

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.

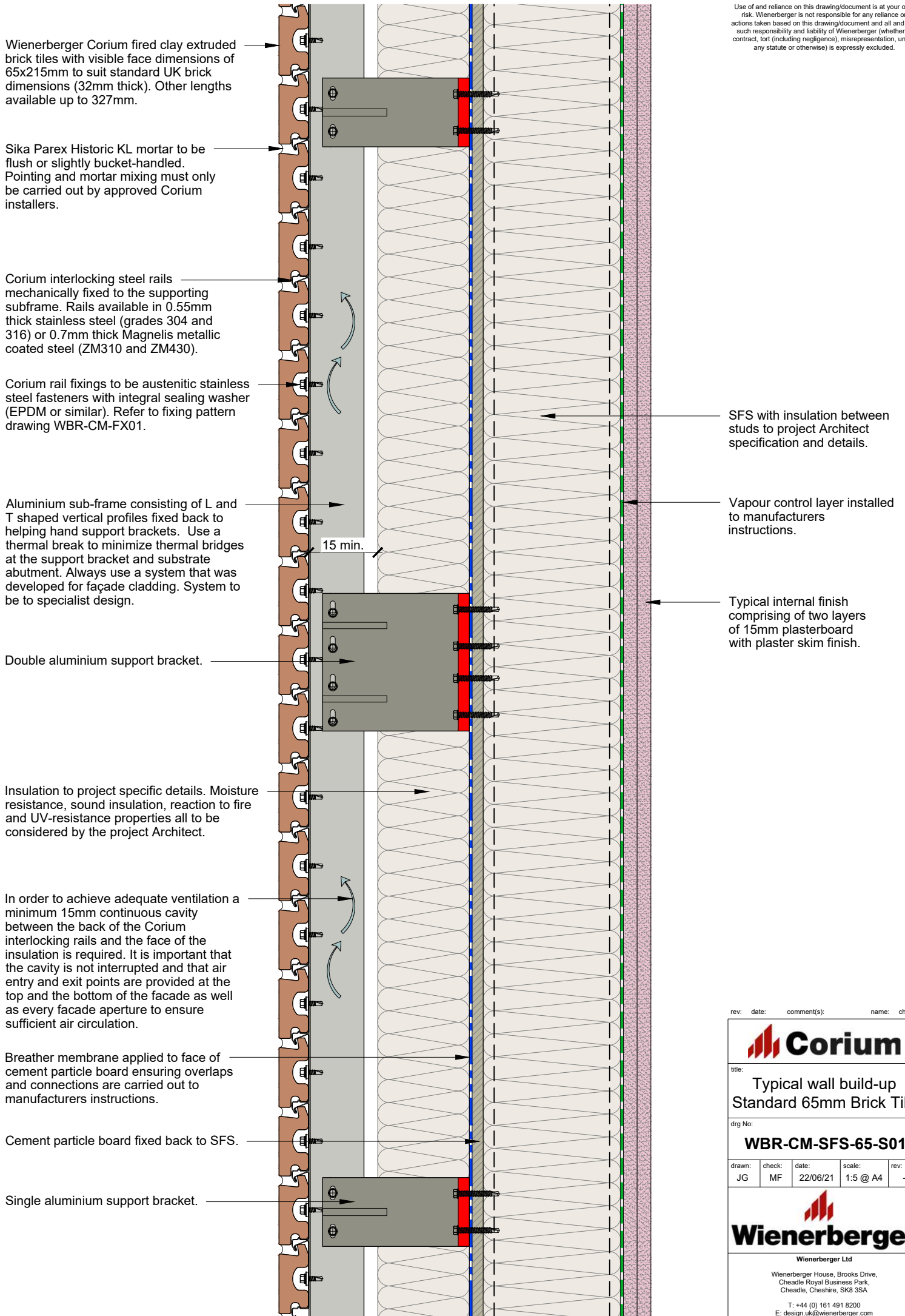
Nothing in the Corium Information is intended to constitute an offer or invitation. The provision of the Corium Information to you is subject to contract and shall in no way create any contractual relationship with Wienerberger.

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-SFS-65-S01	-	Typical Wall Build Up with Standard 65mm Brick Tiles	1:5 @ A4
WBR-CM-SFS-65-S02	-	Base Detail with Corium Above Brick Plinth	1:5 @ A4
WBR-CM-SFS-65-S03	-	Base Detail with Corium Below DPC Level	1:5 @ A4
WBR-CM-SFS-65-S04	-	Base Detail with Corium Above DPC level	1:5 @ A4
WBR-CM-SFS-65-S05	-	Window Cill	1:5 @ A4
WBR-CM-SFS-65-S06	-	Window Head with Flashing Profile	1:5 @ A4
WBR-CM-SFS-65-S07	-	Window Head with Soldier Brick	1:5 @ A4
WBR-CM-SFS-65-S08	-	Window Head with Soffit Return	1:5 @ A4
WBR-CM-SFS-65-S09	-	Window Head with Soldier Return	1:5 @ A4
WBR-CM-SFS-65-S10	-	Intermediate Floor Slab Detail	1:5 @ A4
WBR-CM-SFS-65-S11	-	Parapet Detail	1:5 @ A4
WBR-CM-SFS-65-S12	-	Horizontal Movement Joint Detail	1:2 @ A4
WBR-CM-SFS-65-S13	-	Soffit Detail	1:5 @ A4
WBR-CM-SFS-65-S14	-	Corbel Detail	1:5 @ A4
WBR-CM-SFS-65-S15	-	Typical Wall Build Up with 20mm Projecting Brick Tiles	1:5 @ A4
WBR-CM-SFS-65-S16	-	Typical Wall Build Up with 50mm Projecting Brick Tiles	1:5 @ A4
WBR-CM-SFS-65-S17	-	Air Brick Detail	1:2 @ A4

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

				
title: Title Sheet Corium Section Details				
drg No: WBR-CM-SFS-002				
drawn: JG	check: MF	date: 22/06/21	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				



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.

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).

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.

Double aluminium support bracket.

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

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.

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

Cement particle board fixed back to SFS.

Single aluminium support bracket.

SFS with insulation between studs to project Architect specification and details.

Vapour control layer installed to manufacturers instructions.

Typical internal finish comprising of two layers of 15mm plasterboard with plaster skim finish.

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

title: Typical wall build-up Standard 65mm Brick Tile				
drg No: WBR-CM-SFS-65-S01				
drawn: JG	check: MF	date: 22/06/21	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				

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.

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.

Single aluminium support bracket.

Wienerberger Corium fired clay extruded brick tiles

Ventilation gap protected with insect mesh.

Continuous DPC with 10mm projection

Wienerberger brick plinth to be F2 S2 rated below DPC.

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

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.

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

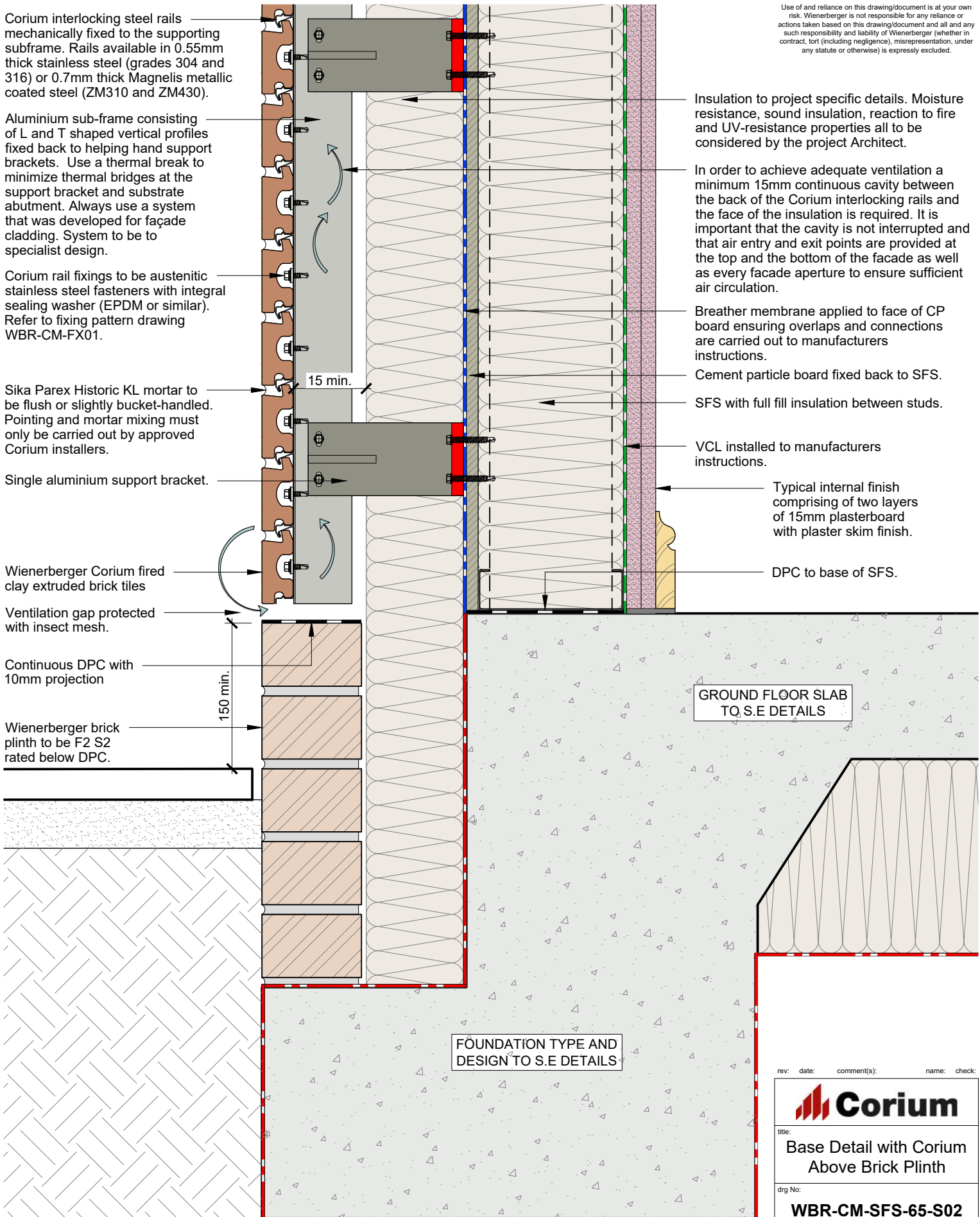
Cement particle board fixed back to SFS.

SFS with full fill insulation between studs.

VCL installed to manufacturers instructions.

Typical internal finish comprising of two layers of 15mm plasterboard with plaster skim finish.

DPC to base of SFS.



GROUND FLOOR SLAB TO S.E DETAILS

FOUNDATION TYPE AND DESIGN TO S.E DETAILS

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

Base Detail with Corium Above Brick Plinth				
drg No: WBR-CM-SFS-65-S02				
drawn:	check:	date:	scale:	rev:
JG	MF	22/06/21	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 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.

Single aluminium support bracket.

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.

Cavity tray

Ventilation gap protected with insect mesh.

Wienerberger Corium fired clay extruded brick tiles with 215x65mm visible face (32mm thick). Suitable for use below DPC and ground level.

G.L.

Corium interlocking rail sections below DPC to be stainless steel (grade 304).

Helping hand brackets and sub-frame vertical profiles in non drained area to be protected as per system manufacturers details.

Insulation or similar material capable of resisting the compressive forces of the ground shear.

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

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.

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

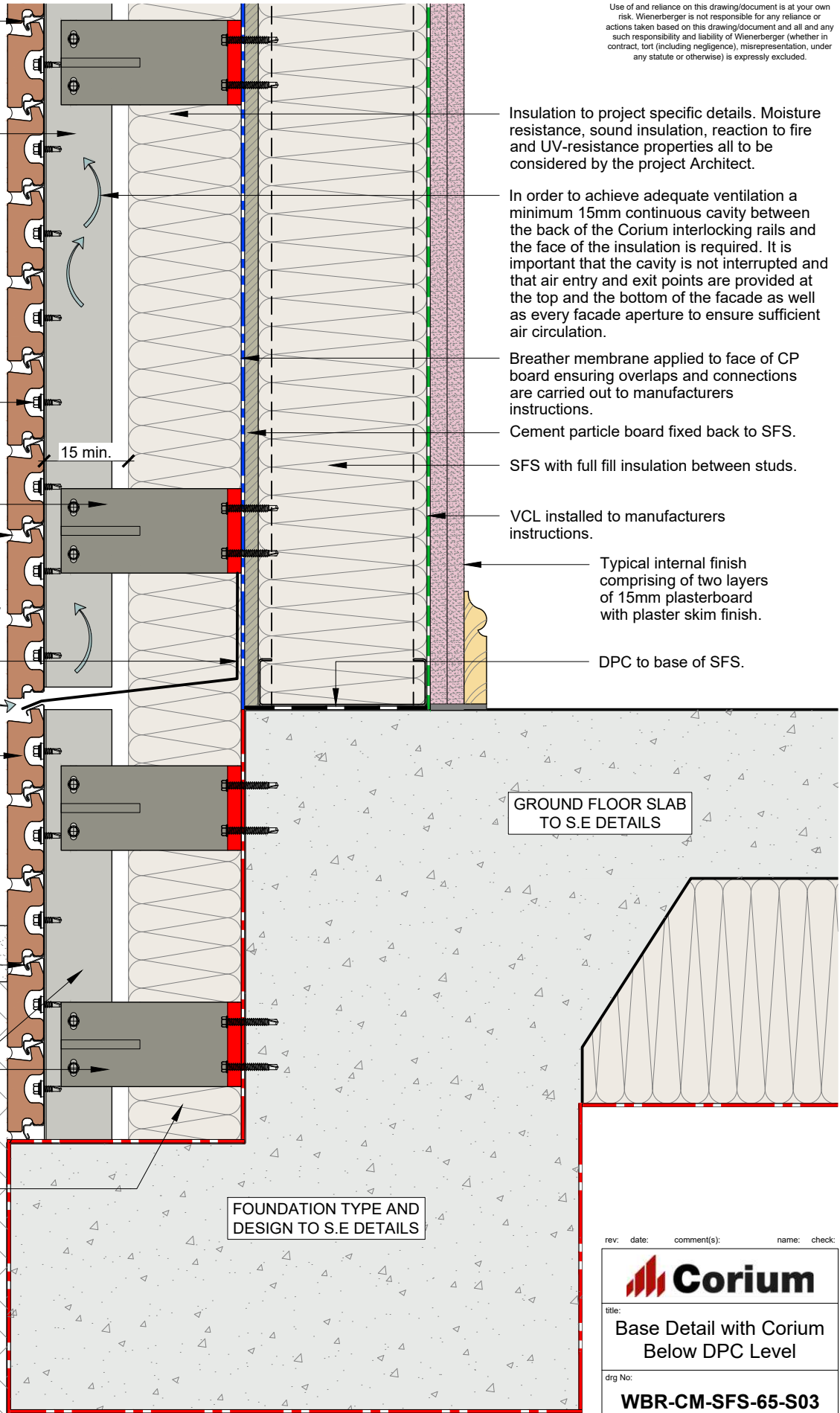
Cement particle board fixed back to SFS.

SFS with full fill insulation between studs.

VCL installed to manufacturers instructions.

Typical internal finish comprising of two layers of 15mm plasterboard with plaster skim finish.

DPC to base of SFS.



GROUND FLOOR SLAB TO S.E DETAILS

FOUNDATION TYPE AND DESIGN TO S.E DETAILS

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

Corium

Title: **Base Detail with Corium Below DPC Level**

dra No: **WBR-CM-SFS-65-S03**

drawn:	check:	date:	scale:	rev:
JG	MF	22/06/21	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 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

Single aluminium support bracket.

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.

Ventilated base protected with insect mesh

Plinth to project architects details capable of resisting the compressive forces of the ground shear.

Insulation resistance and UV-re considered by the project Architect.

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.

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

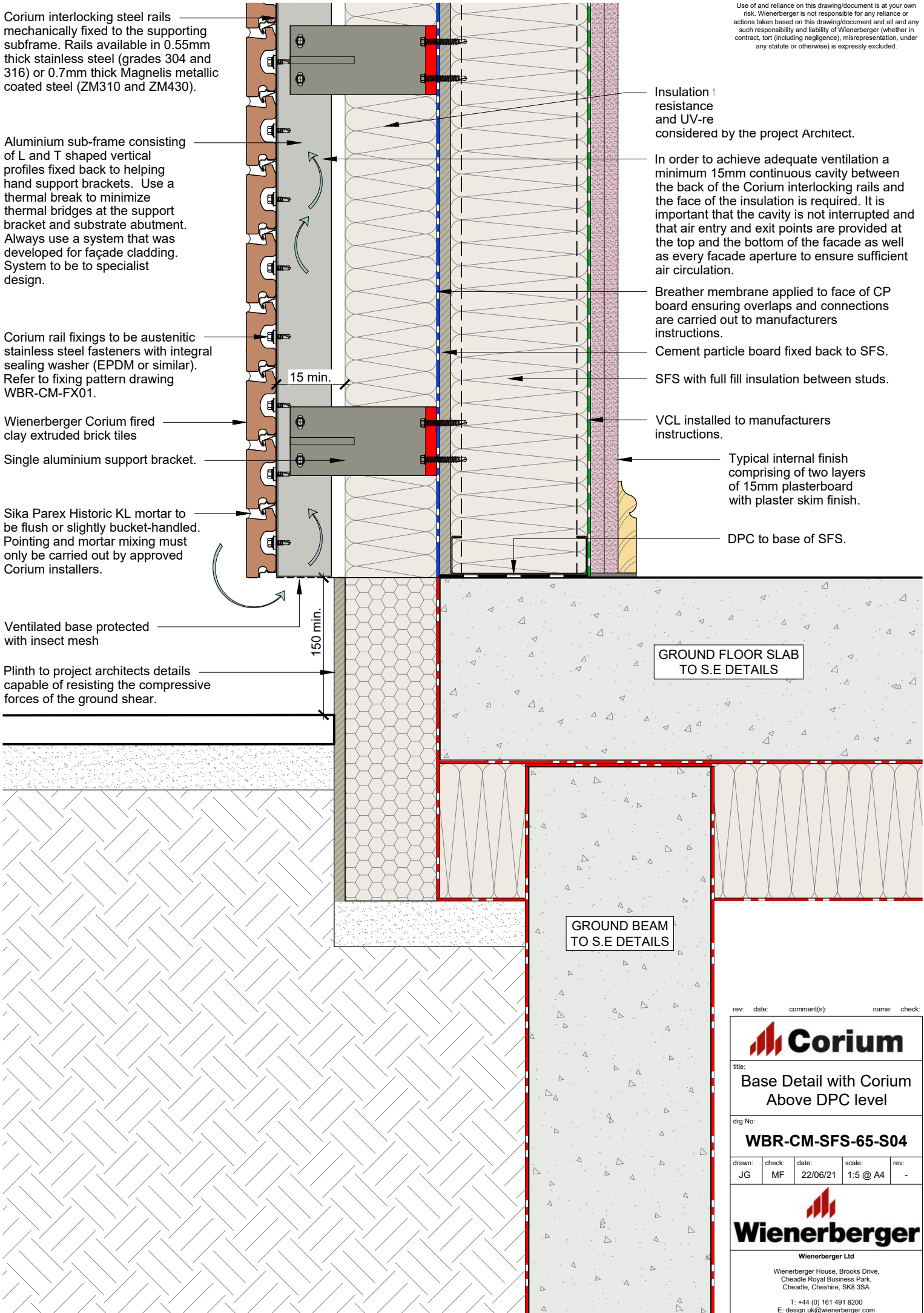
Cement particle board fixed back to SFS.

SFS with full fill insulation between studs.

VCL installed to manufacturers instructions.

Typical internal finish comprising of two layers of 15mm plasterboard with plaster skim finish.

DPC to base of SFS.



GROUND FLOOR SLAB TO S.E DETAILS

GROUND BEAM TO S.E DETAILS

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

Base Detail with Corium Above DPC level				
drg No: WBR-CM-SFS-65-S04				
drawn:	check:	date:	scale:	rev:
JG	MF	22/06/21	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				

Window to Architects specification

Wienerberger Corium tile window reveal

EPDM seal to window frame & SFS abutment

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

Ventilation gap protected with insect mesh

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

Window cill type and projection to Architects details

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.

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).

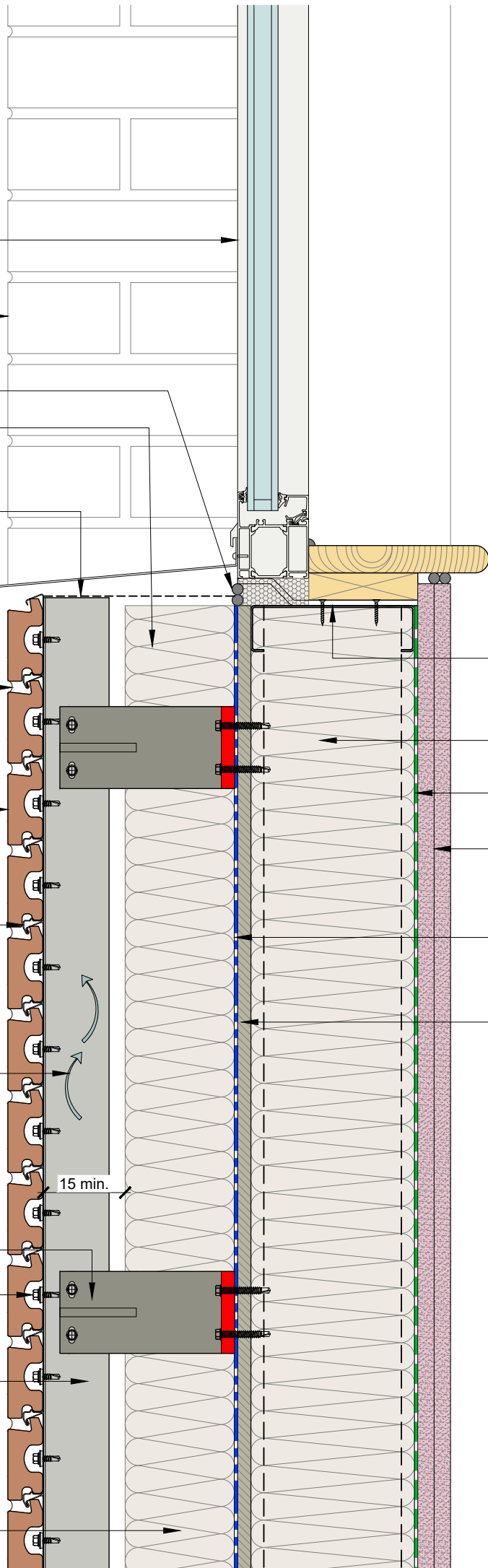
In order to achieve adequate ventilation a minimum 15mm continuous cavity between the back of the Corium interlocking rails and the face of the insulation is required. It is important that the cavity is not interrupted and that air entry and exit points are provided at the top and the bottom of the facade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

Single aluminium support bracket.

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.

Insulation to project specific details.



Window fixings and internal cill finishes to Architect details.

SFS with full fill insulation between studs.



VCL installed to manufacturers instructions.

Typical internal finish comprising of two layers of 15mm plasterboard with plaster skim finish.

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

Cement particle board fixed back to SFS.

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

				
title: Window Cill				
drg No: WBR-CM-SFS-65-S05				
drawn: JG	check: MF	date: 22/06/21	scale: 1:5 @ A4	rev: -
				
<p>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</p>				

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.

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.

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).

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.

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.

Standard Corium tile coursing detail above window head.

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

Vented soffit flashing profile to window head taken back and sealed to window frame to Architect specification & details.

EPDM and/or polysulphide mastic seal to window frame & SFS abutment to window installer and architects specification and details.

Window to Architects specification

Wienerberger Corium tile window reveal

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

SFS with full fill insulation between studs.

VCL installed to manufacturers instructions.

Typical internal finish comprising of two layers of 15mm plasterboard with plaster skim finish.

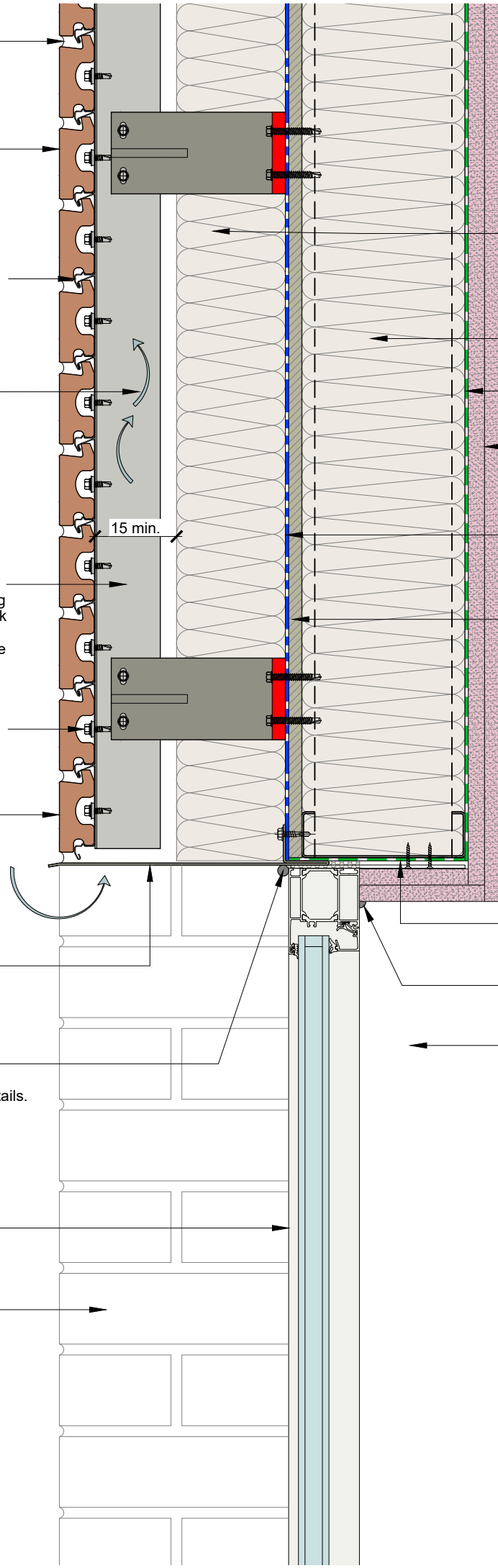
Breather membrane applied to face of CP board ensuring overlaps and connections are carried out to manufacturers instructions.

Cement particle board fixed back to SFS.



Window fixing strap fixed to u/s of SFS

Mastic seal to plasterboard & window head abutment

Internal plasterboard reveal



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

				
title: Window Head with Flashing Profile				
drg No: WBR-CM-SFS-65-S06				
drawn: JG	check: MF	date: 22/06/21	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				

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.

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).

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.

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 CM.3 soldier brick tile detail above window head, with visible face dimensions of 215x65mm to suit standard UK brick dimensions (32mm thick).

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

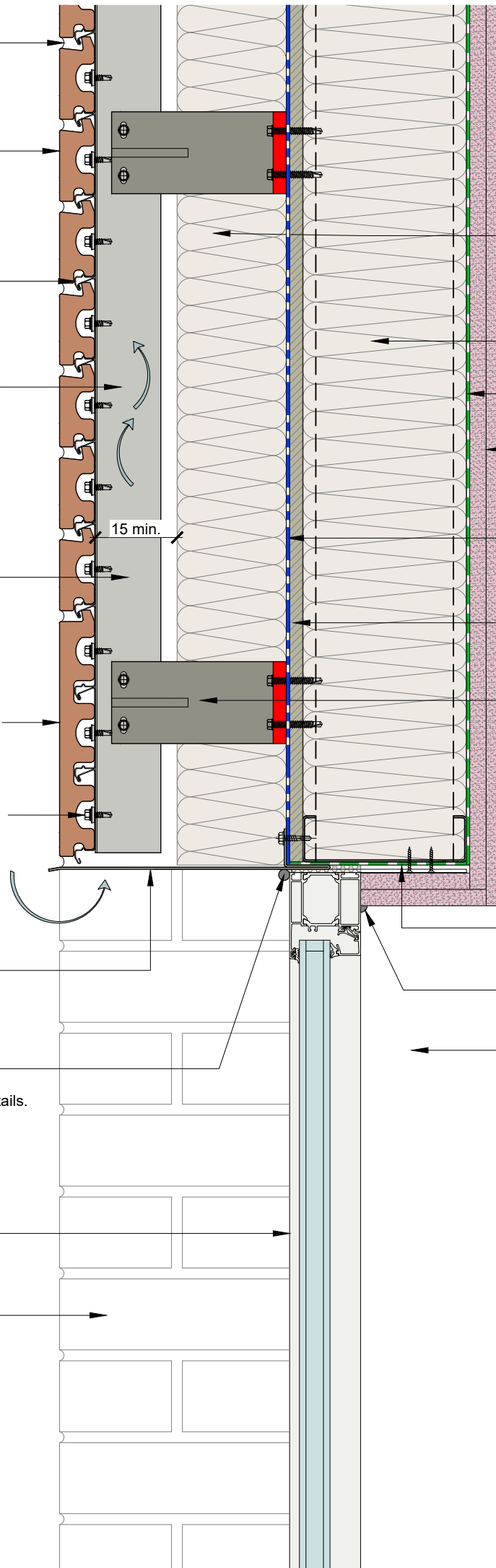
Cavity barrier specification and positioning to be determined by the fire engineer or BCO.

Vented soffit flashing profile to window head taken back and sealed to window frame to Architect specification & details.

EPDM and/or polysulphide mastic seal to window frame & SFS abutment to window installer and architects specification and details.

Window to Architects specification

Wienerberger Corium tile window reveal



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

SFS with full fill insulation between studs.

VCL installed to manufacturers instructions.

Typical internal finish comprising of two layers of 15mm plasterboard with plaster skim finish.

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

Cement particle board fixed back to SFS.

Single aluminium support bracket.

Window fixing strap fixed to u/s of SFS

Mastic seal to plasterboard & window head abutment

Internal plasterboard reveal

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

				
title: Window Head with Soldier Brick				
drg No: WBR-CM-SFS-65-S07				
drawn: JG	check: MF	date: 22/06/21	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				

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.

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).

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.

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.

Corium CM.5 soffit return brick tile detail to window head.

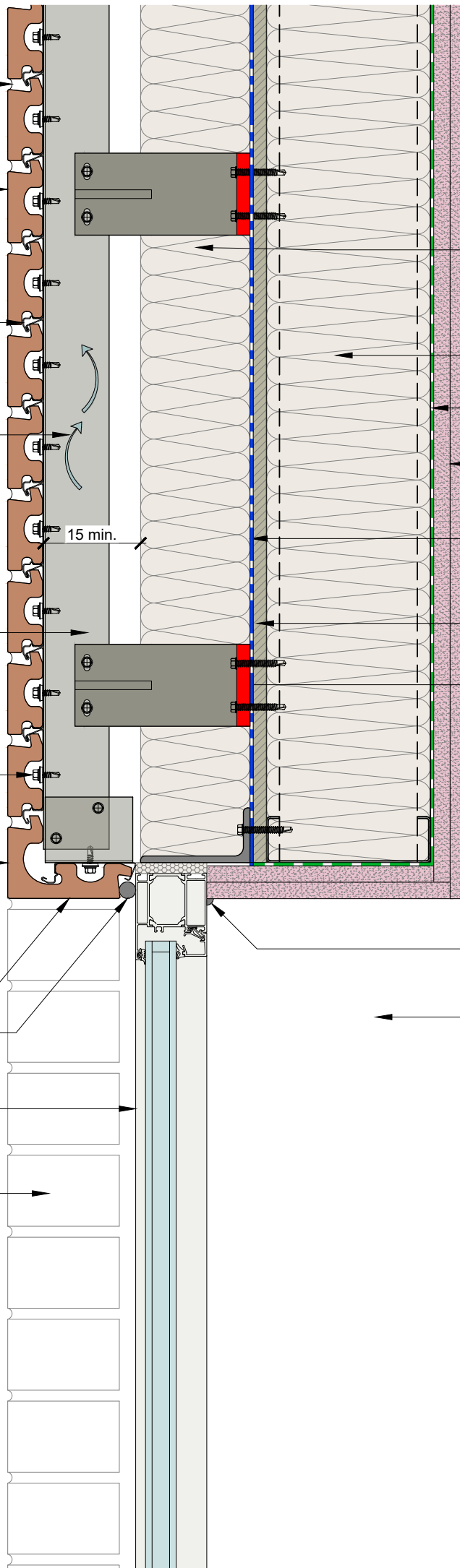
Cavity barrier specification and positioning to be determined by the fire engineer or BCO.

Ventilation of cavity required at window head.

EPDM and polysulphide mastic seal to window installer and architects specification and details.

Window to Architects specification

Wienerberger Corium tile window reveal



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

SFS with full fill insulation between studs.

VCL installed to manufacturers instructions.

Typical internal finish comprising of two layers of 15mm plasterboard with plaster skim finish.

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

Cement particle board fixed back to SFS.

Single aluminium support bracket.

Mastic seal to plasterboard & window head abutment

Internal plasterboard reveal

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

title: Window Head with Soffit Return				
drg No: WBR-CM-SFS-65-S08				
drawn: JG	check: MF	date: 22/06/21	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				

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).

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.

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.

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.

Mastic sealant with aerofil or similar to allow for movement.

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

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

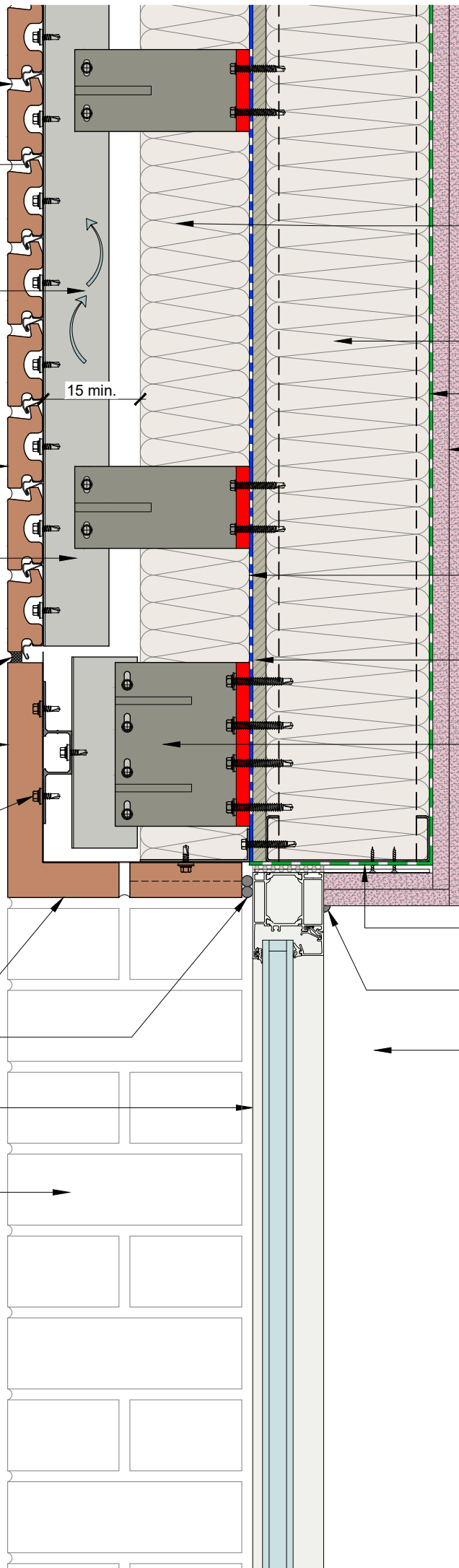
Cavity barrier specification and positioning to be determined by the fire engineer or BCO.

Ventilation of cavity required at window head.

EPDM and/or polysulphide mastic seal to window frame & SFS abutment to window installer and architects specification and details.

Window to Architects specification

Wienerberger Corium tile window reveal



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

SFS with full fill insulation between studs.

VCL installed to manufacturers instructions.

Typical internal finish comprising of two layers of 15mm plasterboard with plaster skim finish.

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

Cement particle board fixed back to SFS.

Double aluminium support bracket.

Window fixing strap fixed to u/s of SFS

Mastic seal to plasterboard & window head abutment

Internal plasterboard reveal

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

				
title: Window Head with Soldier Return				
drg No: WBR-CM-SFS-65-S09				
drawn: JG	check: MF	date: 22/06/21	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				

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.

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.

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

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

Single aluminium support bracket.

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.

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

Cement particle board fixed back to SFS.

SFS with full fill insulation between studs.

VCL installed to manufacturers instructions.

Typical internal finish comprising of two layers of 15mm plasterboard with plaster skim finish.

DPC to base of SFS.

INTERMEDIATE SLAB TO S.E DETAILS

Suspended ceiling system

Ceiling finishes to project specific details

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

				
title: Intermediate Floor Slab Detail				
drg No: WBR-CM-SFS-65-S10				
drawn: JG	check: MF	date: 22/06/21	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				

Proprietary parapet coping fixed to SFS to architects details.

Ventilation gap protected with insect mesh.

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.

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).

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

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

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

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.

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

Cement particle board fixed back to SFS.

Single aluminium support bracket.

Waterproofing layer to be dressed up and over parapet wall

Angle fillet installed to satisfy requirements of waterproofing layer


Insulation type and depth to Architect specification

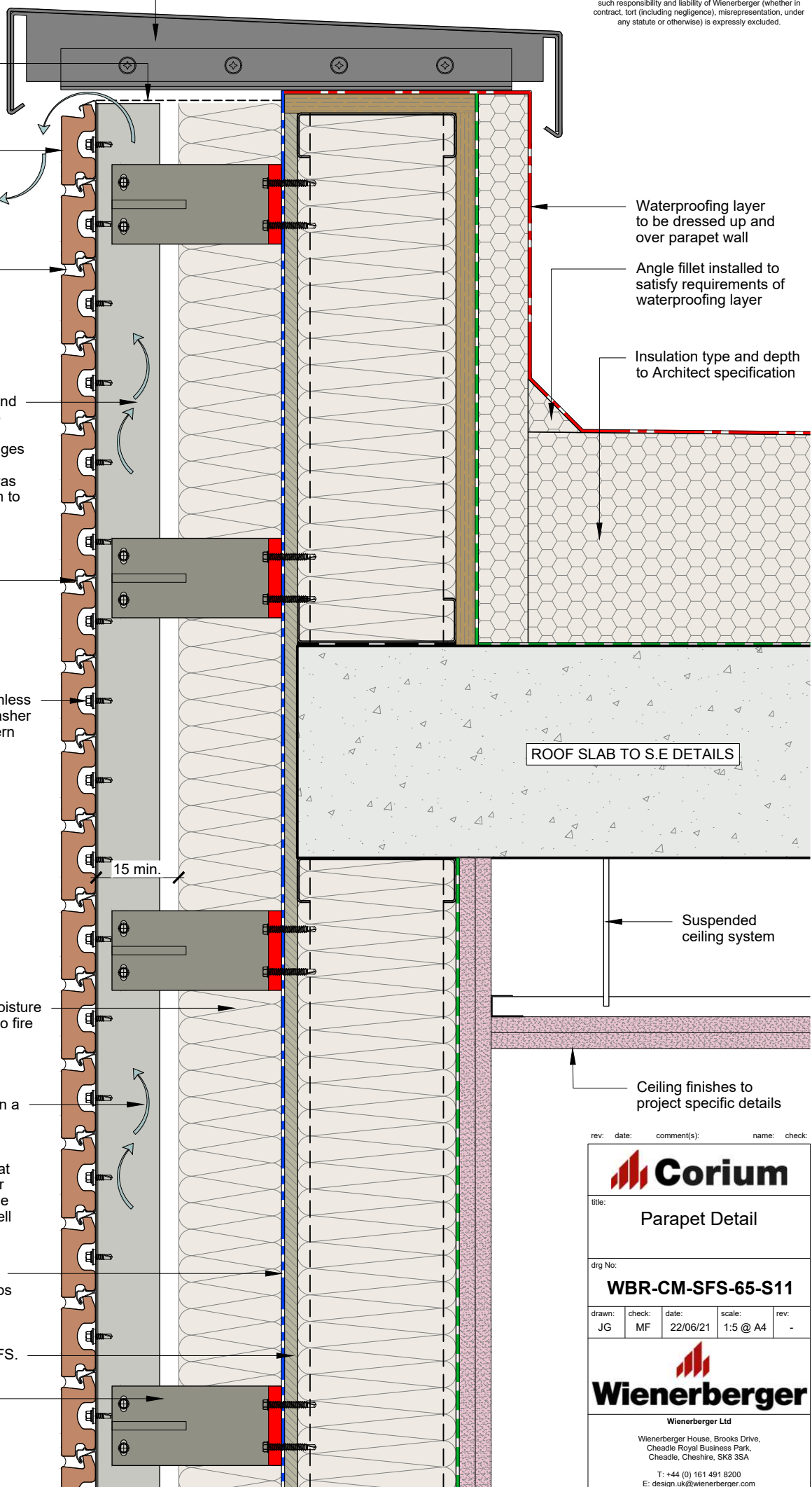
ROOF SLAB TO S.E DETAILS

Suspended ceiling system

Ceiling finishes to project specific details

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

	
title: Parapet Detail	
drg No: WBR-CM-SFS-65-S11	
drawn: JG	check: MF
date: 22/06/21	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	



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.

Single aluminium support bracket.

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.

Break in L&T shaped vertical profiles.

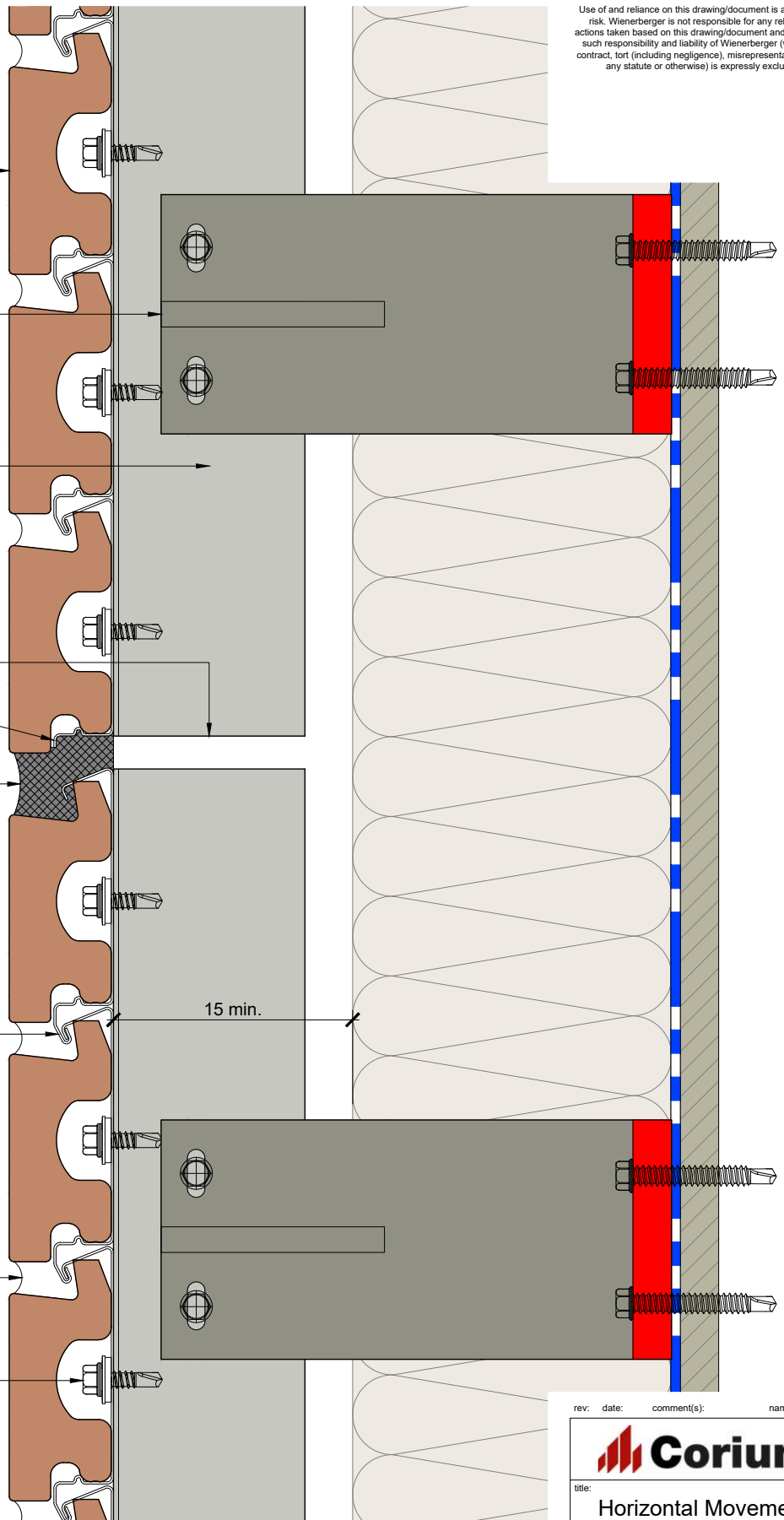
Corium rail modified to break interlock and allow for movement.

Horizontal movement joint. All movement joints to be designed to the requirements specified by the facade engineer and project architect. Mastic sealant with aerofil or similar to be used. Ensure Corium backing rails are also adjusted to compensate for any movement requirements.

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.

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



Important

- Movement joints should be provided to accommodate the expected amount of building movement. The joint width in the Corium system can be adjusted to suit these requirements.
- Movement joints in the structure of the building should be carried through to the face of the cladding.
- Support rails should never span over the movement joints in the building/structure.
- Corium must never span over gaps/joints in the vertical rails.

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

				
title: Horizontal Movement Joint Detail				
drg No: WBR-CM-SFS-65-S12				
drawn: JG	check: MF	date: 22/06/21	scale: 1:2 @ 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.

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

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

Aluminium angles stitched together.

Corium CM.5 soffit return brick tile.

102.5

Fixed point bracket

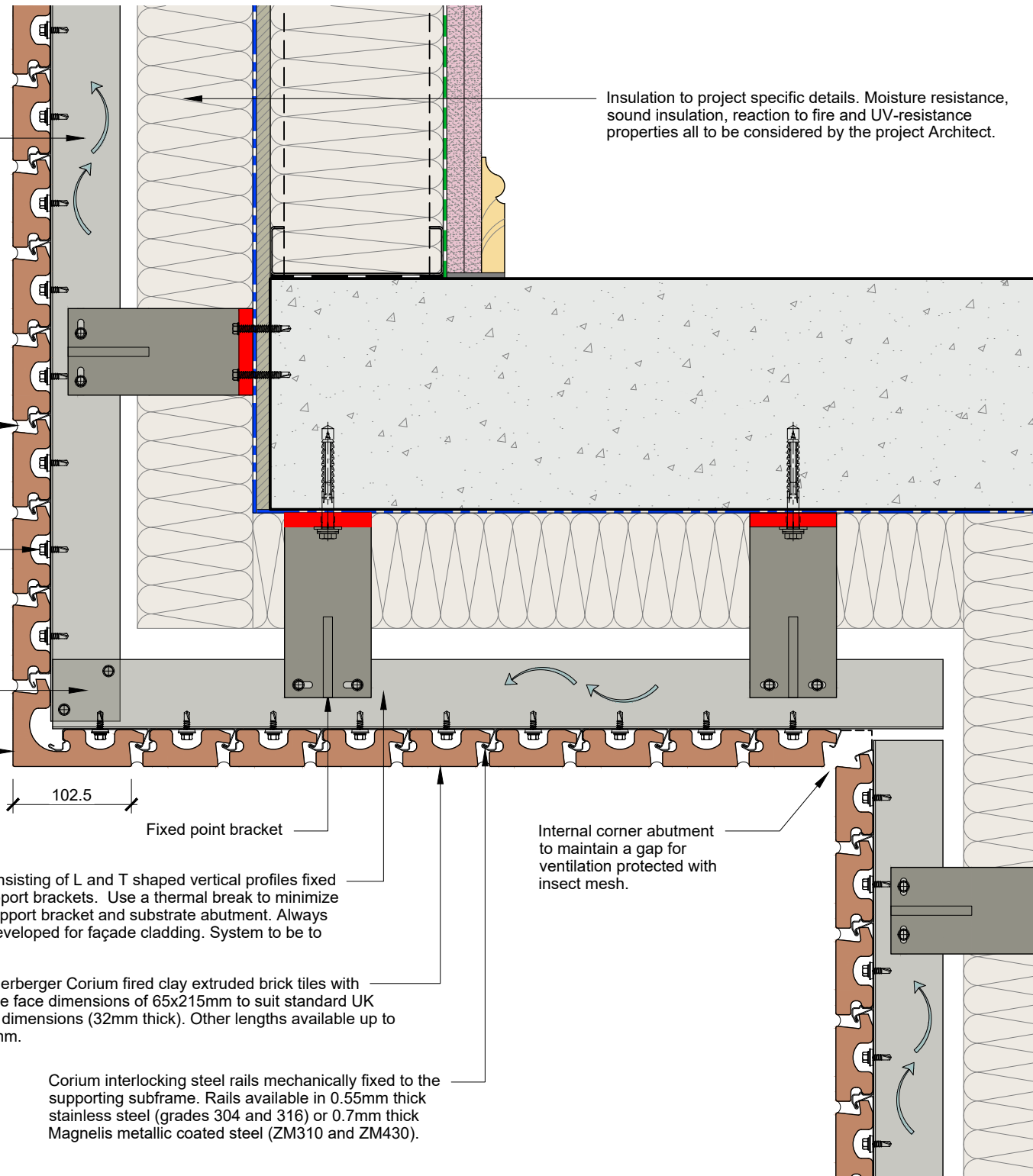
Aluminium sub-frame consisting of L and T shaped vertical profiles fixed back to helping hand support brackets. Use a thermal break to minimize thermal bridges at the support bracket and substrate abutment. Always use a system that was developed for façade cladding. System to be to specialist design.

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.

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.

Internal corner abutment to maintain a gap for ventilation protected with insect mesh.



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

Corium

title:
Soffit Detail

drg No:
WBR-CM-SFS-65-S13

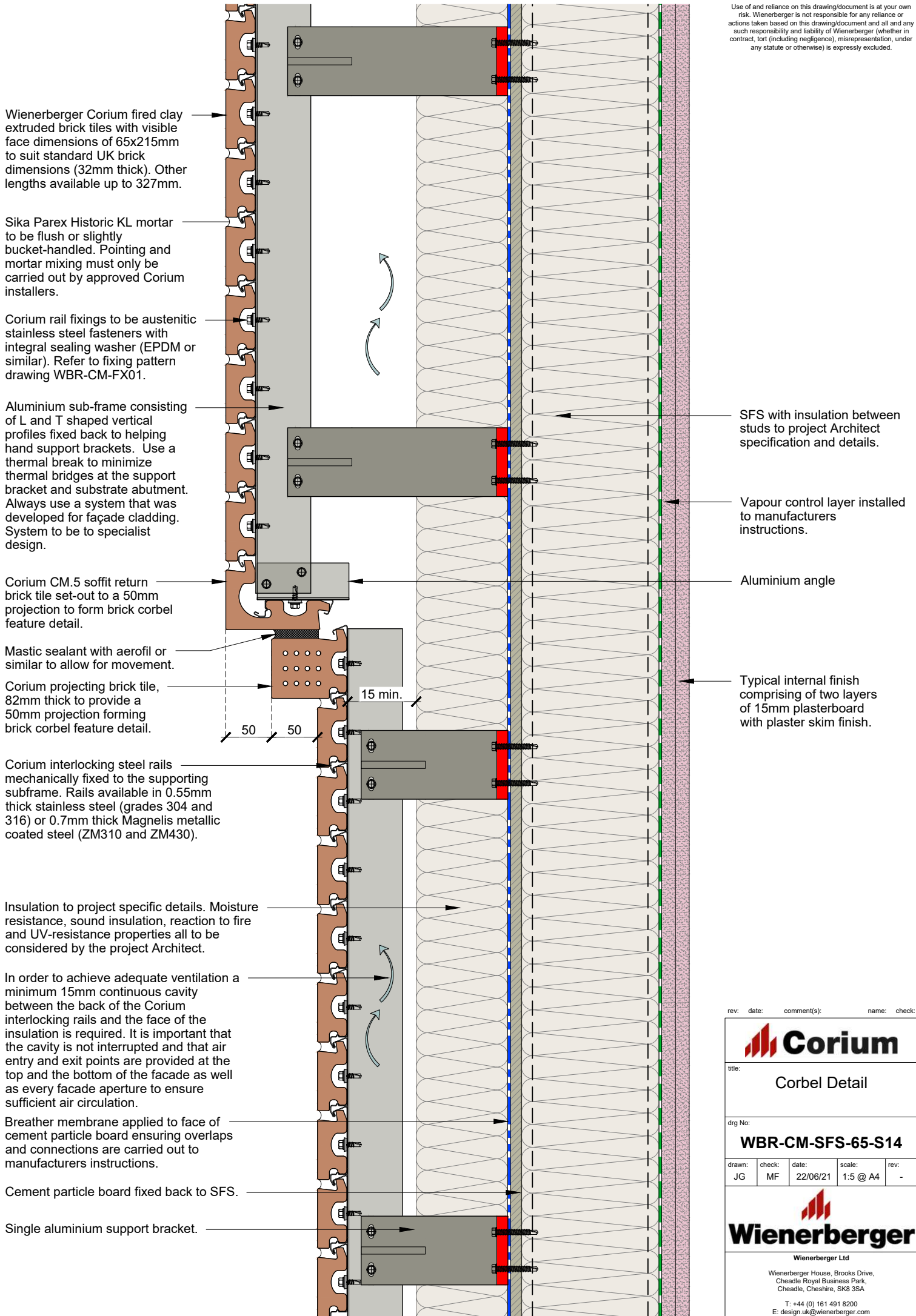
drawn:	check:	date:	scale:	rev:
JG	MF	22/06/21	1:5 @ A4	-

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



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.

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 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 CM.5 soffit return brick tile set-out to a 50mm projection to form brick corbel feature detail.

Mastic sealant with aerofil or similar to allow for movement.

Corium projecting brick tile, 82mm thick to provide a 50mm projection forming brick corbel feature detail.

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.

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.

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

Cement particle board fixed back to SFS.

Single aluminium support bracket.

SFS with insulation between studs to project Architect specification and details.

Vapour control layer installed to manufacturers instructions.

Aluminium angle

Typical internal finish comprising of two layers of 15mm plasterboard with plaster skim finish.

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

title: Corbel Detail				
drg No: WBR-CM-SFS-65-S14				
drawn: JG	check: MF	date: 22/06/21	scale: 1:5 @ A4	rev: -
<p>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</p>				

Corium projecting brick tiles, 52mm thick to provide a 20mm projection. Visible face dimensions of 65x215mm to suit standard UK brick dimensions.

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.

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.

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.

Double aluminium support bracket.

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

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.

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

Cement particle board fixed back to SFS.

Single aluminium support bracket.

20


15 min.

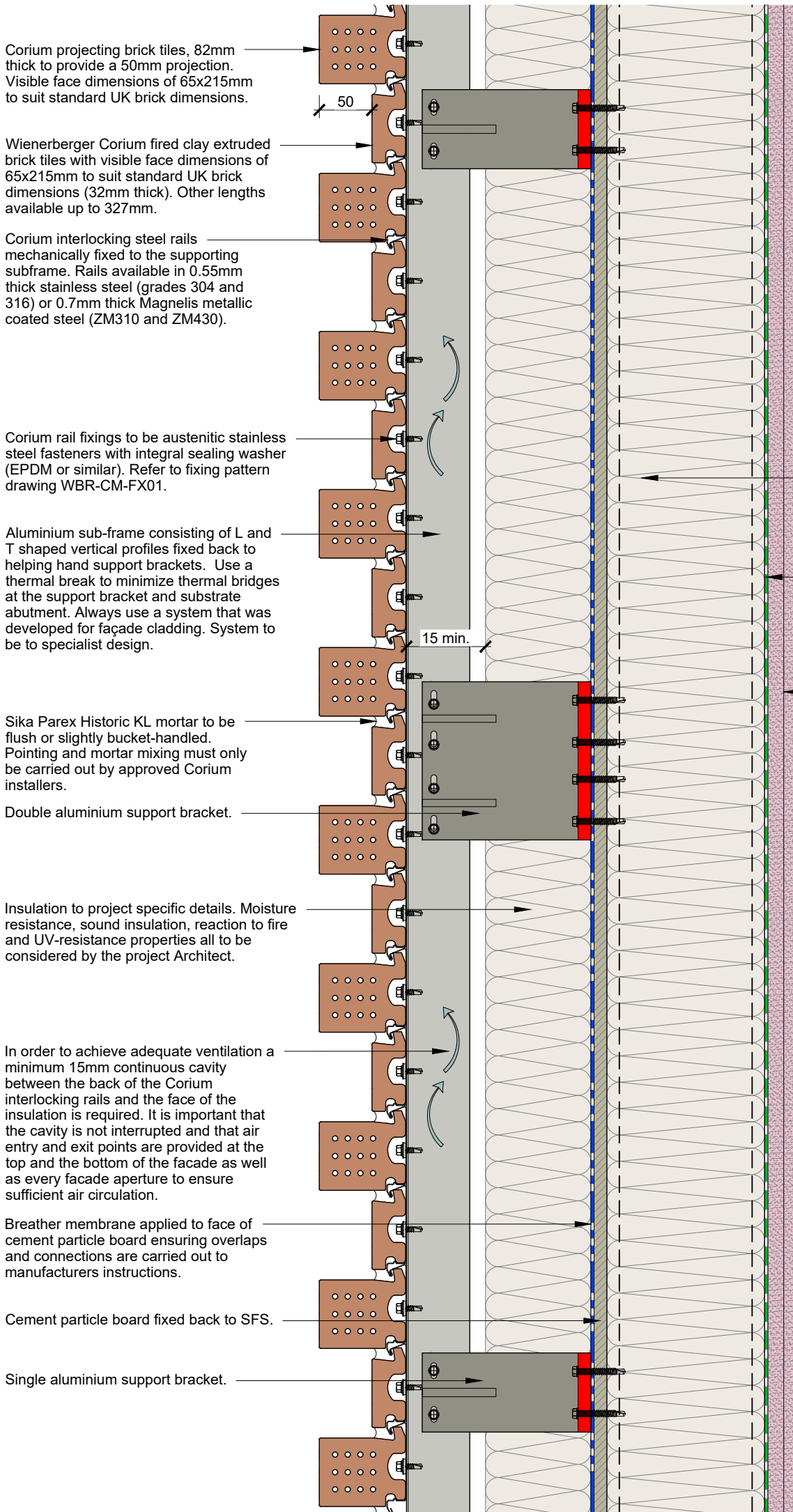
SFS with insulation between studs to project Architect specification and details.

Vapour control layer installed to manufacturers instructions.

Typical internal finish comprising of two layers of 15mm plasterboard with plaster skim finish.

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

				
title: Typical Wall Build Up with 20mm Projecting Brick				
drg No: WBR-CM-SFS-65-S15				
drawn: JG	check: MF	date: 22/06/21	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				



Corium projecting brick tiles, 82mm thick to provide a 50mm projection. Visible face dimensions of 65x215mm to suit standard UK brick dimensions.

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.

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.

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.

Double aluminium support bracket.

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

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.

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

Cement particle board fixed back to SFS.

Single aluminium support bracket.

SFS with insulation between studs to project Architect specification and details.

Vapour control layer installed to manufacturers instructions.

Typical internal finish comprising of two layers of 15mm plasterboard with plaster skim finish.

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

title: Typical Wall Build Up with 50mm Projecting Brick				
drg No: WBR-CM-SFS-65-S16				
drawn: JG	check: MF	date: 22/06/21	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				

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.

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

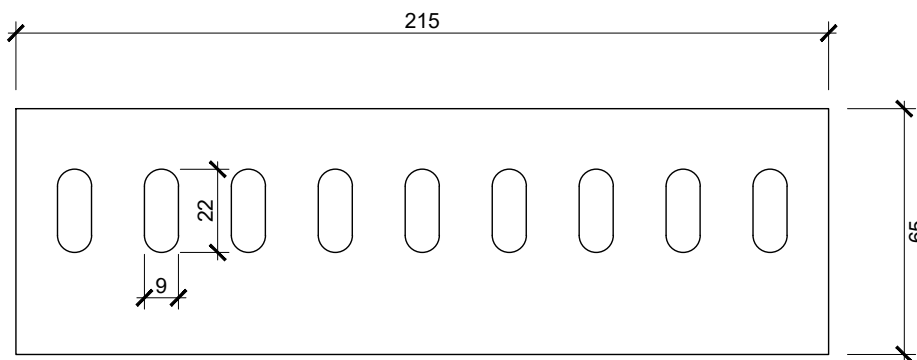
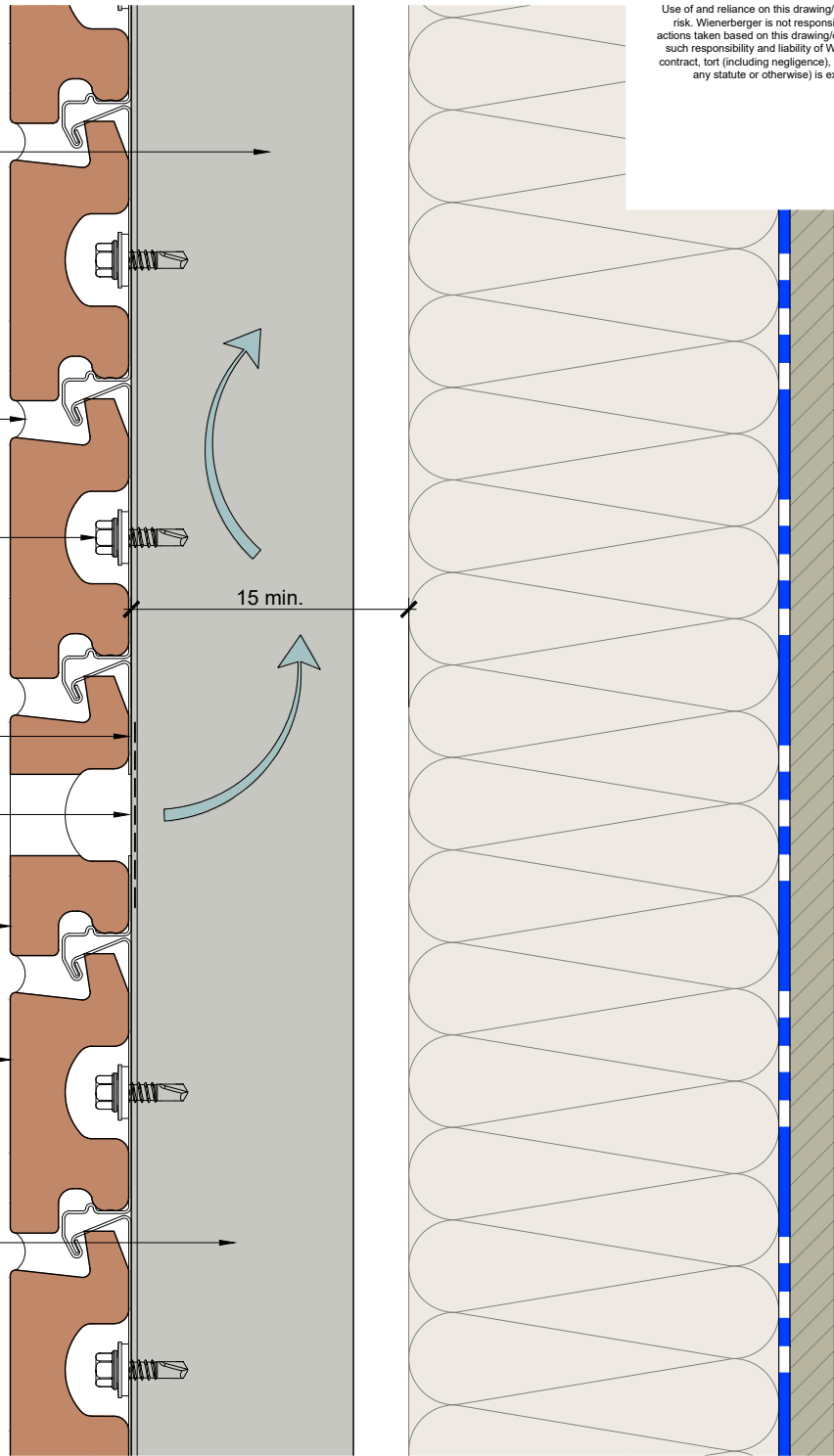
Stainless steel rails to be specified behind air brick tiles.

Steel backing sections need to be drilled with the equivalent free air space at the locations of the air bricks. Ventilation gap protected with insect mesh.

Corium CM.4 air brick tile. Holes provide approximately 1625mm² free area. Other free areas available subject to approval.

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.

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.



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

title: Air Brick Detail				
drg No: WBR-CM-SFS-65-S17				
drawn: JG	check: MF	date: 22/06/21	scale: 1:2 @ 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				