

CORIUM DISCLAIMER

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DRAWING NUMBER	REV	DRAWING TITLE	SCALE
WBR-CM-SFS-65-P01	-	Typical Wall Build Up (Plan Section)	1:5 @ A4
WBR-CM-SFS-65-P02	-	External Corner	1:5 @ A4
WBR-CM-SFS-65-P03	-	Internal Corner	1:5 @ A4
WBR-CM-SFS-65-P04	-	Window Jamb with Reveal Trim	1:5 @ A4
WBR-CM-SFS-65-P05	-	Window Jamb with Brick Reveal	1:5 @ A4
WBR-CM-SFS-65-P06	-	Vertical Movement Joint Detail - Corium System	1:2 @ A4
WBR-CM-SFS-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-SFS-001

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



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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.

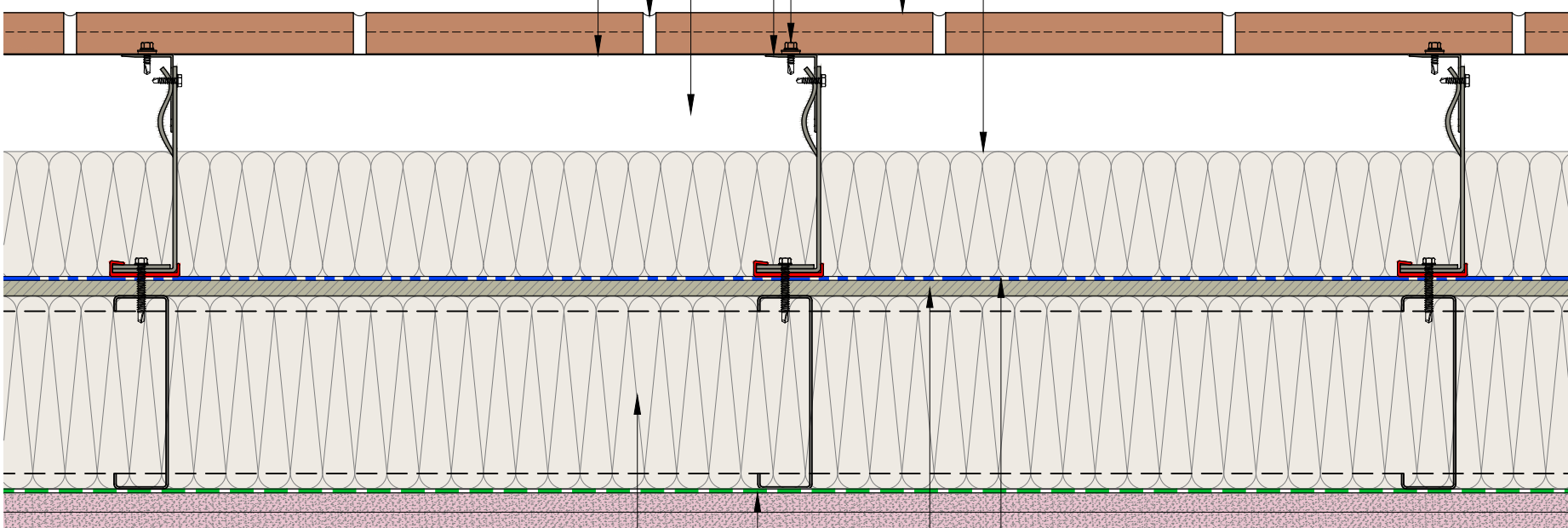
Corium interlocking steel rails mechanically fixed to the supporting subframe. Rails available in 0.55mm thick stainless steel (grades 304 and 316) or 0.7mm thick Magnelis metallic coated steel (ZM310 and ZM430).

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.



SFS with full fill insulation between studs.

Vapour control layer installed to manufacturers instructions.

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

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.

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

Corium

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

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

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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).

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.

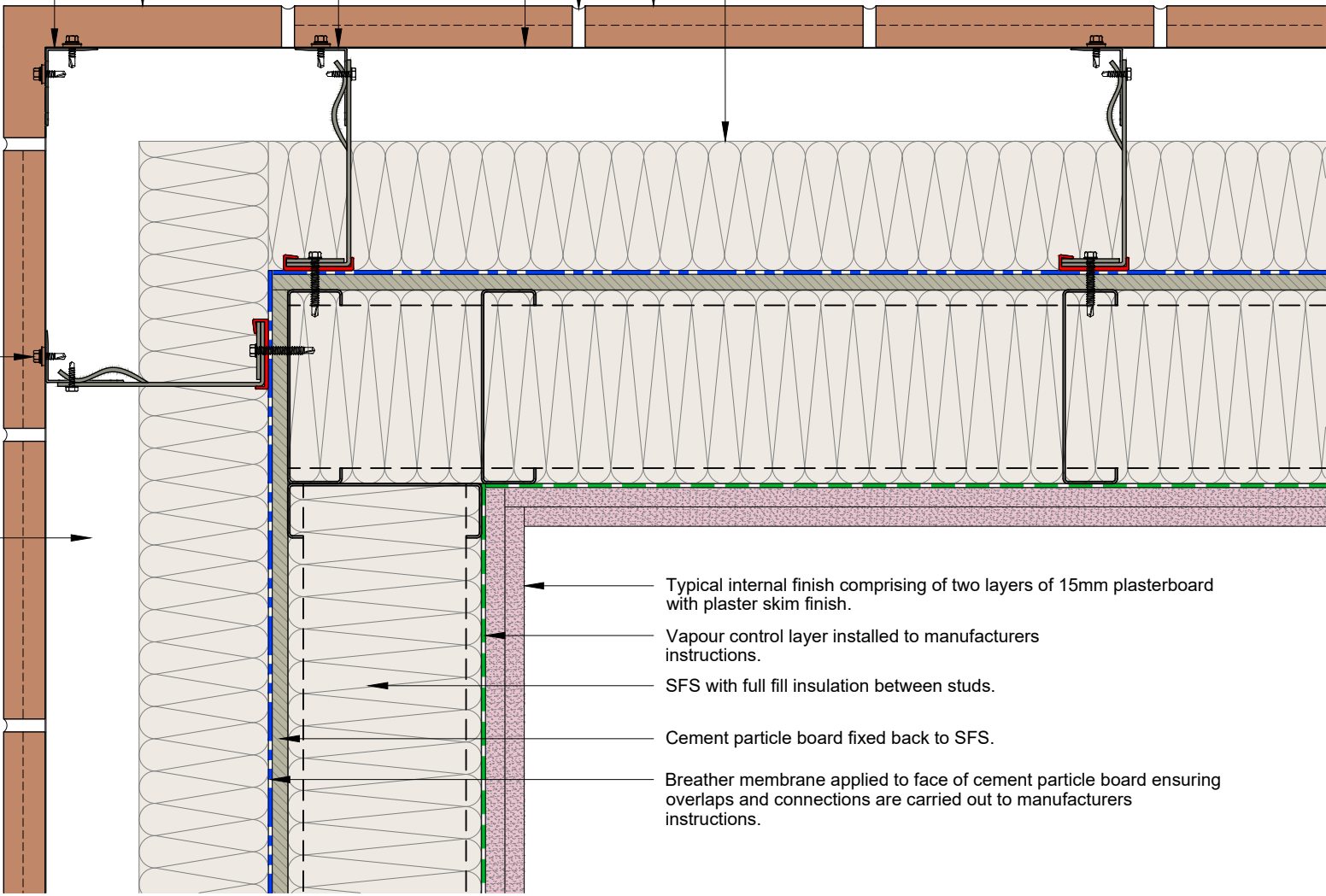
Corium corner unit. Left Hand and Right Hand versions available to maintain bond pattern around corner.

Corner angle to support system designer 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.



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

Vapour control layer installed to manufacturers instructions.

SFS with full fill insulation between studs.

Cement particle board fixed back to SFS.

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

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



title:
External Corner

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

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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).

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.

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

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.

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

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.

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 SFS

SFS with full fill insulation between studs.

Vapour control layer installed to manufacturers instructions.

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

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.

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-SFS-65-P04

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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 SFS

SFS with full fill insulation between studs.

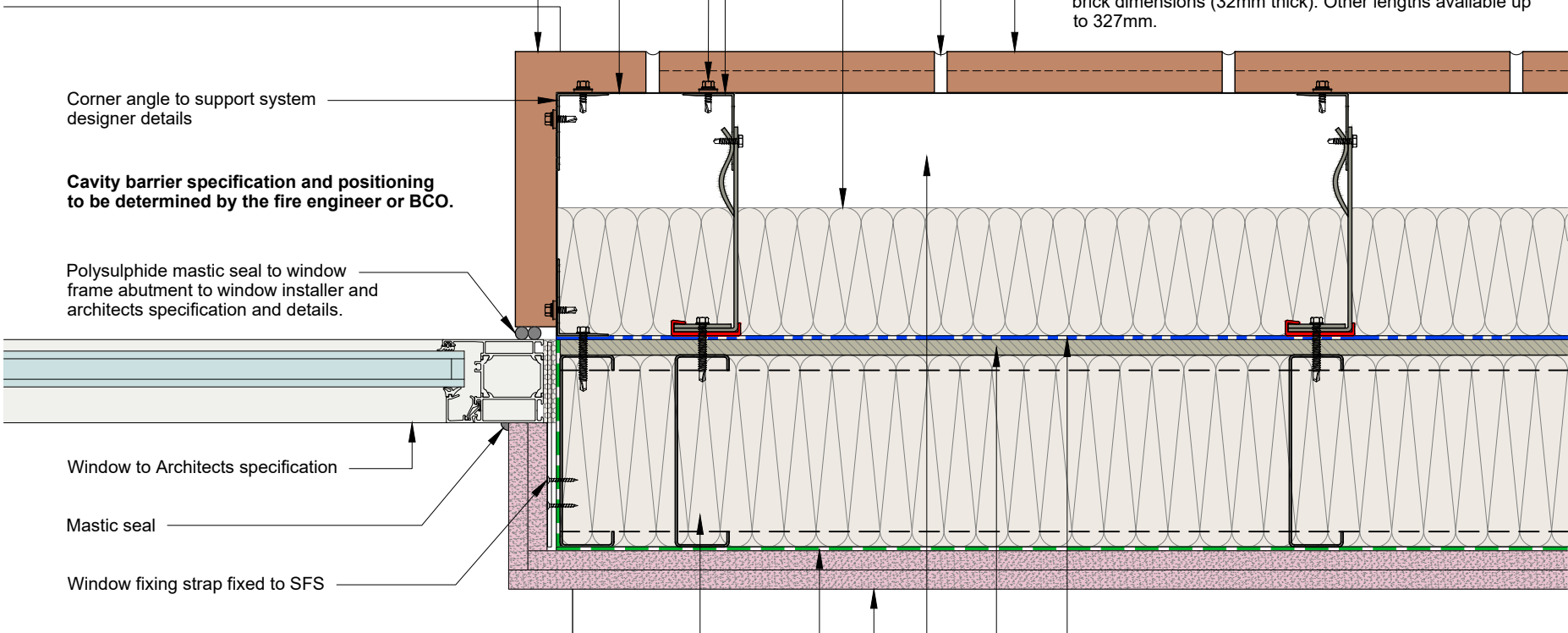
Vapour control layer installed to manufacturers instructions.

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

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.

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-SFS-65-P05

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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.

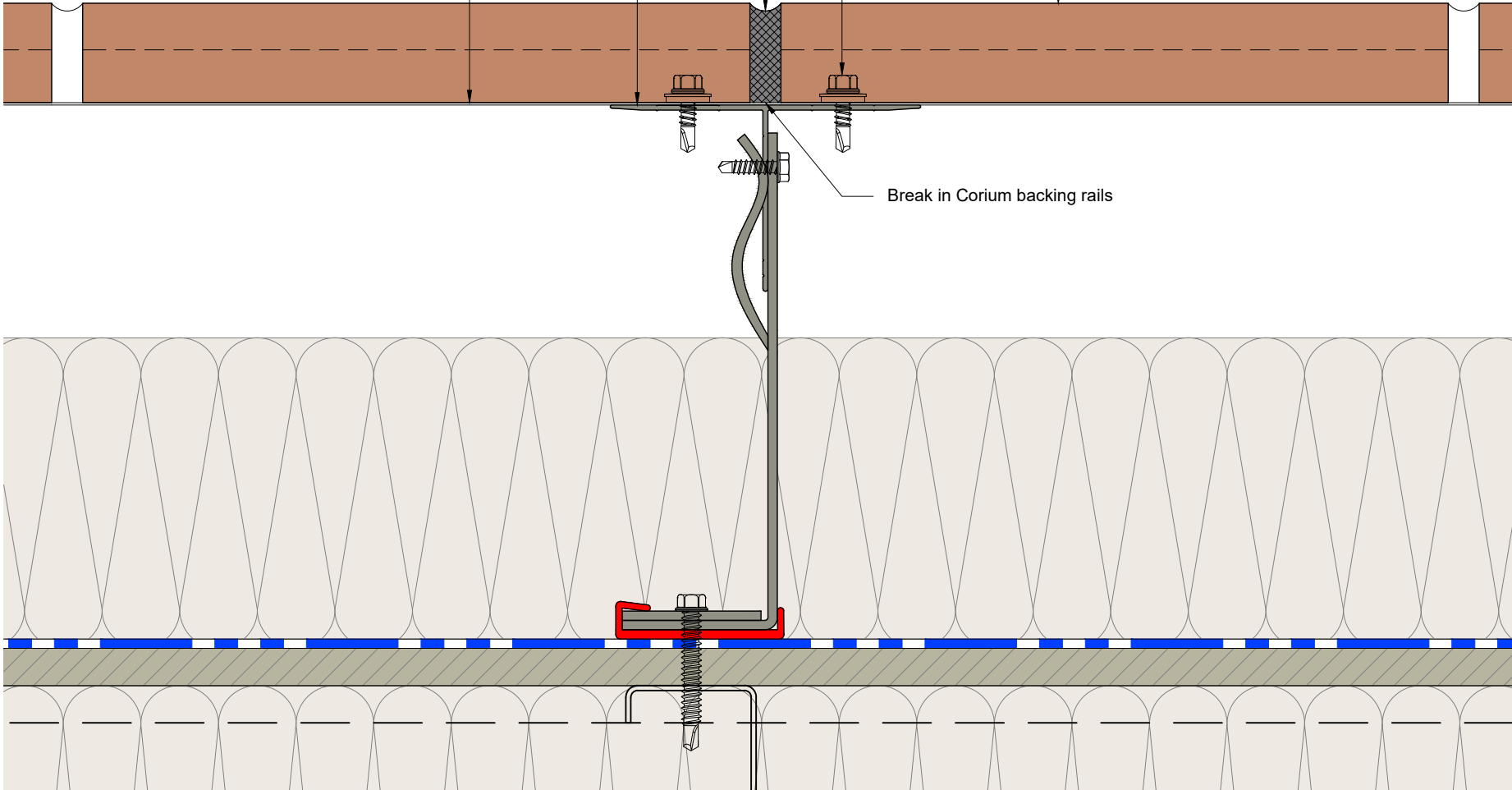
Vertical movement joint. Movement joint dimensions and spacing are project specific and to be determined by the project structural engineer. Mastic sealant with aerofill or similar to be used.

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:



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

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

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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.

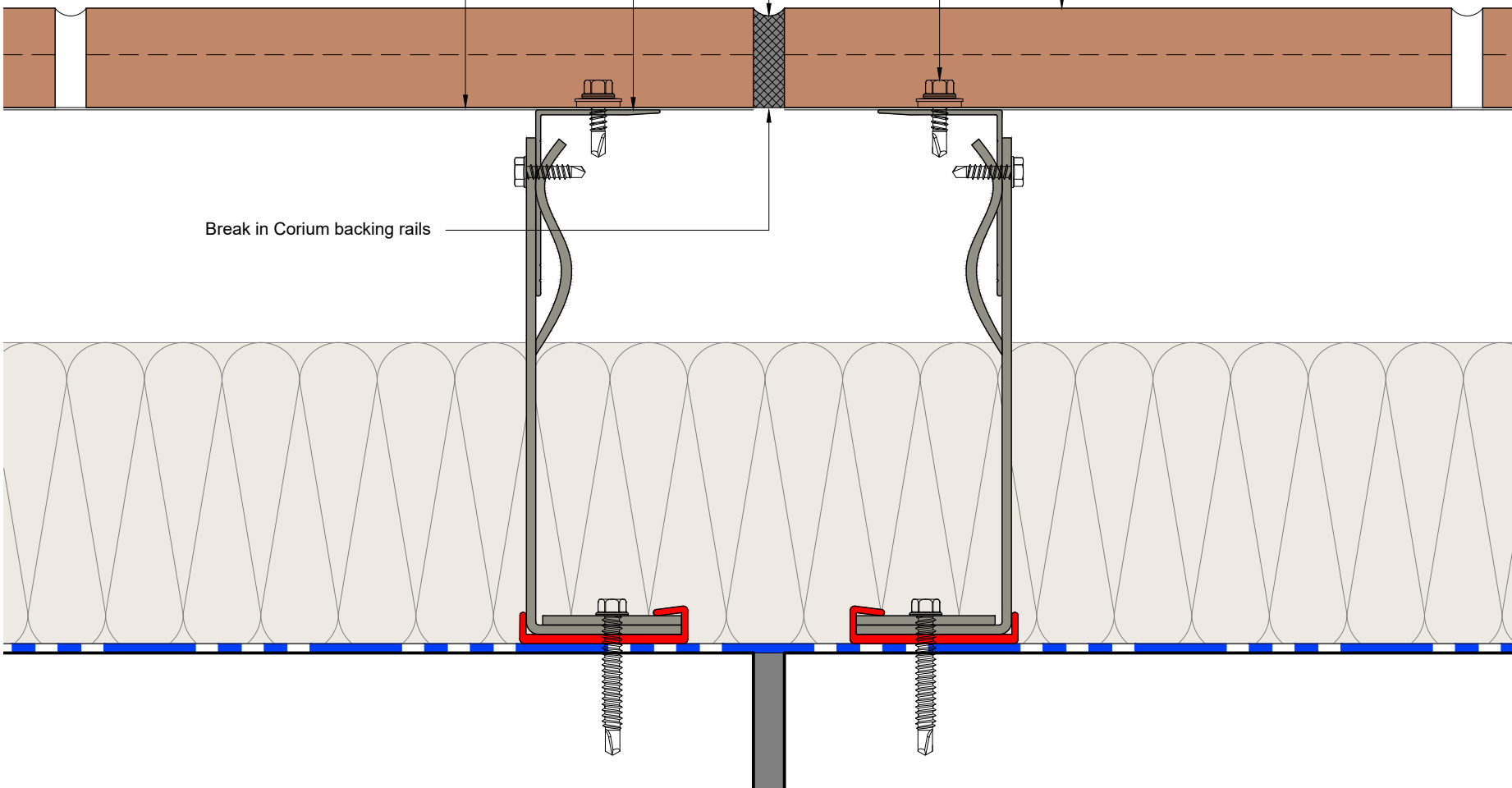
Vertical movement joint. Movement joints in the structure of the building should be carried through to the face of the cladding. Movement joint dimensions and spacing are project specific and to be determined by the project structural engineer. Mastic sealant with aerofil or similar to be used.

Corium 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 - Structural**

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

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