

CORIUM DISCLAIMER

The designs and/or information in respect of the Corium brick cladding system (the "Corium Information") are provided to you for general information purposes only and to demonstrate an example use of the Corium brick cladding system.

The Corium Information is subject to change without notice and whilst it has been prepared with reasonable precaution and in good faith, no representation, warranty, assurance or undertaking (express or implied) is or will be made, and no responsibility or liability is or will be accepted, by Wienerberger in relation to the adequacy, accuracy, reasonableness or completeness of the Corium Information or the use (or incorrect use) of the Corium Information. All and any such responsibility and liability (whether in contract, tort (including negligence), misrepresentation, under any statute or otherwise) is expressly excluded.

Use of and reliance on the Corium Information is at your own risk. Wienerberger is not responsible for any reliance or actions taken based on the Corium Information.

Nothing contained in the Corium Information should be relied upon as a guarantee of the performance of or otherwise the viability of the Corium brick cladding system. Wienerberger is not responsible for any designs or projects which incorporate the Corium Information or the Corium brick cladding system, which should be carried out by an appropriately qualified and professional architect or structural engineer. All design and installation in respect of the Corium brick cladding system should be carried out in accordance with applicable law, British and European Standards, Codes of Practice, Building Regulations and ancillary component manufacturers' guidance. All warranties, conditions and other terms implied by law, including the implied conditions of satisfactory quality and fitness for purpose in relation to the Corium brick cladding system, are excluded.

Nothing in the Corium Information is intended to constitute an offer or invitation. The provision of the Corium Information to you is subject to contract and shall in no way create any contractual relationship with Wienerberger.

Wienerberger owes no duty of care and excludes all liability in respect of the Corium Information, provided that nothing in this disclaimer shall exclude or limit Wienerberger's liability for death or personal injury caused by its negligence, fraud or fraudulent misrepresentation.

DRAWING NUMBER	REV	DRAWING TITLE	SCALE
WBR-CM-CONC-65-P01	-	Typical Wall Build Up (Plan Section)	1:5 @ A4
WBR-CM-CONC-65-P02	-	External Corner	1:5 @ A4
WBR-CM-CONC-65-P03	-	Internal Corner	1:5 @ A4
WBR-CM-CONC-65-P04	-	Window Jamb with Reveal Trim	1:5 @ A4
WBR-CM-CONC-65-P05	-	Window Jamb with Brick Reveal	1:5 @ A4
WBR-CM-CONC-65-P06	-	Vertical Movement Joint Detail - Corium System	1:2 @ A4
WBR-CM-CONC-65-P07	-	Vertical Movement Joint Detail - Structural	1:2 @ A4

rev: date: comment(s): name: check:

				
title: Title Sheet Corium Plan Details				
drg No: WBR-CM-CONC-001				
drawn: MF	check: DF	date: 19/01/22	scale: 1:5 @ A4	rev: -
				
Wienerberger Ltd Wienerberger House, Brooks Drive, Cheadle Royal Business Park, Cheadle, Cheshire, SK8 3SA T: +44 (0) 161 491 8200 E: design.uk@wienerberger.com				

In order to achieve adequate ventilation a minimum 15mm continuous cavity between the back of the Corium interlocking rails and the face of the insulation is required. It is important that the cavity is not interrupted and that air entry and exit points are provided at the top and the bottom of the facade as well as every facade aperture to ensure sufficient air circulation.

Sika Parex Historic KL mortar to be flush or slightly bucket-handled. Pointing and mortar mixing must only be carried out by approved Corium installers.

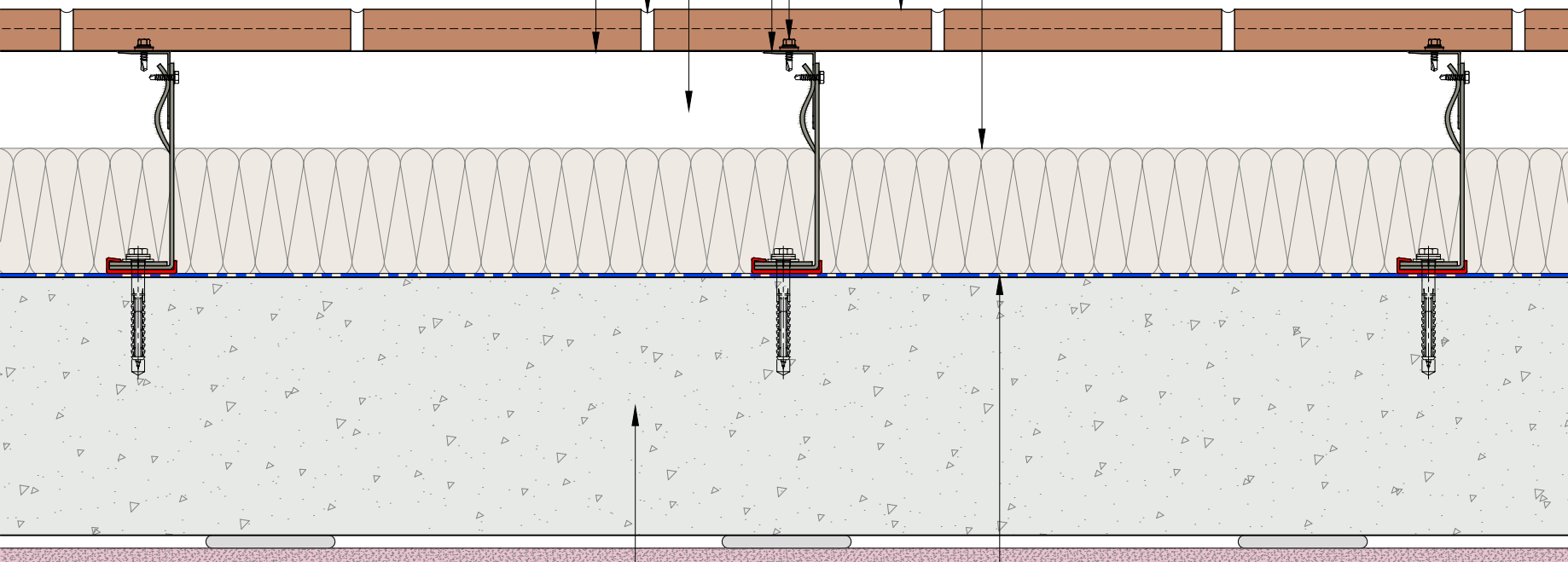
Corium interlocking steel rails mechanically fixed to the supporting subframe. Rails available in 0.55mm thick stainless steel (grades 304 and 316) or 0.7mm thick Magnelis metallic coated steel (ZM310 and ZM430).

Aluminium sub-frame consisting of L and T shaped vertical profiles fixed back to helping hand support brackets. Use a thermal break to minimize thermal bridges at the support bracket and substrate abutment. Always use a system that was developed for façade cladding. System to be to specialist design.

Corium rail fixings to be austenitic stainless steel fasteners with integral sealing washer (EPDM or similar). Refer to fixing pattern drawing WBR-CM-FX01.

Wienerberger Corium fired clay extruded brick tiles with visible face dimensions of 65x215mm to suit standard UK brick dimensions (32mm thick). Other lengths available up to 327mm.

Insulation to project specific details. Moisture resistance, sound insulation, reaction to fire and UV-resistance properties all to be considered by the project Architect.



Concrete substrate to architect and structural engineers specification and details.

Breather membrane applied to face of concrete ensuring overlaps and connections are carried out to manufacturers instructions.

rev: date: comment(s): name: check:

 **Corium**

title:
**Typical Wall Build Up with
Standard 65mm Brick Tiles**

drg No:
WBR-CM-CONC-65-P01

drawn:	check:	date:	scale:	rev:
MF	DF	19/01/22	1:5 @ A4	-

 **Wienerberger**

Wienerberger Ltd

Wienerberger House, Brooks Drive,
Cheadle Royal Business Park,
Cheadle, Cheshire, SK8 3SA

T: +44 (0) 161 491 8200
E: design.uk@wienerberger.com

Aluminium sub-frame consisting of L and T shaped vertical profiles fixed back to helping hand support brackets. Use a thermal break to minimize thermal bridges at the support bracket and substrate abutment. Always use a system that was developed for façade cladding. System to be to specialist design.

Corium corner unit. Left Hand and Right Hand versions available to maintain bond pattern around corner.

Corner support to sub-frame system designers details

Cavity barrier specification and positioning to be determined by the fire engineer or BCO.

Corium rail fixings to be austenitic stainless steel fasteners with integral sealing washer (EPDM or similar). Refer to fixing pattern drawing WBR-CM-FX01.

In order to achieve adequate ventilation a minimum 15mm continuous cavity between the back of the Corium interlocking rails and the face of the insulation is required. It is important that the cavity is not interrupted and that air entry and exit points are provided at the top and the bottom of the facade as well as every facade aperture to ensure sufficient air circulation.

Corium interlocking steel rails mechanically fixed to the supporting subframe. Rails available in 0.55mm thick stainless steel (grades 304 and 316) or 0.7mm thick Magnelis metallic coated steel (ZM310 and ZM430).

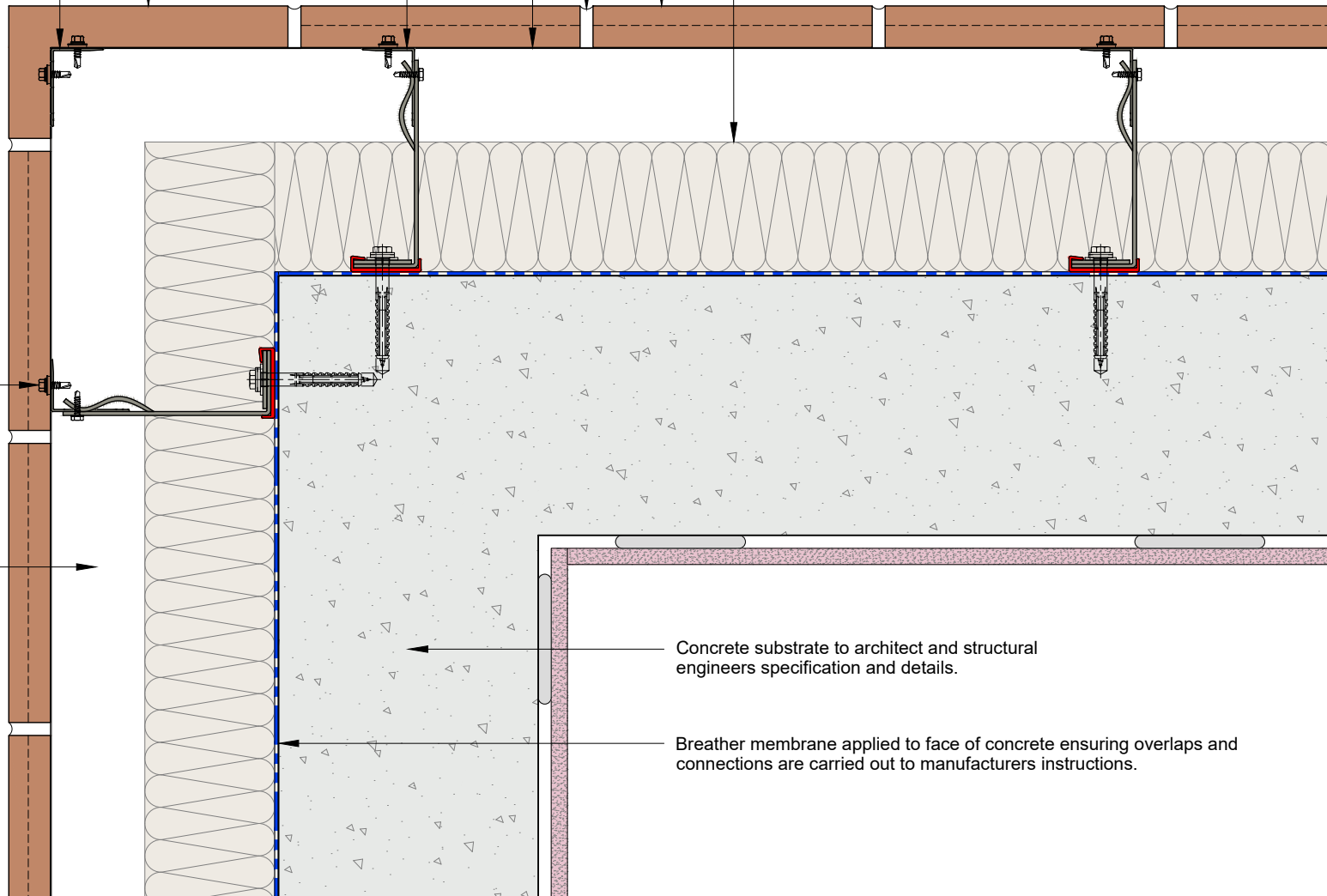
Sika Parex Historic KL mortar to be flush or slightly bucket-handled. Pointing and mortar mixing must only be carried out by approved Corium installers.

Wienerberger Corium fired clay extruded brick tiles with visible face dimensions of 65x215mm to suit standard UK brick dimensions (32mm thick). Other lengths available up to 327mm.

Insulation to project specific details. Moisture resistance, sound insulation, reaction to fire and UV-resistance properties all to be considered by the project Architect.

Concrete substrate to architect and structural engineers specification and details.

Breather membrane applied to face of concrete ensuring overlaps and connections are carried out to manufacturers instructions.



rev: date: comment(s): name: check:

Corium

title:
External Corner

drg No:
WBR-CM-CONC-65-P02

drawn:	check:	date:	scale:	rev:
MF	DF	19/01/22	1:5 @ A4	-

Wienerberger

Wienerberger Ltd

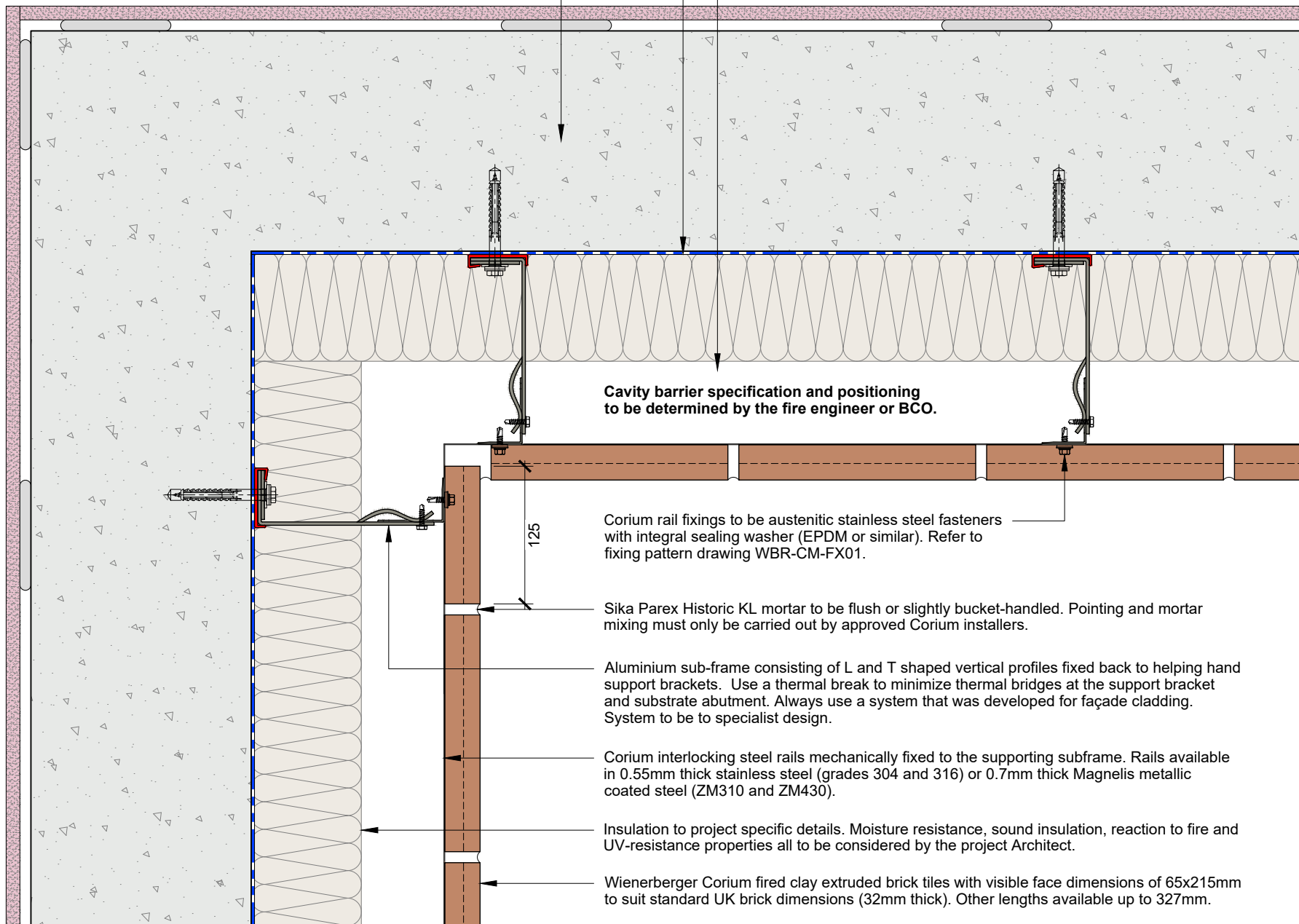
Wienerberger House, Brooks Drive,
Cheadle Royal Business Park,
Cheadle, Cheshire, SK8 3SA

T: +44 (0) 161 491 8200
E: design.uk@wienerberger.com

Concrete substrate to architect and structural engineers specification and details.

Breather membrane applied to face of concrete ensuring overlaps and connections are carried out to manufacturers instructions.

In order to achieve adequate ventilation a minimum 15mm continuous cavity between the back of the Corium interlocking rails and the face of the insulation is required. It is important that the cavity is not interrupted and that air entry and exit points are provided at the top and the bottom of the facade as well as every facade aperture to ensure sufficient air circulation.



Cavity barrier specification and positioning to be determined by the fire engineer or BCO.

Corium rail fixings to be austenitic stainless steel fasteners with integral sealing washer (EPDM or similar). Refer to fixing pattern drawing WBR-CM-FX01.

Sika Parex Historic KL mortar to be flush or slightly bucket-handled. Pointing and mortar mixing must only be carried out by approved Corium installers.

Aluminium sub-frame consisting of L and T shaped vertical profiles fixed back to helping hand support brackets. Use a thermal break to minimize thermal bridges at the support bracket and substrate abutment. Always use a system that was developed for façade cladding. System to be to specialist design.

Corium interlocking steel rails mechanically fixed to the supporting subframe. Rails available in 0.55mm thick stainless steel (grades 304 and 316) or 0.7mm thick Magnelis metallic coated steel (ZM310 and ZM430).

Insulation to project specific details. Moisture resistance, sound insulation, reaction to fire and UV-resistance properties all to be considered by the project Architect.

Wienerberger Corium fired clay extruded brick tiles with visible face dimensions of 65x215mm to suit standard UK brick dimensions (32mm thick). Other lengths available up to 327mm.

rev: date: comment(s): name: check:



title:
Internal Corner

drg No:
WBR-CM-CONC-65-P03

drawn:	check:	date:	scale:	rev:
MF	DF	19/01/22	1:5 @ A4	-



Wienerberger Ltd
 Wienerberger House, Brooks Drive,
 Cheadle Royal Business Park,
 Cheadle, Cheshire, SK8 3SA
 T: +44 (0) 161 491 8200
 E: design.uk@wienerberger.com

Corium rail fixings to be austenitic stainless steel fasteners with integral sealing washer (EPDM or similar). Refer to fixing pattern drawing WBR-CM-FX01.

Corium interlocking steel rails mechanically fixed to the supporting subframe. Rails available in 0.55mm thick stainless steel (grades 304 and 316) or 0.7mm thick Magnelis metallic coated steel (ZM310 and ZM430).

Polysulphide mastic seal to reveal flashing profile and Corium tile abutment.

Window reveal flashing taken back and sealed to window frame to Architect specification & details.

Cavity barrier specification and positioning to be determined by the fire engineer or BCO.

Polysulphide mastic seal to window frame abutment to window installer and architects specification and details.

Window to Architects specification.

Mastic seal.

Window fixing strap fixed to concrete.

Concrete substrate to architect and structural engineers specification and details.

Aluminium sub-frame consisting of L and T shaped vertical profiles fixed back to helping hand support brackets. Use a thermal break to minimize thermal bridges at the support bracket and substrate abutment. Always use a system that was developed for façade cladding. System to be to specialist design.

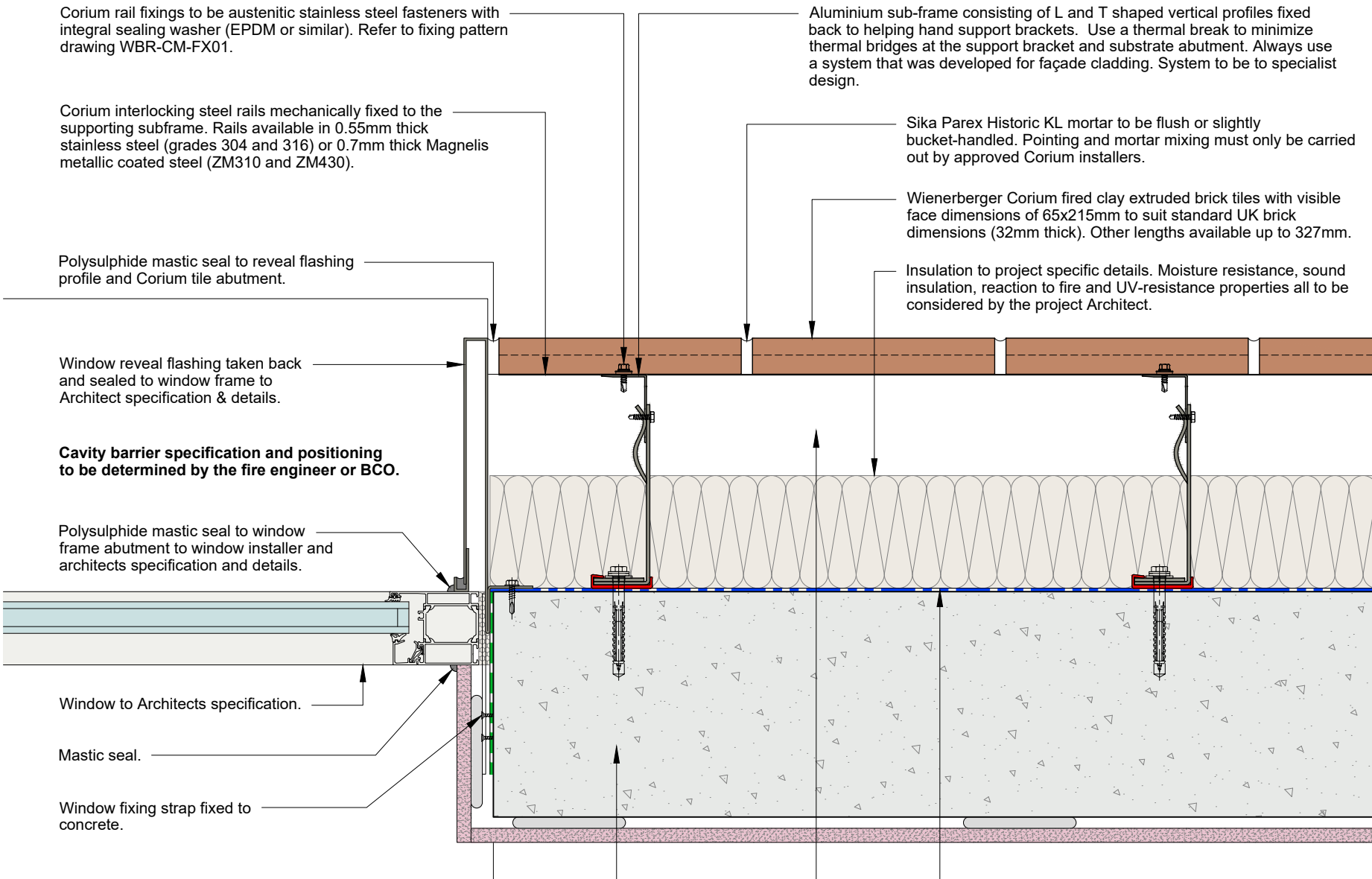
Sika Parex Historic KL mortar to be flush or slightly bucket-handled. Pointing and mortar mixing must only be carried out by approved Corium installers.

Wienerberger Corium fired clay extruded brick tiles with visible face dimensions of 65x215mm to suit standard UK brick dimensions (32mm thick). Other lengths available up to 327mm.

Insulation to project specific details. Moisture resistance, sound insulation, reaction to fire and UV-resistance properties all to be considered by the project Architect.

Breather membrane applied to face of concrete ensuring overlaps and connections are carried out to manufacturers instructions.

In order to achieve adequate ventilation a minimum 15mm continuous cavity between the back of the Corium interlocking rails and the face of the insulation is required. It is important that the cavity is not interrupted and that air entry and exit points are provided at the top and the bottom of the facade as well as every facade aperture to ensure sufficient air circulation.



rev: date: comment(s): name: check:

Corium

title:
Window Jamb with flashing profile

drg No:
WBR-CM-CONC-65-P04

drawn:	check:	date:	scale:	rev:
MF	DF	19/01/22	1:5 @ A4	-

Wienerberger

Wienerberger Ltd

Wienerberger House, Brooks Drive,
Cheadle Royal Business Park,
Cheadle, Cheshire, SK8 3SA

T: +44 (0) 161 491 8200
E: design.uk@wienerberger.com

Corium rail fixings to be austenitic stainless steel fasteners with integral sealing washer (EPDM or similar). Refer to fixing pattern drawing WBR-CM-FX01.

Aluminium sub-frame consisting of L and T shaped vertical profiles fixed back to helping hand support brackets. Use a thermal break to minimize thermal bridges at the support bracket and substrate abutment. Always use a system that was developed for façade cladding. System to be to specialist design.

Corium interlocking steel rails mechanically fixed to the supporting subframe. Rails available in 0.55mm thick stainless steel (grades 304 and 316) or 0.7mm thick Magnelis metallic coated steel (ZM310 and ZM430).

Insulation to project specific details. Moisture resistance, sound insulation, reaction to fire and UV-resistance properties all to be considered by the project Architect.

Corium corner unit. Left Hand and Right Hand versions available to maintain bond pattern around corner.

Sika Parex Historic KL mortar to be flush or slightly bucket-handled. Pointing and mortar mixing must only be carried out by approved Corium installers.

Wienerberger Corium fired clay extruded brick tiles with visible face dimensions of 65x215mm to suit standard UK brick dimensions (32mm thick). Other lengths available up to 327mm.

Corner angle to support system designer details

Cavity barrier specification and positioning to be determined by the fire engineer or BCO.

Polysulphide mastic seal to window frame abutment to window installer and architects specification and details.

Window to Architects specification.

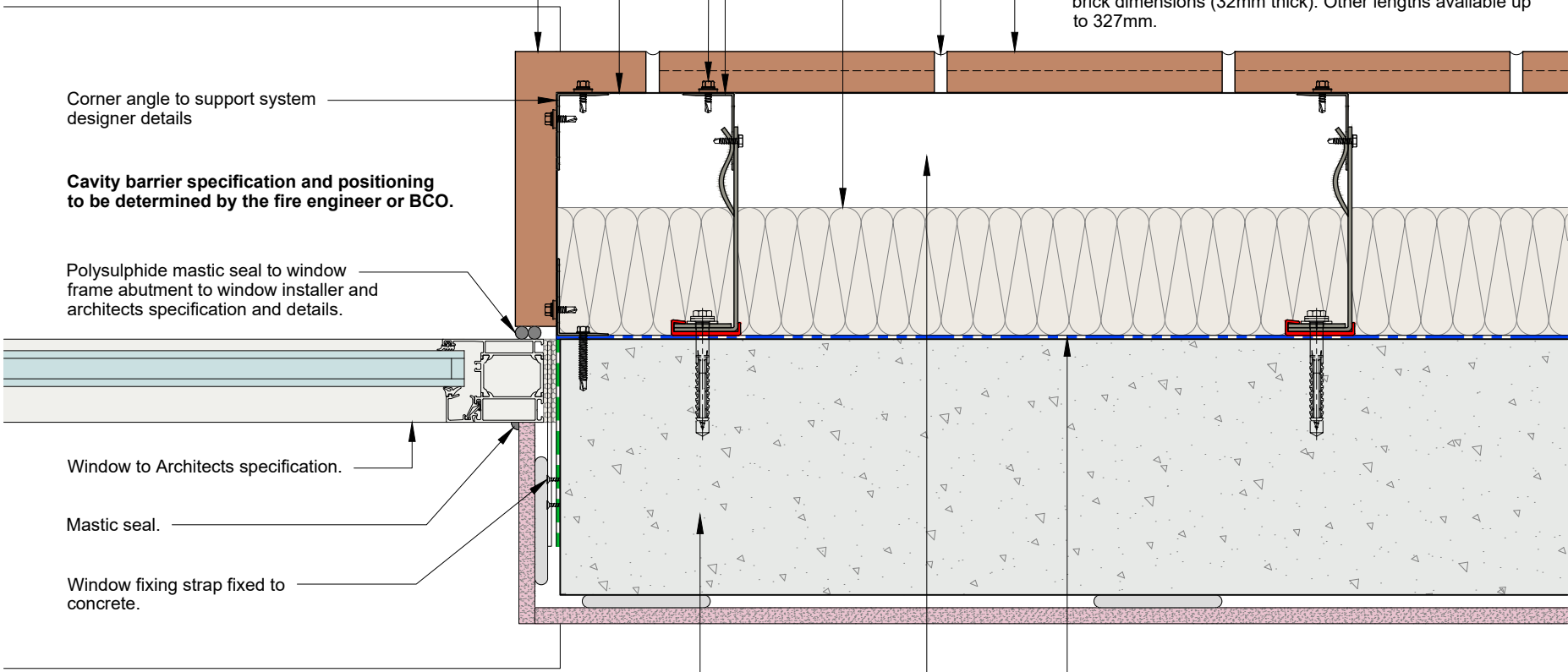
Mastic seal.

Window fixing strap fixed to concrete.

Concrete substrate to architect and structural engineers specification and details.

Breather membrane applied to face of concrete ensuring overlaps and connections are carried out to manufacturers instructions.

In order to achieve adequate ventilation a minimum 15mm continuous cavity between the back of the Corium interlocking rails and the face of the insulation is required. It is important that the cavity is not interrupted and that air entry and exit points are provided at the top and the bottom of the facade as well as every facade aperture to ensure sufficient air circulation.



rev: date: comment(s): name: check:

 **Corium**

title:
Window Jamb with Brick Reveal

drg No:
WBR-CM-CONC-65-P05

drawn:	check:	date:	scale:	rev:
MF	DF	19/01/22	1:5 @ A4	-

 **Wienerberger**

Wienerberger Ltd

Wienerberger House, Brooks Drive,
Cheadle Royal Business Park,
Cheadle, Cheshire, SK8 3SA

T: +44 (0) 161 491 8200
E: design.uk@wienerberger.com

Aluminium T shaped vertical profile fixed back to helping hand support brackets. Use a thermal break to minimize thermal bridges at the support bracket and substrate abutment. Always use a system that was developed for façade cladding. System to be to specialist design.

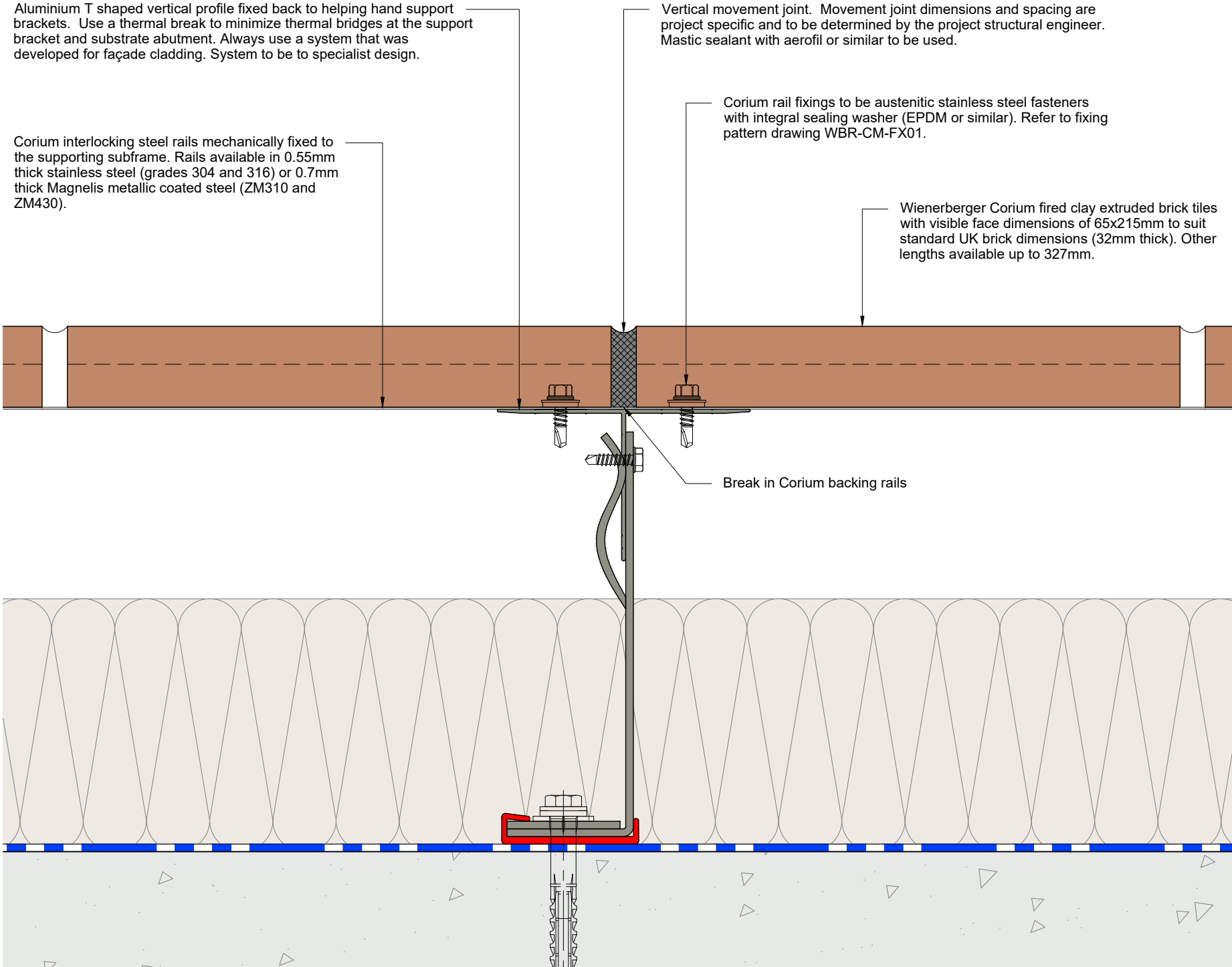
Vertical movement joint. Movement joint dimensions and spacing are project specific and to be determined by the project structural engineer. Mastic sealant with aerofill or similar to be used.

Corium interlocking steel rails mechanically fixed to the supporting subframe. Rails available in 0.55mm thick stainless steel (grades 304 and 316) or 0.7mm thick Magnelis metallic coated steel (ZM310 and ZM430).

Corium rail fixings to be austenitic stainless steel fasteners with integral sealing washer (EPDM or similar). Refer to fixing pattern drawing WBR-CM-FX01.

Wienerberger Corium fired clay extruded brick tiles with visible face dimensions of 65x215mm to suit standard UK brick dimensions (32mm thick). Other lengths available up to 327mm.

Break in Corium backing rails



rev: date: comment(s): name: check:

 **Corium**

title:
**Vertical Movement Joint
Detail - Corium System**

drg No:
WBR-CM-CONC-65-P06

drawn:	check:	date:	scale:	rev:
MF	DF	19/01/22	1:2 @ A4	-

 **Wienerberger**

Wienerberger Ltd

Wienerberger House, Brooks Drive,
Cheadle Royal Business Park,
Cheadle, Cheshire, SK8 3SA

T: +44 (0) 161 491 8200
E: design.uk@wienerberger.com

Use of and reliance on this drawing/document is at your own risk. Wienerberger is not responsible for any reliance or actions taken based on this drawing/document and all and any such responsibility and liability of Wienerberger (whether in contract, tort (including negligence), misrepresentation, under any statute or otherwise) is expressly excluded.

Aluminium L shaped vertical profile fixed back to helping hand support brackets. Use a thermal break to minimize thermal bridges at the support bracket and substrate abutment. Always use a system that was developed for façade cladding. System to be to specialist design.

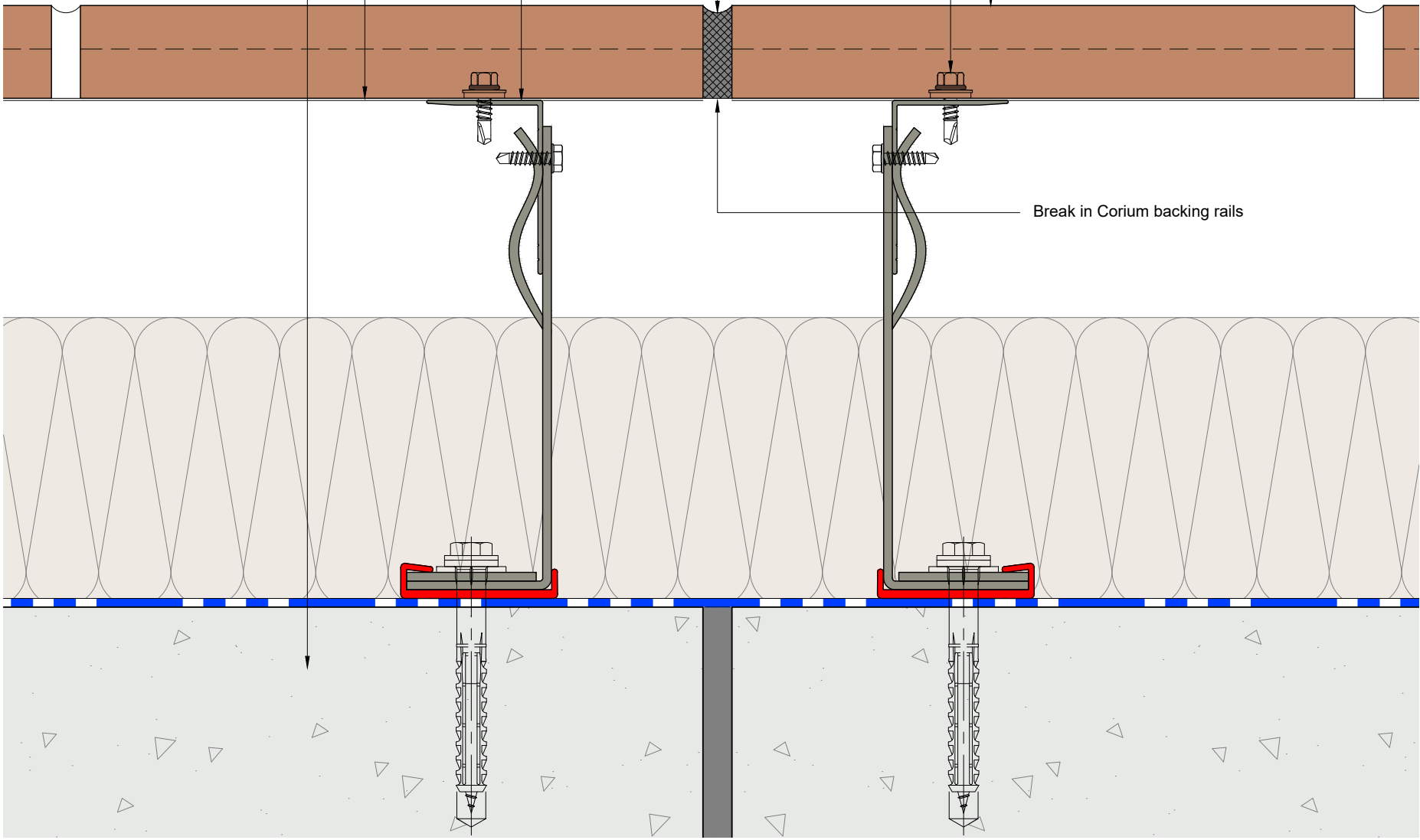
Corium interlocking steel rails mechanically fixed to the supporting subframe. Rails available in 0.55mm thick stainless steel (grades 304 and 316) or 0.7mm thick Magnelis metallic coated steel (ZM310 and ZM430).

Concrete substrate to architect and structural engineers specification and details.

Vertical movement joint. Movement joints in the structure of the building should be carried through to the face of the cladding. Movement joint dimensions and spacing are project specific and to be determined by the project structural engineer. Mastic sealant with aerofil or similar to be used.

Corium rail fixings to be austenitic stainless steel fasteners with integral sealing washer (EPDM or similar). Refer to fixing pattern drawing WBR-CM-FX01.

Wienerberger Corium fired clay extruded brick tiles with visible face dimensions of 65x215mm to suit standard UK brick dimensions (32mm thick). Other lengths available up to 327mm.



Break in Corium backing rails

rev: date: comment(s): name: check:



title:
**Vertical Movement Joint
Detail - Structural**

drg No:
WBR-CM-CONC-65-P07

drawn:	check:	date:	scale:	rev:
MF	DF	19/01/22	1:2 @ A4	-



Wienerberger Ltd
 Wienerberger House, Brooks Drive,
 Cheadle Royal Business Park,
 Cheadle, Cheshire, SK8 3SA
 T: +44 (0) 161 491 8200
 E: design.uk@wienerberger.com