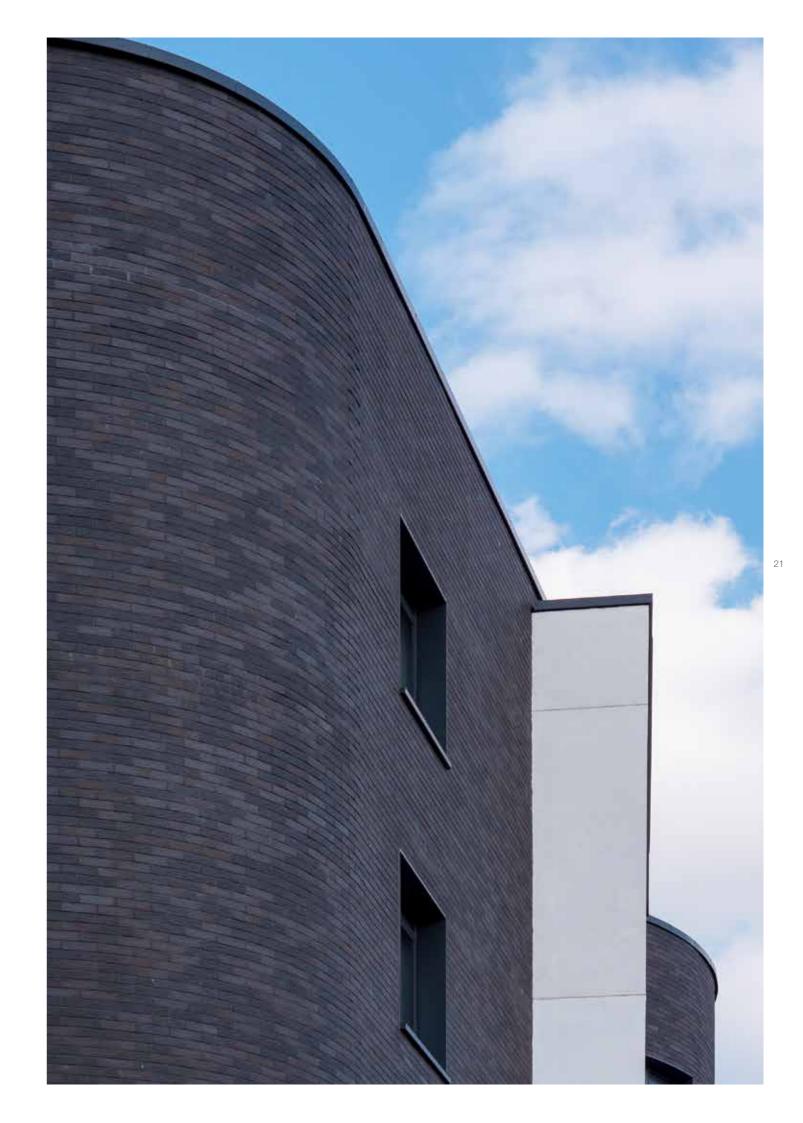














Cambridge Street Location Manchester, UK Main contractor **Astley Facades**

Architect Hodder & Partners



CHOOSE YOUR CORIUM® COLOUR



73310



Standard



Grey Smooth

Ink Black Smooth 93800



Linen Buff 31000





25

Slate Grey Smooth



63000

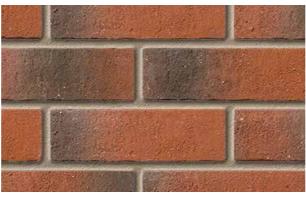




Plain Cream 10100



Sunset Red 74134



Twilight Grey 92100



Grey Multi 60003



Stoney Grey 60074





Winters Morning 36007

White Smooth 31100

Beachy Head

Burnt Oak

Speckled Sanded

Golden Sanded Multi

71115

Autumn Red **Cheshire Blend** 74110 74117 Speckled Buff 74430 Red Brick Multi 74010

Dorsett Buff Multi

Speckled Sand Multi 71117



Blue Glazed

41013

41004



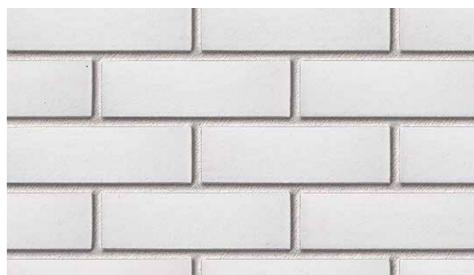
Ferm Green Glazed

41002





Sage Green



31

Dover White Glazed 86000

USE & INSTALLATION

Easy to use, simple to install.

Corium® is installed by installers who can fix the system from mobile platforms, scissor lifts, mast climbers or traditional scaffolding.

Suitability

Corium® is suitable for use with a wide variety of sub-structures including concrete, timber-frame, structural steel, lightweight steel frames and masonry, and structurally insulated panels.

Installation

On a suitable structure, with vertical support, the Corium® installer fixes the support rails, clips in the brick slips and finishes the joints with specified pointing mortar.



Strength

The steel backing sections are profiled to suit the brickwork coursing height, mounted horizontally (or vertically, or diagonally) and then fixed to the supporting subframe. The steel sections are designed to interlock.



Simplicity

Once all brick slips are installed and the quality approved, specified pointing mortar is applied, which suits the characteristics of the brick slips. Different colours can be applied.



Speed

Corium® brick slips are simply clipped into place. The clipping process ensures that consistent horizontal joints are achieved, whilst vertical joint spacing can be adjusted to suit design requirements.

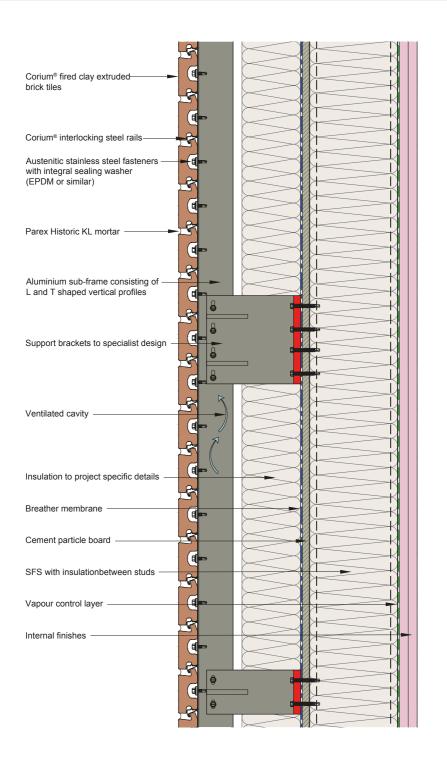
Design and technical support

Wienerberger offers comprehensive technical support, including PDF typical details.

The Corium® team offers detailed technical, product and design advice on the use of the system and its applications.

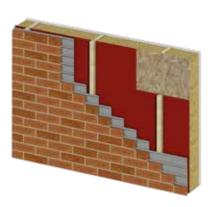
35

USE & INSTALLATION

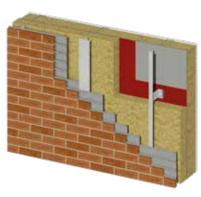


Typical SFS wall build-up for standard 65 mm Corium® brick slips

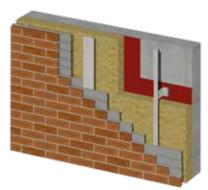
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Timber frame



Concrete



Lightweight steel frame system - Horizontal



frame system - Vertical



Wienerberger