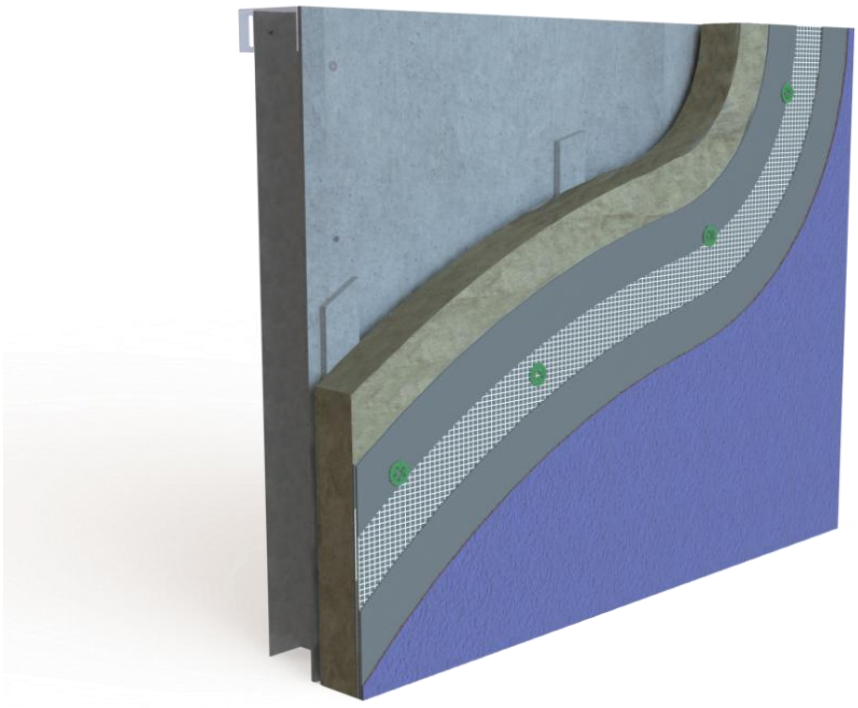
SPS Envirowall EWI System
Typical Details : CS1 to Framed Structures (LGSF)



SPS Envirowall Ltd
Lonsdale Chambers
Lonsdale Street, Stoke-on-Trent
Staffordshire
ST4 4BT
technical@spsenvirowall.co.uk
0800 6124662

System:	CS1 cavity system
Insulation:	Mineral Wool EWI Slab
System Finish:	Envirosil Silicone Topcoat Finish
	Enviromin Mineral Topcoat Finish
	Speedy Slip Flexible Brick Slip Finish
Accreditation:	KIWA BDA – Certificate Ref: BAW-21-224-S-A-UK
Naming Sequence	Typical Details, CS1, Steel frame, Mineral Wool, Render, 01, etc
Drawing Codes	TD-CS1-SFS-MW-R-01
ISO Reference	5212



Typical Image / Section through EWI System onto Sheathing Board

GENERAL NOTES

This document is intended as a design guidance documentation and to assist the Project design team in producing the respective documentation for any project under consideration or installation. To be read with Relevant M21 Specification and accordance with Benx SPS Envirowall (SPSE) Installation instructions and good practice guidelines.

As manufacturers/suppliers Benx Technical is not privy to detailed contractual arrangements and documentation of individual projects and is therefore not in a position to co-ordinate related work by others. It is not the intention for this draft to relate to any particular project, but to provide a guide to the more common items to encountered in construction assemblies incorporating Benx, SPS, and RCM products.

Finally please ensure that any amendments to Benx Technical draft specifications represent a true interpretation of the project designer's requirements.

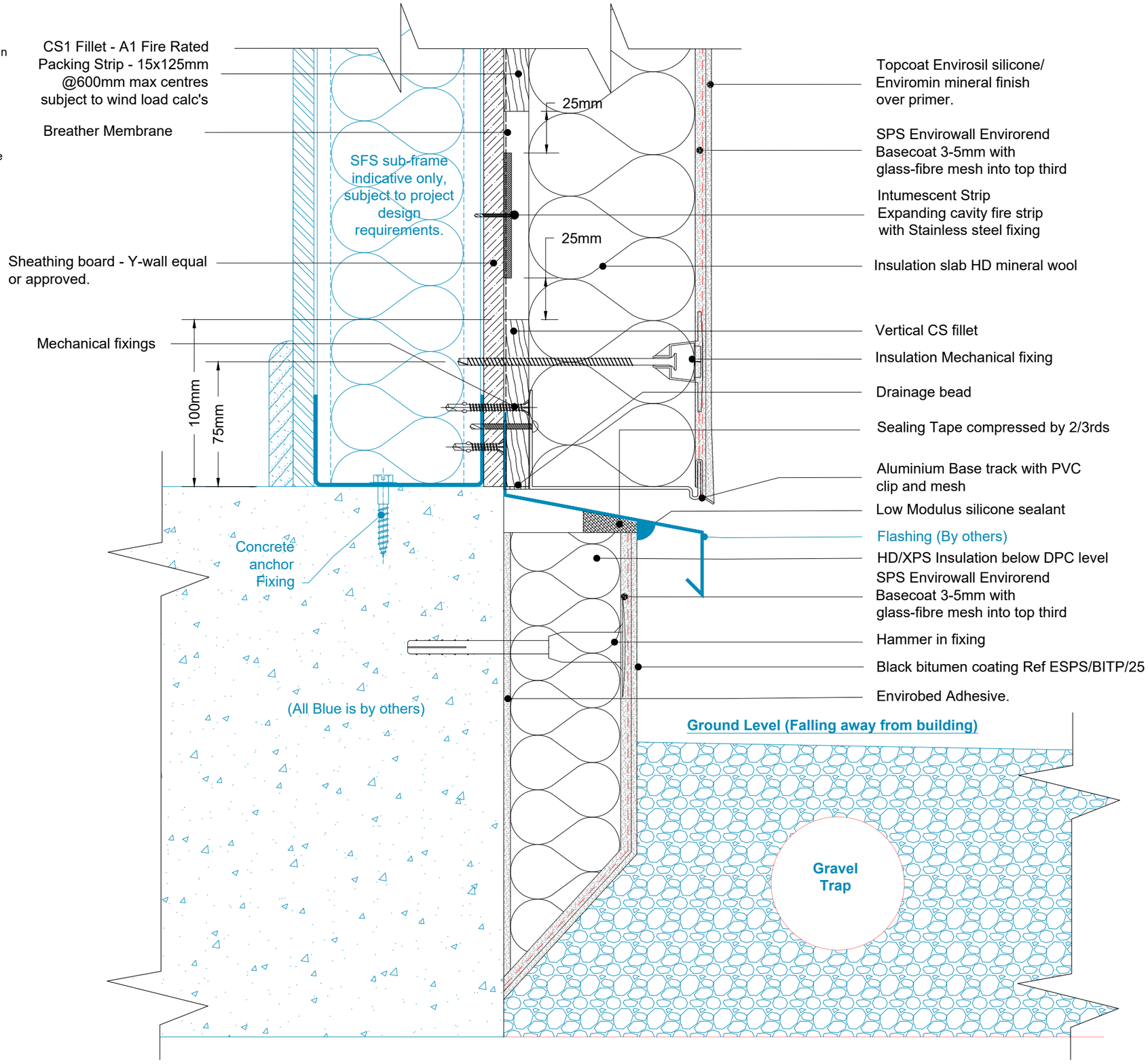
Benx Ltd, Lonsdale Chambers, Lonsdale Street,
Stoke-on-Trent
Staffordshire
ST4 4BT
Telephone: 0845 130 0983
Email: technicalservices@benx.co.uk

DRAWING REGISTER

PROJECT: CS1 Render drawings		ISSUE STATUS	I	I	I	I	I	I	I							
ISO Ref: 5212	System: CS1	ISSUE DATE	1/3/23	19/4/23	31/5/23	25/10/23	6/12/23	16/9/24	4/11/26							
DRAWING No.	DRAWING ID/Description															
TD-CS1-SFS-MW-R-01	Base Detail with flashing cover		A	B	B	C	D	D	D							
TD-CS1-SFS-MW-R-02	Base brick Detail with SFS overhang and flashing		A	B	B	C	C	C	C							
TD-CS1-SFS-MW-R-03	Base brick Detail with flashing		A	B	B	C	C	C	C							
TD-CS1-SFS-MW-R-04	Internal Corner		A	A	A	A	A	A	A							
TD-CS1-SFS-MW-R-05	Internal Corner with movement joint bead		A	A	A	A	A	A	A							
TD-CS1-SFS-MW-R-06	External Corner		A	A	A	A	A	A	A							
TD-CS1-SFS-MW-R-07	Brick work Abutment joint		A	A	A	A	A	A	A							
TD-CS1-SFS-MW-R-08	Abutment joint with other cladding		A	A	A	A	A	A	A							
TD-CS1-SFS-MW-R-09	joint with other cladding system		A	A	A	A	A	A	A							
TD-CS1-SFS-MW-R-10	Horizontal change of finish render and flexible brick slip		A	A	A	A	A	A	A							
TD-CS1-SFS-MW-R-11	Floor slab edge detail with firebreak, No deflection zone		A	A	A	A	A	A	A							
TD-CS1-SFS-MW-R-12	Recessed slab edge with movement joint		A	A	B	B	B	B	B							
TD-CS1-SFS-MW-R-13	Flush floor slab edge detail with movement joint		A	A	B	B	B	B	B							
TD-CS1-SFS-MW-R-14	Vertical Movement joint		A	A	A	A	A	A	A							
TD-CS1-SFS-MW-R-15	Vertical Fire break at party wall junction		A	B	B	B	B	B	B							
TD-CS1-SFS-MW-R-16	Plan detail at party wall junction		A	A	A	A	A	A	A							
TD-CS1-SFS-MW-R-17	Plan detail concrete section junction		A	A	A	A	A	A	A							
TD-CS1-SFS-MW-R-18	Window Cill with CS1 A1 fillet cavity closure		A	A	A	A	A	A	A							
TD-CS1-SFS-MW-R-19	Window Cill with cavity barrier closure		A	A	A	A	A	A	A							
TD-CS1-SFS-MW-R-20	Window Reveal with CS1 A1 fillet cavity closure		A	A	A	A	A	A	A							
TD-CS1-SFS-MW-R-21	Window Reveal with cavity barrier closure		A	A	A	A	A	A	A							
TD-CS1-SFS-MW-R-22	Window Reveal with window set back		A	A	A	A	A	A	A							
TD-CS1-SFS-MW-R-23	Window Reveal with window set forward		A	A	A	A	A	A	A							
TD-CS1-SFS-MW-R-24	Window Head with CS1 A1 fillet cavity closure		A	B	B	B	B	B	B							
TD-CS1-SFS-MW-R-25	Window Head with cavity barrier closure		A	B	B	B	B	B	B							
TD-CS1-SFS-MW-R-26	Soffit Detail		A	A	A	A	A	A	A							
TD-CS1-SFS-MW-R-27	Suspended soffit Detail		A	A	A	A	A	A	A							
TD-CS1-SFS-MW-R-28	Coping Detail		A	B	B	B	B	B	B							
TD-CS1-SFS-MW-R-28B	Coping Detail with Mineral wool cavity stop		-	-	A	A	A	A	A							
TD-CS1-SFS-MW-R-29	Light weight attachment fixing detail (Opt 1)		A	A	A	A	A	A	A							
TD-CS1-SFS-MW-R-30	Medium weight attachment fixing detail (Opt 2)		A	A	A	A	A	A	A							
TD-CS1-SFS-MW-R-31	Heavy duty mounting bracket		A	A	A	A	A	A	A							
TD-CS1-SFS-MW-R-32	Boiler flue or extract fan detail		A	A	A	A	A	A	A							
TD-CS1-SFS-MW-R-33	Pipe or cable detail		A	A	A	A	A	A	A							
TD-CS1-SFS-MW-R-34	Fixing Pattern Through Meshed Basecoat		A	A	A	A	B	B	B							
TD-CS1-SFS-MW-R-35	stress Patches		A	A	A	A	A	A	A							
TD-CS1-SFS-MW-R-36	Fillet fixing details		A	A	A	A	A	A	A							
TD-CS1-SFS-MW-R-37	Fillet fixing details around small window		-	A	A	A	A	B	C							
TD-CS1-SFS-MW-R-38	Fillet fixing details around window		-	A	A	A	A	B	B							
ISSUED TO:																
DATE:	04/11/2026															

Note:

1. The EWI system illustrated are based on a typical system - All insulation thickness, mechanical fixing, beads trims, sealants to be in line with and refer to project M21 specification.
2. All main sheathing board joints to be sealed with RCM tape + Dafa tape.
3. Fixing patterns to be confirmed, subject to project wind loading, refer to project M21 specification.
4. Movement joint within the system and structure please refer to guidance note within M21 specification.



benx the future of façades
sps envirowall TOTAL FAÇADE SOLUTIONS
RCM BUILDING BOARDS & FACADES

Benx Ltd, Lonsdale Chambers,
Lonsdale Street,
Stoke-on-Trent
Staffordshire
ST4 4BT
Telephone: 0845 130 0983
Email:
technicalservices@benx.co.uk

All performance data & systems specifications are for systems constructed with materials & components as shown. The inclusion or substitution of any other manufactures materials or components invalidates both test data, system performance and compliance with CDM 2015. The information is provided and based upon details received,which are assumed to include all the relevant facts and data. While it is believed to be correct, we accept no liability for its accuracy, adequacy or completeness. Recipients must satisfy themselves as to its suitability as we do not accept responsibility for any claims or consequential loss. Acceptance of the content and subsequent design responsibility rests entirely with the recipients. Any subsequent design changes that affect the detail which we are not informed of in a written format will void this detail. None of the content may be copied without the prior approval from the Benx Group Technical Services Department. This statement should be read in conjunction with the standard terms and conditions of Benx Group.

REV	DATE	NOTE	BY
A	06/12/22	First Issue	AG
B	23/03/23	Intumescent Strip added	AG
C	25/10/23	Vertical CS fillet note added	AG
D	06/12/23	Granol therm removed	AG

STATUS: INFORMATION

PROJECT: TYPICAL DETAILS CS1 ISO No: 5212

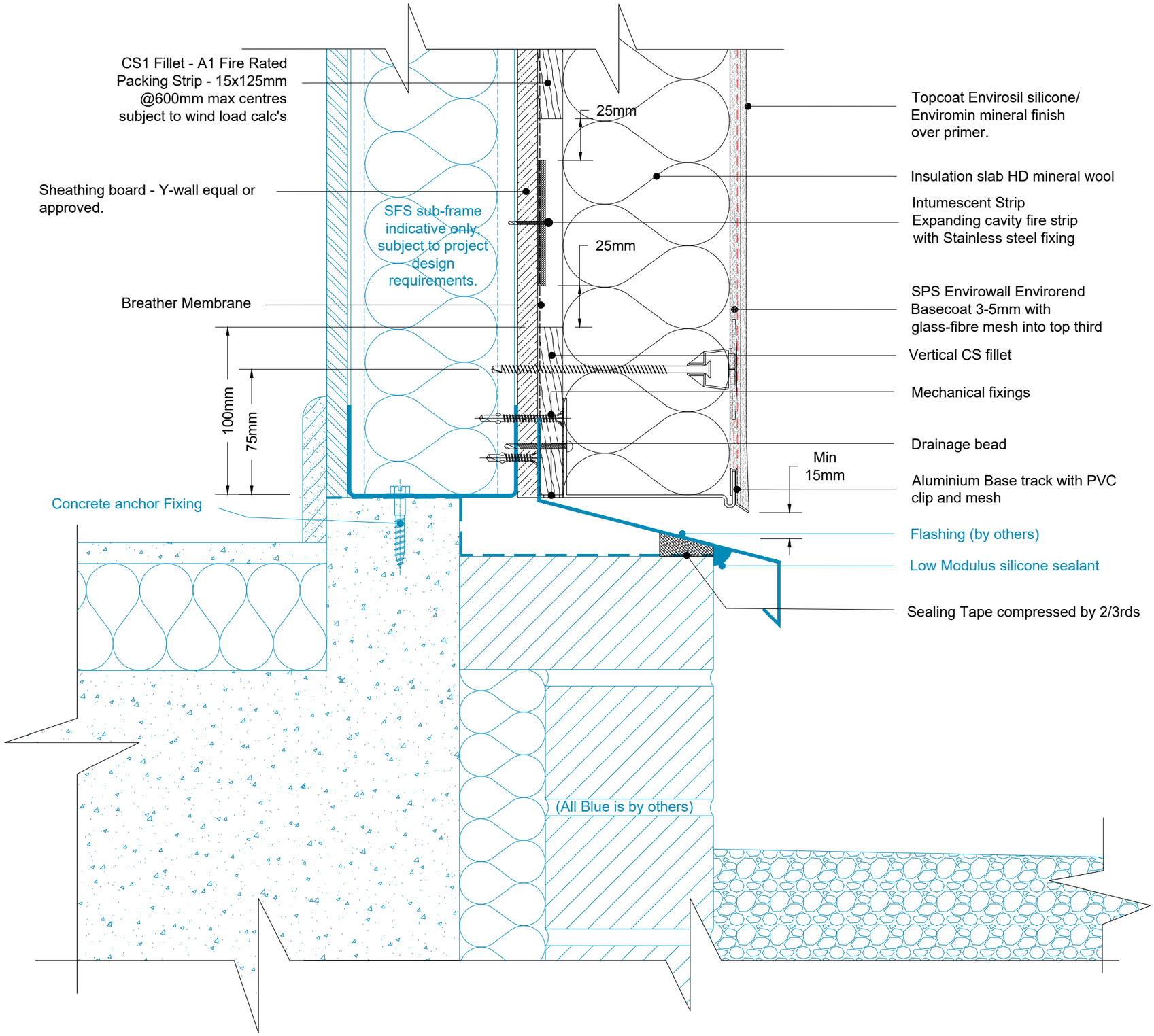
DRAWING No: TD-CS1-SFS-MW-R-01

DESCRIPTION: BASE DETAIL WITH FLASHING COVER

DRAWN: AG
CHECK: DS
NTS@A3
DATE: Nov 22
REV: D

Note:

1. The EWI system illustrated are based on a typical system - All insulation thickness, mechanical fixing, beads trims, sealants to be in line with and refer to project M21 specification.
2. All main sheathing board joints to be sealed with RCM tape + Dafa tape.
3. Fixing patterns to be confirmed, subject to project wind loading, refer to project M21 specification.
4. Movement joint within the system and structure please refer to guidance note within M21 specification.



benx
the future of façades
sps envirowall
RCM

Benx Ltd, Lonsdale Chambers,
Lonsdale Street,
Stoke-on-Trent
Staffordshire
ST4 4BT
Telephone: 0845 130 0983
Email:
technicalservices@benx.co.uk

All performance data & systems specifications are for systems constructed with materials & components as shown. The inclusion or substitution of any other manufactures materials or components invalidates both test data, system performance and compliance with CDM 2015. The information is provided and based upon details received,which are assumed to include all the relevant facts and data. While it is believed to be correct, we accept no liability for its accuracy, adequacy or completeness. Recipients must satisfy themselves as to its suitability as we do not accept responsibility for any claims or consequential loss. Acceptance of the content and subsequent design responsibility rests entirely with the recipients. Any subsequent design changes that affect the detail which we are not informed of in a written format will void this detail. None of the content may be copied without the prior approval from the Benx Group Technical Services Department. This statement should be read in conjunction with the standard terms and conditions of Benx Group.

REV	DATE	NOTE	BY
A	06/12/22	First Issue	AG
B	23/03/23	Intumescent Strip added	AG
C	25/10/23	Vertical CS fillet note added	AG

STATUS: INFORMATION

PROJECT: TYPICAL DETAILS CS1 ISO No: 5212

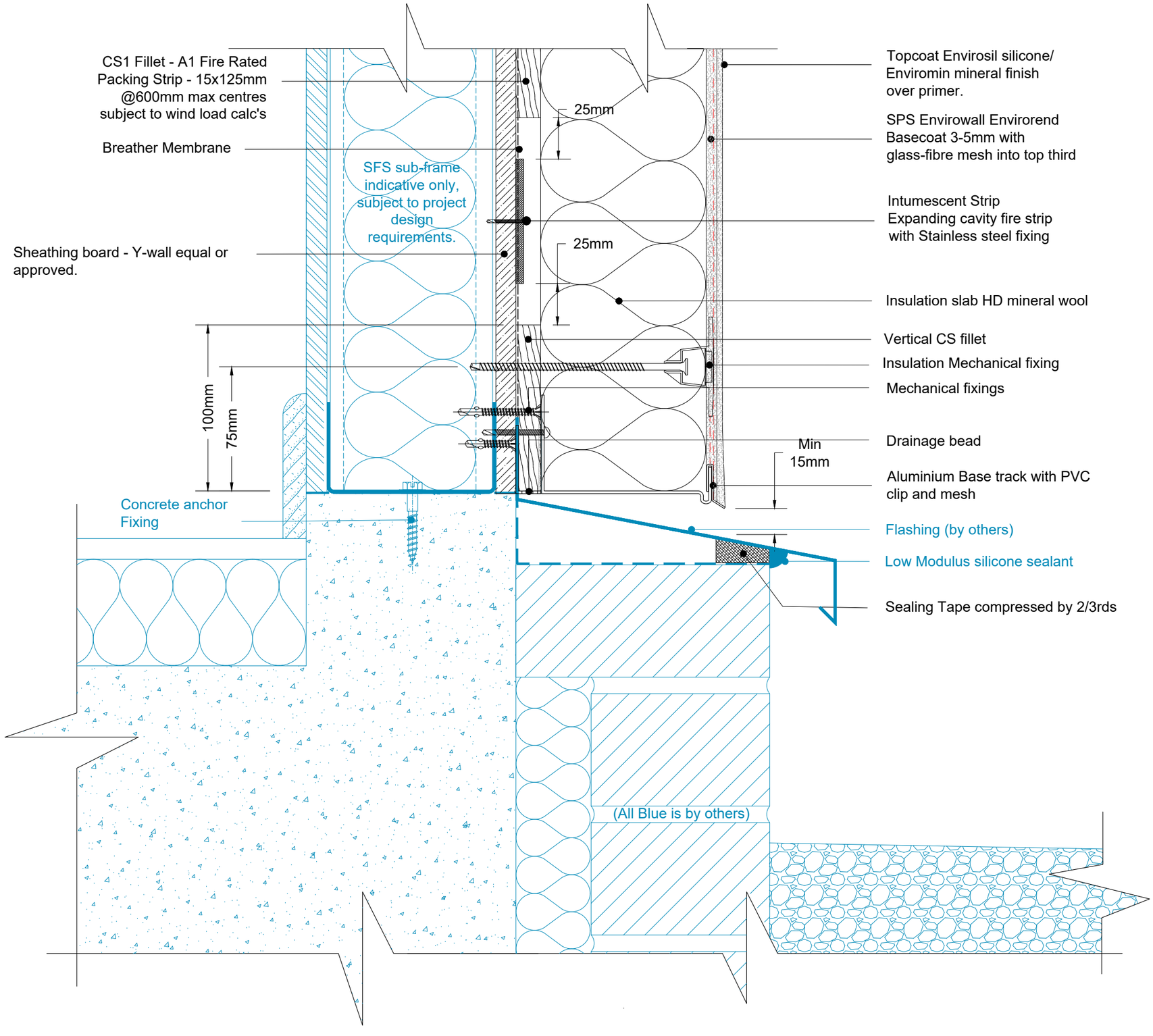
DRAWING No: TD-CS1-SFS-MW-R-02

DESCRIPTION: BASE BRICK DETAIL WITH SFS OVERHANG AND FLASHING

DRAWN: AG
CHECK: DS
NTS@A3
DATE: Nov 22
REV: C

Note:

1. The EWI system illustrated are based on a typical system - All insulation thickness, mechanical fixing, beads trims, sealants to be in line with and refer to project M21 specification.
2. All main sheathing board joints to be sealed with RCM tape + Dafa tape.
3. Fixing patterns to be confirmed, subject to project wind loading, refer to project M21 specification.
4. Movement joint within the system and structure please refer to guidance note within M21 specification.



benx
the future of façades
sps envirowall
RCM

Benx Ltd, Lonsdale Chambers,
Lonsdale Street,
Stoke-on-Trent
Staffordshire
ST4 4BT
Telephone: 0845 130 0983
Email:
technicalservices@benx.co.uk

All performance data & systems specifications are for systems constructed with materials & components as shown. The inclusion or substitution of any other manufactures materials or components invalidates both test data, system performance and compliance with CDM 2015. The information is provided and based upon details received,which are assumed to include all the relevant facts and data. While it is believed to be correct, we accept no liability for its accuracy, adequacy or completeness. Recipients must satisfy themselves as to its suitability as we do not accept responsibility for any claims or consequential loss. Acceptance of the content and subsequent design responsibility rests entirely with the recipients. Any subsequent design changes that affect the detail which we are not informed of in a written format will void this detail. None of the content may be copied without the prior approval from the Benx Group Technical Services Department. This statement should be read in conjunction with the standard terms and conditions of Benx Group.

REV	DATE	NOTE	BY
A	06/12/22	First Issue	AG
B	23/03/23	Intumescent Strip added	AG
C	25/10/23	Vertical CS fillet note added	AG

STATUS: INFORMATION

PROJECT: TYPICAL DETAILS CS1 ISO No: 5212

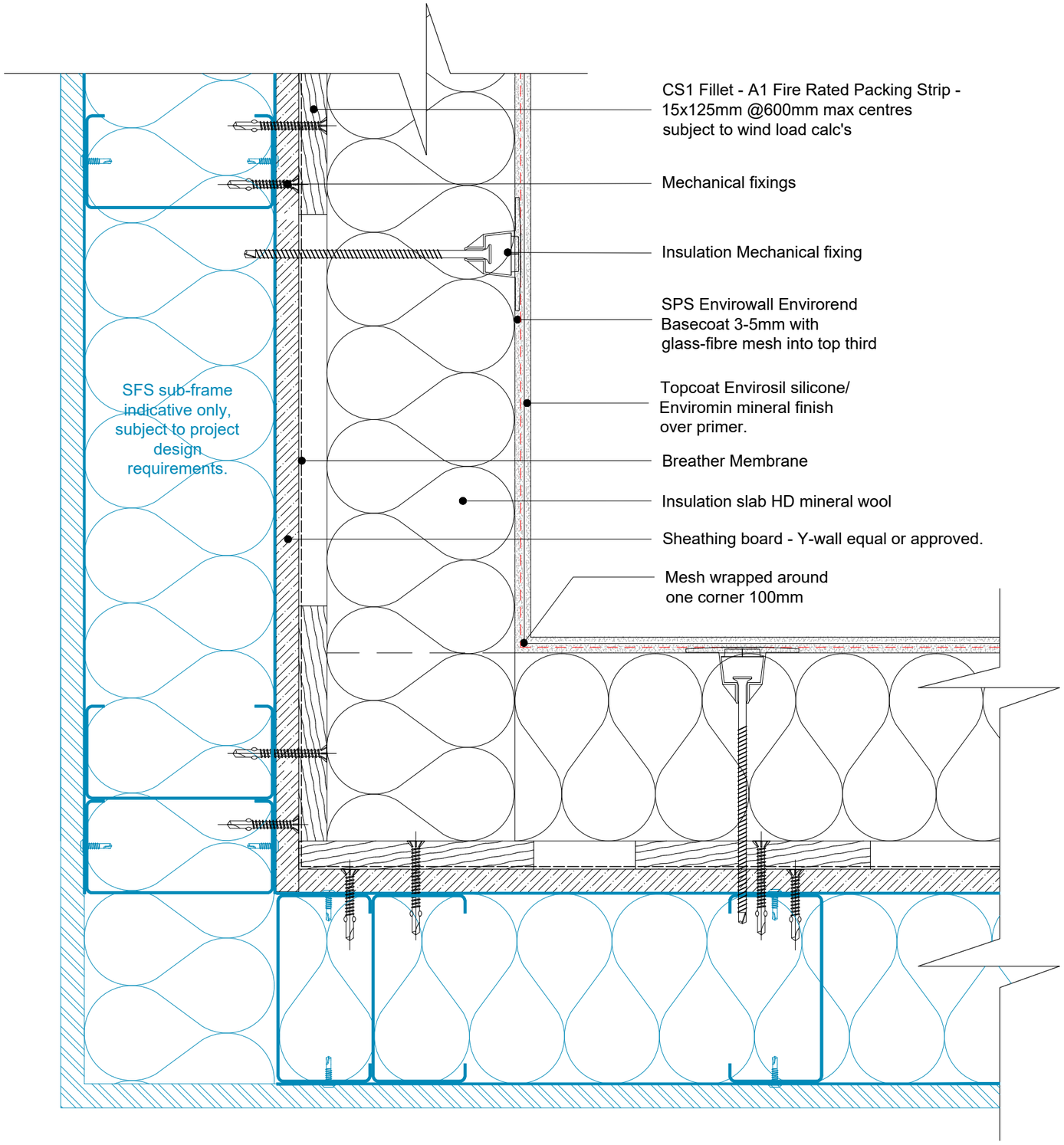
DRAWING No: TD-CS1-SFS-MW-R-03

DESCRIPTION: BASE BRICK DETAIL WITH FLASHING COVER

DRAWN: AG
CHECK: DS
NTS@A3
DATE: Nov 22
REV: C

Note:

1. The EWI system illustrated are based on a typical system - All insulation thickness, mechanical fixing, beads trims, sealants to be in line with and refer to project M21 specification.
2. All main sheathing board joints to be sealed with RCM tape + Dafa tape.
3. Fixing patterns to be confirmed, subject to project wind loading, refer to project M21 specification.
4. Movement joint within the system and structure please refer to guidance note within M21 specification.



benx
the future of façades
sps envirowall TOTAL FAÇADE SOLUTIONS
RCM BUILDING BOARDS & FACADES

Benx Ltd, Lonsdale Chambers,
Lonsdale Street,
Stoke-on-Trent
Staffordshire
ST4 4BT
Telephone: 0845 130 0983
Email:
technicalservices@benx.co.uk

All performance data & systems specifications are for systems constructed with materials & components as shown. The inclusion or substitution of any other manufactures materials or components invalidates both test data, system performance and compliance with CDM 2015. The information is provided and based upon details received,which are assumed to include all the relevant facts and data. While it is believed to be correct, we accept no liability for its accuracy, adequacy or completeness. Recipients must satisfy themselves as to its suitability as we do not accept responsibility for any claims or consequential loss. Acceptance of the content and subsequent design responsibility rests entirely with the recipients. Any subsequent design changes that affect the detail which we are not informed of in a written format will void this detail. None of the content may be copied without the prior approval from the Benx Group Technical Services Department. This statement should be read in conjunction with the standard terms and conditions of Benx Group.

REV	DATE	NOTE	BY
A	06/12/22	First Issue	AG

STATUS: INFORMATION

PROJECT: TYPICAL DETAILS CS1 ISO No: 5212

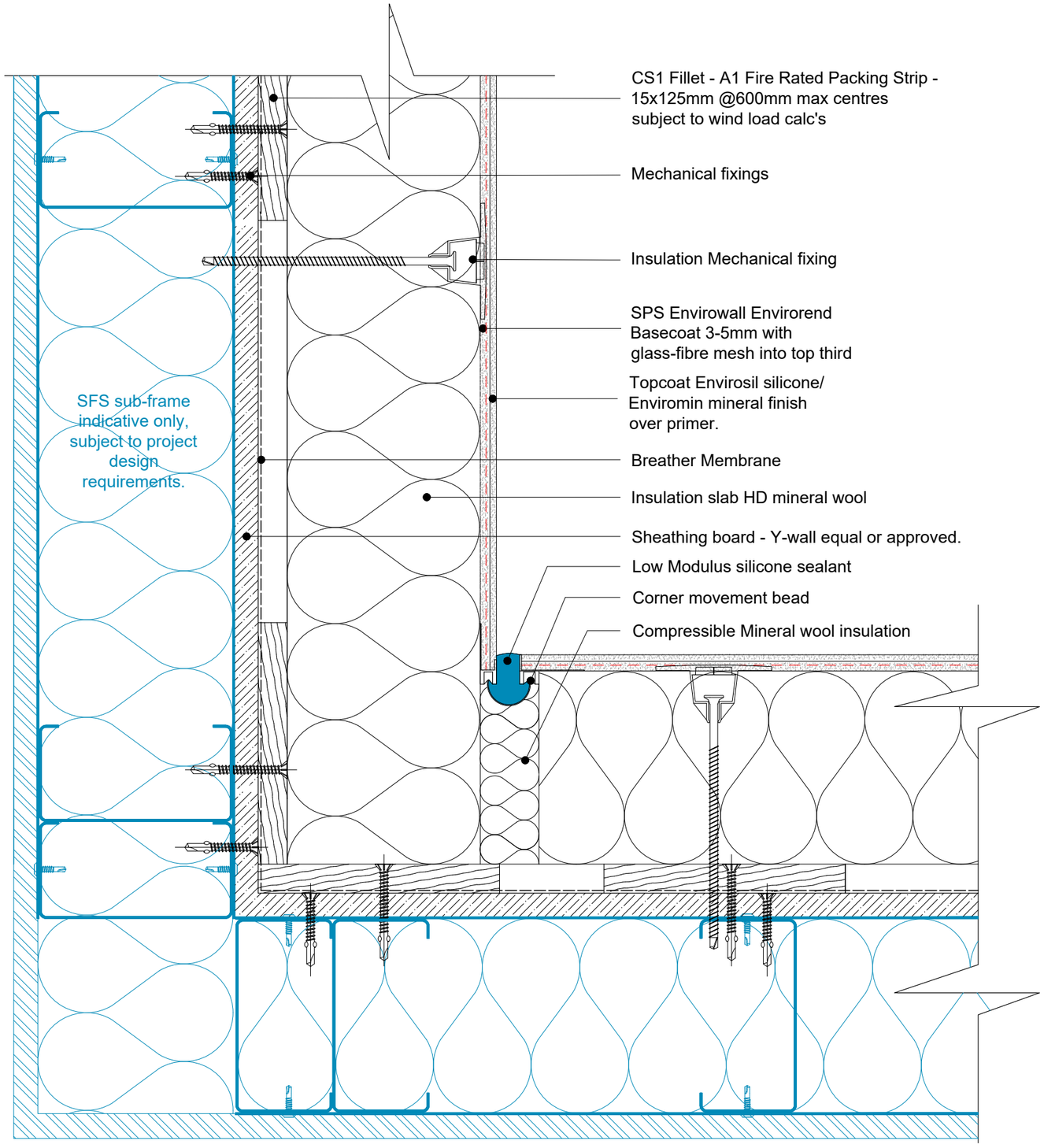
DRAWING No: TD-CS1-SFS-MW-R-04

DESCRIPTION: INTERNAL CORNER

DRAWN: AG
CHECK: DS
NTS@A3
DATE: Nov 22
REV: A

Note:

1. The EWI system illustrated are based on a typical system - All insulation thickness, mechanical fixing, beads trims, sealants to be in line with and refer to project M21 specification.
2. All main sheathing board joints to be sealed with RCM tape + Dafa tape.
3. Fixing patterns to be confirmed, subject to project wind loading, refer to project M21 specification.
4. Movement joint within the system and structure please refer to guidance note within M21 specification.



benx
the future of façades
sps envirowall TOTAL FACADE SOLUTIONS
RCM RAISING BOARDS & FACADES

Benx Ltd, Lonsdale Chambers,
Lonsdale Street,
Stoke-on-Trent
Staffordshire
ST4 4BT
Telephone: 0845 130 0983
Email:
technicalservices@benx.co.uk

All performance data & systems specifications are for systems constructed with materials & components as shown. The inclusion or substitution of any other manufactures materials or components invalidates both test data, system performance and compliance with CDM 2015. The information is provided and based upon details received,which are assumed to include all the relevant facts and data. While it is believed to be correct, we accept no liability for its accuracy, adequacy or completeness. Recipients must satisfy themselves as to its suitability as we do not accept responsibility for any claims or consequential loss. Acceptance of the content and subsequent design responsibility rests entirely with the recipients. Any subsequent design changes that affect the detail which we are not informed of in a written format will void this detail. None of the content may be copied without the prior approval from the Benx Group Technical Services Department. This statement should be read in conjunction with the standard terms and conditions of Benx Group.

REV	DATE	NOTE	BY
A	06/12/22	First Issue	AG

STATUS: INFORMATION

PROJECT: TYPICAL DETAILS CS1 ISO No: 5212

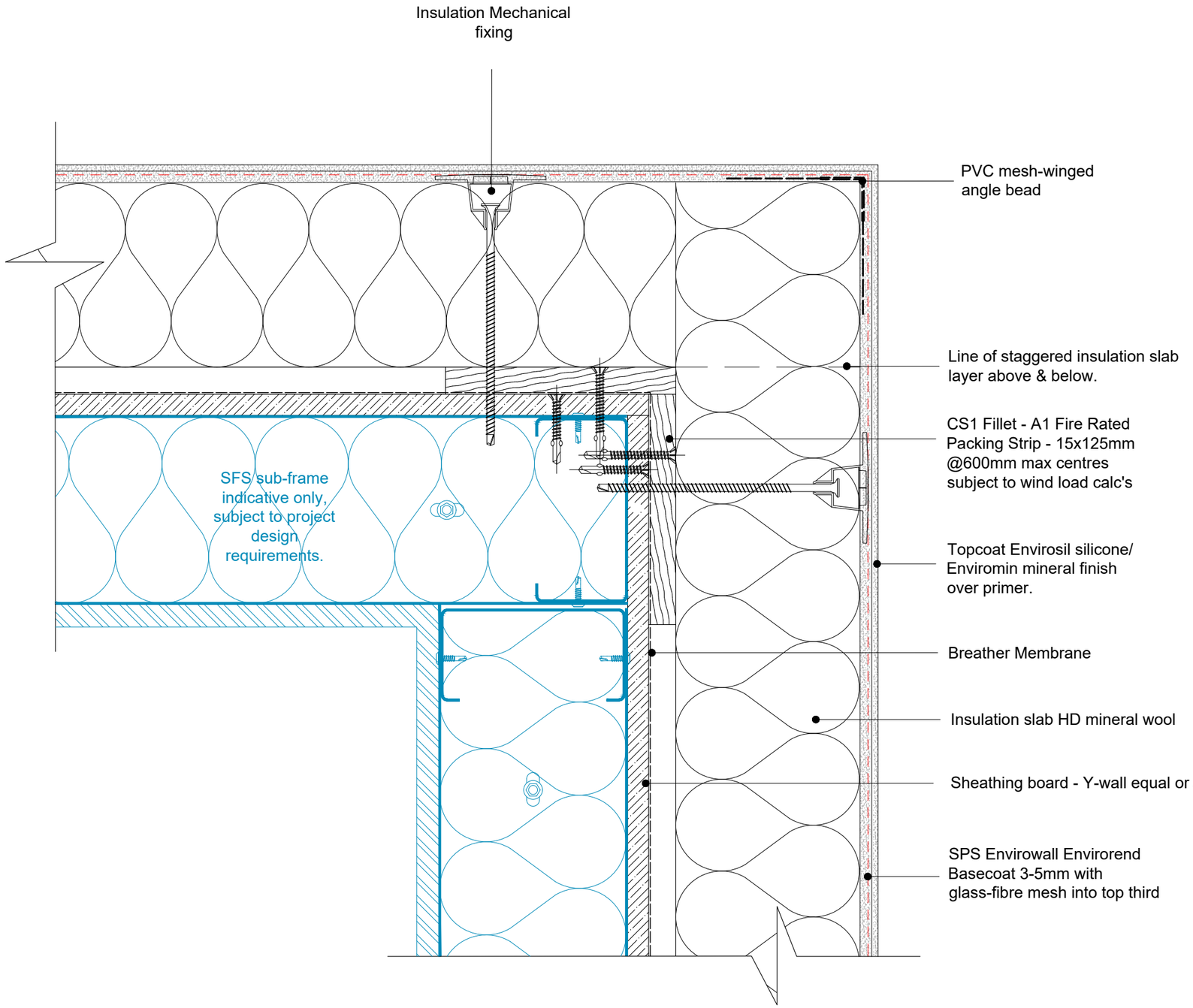
DRAWING No: TD-CS1-SFS-MW-R-05

DESCRIPTION: INTERNAL CORNER WITH MOVEMENT JOINT BEAD

DRAWN: AG
CHECK: DS
NTS@A3
DATE: Nov 22
REV: A

Note:

1. The EWI system illustrated are based on a typical system - All insulation thickness, mechanical fixing, beads trims, sealants to be in line with and refer to project M21 specification.
2. All main sheathing board joints to be sealed with RCM tape + Dafa tape.
3. Fixing patterns to be confirmed, subject to project wind loading, refer to project M21 specification.
4. Movement joint within the system and structure please refer to guidance note within M21 specification.



benx the future of façades
sps envirowall TOTAL FAÇADE SOLUTIONS
RCM BUILDING BOARDS & FACADES

Benx Ltd, Lonsdale Chambers,
Lonsdale Street,
Stoke-on-Trent
Staffordshire
ST4 4BT
Telephone: 0845 130 0983
Email:
technicalservices@benx.co.uk

All performance data & systems specifications are for systems constructed with materials & components as shown. The inclusion or substitution of any other manufactures materials or components invalidates both test data, system performance and compliance with CDM 2015. The information is provided and based upon details received,which are assumed to include all the relevant facts and data. While it is believed to be correct, we accept no liability for its accuracy, adequacy or completeness. Recipients must satisfy themselves as to its suitability as we do not accept responsibility for any claims or consequential loss. Acceptance of the content and subsequent design responsibility rests entirely with the recipients. Any subsequent design changes that affect the detail which we are not informed of in a written format will void this detail. None of the content may be copied without the prior approval from the Benx Group Technical Services Department. This statement should be read in conjunction with the standard terms and conditions of Benx Group.

REV	DATE	NOTE	BY
A	06/12/22	First Issue	AG

STATUS: INFORMATION

PROJECT: TYPICAL DETAILS CS1 — ISO No: 5212

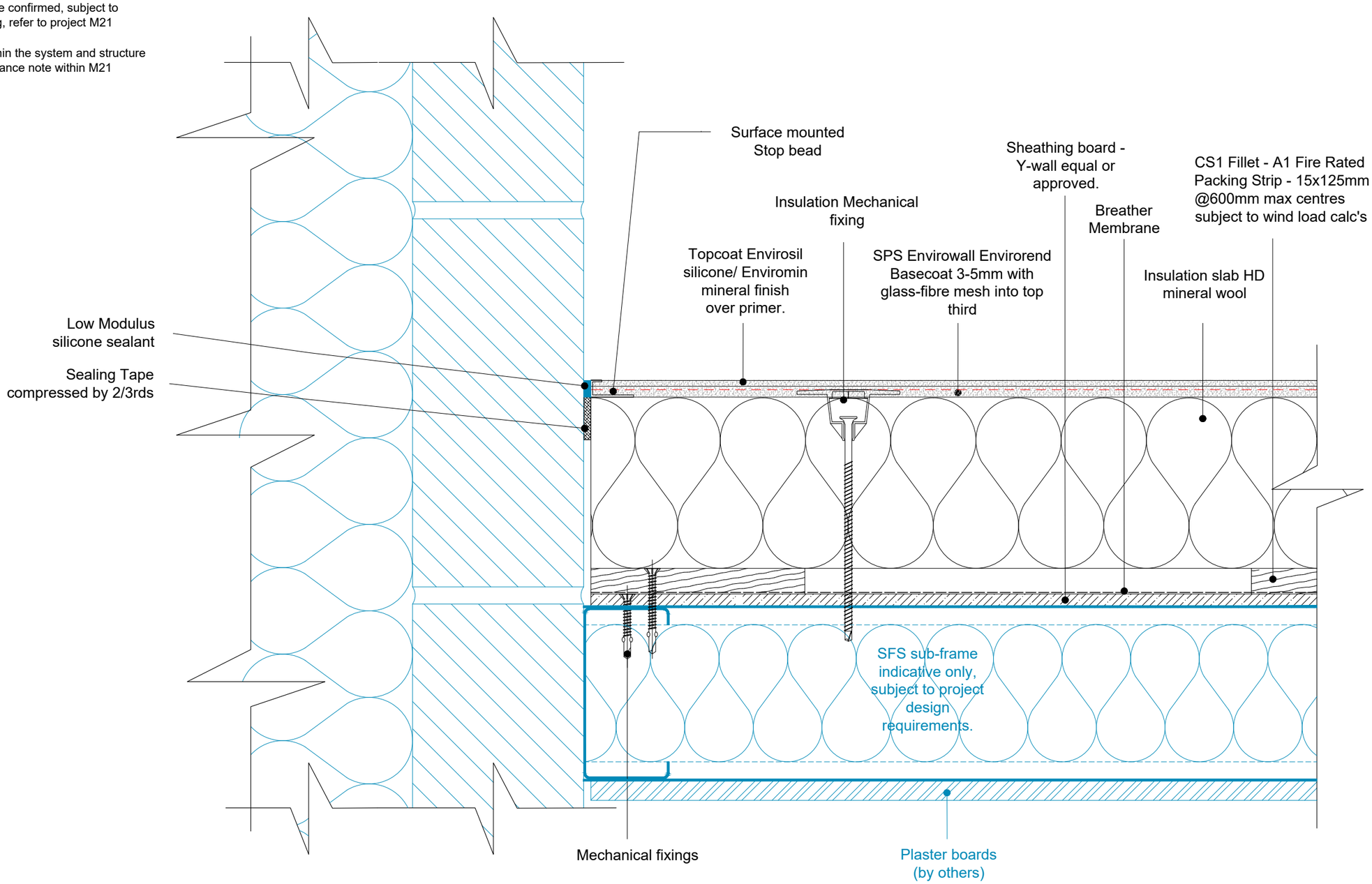
DRAWING No: TD-CS1-SFS-MW-R-06

DESCRIPTION: EXTERNAL CORNER

DRAWN: AG
CHECK: DS
NTS@A3
DATE: Nov 22
REV: A

Note:

1. The EWI system illustrated are based on a typical system - All insulation thickness, mechanical fixing, beads trims, sealants to be in line with and refer to project M21 specification.
2. All main sheathing board joints to be sealed with RCM tape + Dafa tape.
3. Fixing patterns to be confirmed, subject to project wind loading, refer to project M21 specification.
4. Movement joint within the system and structure please refer to guidance note within M21 specification.



benx
the future of façades
sps envirowall
RCM

Benx Ltd, Lonsdale Chambers,
Lonsdale Street,
Stoke-on-Trent
Staffordshire
ST4 4BT
Telephone: 0845 130 0983
Email:
technicalservices@benx.co.uk

All performance data & systems specifications are for systems constructed with materials & components as shown. The inclusion or substitution of any other manufactures materials or components invalidates both test data, system performance and compliance with CDM 2015. The information is provided and based upon details received,which are assumed to include all the relevant facts and data. While it is believed to be correct, we accept no liability for its accuracy, adequacy or completeness. Recipients must satisfy themselves as to its suitability as we do not accept responsibility for any claims or consequential loss. Acceptance of the content and subsequent design responsibility rests entirely with the recipients. Any subsequent design changes that affect the detail which we are not informed of in a written format will void this detail. None of the content may be copied without the prior approval from the Benx Group Technical Services Department. This statement should be read in conjunction with the standard terms and conditions of Benx Group.

REV	DATE	NOTE	BY
A	06/12/22	First Issue	AG

STATUS: INFORMATION

PROJECT: TYPICAL DETAILS CS1 ISO No: 5212

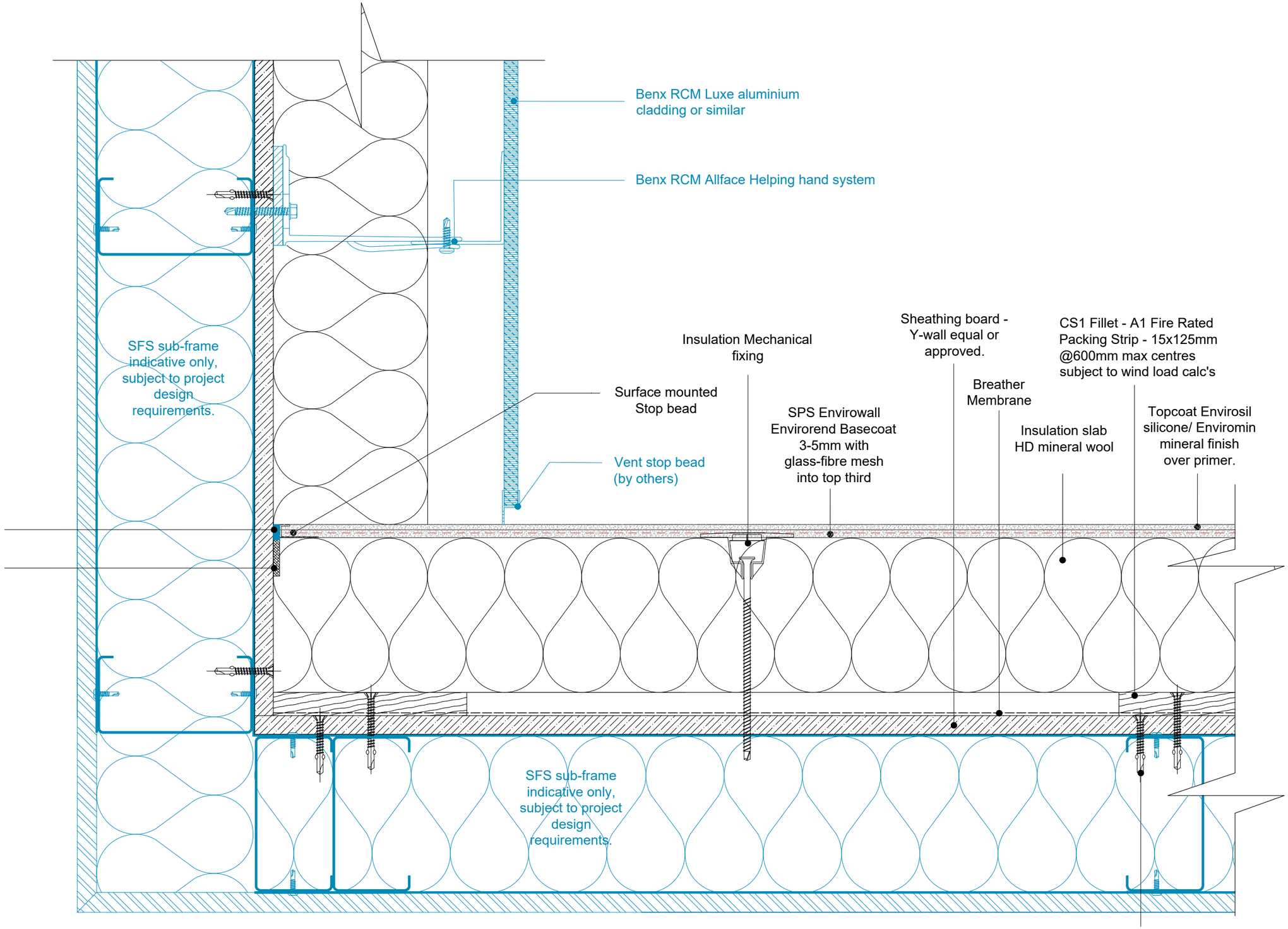
DRAWING No: TD-CS1-SFS-MW-R-07

DESCRIPTION: BRICK WORK ABUTMENT JOINT

DRAWN: AG
CHECK: DS
NTS@A3
DATE: Nov 22
REV: A

Note:

1. The EWI system illustrated are based on a typical system - All insulation thickness, mechanical fixing, beads trims, sealants to be in line with and refer to project M21 specification.
2. All main sheathing board joints to be sealed with RCM tape + Dafa tape.
3. Fixing patterns to be confirmed, subject to project wind loading, refer to project M21 specification.
4. Movement joint within the system and structure please refer to guidance note within M21 specification.



benx the future of façades
sps envirowall TOTAL FAÇADE SOLUTIONS
RCM BUILDING & FACADES

Benx Ltd, Lonsdale Chambers,
Lonsdale Street,
Stoke-on-Trent
Staffordshire
ST4 4BT
Telephone: 0845 130 0983
Email:
technicalservices@benx.co.uk

All performance data & systems specifications are for systems constructed with materials & components as shown. The inclusion or substitution of any other manufactures materials or components invalidates both test data, system performance and compliance with CDM 2015. The information is provided and based upon details received,which are assumed to include all the relevant facts and data. While it is believed to be correct, we accept no liability for its accuracy, adequacy or completeness. Recipients must satisfy themselves as to its suitability as we do not accept responsibility for any claims or consequential loss. Acceptance of the content and subsequent design responsibility rests entirely with the recipients. Any subsequent design changes that affect the detail which we are not informed of in a written format will void this detail. None of the content may be copied without the prior approval from the Benx Group Technical Services Department. This statement should be read in conjunction with the standard terms and conditions of Benx Group.

REV	DATE	NOTE	BY
A	06/12/22	First Issue	AG

STATUS: INFORMATION

PROJECT: TYPICAL DETAILS CS1 — ISO No: 5212

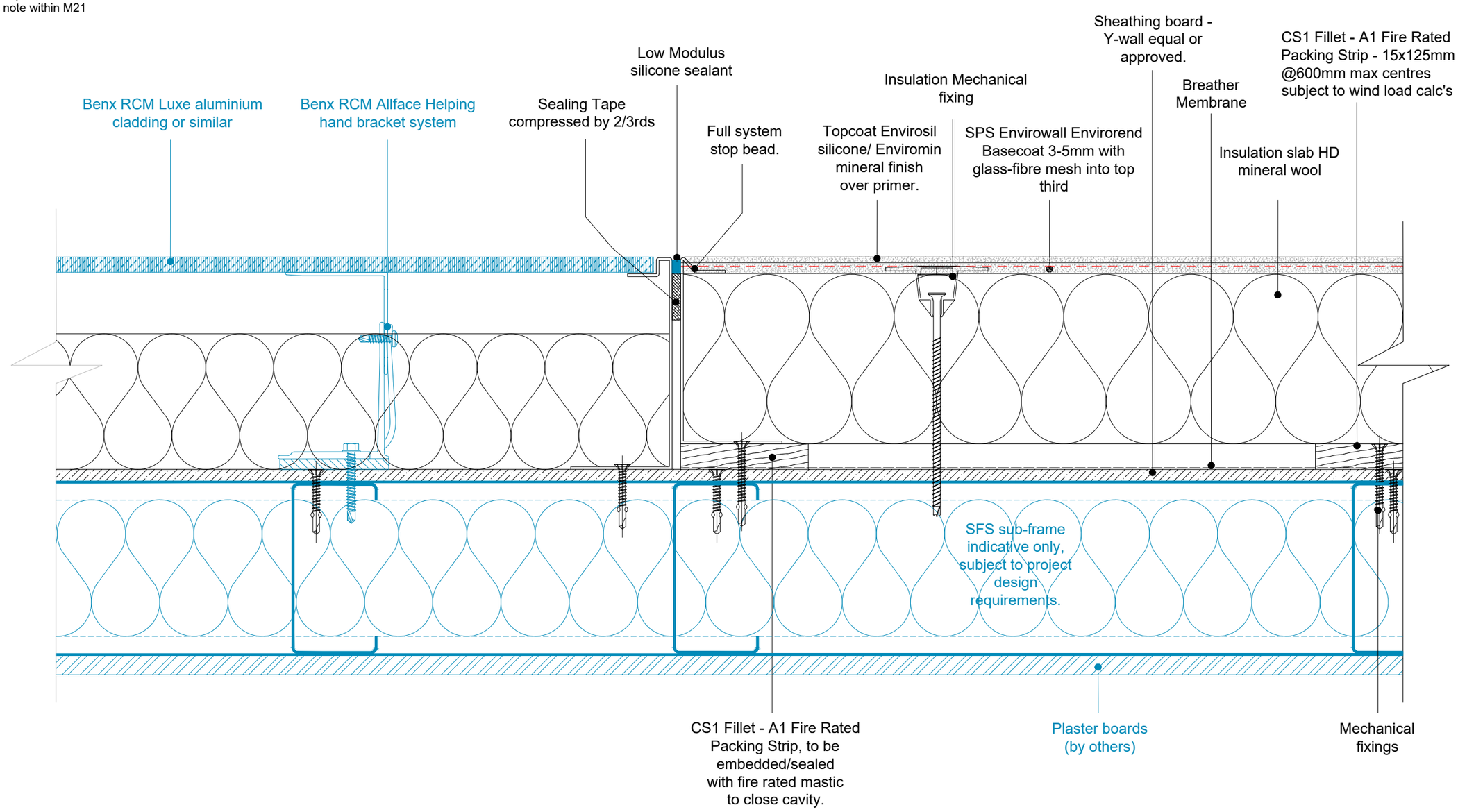
DRAWING No: TD-CS1-SFS-MW-R-08

DESCRIPTION: ABUTMENT JOINT WITH OTHER CLADDING

DRAWN: AG
CHECK: DS
NTS@A3
DATE: Nov 22
REV: A

Note:

1. The EWI system illustrated are based on a typical system - All insulation thickness, mechanical fixing, beads trims, sealants to be in line with and refer to project M21 specification.
2. All main sheathing board joints to be sealed with RCM tape + Dafa tape.
3. Fixing patterns to be confirmed, subject to project wind loading, refer to project M21 specification.
4. Movement joint within the system and structure please refer to guidance note within M21 specification.



benx
the future of façades
sps envirowall
RCM

Benx Ltd, Lonsdale Chambers,
Lonsdale Street,
Stoke-on-Trent
Staffordshire
ST4 4BT
Telephone: 0845 130 0983
Email:
technicalservices@benx.co.uk

All performance data & systems specifications are for systems constructed with materials & components as shown. The inclusion or substitution of any other manufactures materials or components invalidates both test data, system performance and compliance with CDM 2015. The information is provided and based upon details received,which are assumed to include all the relevant facts and data. While it is believed to be correct, we accept no liability for its accuracy, adequacy or completeness. Recipients must satisfy themselves as to its suitability as we do not accept responsibility for any claims or consequential loss. Acceptance of the content and subsequent design responsibility rests entirely with the recipients. Any subsequent design changes that affect the detail which we are not informed of in a written format will void this detail. None of the content may be copied without the prior approval from the Benx Group Technical Services Department. This statement should be read in conjunction with the standard terms and conditions of Benx Group.

REV	DATE	NOTE	BY
A	06/12/22	First Issue	AG

STATUS: INFORMATION

PROJECT: TYPICAL DETAILS CS1 — ISO No: 5212

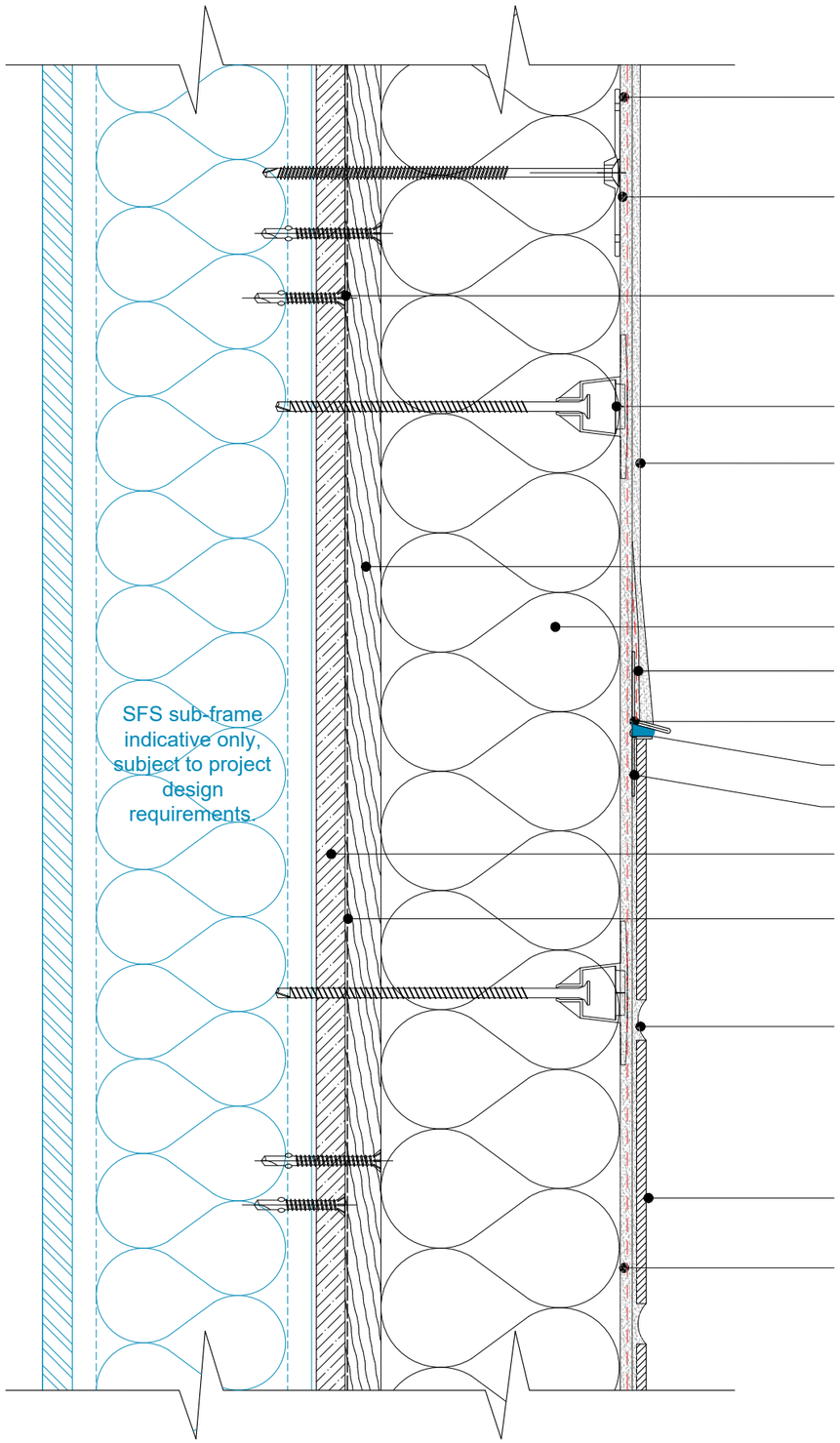
DRAWING No: TD-CS1-SFS-MW-R-09

DESCRIPTION: JOINT WITH OTHER CLADDING SYSTEM

DRAWN: AG
CHECK: DS
NTS@A3
DATE: Nov 22
REV: A

Note:

1. The EWI system illustrated are based on a typical system - All insulation thickness, mechanical fixing, beads trims, sealants to be in line with and refer to project M21 specification.
2. All main sheathing board joints to be sealed with RCM tape + Dafa tape.
3. Fixing patterns to be confirmed, subject to project wind loading, refer to project M21 specification.
4. Movement joint within the system and structure please refer to guidance note within M21 specification.



SPS Envirowall Envirorend Basecoat 3-5mm with glass-fibre mesh into top third

Fire pin BR135 Stainless steel screw with Stainless steel washer (Min 1 Per M² through mesh)

Mechanical fixings

Insulation Mechanical fixing

Topcoat Envirosil silicone/ Enviromin mineral finish over primer.

CS1 Fillet - A1 Fire Rated Packing Strip - 15x125mm @600mm max centres subject to wind load calc's

Insulation slab HD mineral wool

This is bedded into basecoat with No fixings, with a mesh layer over back leg bedded in basecoat.

R2B Bellcast bead

Low Modulus silicone sealant

Stop bead surface mounted

Sheathing board - Y-wall equal or approved.

Breather Membrane

Combination Bedding and Jointing Mortar

Flexible brick slips (Speedy slip)

SPS Envirowall Envirorend Basecoat 3-5mm with glass-fibre mesh into top third

benx the future of façades
sps envirowall TOTAL FACADE SOLUTIONS
RCM BUILDING BONDS & FACADES

Benx Ltd, Lonsdale Chambers,
Lonsdale Street,
Stoke-on-Trent
Staffordshire
ST4 4BT
Telephone: 0845 130 0983
Email:
technicalservices@benx.co.uk

All performance data & systems specifications are for systems constructed with materials & components as shown. The inclusion or substitution of any other manufactures materials or components invalidates both test data, system performance and compliance with CDM 2015. The information is provided and based upon details received,which are assumed to include all the relevant facts and data. While it is believed to be correct, we accept no liability for its accuracy, adequacy or completeness. Recipients must satisfy themselves as to its suitability as we do not accept responsibility for any claims or consequential loss. Acceptance of the content and subsequent design responsibility rests entirely with the recipients. Any subsequent design changes that affect the detail which we are not informed of in a written format will void this detail. None of the content may be copied without the prior approval from the Benx Group Technical Services Department. This statement should be read in conjunction with the standard terms and conditions of Benx Group.

REV	DATE	NOTE	BY
A	06/12/22	First Issue	AG

STATUS: INFORMATION

PROJECT: TYPICAL DETAILS CS1 ISO No: 5212

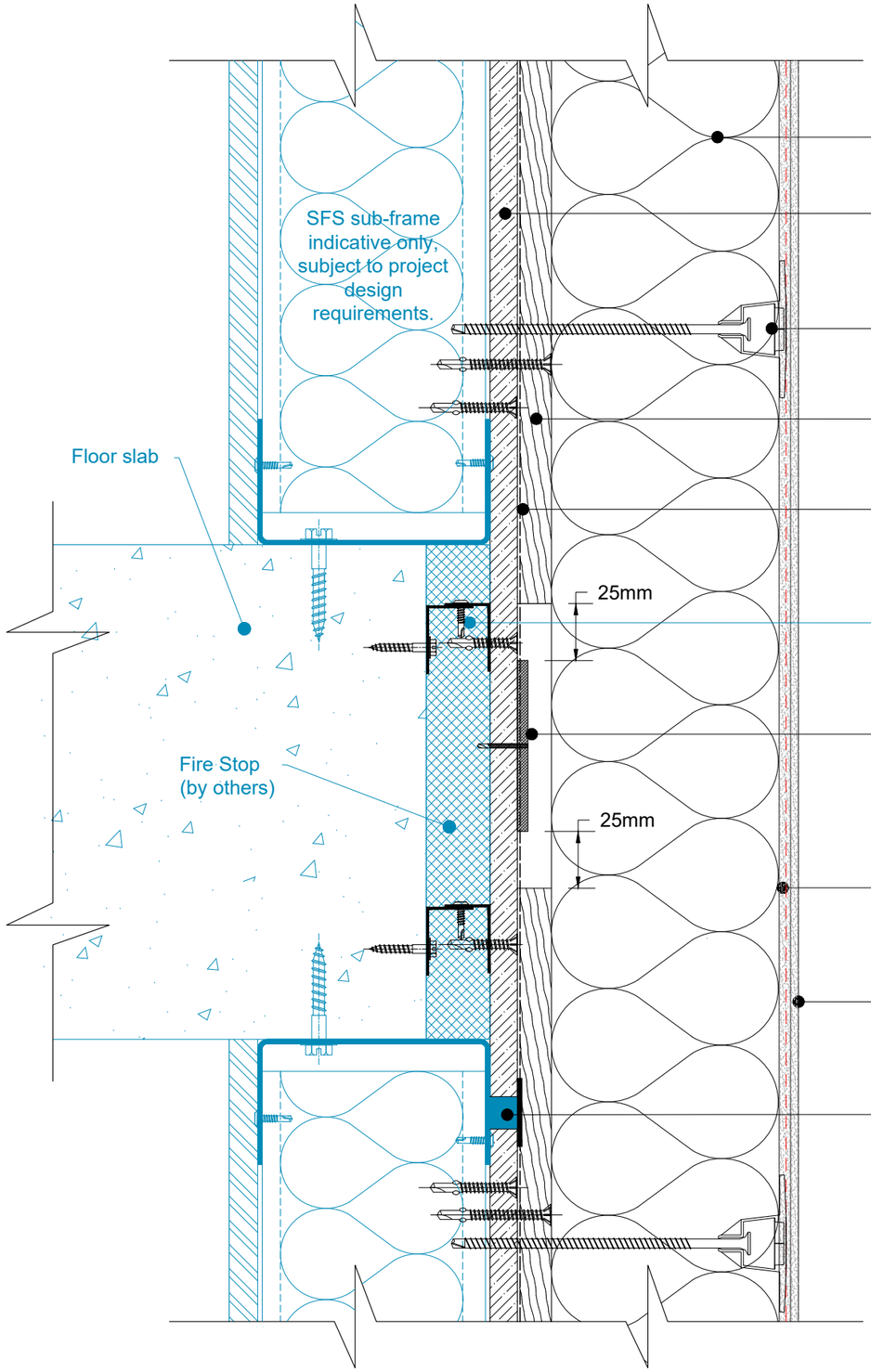
DRAWING No: TD-CS1-SFS-MW-R-10

DESCRIPTION: HORIZONTAL CHANGE OF FINISH RENDER AND FLEXIBLE BRICK SLIP

DRAWN: AG
CHECK: DS
NTS@A3
DATE: Nov 22
REV: A

Note:

1. The EWI system illustrated are based on a typical system - All insulation thickness, mechanical fixing, beads trims, sealants to be in line with and refer to project M21 specification.
2. All main sheathing board joints to be sealed with RCM tape + Dafa tape.
3. Fixing patterns to be confirmed, subject to project wind loading, refer to project M21 specification.
4. Movement joint within the system and structure please refer to guidance note within M21 specification.
5. SFS Slotted head & stud track.
6. SFS to overhang slab no more than $\frac{1}{3}$ of depth of stud.
7. Sliding angle to allow variations in line and levels of slab edge, continuous support of EWI system



Insulation slab HD mineral wool

Sheathing board - Y-wall equal or approved.

Insulation Mechanical fixing

CS1 Fillet - A1 Fire Rated Packing Strip - 15x125mm @600mm max centres subject to wind load calc's

Breather Membrane

Sliding angle joint (By others)

TS intumescent Strip Expanding cavity fire strip with Stainless steel fixing

SPS Envirowall Envirorend Basecoat 3-5mm with glass-fibre mesh into top third

Topcoat Envirosil silicone/ Enviromin mineral finish over primer.

Fire rated sealant with Foil tape or similar over board joint.

benx the future of façades
sps envirowall
RCM

Benx Ltd, Lonsdale Chambers,
Lonsdale Street,
Stoke-on-Trent
Staffordshire
ST4 4BT
Telephone: 0845 130 0983
Email:
technicalservices@benx.co.uk

All performance data & systems specifications are for systems constructed with materials & components as shown. The inclusion or substitution of any other manufactures materials or components invalidates both test data, system performance and compliance with CDM 2015. The information is provided and based upon details received,which are assumed to include all the relevant facts and data. While it is believed to be correct, we accept no liability for its accuracy, adequacy or completeness. Recipients must satisfy themselves as to its suitability as we do not accept responsibility for any claims or consequential loss. Acceptance of the content and subsequent design responsibility rests entirely with the recipients. Any subsequent design changes that affect the detail which we are not informed of in a written format will void this detail. None of the content may be copied without the prior approval from the Benx Group Technical Services Department. This statement should be read in conjunction with the standard terms and conditions of Benx Group.

REV	DATE	NOTE	BY
A	06/12/22	First Issue	AG

STATUS: INFORMATION

PROJECT: TYPICAL DETAILS CS1 ISO No: 5212

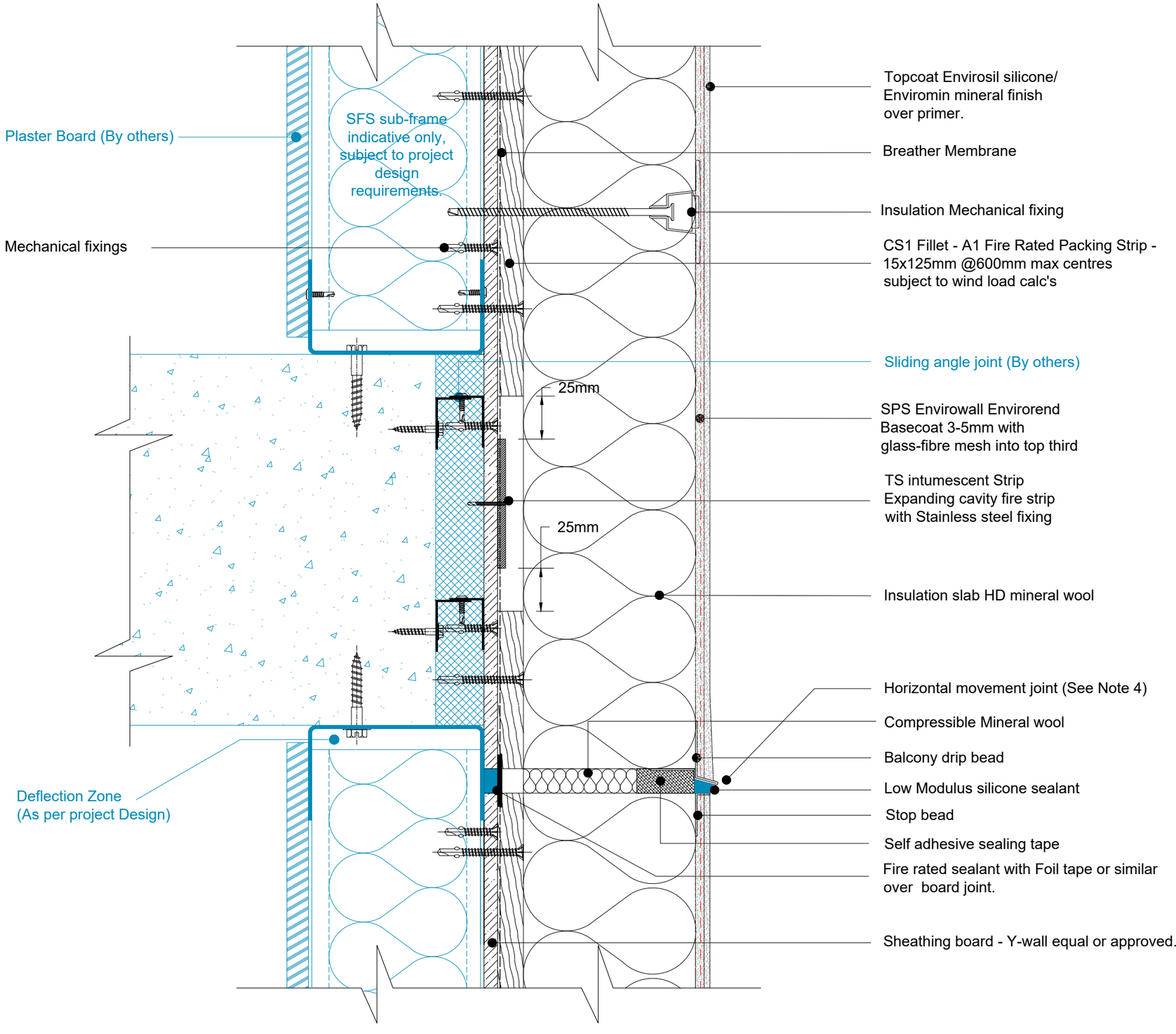
DRAWING No: TD-CS1-SFS-MW-R-11

DESCRIPTION: Floor slab edge detail with firebreak, No deflection zone

DRAWN: AG
CHECK: DS
NTS@A3
DATE: Nov 22
REV: A

Note:

1. The EWI system illustrated are based on a typical system - All insulation thickness, mechanical fixing, beads trims, sealants to be in line with and refer to project M21 specification.
2. All main sheathing board joints to be sealed with RCM tape + Dafa tape.
3. Fixing patterns to be confirmed, subject to project wind loading, refer to project M21 specification.
4. Movement joint within the system and structure please refer to guidance note within M21 specification.
5. SFS Slotted head & stud track.
6. SFS to overhang slab no more than $\frac{1}{3}$ of depth of stud.
7. Sliding angle to allow variations in line and levels of slab edge, continuous support of EWI system



benx
the future of façades
sps envirowall
RCM

Benx Ltd, Lonsdale Chambers,
Lonsdale Street,
Stoke-on-Trent
Staffordshire
ST4 4BT
Telephone: 0845 130 0983
Email:
technicalservices@benx.co.uk

All performance data & systems specifications are for systems constructed with materials & components as shown. The inclusion or substitution of any other manufactures materials or components invalidates both test data, system performance and compliance with CDM 2015. The information is provided and based upon details received,which are assumed to include all the relevant facts and data. While it is believed to be correct, we accept no liability for its accuracy, adequacy or completeness. Recipients must satisfy themselves as to its suitability as we do not accept responsibility for any claims or consequential loss. Acceptance of the content and subsequent design responsibility rests entirely with the recipients. Any subsequent design changes that affect the detail which we are not informed of in a written format will void this detail. None of the content may be copied without the prior approval from the Benx Group Technical Services Department. This statement should be read in conjunction with the standard terms and conditions of Benx Group.

REV	DATE	NOTE	BY
A	06/12/22	First Issue	AG
B	31/05/23	Movement joint note added	AG

STATUS: INFORMATION

PROJECT: TYPICAL DETAILS CS1 ISO No: 5212

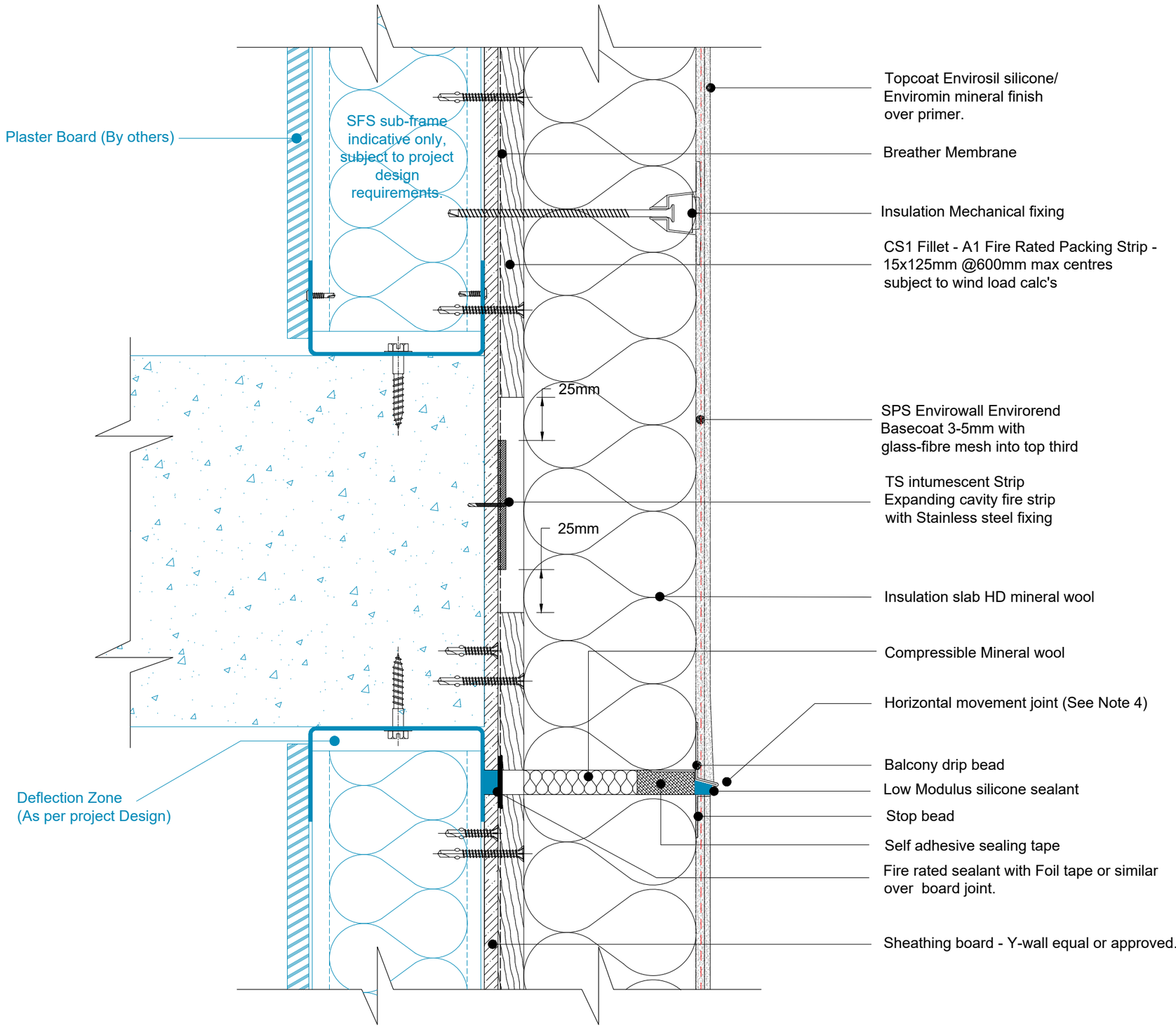
DRAWING No: TD-CS1-SFS-MW-R-12

DESCRIPTION: RECESSED SLAB EDGE WITH MOVEMENT JOINT

DRAWN: AG
CHECK: DS
NTS@A3
DATE: Nov 22
REV: B

Note:

1. The EWI system illustrated are based on a typical system - All insulation thickness, mechanical fixing, beads trims, sealants to be in line with and refer to project M21 specification.
2. All main sheathing board joints to be sealed with RCM tape + Dafa tape.
3. Fixing patterns to be confirmed, subject to project wind loading, refer to project M21 specification.
4. Movement joint within the system and structure please refer to guidance note within M21 specification.
5. SFS Slotted head & stud track.
6. SFS to overhang slab no more than $\frac{1}{3}$ of depth of stud.
7. Sliding angle to allow variations in line and levels of slab edge, continuous support of EWI system



benx
the future of façades
sps envirowall
RCM

Benx Ltd, Lonsdale Chambers,
Lonsdale Street,
Stoke-on-Trent
Staffordshire
ST4 4BT
Telephone: 0845 130 0983
Email:
technicalservices@benx.co.uk

All performance data & systems specifications are for systems constructed with materials & components as shown. The inclusion or substitution of any other manufactures materials or components invalidates both test data, system performance and compliance with CDM 2015. The information is provided and based upon details received,which are assumed to include all the relevant facts and data. While it is believed to be correct, we accept no liability for its accuracy, adequacy or completeness. Recipients must satisfy themselves as to its suitability as we do not accept responsibility for any claims or consequential loss. Acceptance of the content and subsequent design responsibility rests entirely with the recipients. Any subsequent design changes that affect the detail which we are not informed of in a written format will void this detail. None of the content may be copied without the prior approval from the Benx Group Technical Services Department. This statement should be read in conjunction with the standard terms and conditions of Benx Group.

REV	DATE	NOTE	BY
A	06/12/22	First Issue	AG
B	31/05/23	Movement joint note added	AG

STATUS: INFORMATION

PROJECT: TYPICAL DETAILS CS1 ISO No: 5212

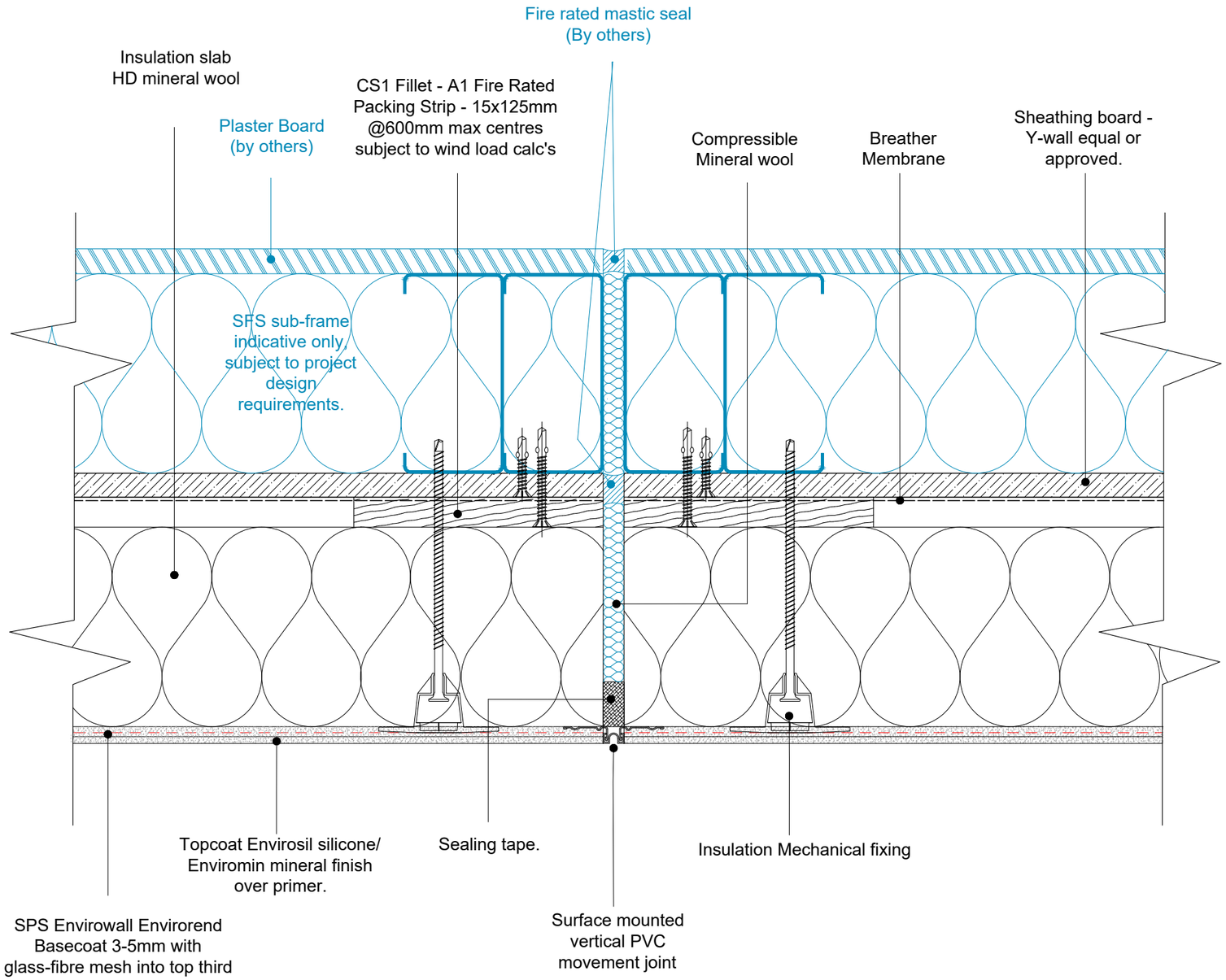
DRAWING No: TD-CS1-SFS-MW-R-13

DESCRIPTION: FLUSH FLOOR SLAB EDGE DETAIL WITH MOVEMENT JOINT

DRAWN: AG
CHECK: DS
NTS@A3
DATE: Nov 22
REV: B

Note:

1. The EWI system illustrated are based on a typical system - All insulation thickness, mechanical fixing, beads trims, sealants to be in line with and refer to project M21 specification.
2. All main sheathing board joints to be sealed with RCM tape + Dafa tape.
3. Fixing patterns to be confirmed, subject to project wind loading, refer to project M21 specification.
4. Movement joint within the system and structure please refer to guidance note within M21 specification.



benx
the future of façades
sps envirowall
RCM

Benx Ltd, Lonsdale Chambers,
Lonsdale Street,
Stoke-on-Trent
Staffordshire
ST4 4BT
Telephone: 0845 130 0983
Email:
technicalservices@benx.co.uk

All performance data & systems specifications are for systems constructed with materials & components as shown. The inclusion or substitution of any other manufactures materials or components invalidates both test data, system performance and compliance with CDM 2015. The information is provided and based upon details received,which are assumed to include all the relevant facts and data. While it is believed to be correct, we accept no liability for its accuracy, adequacy or completeness. Recipients must satisfy themselves as to its suitability as we do not accept responsibility for any claims or consequential loss. Acceptance of the content and subsequent design responsibility rests entirely with the recipients. Any subsequent design changes that affect the detail which we are not informed of in a written format will void this detail. None of the content may be copied without the prior approval from the Benx Group Technical Services Department. This statement should be read in conjunction with the standard terms and conditions of Benx Group.

REV	DATE	NOTE	BY
A	06/12/22	First Issue	AG

STATUS: INFORMATION

PROJECT: TYPICAL DETAILS CS1 ISO No: 5212

DRAWING No: TD-CS1-SFS-MW-R-14

DESCRIPTION: VERTICAL MOVEMENT JOINT

DRAWN: AG

CHECK: DS

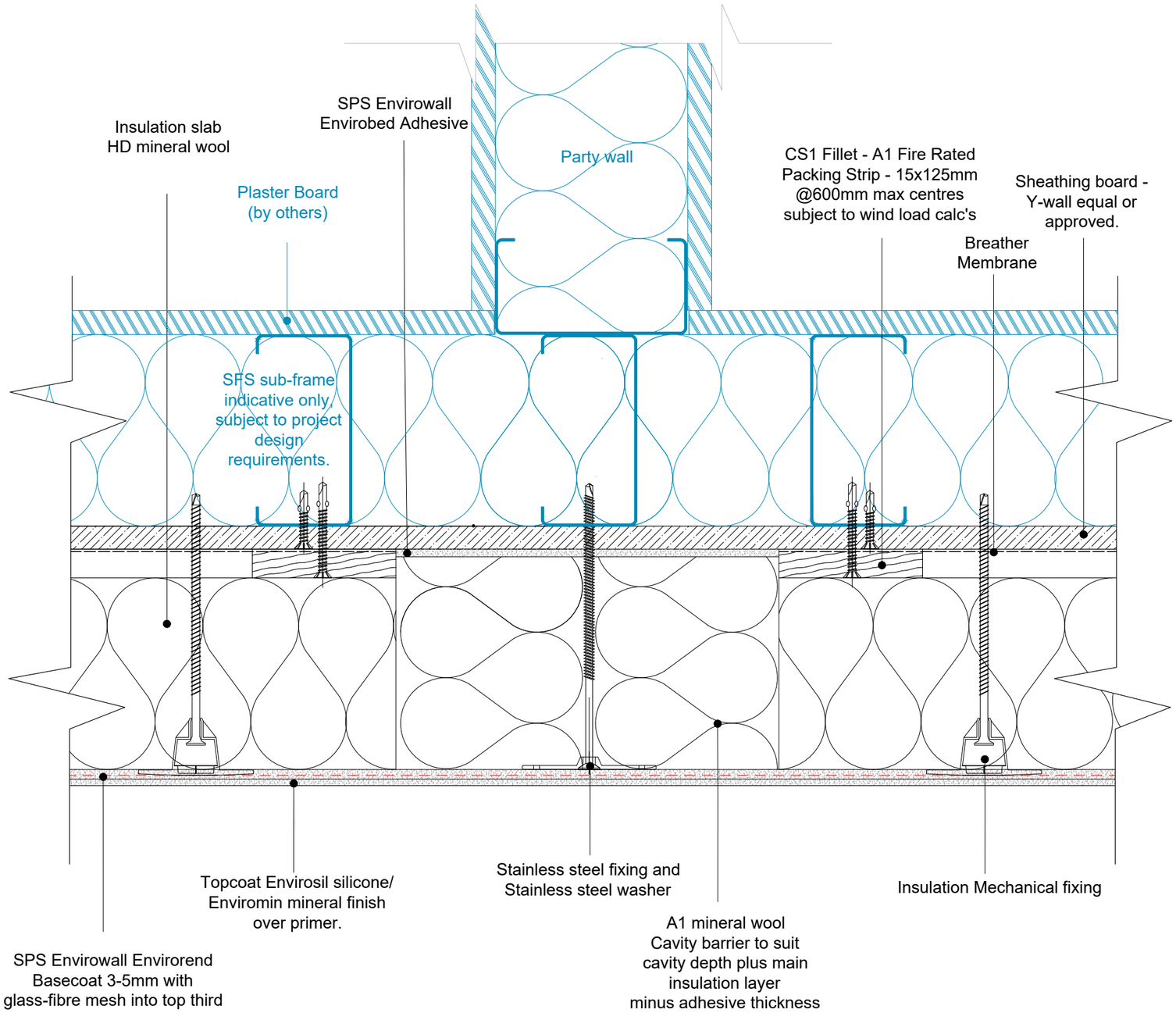
NTS@A3

DATE: Nov 22

REV: A

Note:

1. The EWI system illustrated are based on a typical system - All insulation thickness, mechanical fixing, beads trims, sealants to be in line with and refer to project M21 specification.
2. All main sheathing board joints to be sealed with RCM tape + Dafa tape.
3. Fixing patterns to be confirmed, subject to project wind loading, refer to project M21 specification.
4. Movement joint within the system and structure please refer to guidance note within M21 specification.



benx
the future of façades
sps envirowall
RCM

Benx Ltd, Lonsdale Chambers,
Lonsdale Street,
Stoke-on-Trent
Staffordshire
ST4 4BT
Telephone: 0845 130 0983
Email:
technicalservices@benx.co.uk

All performance data & systems specifications are for systems constructed with materials & components as shown. The inclusion or substitution of any other manufactures materials or components invalidates both test data, system performance and compliance with CDM 2015. The information is provided and based upon details received,which are assumed to include all the relevant facts and data. While it is believed to be correct, we accept no liability for its accuracy, adequacy or completeness. Recipients must satisfy themselves as to its suitability as we do not accept responsibility for any claims or consequential loss. Acceptance of the content and subsequent design responsibility rests entirely with the recipients. Any subsequent design changes that affect the detail which we are not informed of in a written format will void this detail. None of the content may be copied without the prior approval from the Benx Group Technical Services Department. This statement should be read in conjunction with the standard terms and conditions of Benx Group.

REV	DATE	NOTE	BY
A	06/12/22	First Issue	AG
B	12/04/23	Party wall added to detail.	MAB

STATUS: INFORMATION

DRAWN: AG

PROJECT: TYPICAL DETAILS CS1

ISO No: 5212

CHECK: DS

NTS@A3

DRAWING No: TD-CS1-SFS-MW-R-15

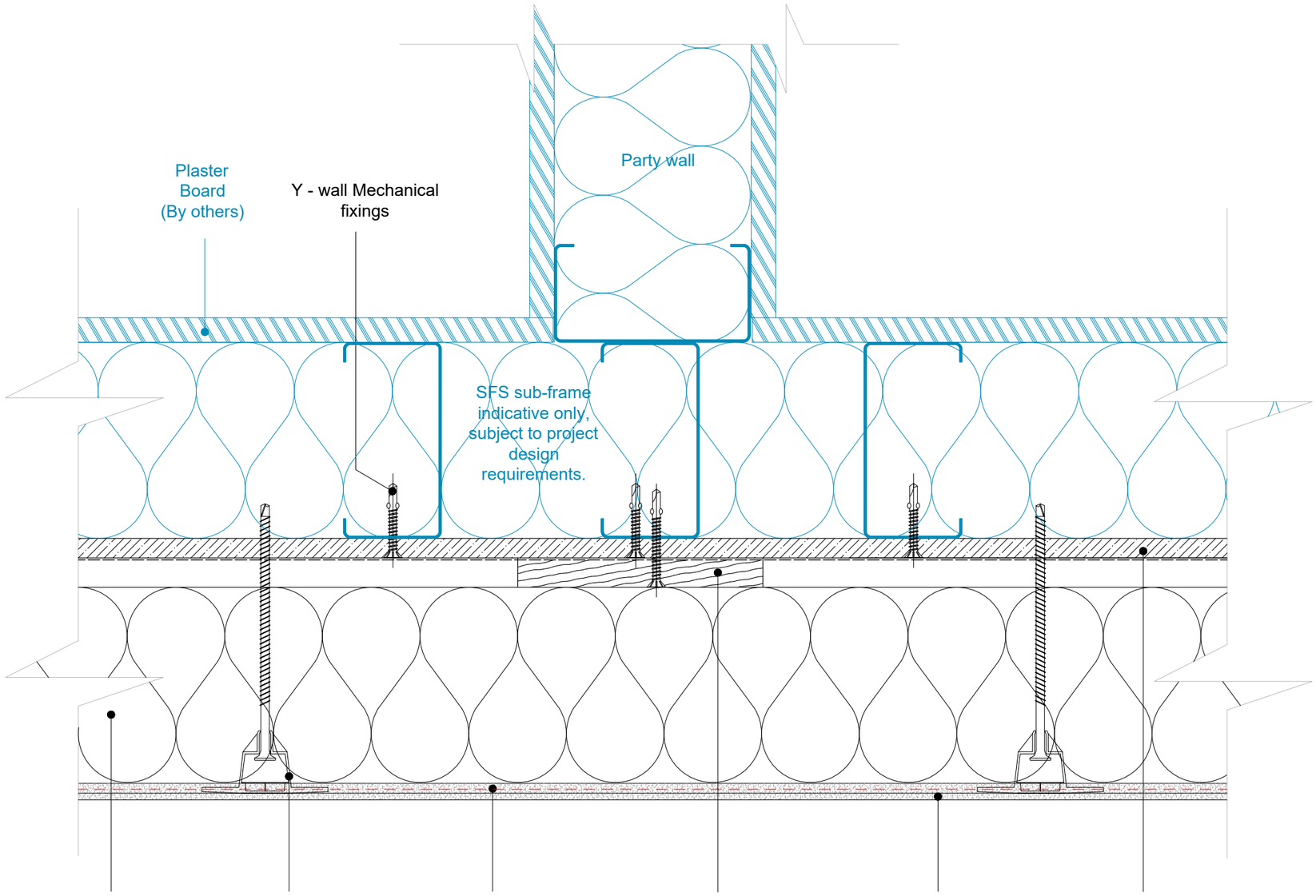
DATE: Nov 22

DESCRIPTION: VERTICAL FIRE BARRIER AT PARTY WALL COMPARTMENT JUNCTION

REV: B

Note:

1. The EWI system illustrated are based on a typical system - All insulation thickness, mechanical fixing, beads trims, sealants to be in line with and refer to project M21 specification.
2. All main sheathing board joints to be sealed with RCM tape + Dafa tape.
3. Fixing patterns to be confirmed, subject to project wind loading, refer to project M21 specification.
4. Movement joint within the system and structure please refer to guidance note within M21 specification.
5. SFS Slotted head & stud track.
6. Variations in line and level of slab taken up with fire stop material.



benx
the future of façades
sps envirowall
RCM
Benx Ltd, Lonsdale Chambers,
Lonsdale Street,
Stoke-on-Trent
Staffordshire
ST4 4BT
Telephone: 0845 130 0983
Email:
technicalservices@benx.co.uk

All performance data & systems specifications are for systems constructed with materials & components as shown. The inclusion or substitution of any other manufactures materials or components invalidates both test data, system performance and compliance with CDM 2015. The information is provided and based upon details received,which are assumed to include all the relevant facts and data. While it is believed to be correct, we accept no liability for its accuracy, adequacy or completeness. Recipients must satisfy themselves as to its suitability as we do not accept responsibility for any claims or consequential loss. Acceptance of the content and subsequent design responsibility rests entirely with the recipients. Any subsequent design changes that affect the detail which we are not informed of in a written format will void this detail. None of the content may be copied without the prior approval from the Benx Group Technical Services Department. This statement should be read in conjunction with the standard terms and conditions of Benx Group.

REV	DATE	NOTE	BY
A	06/12/22	First Issue	AG

STATUS: INFORMATION

PROJECT: TYPICAL DETAILS CS1 ISO No: 5212

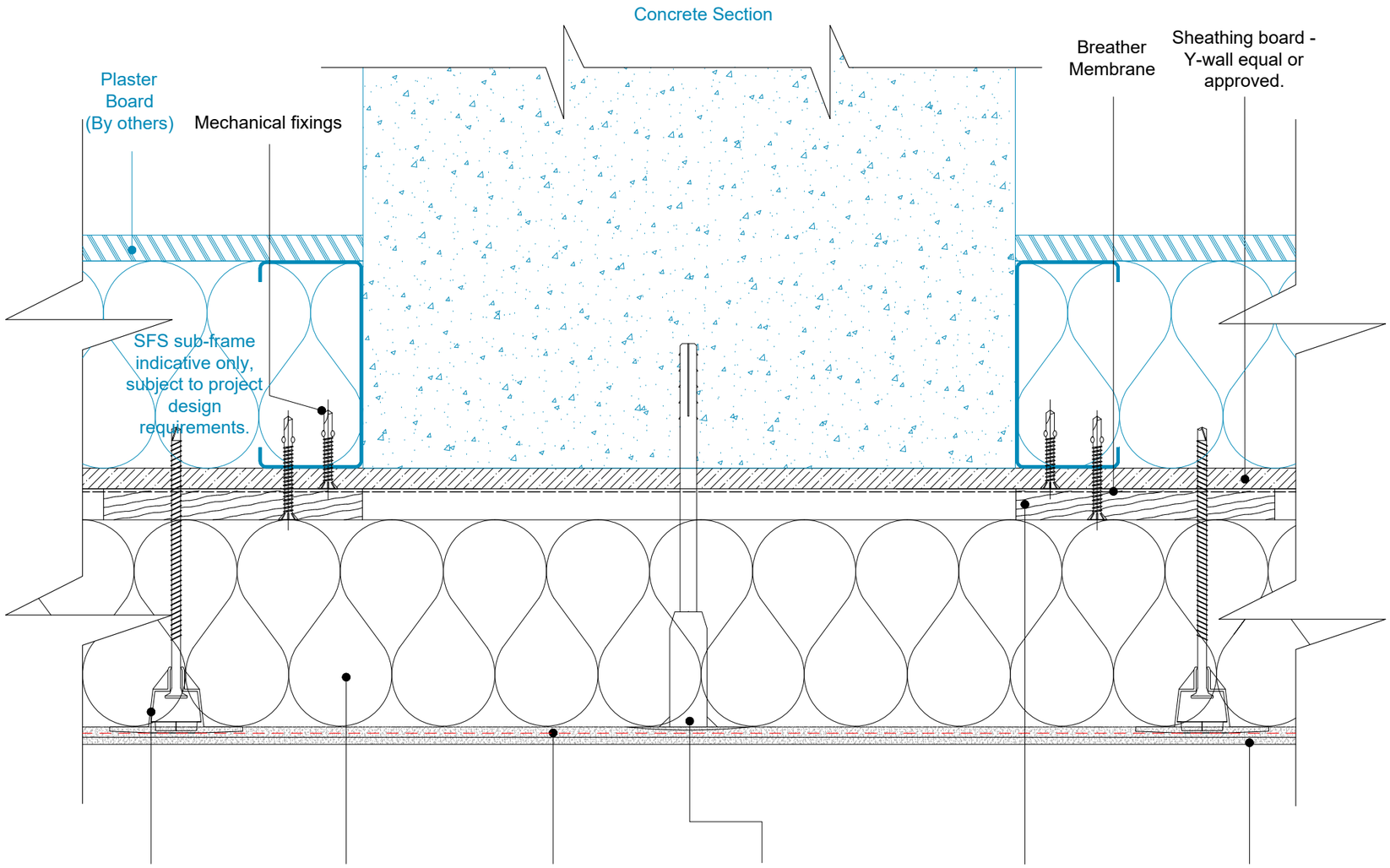
DRAWING No: TD-CS1-SFS-MW-R-16

DESCRIPTION: PLAN DETAIL AT PARTY WALL JUNCTION

DRAWN: AG
CHECK: DS
NTS@A3
DATE: Nov 22
REV: A

Note:

1. The EWI system illustrated are based on a typical system - All insulation thickness, mechanical fixing, beads trims, sealants to be in line with and refer to project M21 specification.
2. All main sheathing board joints to be sealed with RCM tape + Dafa tape.
3. Fixing patterns to be confirmed, subject to project wind loading, refer to project M21 specification.
4. Movement joint within the system and structure please refer to guidance note within M21 specification.
5. SFS Slotted head & stud track.
6. SFS to overhang slab no more than $\frac{1}{3}$ of depth of stud.
7. Variations in line and level of slab taken up with fire stop material.



benx
the future of façades
sps envirowall
RCM

Benx Ltd, Lonsdale Chambers,
Lonsdale Street,
Stoke-on-Trent
Staffordshire
ST4 4BT
Telephone: 0845 130 0983
Email:
technicalservices@benx.co.uk

All performance data & systems specifications are for systems constructed with materials & components as shown. The inclusion or substitution of any other manufactures materials or components invalidates both test data, system performance and compliance with CDM 2015. The information is provided and based upon details received,which are assumed to include all the relevant facts and data. While it is believed to be correct, we accept no liability for its accuracy, adequacy or completeness. Recipients must satisfy themselves as to its suitability as we do not accept responsibility for any claims or consequential loss. Acceptance of the content and subsequent design responsibility rests entirely with the recipients. Any subsequent design changes that affect the detail which we are not informed of in a written format will void this detail. None of the content may be copied without the prior approval from the Benx Group Technical Services Department. This statement should be read in conjunction with the standard terms and conditions of Benx Group.

REV	DATE	NOTE	BY
A	06/12/22	First Issue	AG

STATUS: INFORMATION

PROJECT: TYPICAL DETAILS CS1 ISO No: 5212

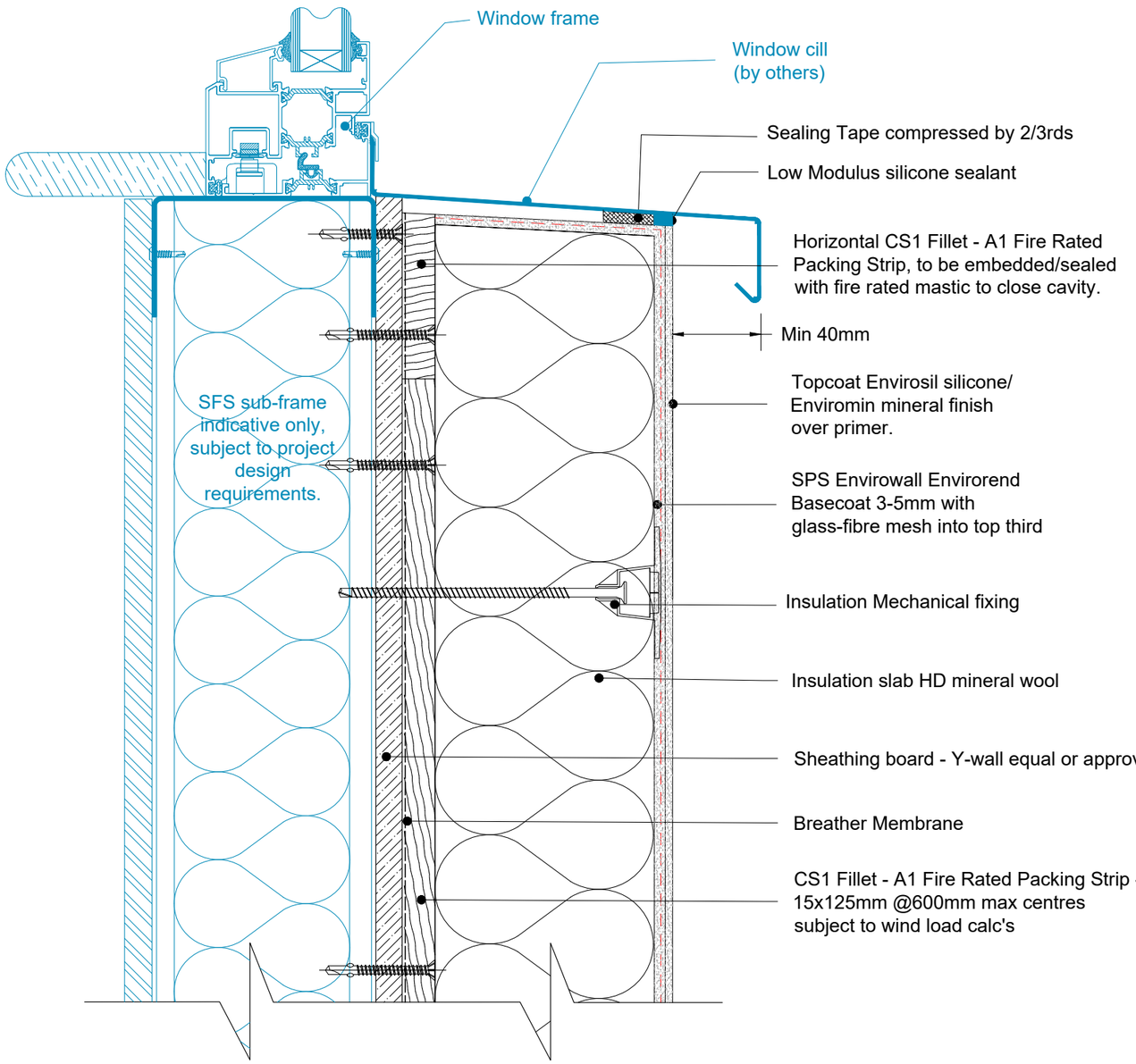
DRAWING No: TD-CS1-SFS-MW-R-17

DESCRIPTION: PLAN DETAIL CONCRETE SECTION JUNCTION

DRAWN: AG
CHECK: DS
NTS@A3
DATE: Nov 22
REV: A

Note:

1. The EWI system illustrated are based on a typical system - All insulation thickness, mechanical fixing, beads trims, sealants to be in line with and refer to project M21 specification.
2. All main sheathing board joints to be sealed with RCM tape + Dafa tape.
3. Fixing patterns to be confirmed, subject to project wind loading, refer to project M21 specification.
4. Movement joint within the system and structure please refer to guidance note within M21 specification.
5. Air tightness and sealant detail between window / door to sheathing board / structure by others.



benx
the future of façades
sps envirowall
RCM
Benx Ltd, Lonsdale Chambers,
Lonsdale Street,
Stoke-on-Trent
Staffordshire
ST4 4BT
Telephone: 0845 130 0983
Email:
technicalservices@benx.co.uk

All performance data & systems specifications are for systems constructed with materials & components as shown. The inclusion or substitution of any other manufactures materials or components invalidates both test data, system performance and compliance with CDM 2015. The information is provided and based upon details received,which are assumed to include all the relevant facts and data. While it is believed to be correct, we accept no liability for its accuracy, adequacy or completeness. Recipients must satisfy themselves as to its suitability as we do not accept responsibility for any claims or consequential loss. Acceptance of the content and subsequent design responsibility rests entirely with the recipients. Any subsequent design changes that affect the detail which we are not informed of in a written format will void this detail. None of the content may be copied without the prior approval from the Benx Group Technical Services Department. This statement should be read in conjunction with the standard terms and conditions of Benx Group.

REV	DATE	NOTE	BY
A	06/12/22	First Issue	AG

STATUS: INFORMATION

PROJECT: TYPICAL DETAILS CS1 ISO No: 5212

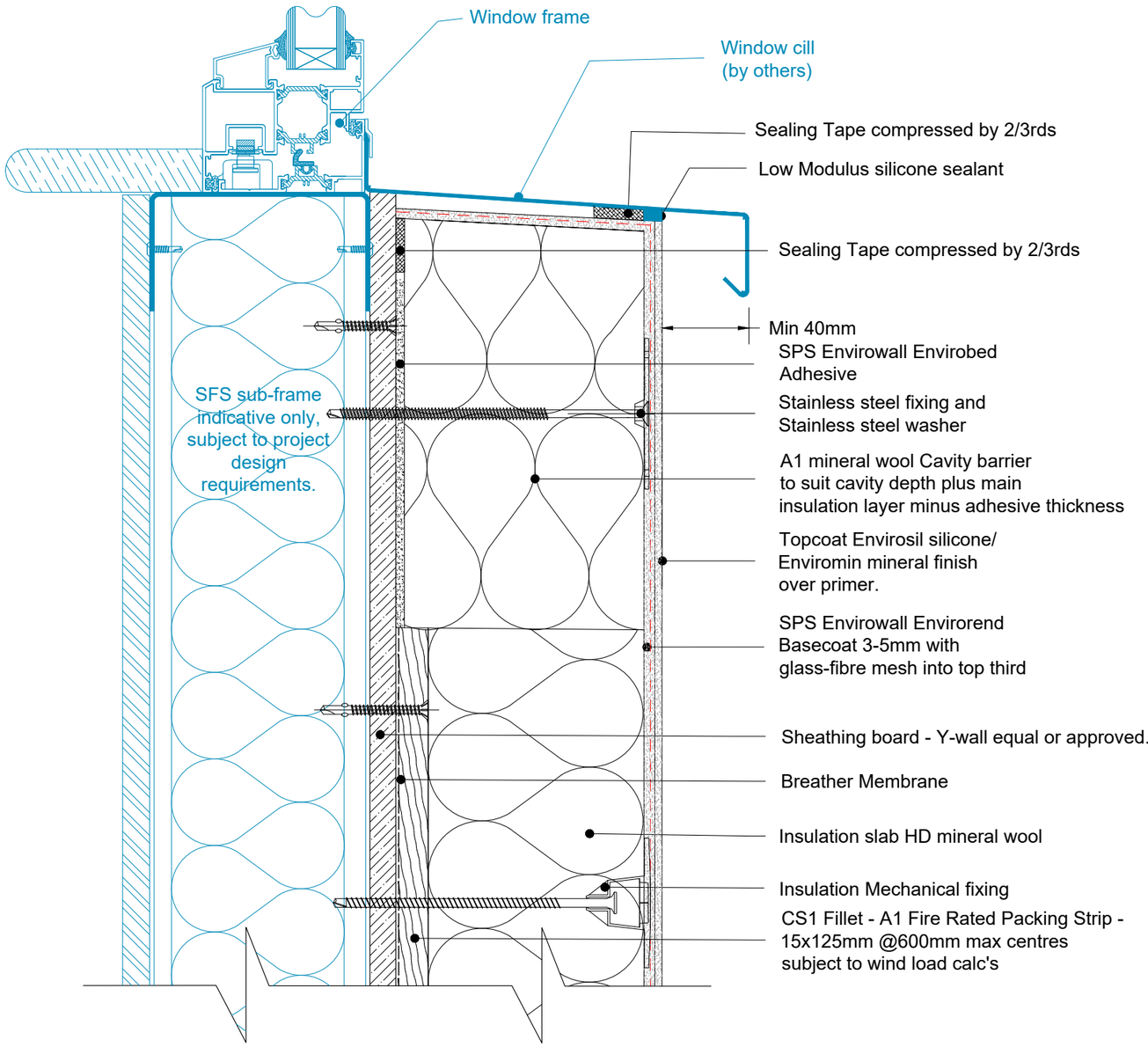
DRAWING No: TD-CS1-SFS-MW-R-18

DESCRIPTION: WINDOW CILL WITH CS1 A1 FILLET CAVITY CLOSURE

DRAWN: AG
CHECK: DS
NTS@A3
DATE: Nov 22
REV: A

Note:

1. The EWI system illustrated are based on a typical system - All insulation thickness, mechanical fixing, beads trims, sealants to be in line with and refer to project M21 specification.
2. All main sheathing board joints to be sealed with RCM tape + Dafa tape.
3. Fixing patterns to be confirmed, subject to project wind loading, refer to project M21 specification.
4. Movement joint within the system and structure please refer to guidance note within M21 specification.
5. Air tightness and sealant detail between window / door to sheathing board / structure by others.



benx
the future of façades
sps envirowall
RCM

Benx Ltd, Lonsdale Chambers,
Lonsdale Street,
Stoke-on-Trent
Staffordshire
ST4 4BT
Telephone: 0845 130 0983
Email:
technicalservices@benx.co.uk

All performance data & systems specifications are for systems constructed with materials & components as shown. The inclusion or substitution of any other manufactures materials or components invalidates both test data, system performance and compliance with CDM 2015. The information is provided and based upon details received,which are assumed to include all the relevant facts and data. While it is believed to be correct, we accept no liability for its accuracy, adequacy or completeness. Recipients must satisfy themselves as to its suitability as we do not accept responsibility for any claims or consequential loss. Acceptance of the content and subsequent design responsibility rests entirely with the recipients. Any subsequent design changes that affect the detail which we are not informed of in a written format will void this detail. None of the content may be copied without the prior approval from the Benx Group Technical Services Department. This statement should be read in conjunction with the standard terms and conditions of Benx Group.

REV	DATE	NOTE	BY
A	06/12/22	First Issue	AG

STATUS: INFORMATION

PROJECT: TYPICAL DETAILS CS1 ISO No: 5212

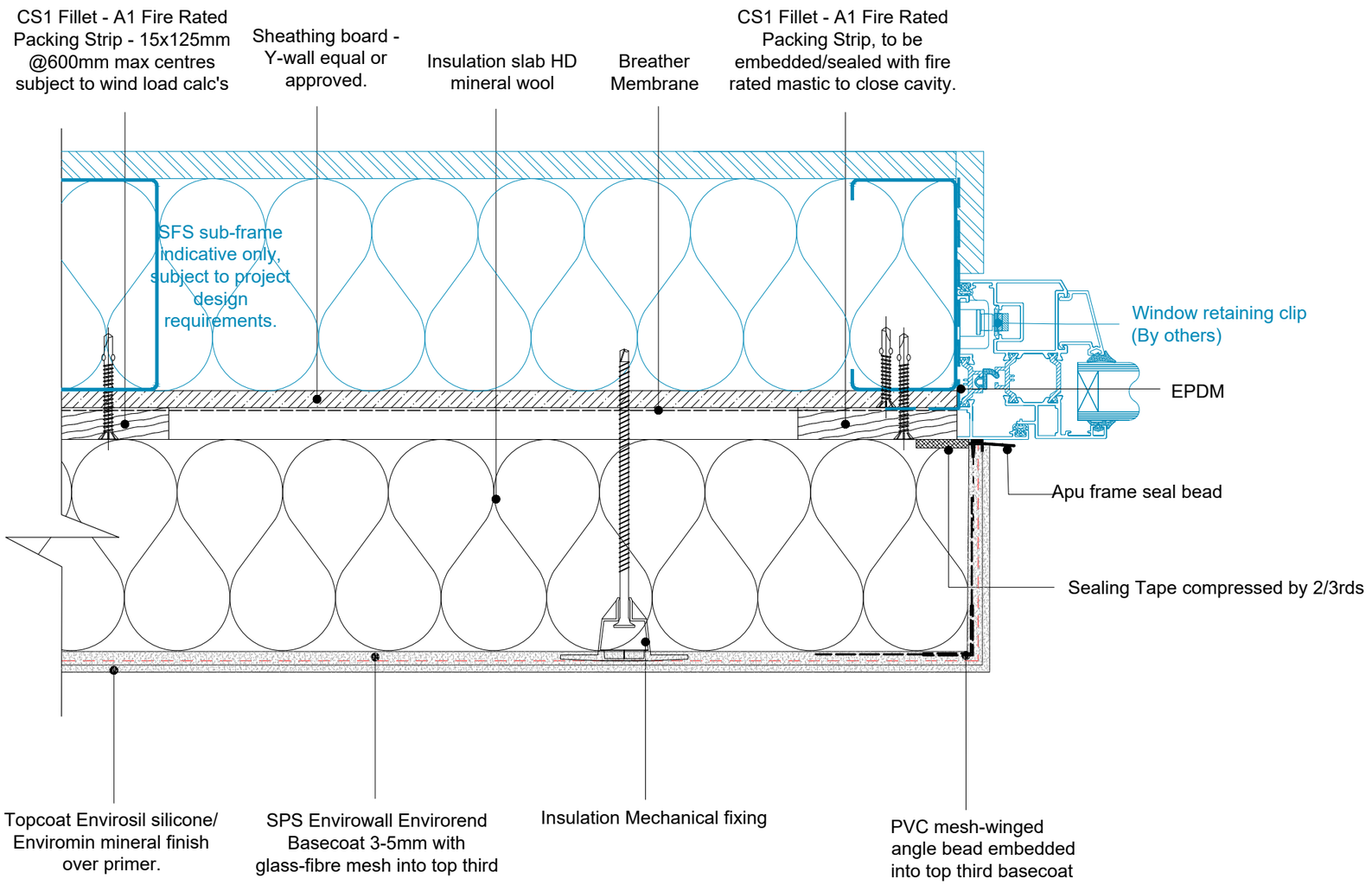
DRAWING No: TD-CS1-SFS-MW-R-19

DESCRIPTION: WINDOW CILL WITH CAVITY BARRIER CLOSURE

DRAWN: AG
CHECK: DS
NTS@A3
DATE: Nov 22
REV: A

Note:

1. The EWI system illustrated are based on a typical system - All insulation thickness, mechanical fixing, beads trims, sealants to be in line with and refer to project M21 specification.
2. All main sheathing board joints to be sealed with RCM tape + Dafa tape.
3. Fixing patterns to be confirmed, subject to project wind loading, refer to project M21 specification.
4. Movement joint within the system and structure please refer to guidance note within M21 specification.
5. Air tightness and sealant detail between window / door to sheathing board / structure by others.



benx
the future of façades
sps envirowall
RCM
Benx Ltd, Lonsdale Chambers,
Lonsdale Street,
Stoke-on-Trent
Staffordshire
ST4 4BT
Telephone: 0845 130 0983
Email:
technicalservices@benx.co.uk

All performance data & systems specifications are for systems constructed with materials & components as shown. The inclusion or substitution of any other manufactures materials or components invalidates both test data, system performance and compliance with CDM 2015. The information is provided and based upon details received,which are assumed to include all the relevant facts and data. While it is believed to be correct, we accept no liability for its accuracy, adequacy or completeness. Recipients must satisfy themselves as to its suitability as we do not accept responsibility for any claims or consequential loss. Acceptance of the content and subsequent design responsibility rests entirely with the recipients. Any subsequent design changes that affect the detail which we are not informed of in a written format will void this detail. None of the content may be copied without the prior approval from the Benx Group Technical Services Department. This statement should be read in conjunction with the standard terms and conditions of Benx Group.

REV	DATE	NOTE	BY
A	06/12/22	First Issue	AG

STATUS: INFORMATION

PROJECT: TYPICAL DETAILS CS1 ISO No: 5212

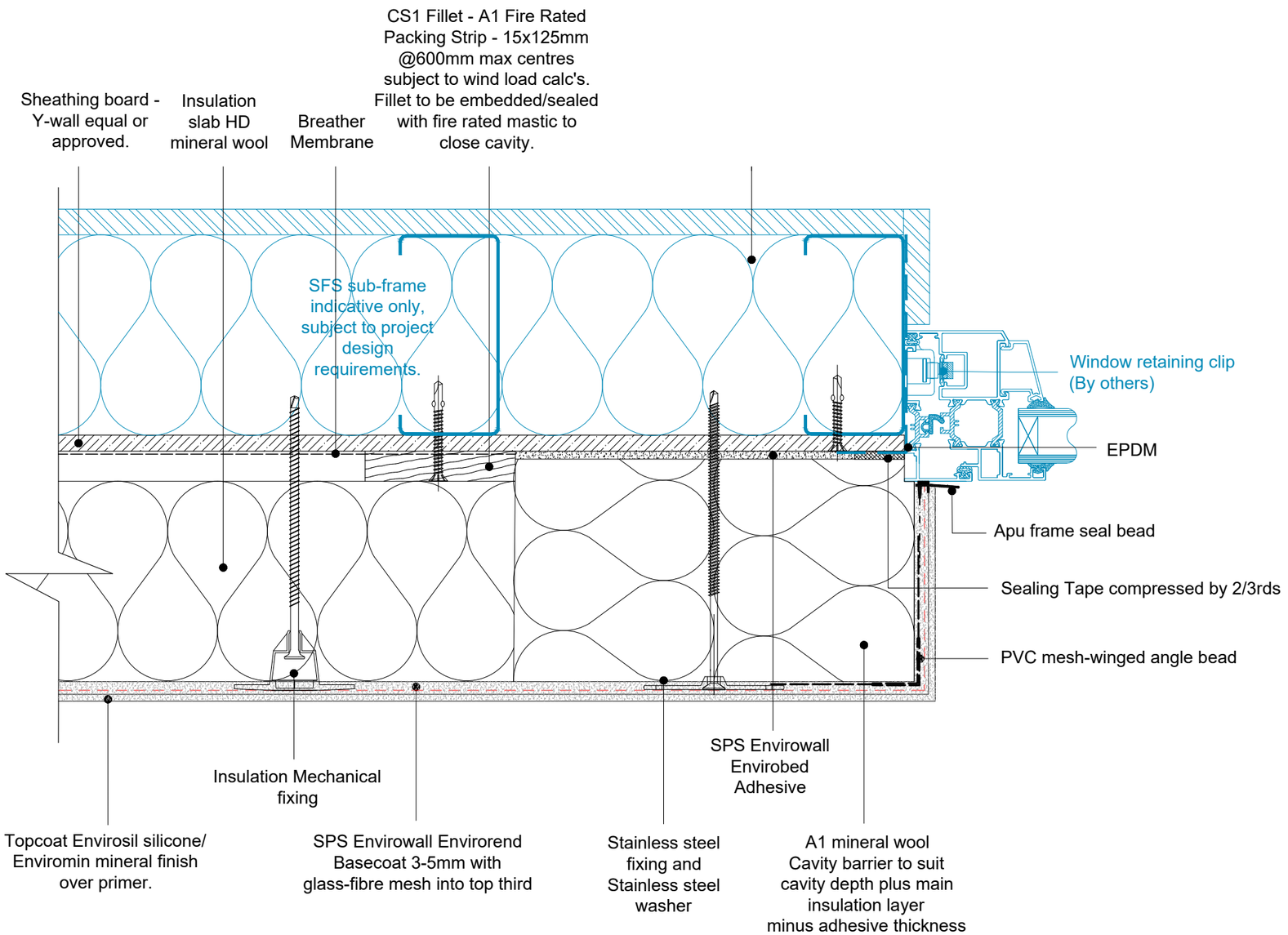
DRAWING No: TD-CS1-SFS-MW-R-20

DESCRIPTION: WINDOW REVEAL WITH CS1 A1 FILLET CAVITY CLOSURE

DRAWN: AG
CHECK: DS
NTS@A3
DATE: Nov 22
REV: A

Note:

1. The EWI system illustrated are based on a typical system - All insulation thickness, mechanical fixing, beads trims, sealants to be in line with and refer to project M21 specification.
2. All main sheathing board joints to be sealed with RCM tape + Dafa tape.
3. Fixing patterns to be confirmed, subject to project wind loading, refer to project M21 specification.
4. Movement joint within the system and structure please refer to guidance note within M21 specification.
5. Air tightness and sealant detail between window / door to sheathing board / structure by others.



benx
the future of façades
sps envirowall
RCM

Benx Ltd, Lonsdale Chambers,
Lonsdale Street,
Stoke-on-Trent
Staffordshire
ST4 4BT
Telephone: 0845 130 0983
Email:
technicalservices@benx.co.uk

All performance data & systems specifications are for systems constructed with materials & components as shown. The inclusion or substitution of any other manufactures materials or components invalidates both test data, system performance and compliance with CDM 2015. The information is provided and based upon details received,which are assumed to include all the relevant facts and data. While it is believed to be correct, we accept no liability for its accuracy, adequacy or completeness. Recipients must satisfy themselves as to its suitability as we do not accept responsibility for any claims or consequential loss. Acceptance of the content and subsequent design responsibility rests entirely with the recipients. Any subsequent design changes that affect the detail which we are not informed of in a written format will void this detail. None of the content may be copied without the prior approval from the Benx Group Technical Services Department. This statement should be read in conjunction with the standard terms and conditions of Benx Group.

REV	DATE	NOTE	BY
A	06/12/22	First Issue	AG

STATUS: INFORMATION

PROJECT: TYPICAL DETAILS CS1 ISO No: 5212

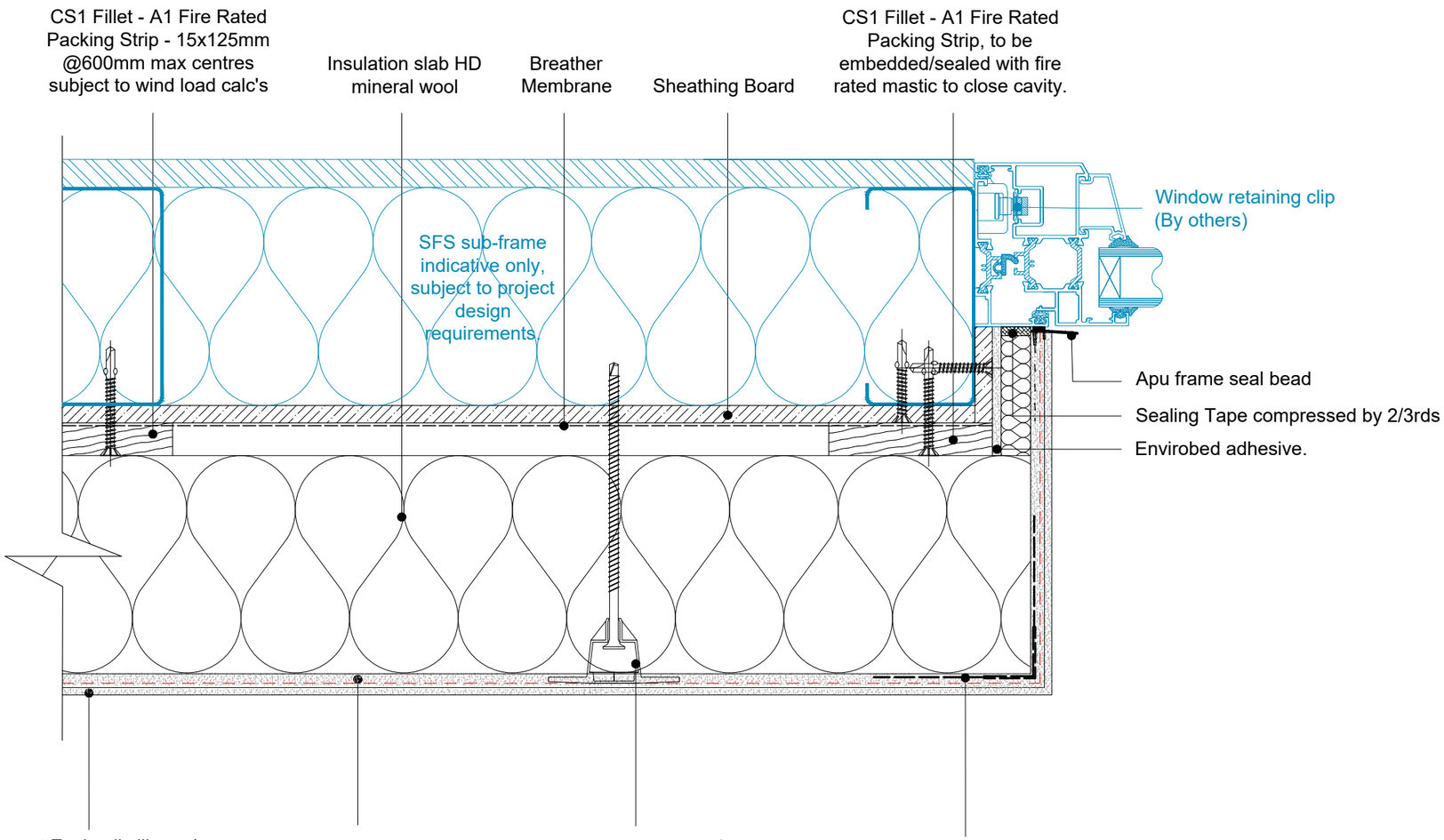
DRAWING No: TD-CS1-SFS-MW-R-21

DESCRIPTION: Window Reveal with Cavity barrier closure

DRAWN: AG
CHECK: DS
NTS@A3
DATE: Nov 22
REV: A

Note:

1. The EWI system illustrated are based on a typical system - All insulation thickness, mechanical fixing, beads trims, sealants to be in line with and refer to project M21 specification.
2. All main sheathing board joints to be sealed with RCM tape + Dafa tape.
3. Fixing patterns to be confirmed, subject to project wind loading, refer to project M21 specification.
4. Movement joint within the system and structure please refer to guidance note within M21 specification.
5. Air tightness and sealant detail between window / door to sheathing board / structure by others.



benx the future of façades
sps envirowall
RCM

Benx Ltd, Lonsdale Chambers,
Lonsdale Street,
Stoke-on-Trent
Staffordshire
ST4 4BT
Telephone: 0845 130 0983
Email:
technicalservices@benx.co.uk

All performance data & systems specifications are for systems constructed with materials & components as shown. The inclusion or substitution of any other manufactures materials or components invalidates both test data, system performance and compliance with CDM 2015. The information is provided and based upon details received,which are assumed to include all the relevant facts and data. While it is believed to be correct, we accept no liability for its accuracy, adequacy or completeness. Recipients must satisfy themselves as to its suitability as we do not accept responsibility for any claims or consequential loss. Acceptance of the content and subsequent design responsibility rests entirely with the recipients. Any subsequent design changes that affect the detail which we are not informed of in a written format will void this detail. None of the content may be copied without the prior approval from the Benx Group Technical Services Department. This statement should be read in conjunction with the standard terms and conditions of Benx Group.

Option for a full system depth window surround mineral wool fire barrier see other window details within this set drawing set.

REV	DATE	NOTE	BY
A	06/12/22	First Issue	AG

STATUS: INFORMATION

PROJECT: TYPICAL DETAILS CS1 ISO No: 5212

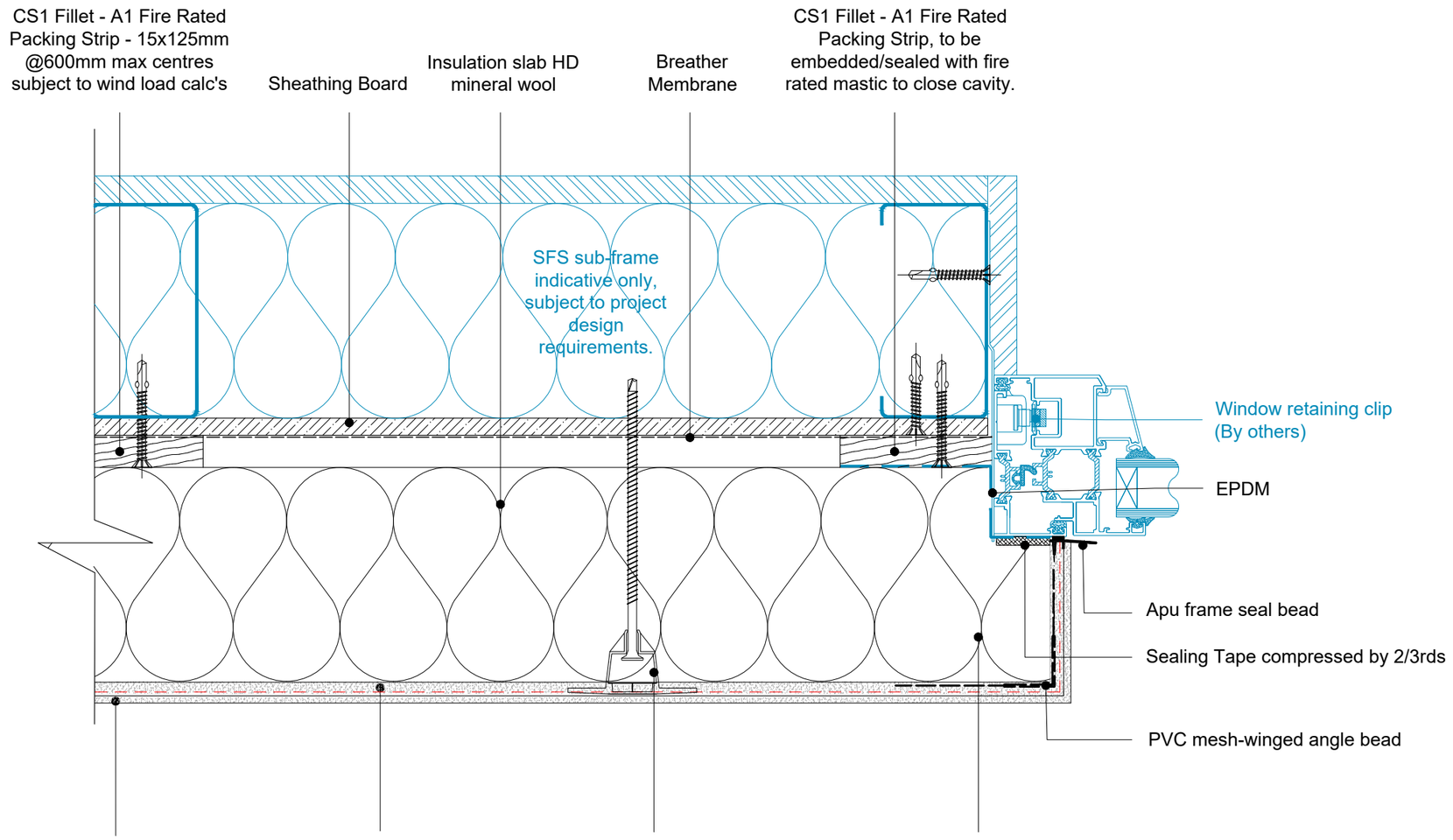
DRAWING No: TD-CS1-SFS-MW-R-22

DESCRIPTION: WINDOW REVEAL WITH WINDOW SET BACK

DRAWN: AG
CHECK: DS
NTS@A3
DATE: Nov 22
REV: A

Note:

1. The EWI system illustrated are based on a typical system - All insulation thickness, mechanical fixing, beads trims, sealants to be in line with and refer to project M21 specification.
2. All main sheathing board joints to be sealed with RCM tape + Dafa tape.
3. Fixing patterns to be confirmed, subject to project wind loading, refer to project M21 specification.
4. Movement joint within the system and structure please refer to guidance note within M21 specification.
5. Air tightness and sealant detail between window / door to sheathing board / structure by others.



benx the future of façades
sps envirowall
RCM

Benx Ltd, Lonsdale Chambers,
Lonsdale Street,
Stoke-on-Trent
Staffordshire
ST4 4BT
Telephone: 0845 130 0983
Email:
technicalservices@benx.co.uk

All performance data & systems specifications are for systems constructed with materials & components as shown. The inclusion or substitution of any other manufactures materials or components invalidates both test data, system performance and compliance with CDM 2015. The information is provided and based upon details received,which are assumed to include all the relevant facts and data. While it is believed to be correct, we accept no liability for its accuracy, adequacy or completeness. Recipients must satisfy themselves as to its suitability as we do not accept responsibility for any claims or consequential loss. Acceptance of the content and subsequent design responsibility rests entirely with the recipients. Any subsequent design changes that affect the detail which we are not informed of in a written format will void this detail. None of the content may be copied without the prior approval from the Benx Group Technical Services Department. This statement should be read in conjunction with the standard terms and conditions of Benx Group.

REV	DATE	NOTE	BY
A	06/12/22	First Issue	AG

STATUS: INFORMATION

PROJECT: TYPICAL DETAILS CS1 ISO No: 5212

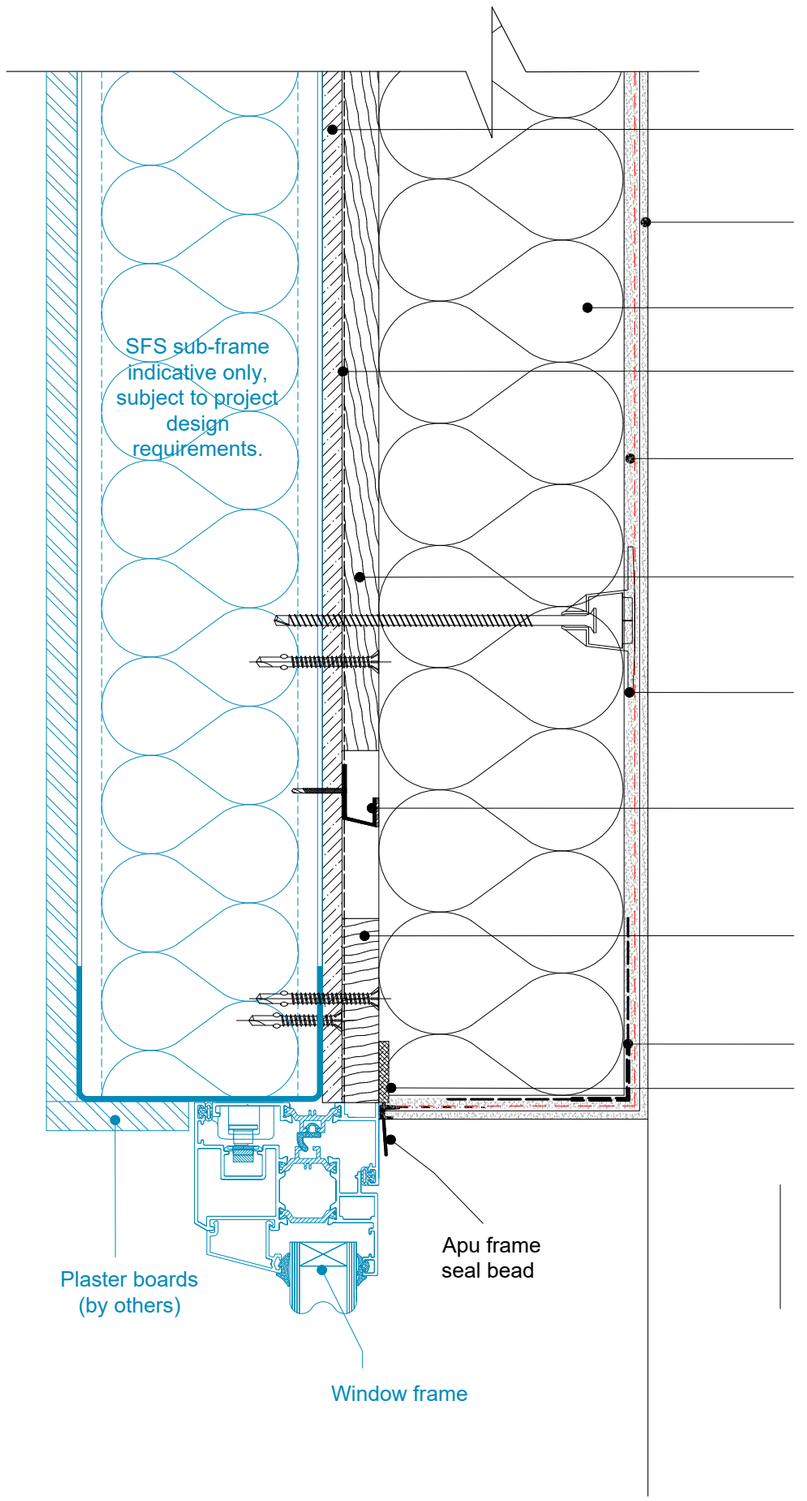
DRAWING No: TD-CS1-SFS-MW-R-23

DESCRIPTION: Window Reveal with window set forward

DRAWN: AG
CHECK: DS
NTS@A3
DATE: Nov 22
REV: A

Note:

1. The EWI system illustrated are based on a typical system - All insulation thickness, mechanical fixing, beads trims, sealants to be in line with and refer to project M21 specification.
2. All main sheathing board joints to be sealed with RCM tape + Dafa tape.
3. Fixing patterns to be confirmed, subject to project wind loading, refer to project M21 specification.
4. Movement joint within the system and structure please refer to guidance note within M21 specification.
5. Air tightness and sealant detail between window / door to sheathing board / structure by others.



Sheathing board - Y-wall equal or approved.

Topcoat Envirosil silicone/
Enviromin mineral finish
over primer.

Insulation slab HD mineral wool

Breather Membrane

SPS Envirowall Envirorend
Basecoat 3-5mm with
glass-fibre mesh into top third

CS1 Fillet - A1 Fire Rated Packing Strip -
15x125mm @600mm max centres
subject to wind load calc's

Insulation Mechanical fixing

Deflector Channel with 1° Fall
SPSE Adhesive Tape and silicone
Seal Along Top.

Horizontal CS1 Fillet - A1 Fire Rated
Packing Strip, to be embedded/sealed
with fire rated mastic to close cavity.

PVC mesh-winged angle bead

Sealing Tape compressed by 2/3rds

benx
the future of façades
sps envirowall
RCM

Benx Ltd, Lonsdale Chambers,
Lonsdale Street,
Stoke-on-Trent
Staffordshire
ST4 4BT
Telephone: 0845 130 0983
Email:
technicalservices@benx.co.uk

All performance data & systems specifications are for systems constructed with materials & components as shown. The inclusion or substitution of any other manufactures materials or components invalidates both test data, system performance and compliance with CDM 2015. The information is provided and based upon details received,which are assumed to include all the relevant facts and data. While it is believed to be correct, we accept no liability for its accuracy, adequacy or completeness. Recipients must satisfy themselves as to its suitability as we do not accept responsibility for any claims or consequential loss. Acceptance of the content and subsequent design responsibility rests entirely with the recipients. Any subsequent design changes that affect the detail which we are not informed of in a written format will void this detail. None of the content may be copied without the prior approval from the Benx Group Technical Services Department. This statement should be read in conjunction with the standard terms and conditions of Benx Group.

REV	DATE	NOTE	BY
A	06/12/22	First Issue	AG
B	23/03/23	Deflector Channel with 1° Fall was 5° Fall	AG

STATUS: INFORMATION

PROJECT: ISO No: 5212
TYPICAL DETAILS CS1

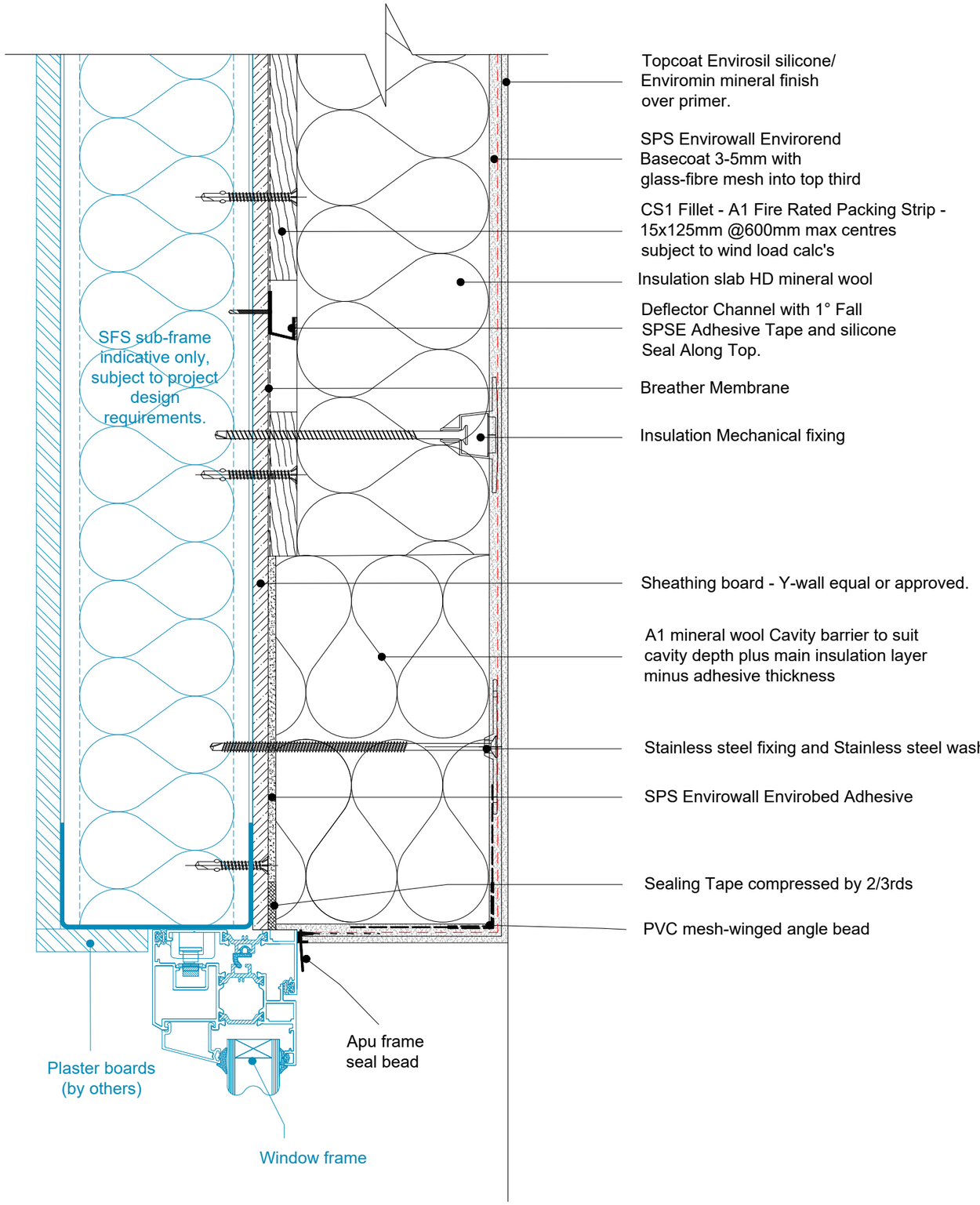
DRAWING No: TD-CS1-SFS-MW-R-24

DESCRIPTION:
Window Head with CS1 A1 fillet cavity closure

DRAWN: AG
CHECK: DS
NTS@A3
DATE: Nov 22
REV: B

Note:

1. The EWI system illustrated are based on a typical system - All insulation thickness, mechanical fixing, beads trims, sealants to be in line with and refer to project M21 specification.
2. All main sheathing board joints to be sealed with RCM tape + Dafa tape.
3. Fixing patterns to be confirmed, subject to project wind loading, refer to project M21 specification.
4. Movement joint within the system and structure please refer to guidance note within M21 specification.
5. Air tightness and sealant detail between window / door to sheathing board / structure by others.



benx the future of façades
sps envirowall TOTAL FAÇADE SOLUTIONS
RCM RAISING BOARDS & FACADES

Benx Ltd, Lonsdale Chambers,
Lonsdale Street,
Stoke-on-Trent
Staffordshire
ST4 4BT
Telephone: 0845 130 0983
Email:
technicalservices@benx.co.uk

All performance data & systems specifications are for systems constructed with materials & components as shown. The inclusion or substitution of any other manufactures materials or components invalidates both test data, system performance and compliance with CDM 2015. The information is provided and based upon details received,which are assumed to include all the relevant facts and data. While it is believed to be correct, we accept no liability for its accuracy, adequacy or completeness. Recipients must satisfy themselves as to its suitability as we do not accept responsibility for any claims or consequential loss. Acceptance of the content and subsequent design responsibility rests entirely with the recipients. Any subsequent design changes that affect the detail which we are not informed of in a written format will void this detail. None of the content may be copied without the prior approval from the Benx Group Technical Services Department. This statement should be read in conjunction with the standard terms and conditions of Benx Group.

REV	DATE	NOTE	BY
A	06/12/22	First Issue	AG
B	23/03/23	Deflector Channel with 1° Fall was 5° Fall	AG

STATUS: INFORMATION

PROJECT: TYPICAL DETAILS CS1 ISO No: 5212

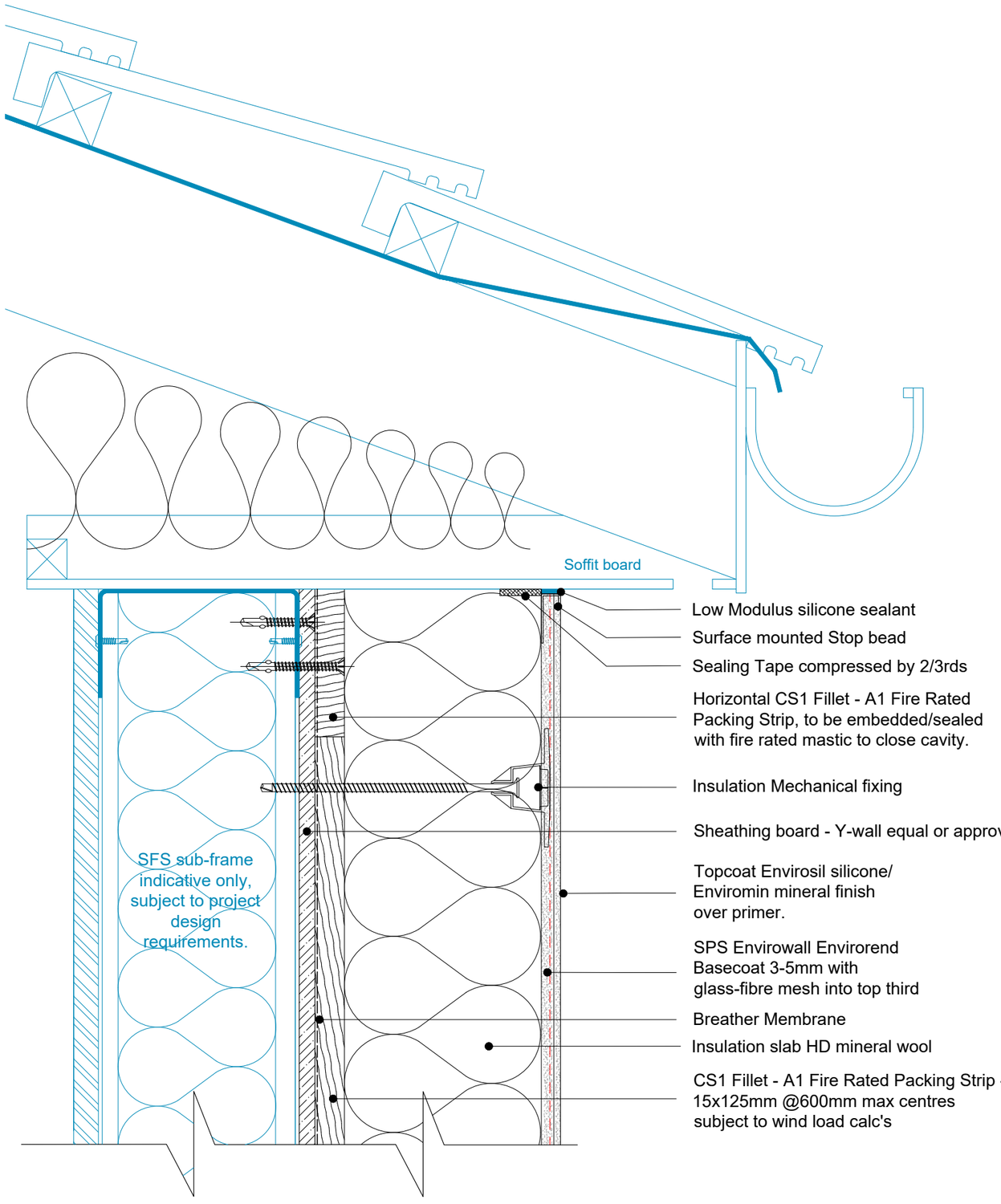
DRAWING No: TD-CS1-SFS-MW-R-25

DESCRIPTION: Window Head with Cavity barrier closure

DRAWN: AG
CHECK: DS
NTS@A3
DATE: Nov 22
REV: B

Note:

1. The EWI system illustrated are based on a typical system - All insulation thickness, mechanical fixing, beads trims, sealants to be in line with and refer to project M21 specification.
2. All main sheathing board joints to be sealed with RCM tape + Dafa tape.
3. Fixing patterns to be confirmed, subject to project wind loading, refer to project M21 specification.
4. Movement joint within the system and structure please refer to guidance note within M21 specification.



benx the future of façades
sps envirowall TOTAL FAÇADE SOLUTIONS
RCM RENDERING MORTARS & FACADES

Benx Ltd, Lonsdale Chambers,
Lonsdale Street,
Stoke-on-Trent
Staffordshire
ST4 4BT
Telephone: 0845 130 0983
Email:
technicalservices@benx.co.uk

All performance data & systems specifications are for systems constructed with materials & components as shown. The inclusion or substitution of any other manufactures materials or components invalidates both test data, system performance and compliance with CDM 2015. The information is provided and based upon details received,which are assumed to include all the relevant facts and data. While it is believed to be correct, we accept no liability for its accuracy, adequacy or completeness. Recipients must satisfy themselves as to its suitability as we do not accept responsibility for any claims or consequential loss. Acceptance of the content and subsequent design responsibility rests entirely with the recipients. Any subsequent design changes that affect the detail which we are not informed of in a written format will void this detail. None of the content may be copied without the prior approval from the Benx Group Technical Services Department. This statement should be read in conjunction with the standard terms and conditions of Benx Group.

REV	DATE	NOTE	BY
A	06/12/22	First Issue	AG

STATUS: INFORMATION

PROJECT: TYPICAL DETAILS CS1 ISO No: 5212

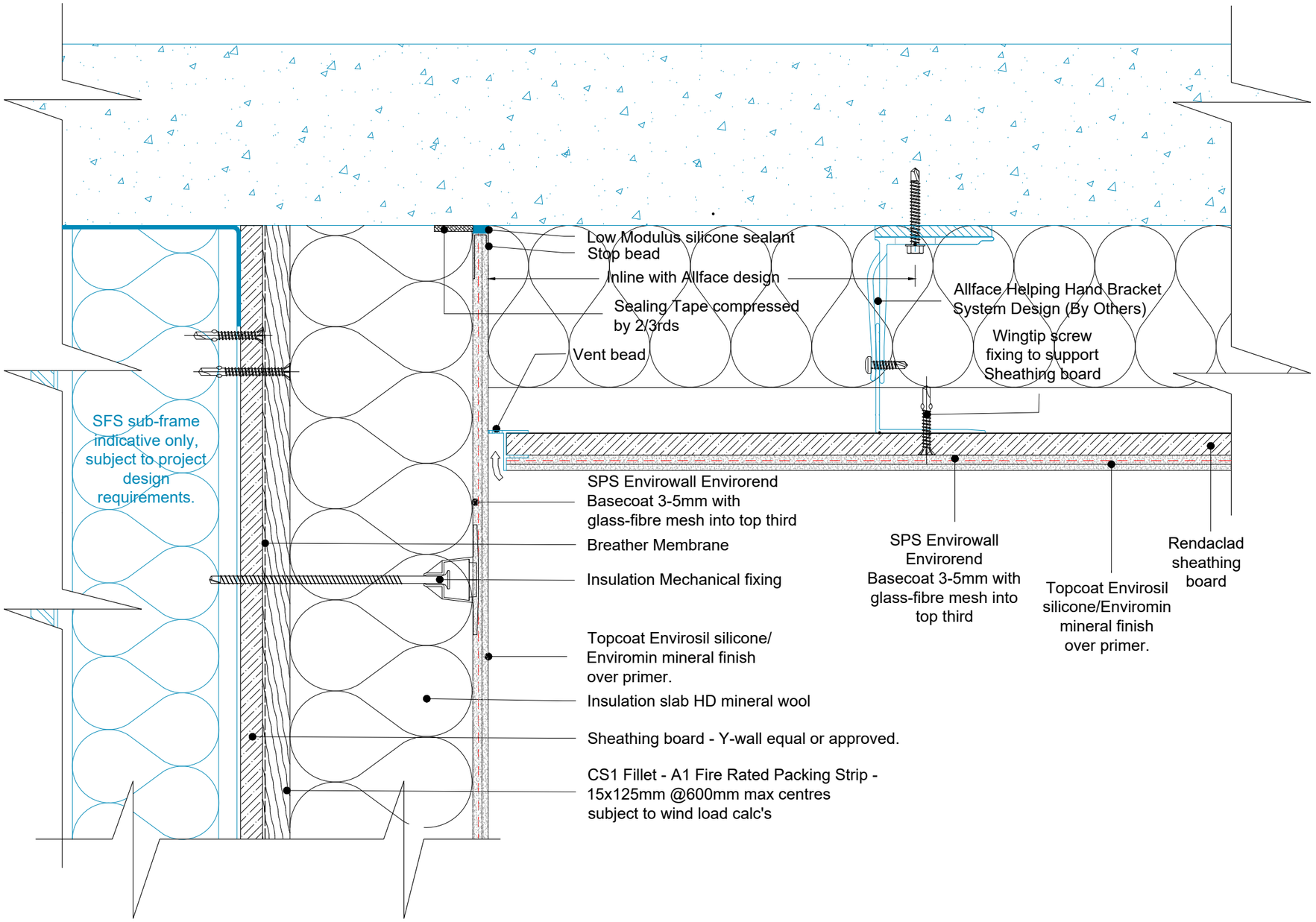
DRAWING No: TD-CS1-SFS-MW-R-26

DESCRIPTION: Soffit Detail

DRAWN: AG
CHECK: DS
NTS@A3
DATE: Nov 22
REV: A

Note:

1. The EWI system illustrated are based on a typical system - All insulation thickness, mechanical fixing, beads trims, sealants to be in line with and refer to project M21 specification.
2. All main sheathing board joints to be sealed with RCM tape + Dafa tape.
3. Fixing patterns to be confirmed, subject to project wind loading, refer to project M21 specification.
4. Movement joint within the system and structure please refer to guidance note within M21 specification.



benx the future of façades
sps envirowall TOTAL FAÇADE SOLUTIONS
RCM BUILDING BOARDS & FACADES

Benx Ltd, Lonsdale Chambers,
Lonsdale Street,
Stoke-on-Trent
Staffordshire
ST4 4BT
Telephone: 0845 130 0983
Email:
technicalservices@benx.co.uk

All performance data & systems specifications are for systems constructed with materials & components as shown. The inclusion or substitution of any other manufactures materials or components invalidates both test data, system performance and compliance with CDM 2015. The information is provided and based upon details received,which are assumed to include all the relevant facts and data. While it is believed to be correct, we accept no liability for its accuracy, adequacy or completeness. Recipients must satisfy themselves as to its suitability as we do not accept responsibility for any claims or consequential loss. Acceptance of the content and subsequent design responsibility rests entirely with the recipients. Any subsequent design changes that affect the detail which we are not informed of in a written format will void this detail. None of the content may be copied without the prior approval from the Benx Group Technical Services Department. This statement should be read in conjunction with the standard terms and conditions of Benx Group.

REV	DATE	NOTE	BY
A	06/12/22	First Issue	AG

STATUS: INFORMATION

PROJECT: TYPICAL DETAILS CS1 ISO No: 5212

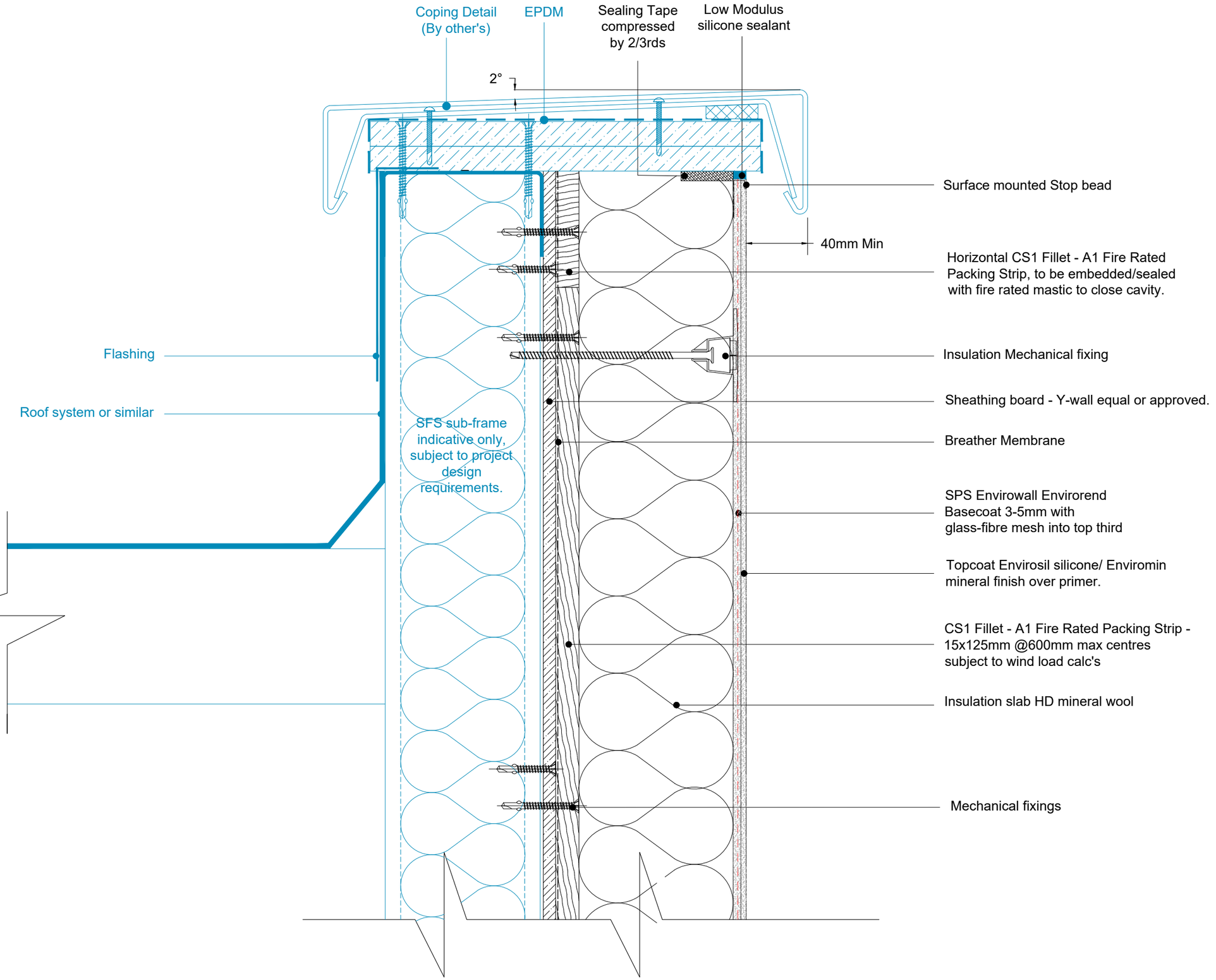
DRAWING No: TD-CS1-SFS-MW-R-27

DESCRIPTION: Suspended soffit Detail

DRAWN: AG
CHECK: DS
NTS@A3
DATE: Nov 22
REV: A

Note:

1. The EWI system illustrated are based on a typical system - All insulation thickness, mechanical fixing, beads trims, sealants to be in line with and refer to project M21 specification.
2. All main sheathing board joints to be sealed with RCM tape + Dafa tape.
3. Fixing patterns to be confirmed, subject to project wind loading, refer to project M21 specification.
4. Movement joint within the system and structure please refer to guidance note within M21 specification.



benx
the future of façades
sps envirowall
RCM

Benx Ltd, Lonsdale Chambers,
Lonsdale Street,
Stoke-on-Trent
Staffordshire
ST4 4BT
Telephone: 0845 130 0983
Email:
technicalservices@benx.co.uk

All performance data & systems specifications are for systems constructed with materials & components as shown. The inclusion or substitution of any other manufactures materials or components invalidates both test data, system performance and compliance with CDM 2015. The information is provided and based upon details received,which are assumed to include all the relevant facts and data. While it is believed to be correct, we accept no liability for its accuracy, adequacy or completeness. Recipients must satisfy themselves as to its suitability as we do not accept responsibility for any claims or consequential loss. Acceptance of the content and subsequent design responsibility rests entirely with the recipients. Any subsequent design changes that affect the detail which we are not informed of in a written format will void this detail. None of the content may be copied without the prior approval from the Benx Group Technical Services Department. This statement should be read in conjunction with the standard terms and conditions of Benx Group.

REV	DATE	NOTE	BY
A	06/12/22	First Issue	AG
B	23/03/23	Horizontal CS1 Fillet - A1 Fire Rated added at top	AG

STATUS: INFORMATION

PROJECT: TYPICAL DETAILS CS1 ISO No: 5212

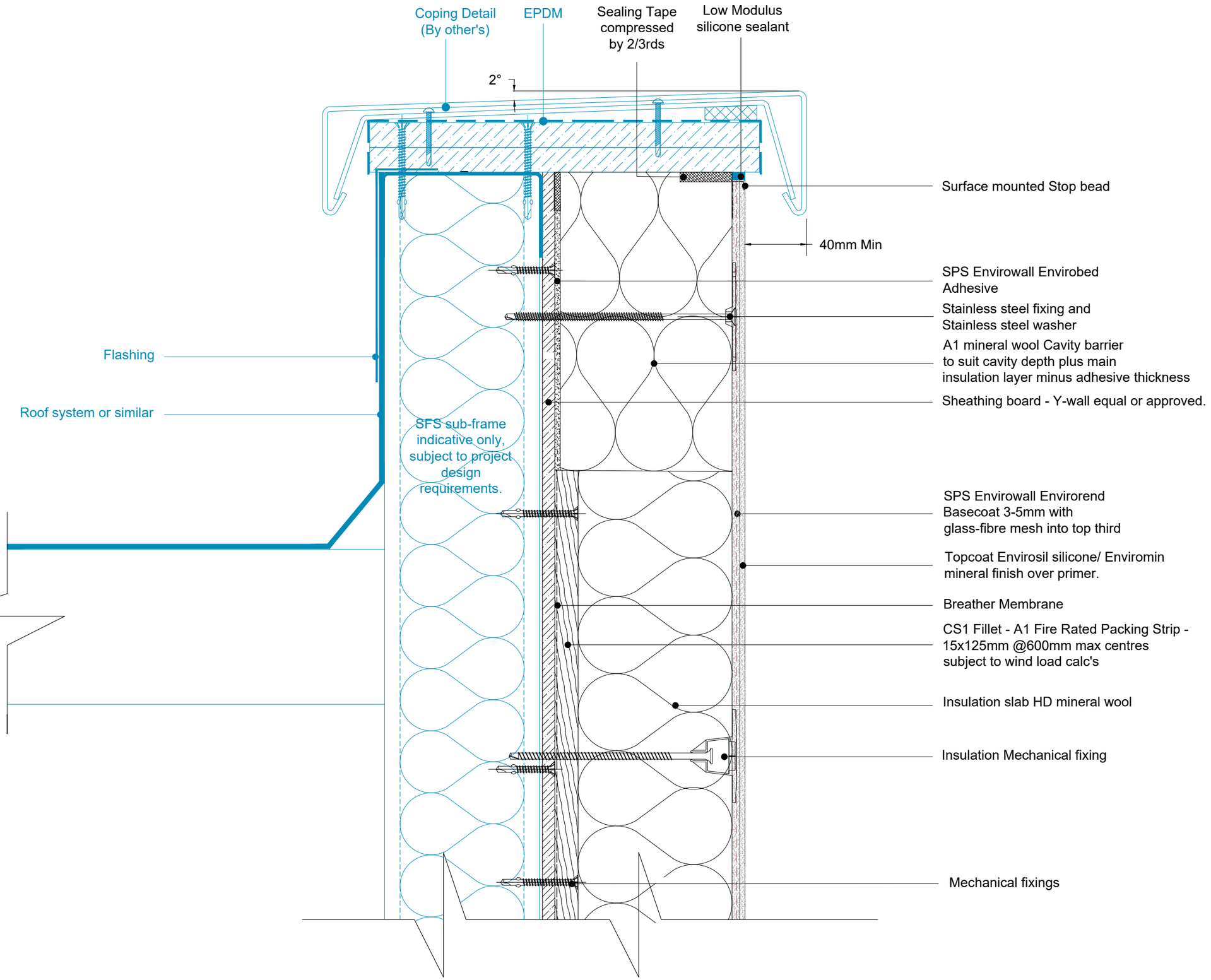
DRAWING No: TD-CS1-SFS-MW-R-28

DESCRIPTION: Coping Detail

DRAWN: AG
CHECK: DS
NTS@A3
DATE: Nov 22
REV: B

Note:

1. The EWI system illustrated are based on a typical system - All insulation thickness, mechanical fixing, beads trims, sealants to be in line with and refer to project M21 specification.
2. All main sheathing board joints to be sealed with RCM tape + Dafa tape.
3. Fixing patterns to be confirmed, subject to project wind loading, refer to project M21 specification.
4. Movement joint within the system and structure please refer to guidance note within M21 specification.



benx
the future of façades
sps envirowall
RCM

Benx Ltd, Lonsdale Chambers,
Lonsdale Street,
Stoke-on-Trent
Staffordshire
ST4 4BT
Telephone: 0845 130 0983
Email:
technicalservices@benx.co.uk

All performance data & systems specifications are for systems constructed with materials & components as shown. The inclusion or substitution of any other manufactures materials or components invalidates both test data, system performance and compliance with CDM 2015. The information is provided and based upon details received,which are assumed to include all the relevant facts and data. While it is believed to be correct, we accept no liability for its accuracy, adequacy or completeness. Recipients must satisfy themselves as to its suitability as we do not accept responsibility for any claims or consequential loss. Acceptance of the content and subsequent design responsibility rests entirely with the recipients. Any subsequent design changes that affect the detail which we are not informed of in a written format will void this detail. None of the content may be copied without the prior approval from the Benx Group Technical Services Department. This statement should be read in conjunction with the standard terms and conditions of Benx Group.

REV	DATE	NOTE	BY
A	30/05/23	First Issue	AG

STATUS: INFORMATION

PROJECT: TYPICAL DETAILS CS1 ISO No: 5212

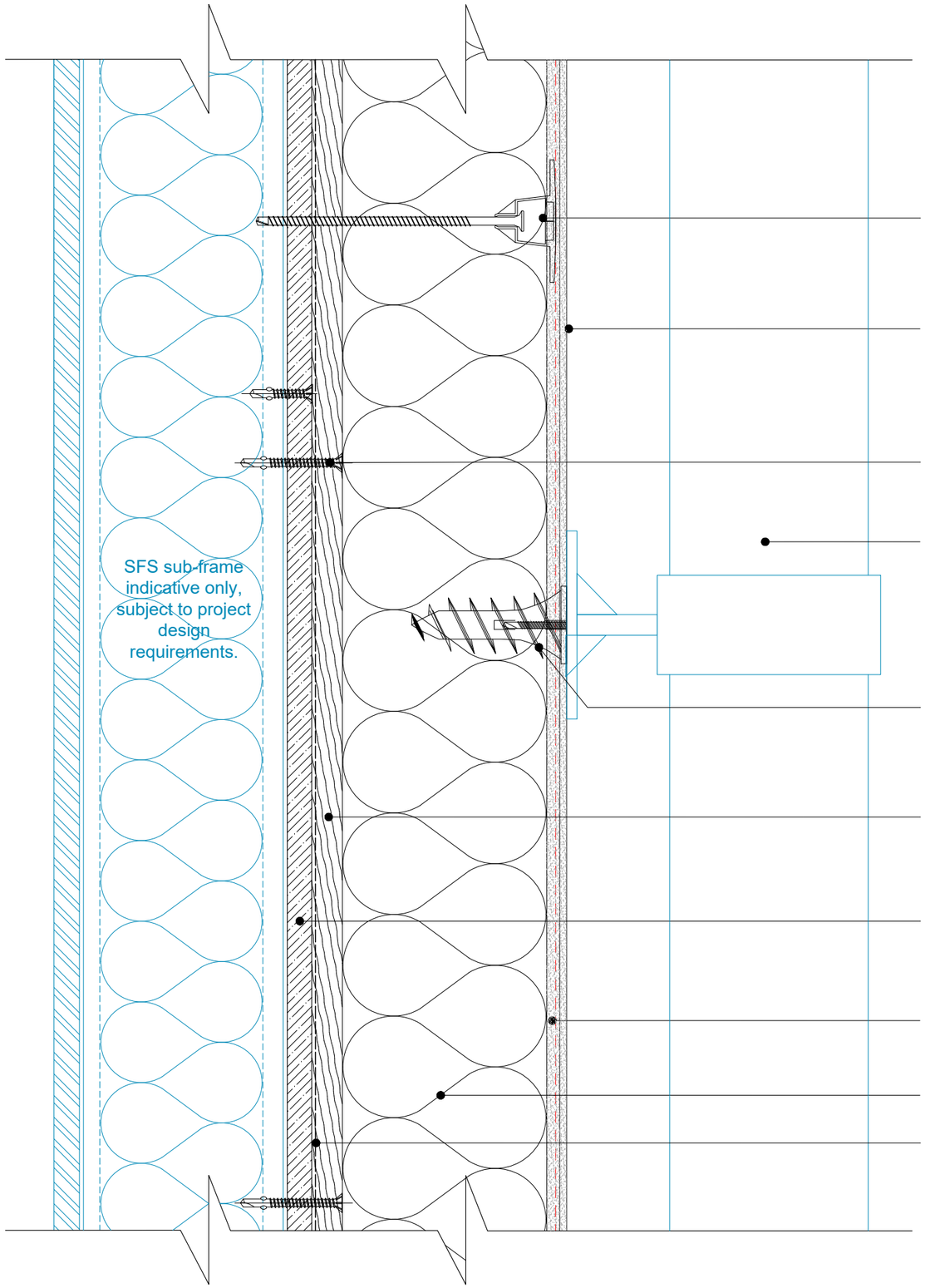
DRAWING No: TD-CS1-SFS-MW-R-28B

DESCRIPTION: Coping Detail with Mineral wool cavity stop

DRAWN: AG
CHECK: JT
NTS@A3
DATE: May 23
REV: A

Note:

1. The EWI system illustrated are based on a typical system - All insulation thickness, mechanical fixing, beads trims, sealants to be in line with and refer to project M21 specification.
2. All main sheathing board joints to be sealed with RCM tape + Dafa tape.
3. Fixing patterns to be confirmed, subject to project wind loading, refer to project M21 specification.
4. Movement joint within the system and structure please refer to guidance note within M21 specification.



Insulation Mechanical fixing

Topcoat Envirosil silicone/ Enviromin mineral finish over primer.

Mechanical fixings

Rain water pipe.

Install proprietary plastic spiral anchors into system with additional stainless steel screw (Up to 5kg Max Weight Load)

CS1 Fillet - A1 Fire Rated Packing Strip - 15x125mm @600mm max centres subject to wind load calc's

Sheathing board - Y-wall equal or approved.

SPS Envirowall Envirorend Basecoat 3-5mm with glass-fibre mesh into top third

Insulation slab HD mineral wool

Breather Membrane

benx the future of façades
sps envirowall TOTAL FAÇADE SOLUTIONS
RCM RENDING SCHEMES & FACADES

Benx Ltd, Lonsdale Chambers,
Lonsdale Street,
Stoke-on-Trent
Staffordshire
ST4 4BT
Telephone: 0845 130 0983
Email:
technicalservices@benx.co.uk

All performance data & systems specifications are for systems constructed with materials & components as shown. The inclusion or substitution of any other manufactures materials or components invalidates both test data, system performance and compliance with CDM 2015. The information is provided and based upon details received,which are assumed to include all the relevant facts and data. While it is believed to be correct, we accept no liability for its accuracy, adequacy or completeness. Recipients must satisfy themselves as to its suitability as we do not accept responsibility for any claims or consequential loss. Acceptance of the content and subsequent design responsibility rests entirely with the recipients. Any subsequent design changes that affect the detail which we are not informed of in a written format will void this detail. None of the content may be copied without the prior approval from the Benx Group Technical Services Department. This statement should be read in conjunction with the standard terms and conditions of Benx Group.

REV	DATE	NOTE	BY
A	06/12/22	First Issue	AG

STATUS: INFORMATION

PROJECT: TYPICAL DETAILS CS1 ISO No: 5212

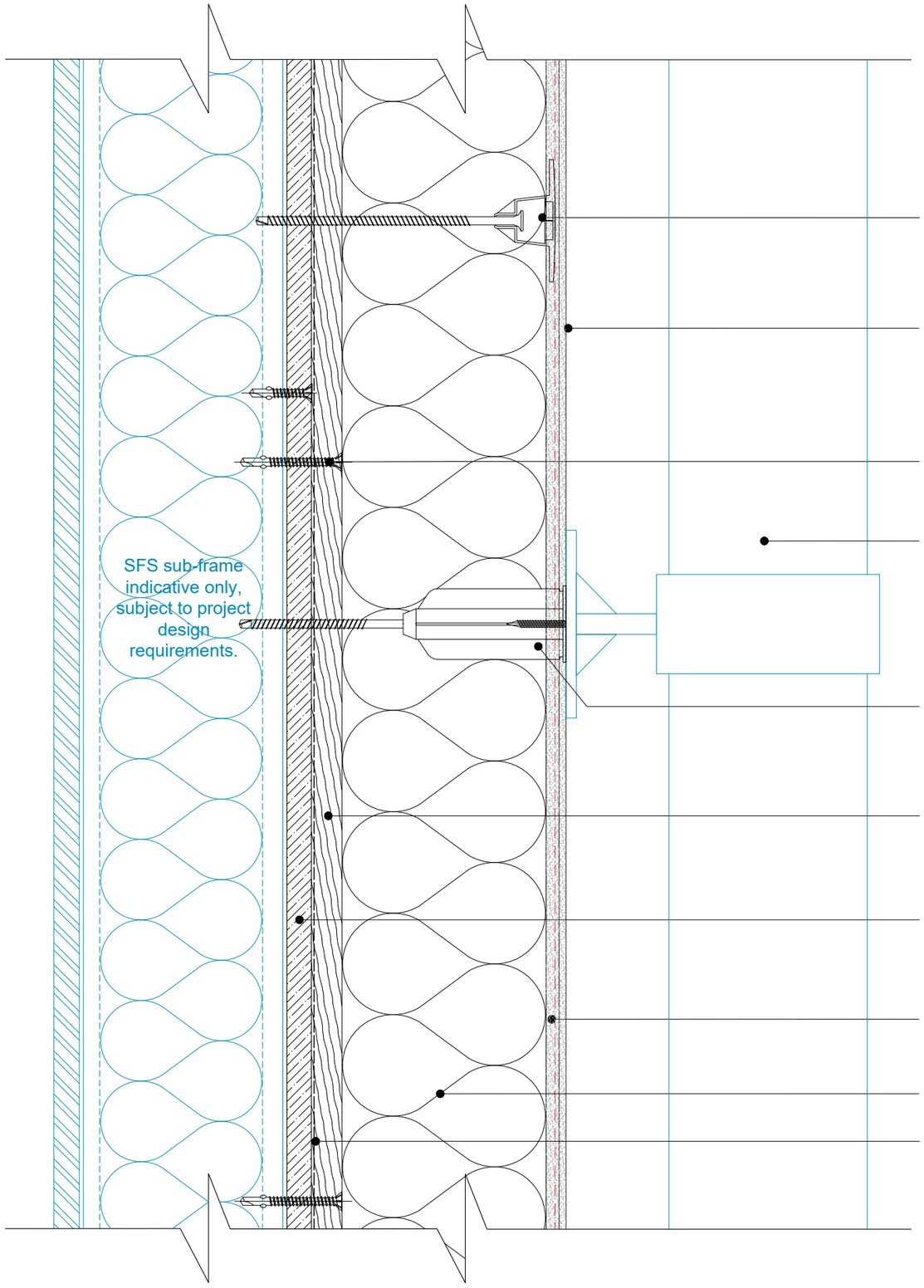
DRAWING No: TD-CS1-SFS-MW-R-29

DESCRIPTION: Light weight attachment fixing detail (Opt 1)

DRAWN: AG
CHECK: DS
NTS@A3
DATE: Aug 22
REV: A

Note:

1. The EWI system illustrated are based on a typical system - All insulation thickness, mechanical fixing, beads trims, sealants to be in line with and refer to project M21 specification.
2. All main sheathing board joints to be sealed with RCM tape + Dafa tape.
3. Fixing patterns to be confirmed, subject to project wind loading, refer to project M21 specification.
4. Movement joint within the system and structure please refer to guidance note within M21 specification.



Insulation Mechanical fixing

Topcoat Envirosil silicone/ Enviromin mineral finish over primer.

Mechanical fixings

Rain water pipe.

Install Ejot Dart fixing into system with additional stainless steel screw (Up to 10kg Max Weight Load)

CS1 Fillet - A1 Fire Rated Packing Strip - 15x125mm @600mm max centres subject to wind load calc's

Sheathing board - Y-wall equal or approved.

SPS Envirowall Envirorend Basecoat 3-5mm with glass-fibre mesh into top third

Insulation slab HD mineral wool

Breather Membrane

benx
the future of façades
sps envirowall
RCM

Benx Ltd, Lonsdale Chambers,
Lonsdale Street,
Stoke-on-Trent
Staffordshire
ST4 4BT
Telephone: 0845 130 0983
Email:
technicalservices@benx.co.uk

All performance data & systems specifications are for systems constructed with materials & components as shown. The inclusion or substitution of any other manufactures materials or components invalidates both test data, system performance and compliance with CDM 2015. The information is provided and based upon details received,which are assumed to include all the relevant facts and data. While it is believed to be correct, we accept no liability for its accuracy, adequacy or completeness. Recipients must satisfy themselves as to its suitability as we do not accept responsibility for any claims or consequential loss. Acceptance of the content and subsequent design responsibility rests entirely with the recipients. Any subsequent design changes that affect the detail which we are not informed of in a written format will void this detail. None of the content may be copied without the prior approval from the Benx Group Technical Services Department. This statement should be read in conjunction with the standard terms and conditions of Benx Group.

REV	DATE	NOTE	BY
A	06/12/22	First Issue	AG

STATUS: INFORMATION

PROJECT: TYPICAL DETAILS CS1 ISO No: 5212

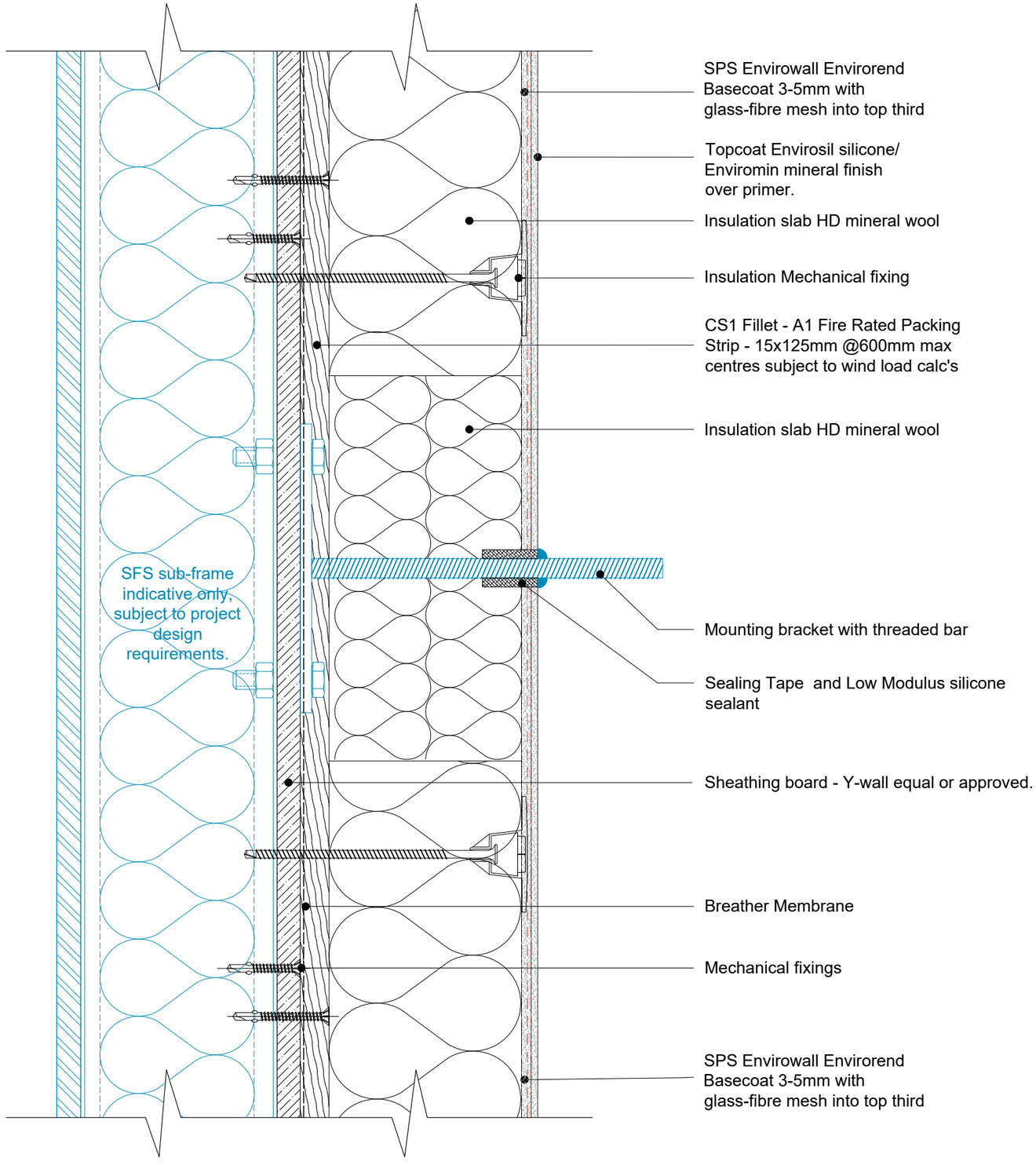
DRAWING No: TD-CS1-SFS-MW-R-30

DESCRIPTION: MEDIUM WEIGHT ATTACHMENT FIXING DETAIL (OPT 2)

DRAWN: AG
CHECK: DS
NTS@A3
DATE: Aug 22
REV: A

Note:

1. The EWI system illustrated are based on a typical system - All insulation thickness, mechanical fixing, beads trims, sealants to be in line with and refer to project M21 specification.
2. All main sheathing board joints to be sealed with RCM tape + Dafa tape.
3. Fixing patterns to be confirmed, subject to project wind loading, refer to project M21 specification.
4. Movement joint within the system and structure please refer to guidance note within M21 specification.



benx the future of façades
sps envirowall TOTAL FAÇADE SOLUTIONS
RCM BUILDING BOARDS & FACADES

Benx Ltd, Lonsdale Chambers,
Lonsdale Street,
Stoke-on-Trent
Staffordshire
ST4 4BT
Telephone: 0845 130 0983
Email:
technicalservices@benx.co.uk

All performance data & systems specifications are for systems constructed with materials & components as shown. The inclusion or substitution of any other manufactures materials or components invalidates both test data, system performance and compliance with CDM 2015. The information is provided and based upon details received,which are assumed to include all the relevant facts and data. While it is believed to be correct, we accept no liability for its accuracy, adequacy or completeness. Recipients must satisfy themselves as to its suitability as we do not accept responsibility for any claims or consequential loss. Acceptance of the content and subsequent design responsibility rests entirely with the recipients. Any subsequent design changes that affect the detail which we are not informed of in a written format will void this detail. None of the content may be copied without the prior approval from the Benx Group Technical Services Department. This statement should be read in conjunction with the standard terms and conditions of Benx Group.

REV	DATE	NOTE	BY
A	06/12/22	First Issue	AG

STATUS: INFORMATION

PROJECT: TYPICAL DETAILS CS1 ISO No: 5212

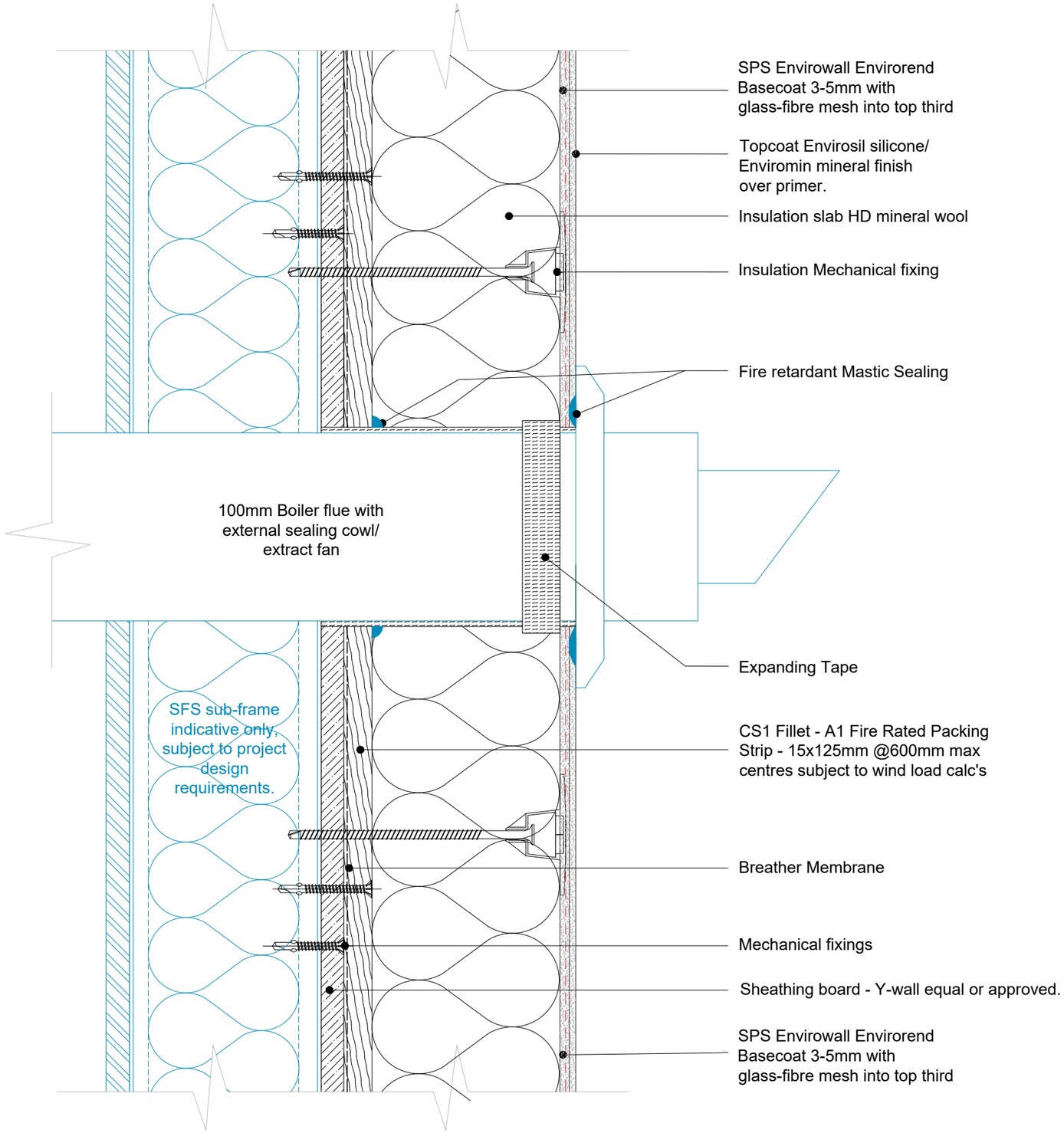
DRAWING No: TD-CS1-SFS-MW-R-31

DESCRIPTION: HEAVY DUTY MOUNTING BRACKET

DRAWN: AG
CHECK: DS
NTS@A3
DATE: Nov 22
REV: A

Note:

1. The EWI system illustrated are based on a typical system - All insulation thickness, mechanical fixing, beads trims, sealants to be in line with and refer to project M21 specification.
2. All main sheathing board joints to be sealed with RCM tape + Dafa tape.
3. Fixing patterns to be confirmed, subject to project wind loading, refer to project M21 specification.
4. Movement joint within the system and structure please refer to guidance note within M21 specification.



benx the future of façades
sps envirowall TOTAL FAÇADE SOLUTIONS
RCM BUILDING BONDED & FACADES

Benx Ltd, Lonsdale Chambers,
Lonsdale Street,
Stoke-on-Trent
Staffordshire
ST4 4BT
Telephone: 0845 130 0983
Email:
technicalservices@benx.co.uk

All performance data & systems specifications are for systems constructed with materials & components as shown. The inclusion or substitution of any other manufactures materials or components invalidates both test data, system performance and compliance with CDM 2015. The information is provided and based upon details received,which are assumed to include all the relevant facts and data. While it is believed to be correct, we accept no liability for its accuracy, adequacy or completeness. Recipients must satisfy themselves as to its suitability as we do not accept responsibility for any claims or consequential loss. Acceptance of the content and subsequent design responsibility rests entirely with the recipients. Any subsequent design changes that affect the detail which we are not informed of in a written format will void this detail. None of the content may be copied without the prior approval from the Benx Group Technical Services Department. This statement should be read in conjunction with the standard terms and conditions of Benx Group.

REV	DATE	NOTE	BY
A	06/12/22	First Issue	AG

STATUS: INFORMATION

PROJECT: TYPICAL DETAILS CS1 ISO No: 5212

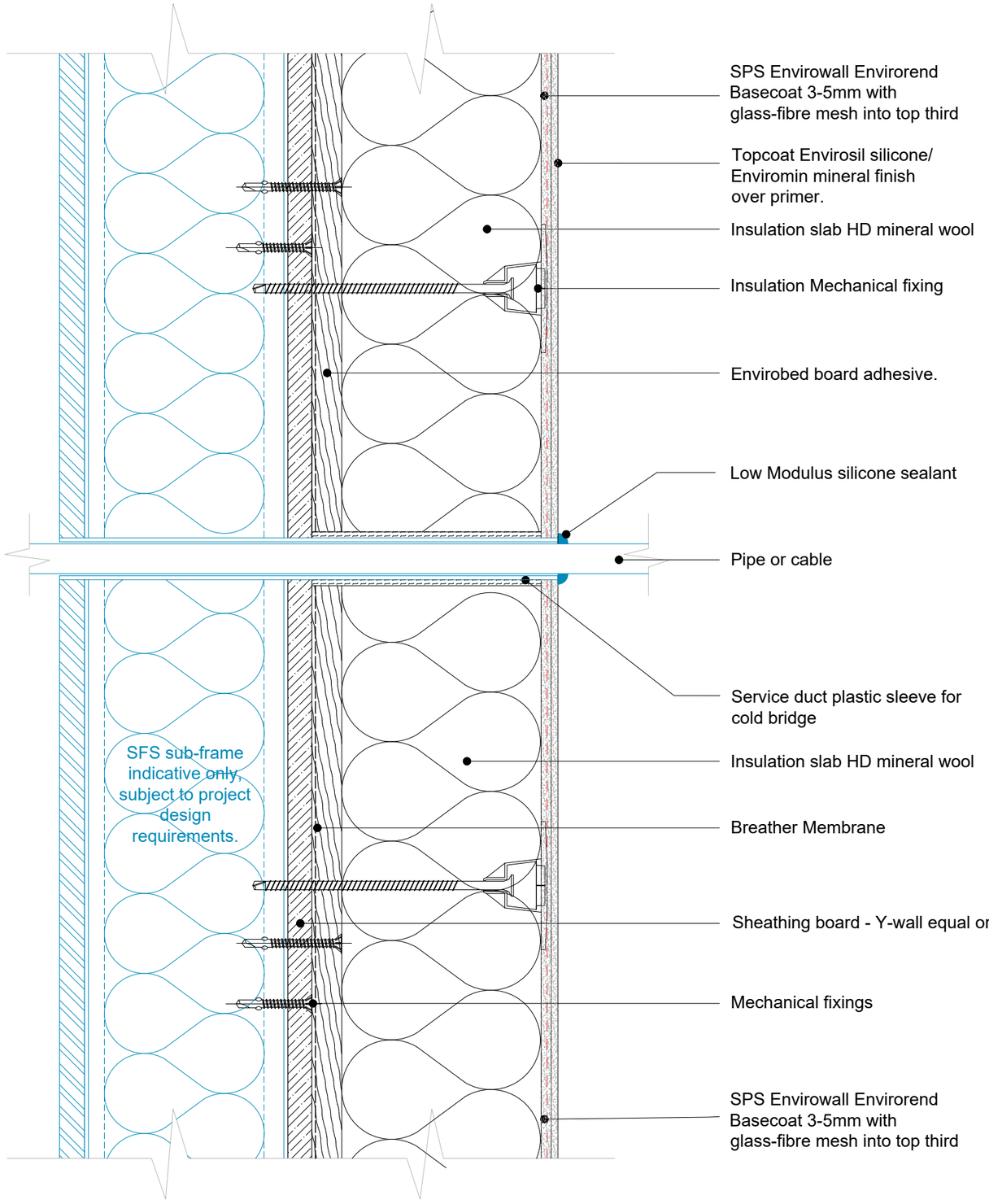
DRAWING No: TD-CS1-SFS-MW-R-32

DESCRIPTION: BOILER FLUE OR EXTRACT FAN DETAILS

DRAWN: AG
CHECK: DS
NTS@A3
DATE: Aug 22
REV: A

Note:

1. The EWI system illustrated are based on a typical system - All insulation thickness, mechanical fixing, beads trims, sealants to be in line with and refer to project M21 specification.
2. All main sheathing board joints to be sealed with RCM tape + Dafa tape.
3. Fixing patterns to be confirmed, subject to project wind loading, refer to project M21 specification.
4. Movement joint within the system and structure please refer to guidance note within M21 specification.



benx
the future of façades
sps envirowall
RCM

Benx Ltd, Lonsdale Chambers,
Lonsdale Street,
Stoke-on-Trent
Staffordshire
ST4 4BT
Telephone: 0845 130 0983
Email:
technicalservices@benx.co.uk

All performance data & systems specifications are for systems constructed with materials & components as shown. The inclusion or substitution of any other manufactures materials or components invalidates both test data, system performance and compliance with CDM 2015. The information is provided and based upon details received,which are assumed to include all the relevant facts and data. While it is believed to be correct, we accept no liability for its accuracy, adequacy or completeness. Recipients must satisfy themselves as to its suitability as we do not accept responsibility for any claims or consequential loss. Acceptance of the content and subsequent design responsibility rests entirely with the recipients. Any subsequent design changes that affect the detail which we are not informed of in a written format will void this detail. None of the content may be copied without the prior approval from the Benx Group Technical Services Department. This statement should be read in conjunction with the standard terms and conditions of Benx Group.

REV	DATE	NOTE	BY
A	06/12/22	First Issue	AG

STATUS: INFORMATION

PROJECT: TYPICAL DETAILS CS1 ISO No: 5212

DRAWING No: TD-CS1-SFS-MW-R-33

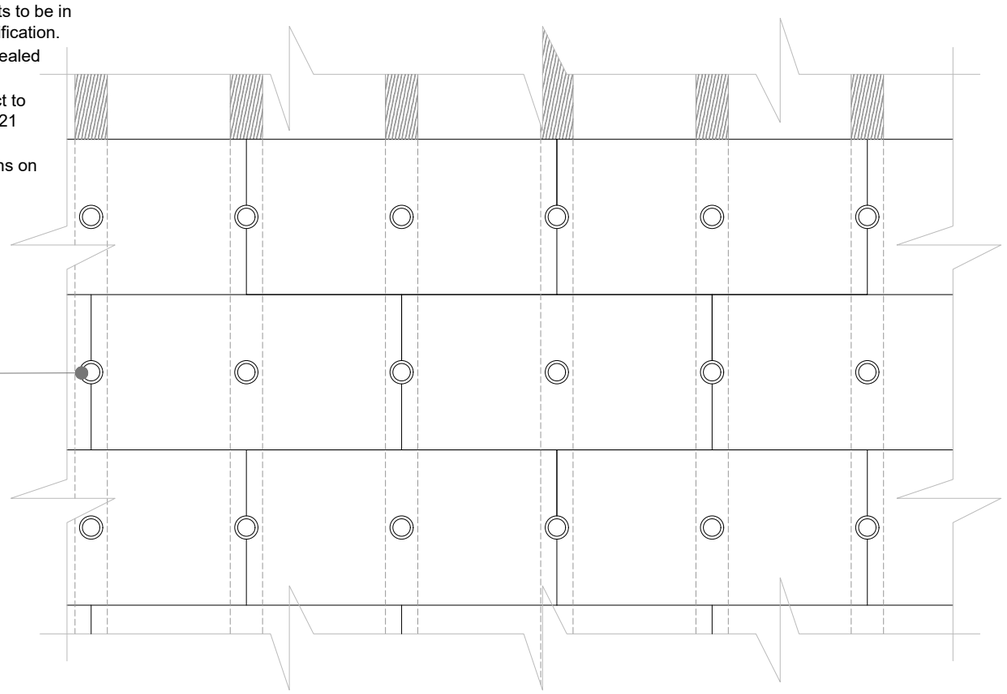
DESCRIPTION: PIPE OR CABLE DETAIL

DRAWN: AG
CHECK: DS
NTS@A3
DATE: Aug 22
REV: A

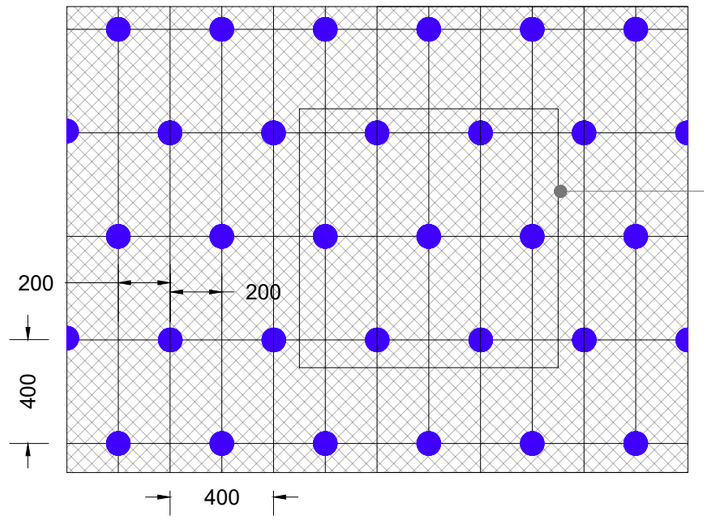
Note:

1. The EWI system illustrated are based on a typical system - All insulation thickness, mechanical fixing, beads trims, sealants to be in line with and refer to project M21 specification.
2. All main sheathing board joints to be sealed with RCM tape + Dafa tape.
3. Fixing patterns to be confirmed, subject to project wind loading, refer to project M21 specification.
4. Please refer to wind loading calculations on contract.

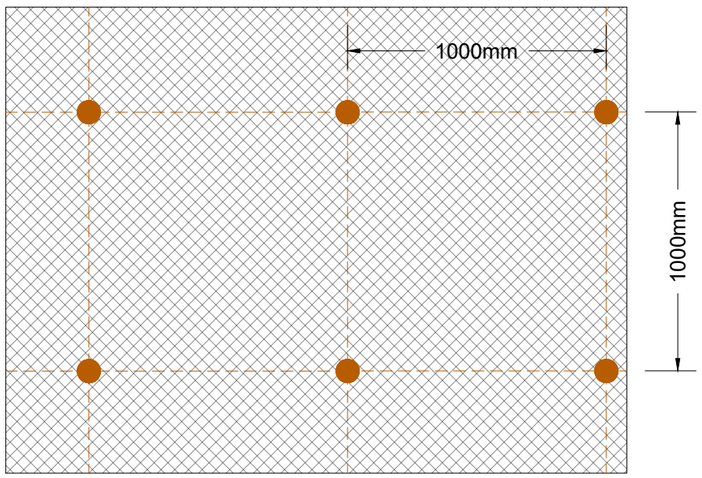
Stage 1
First fix

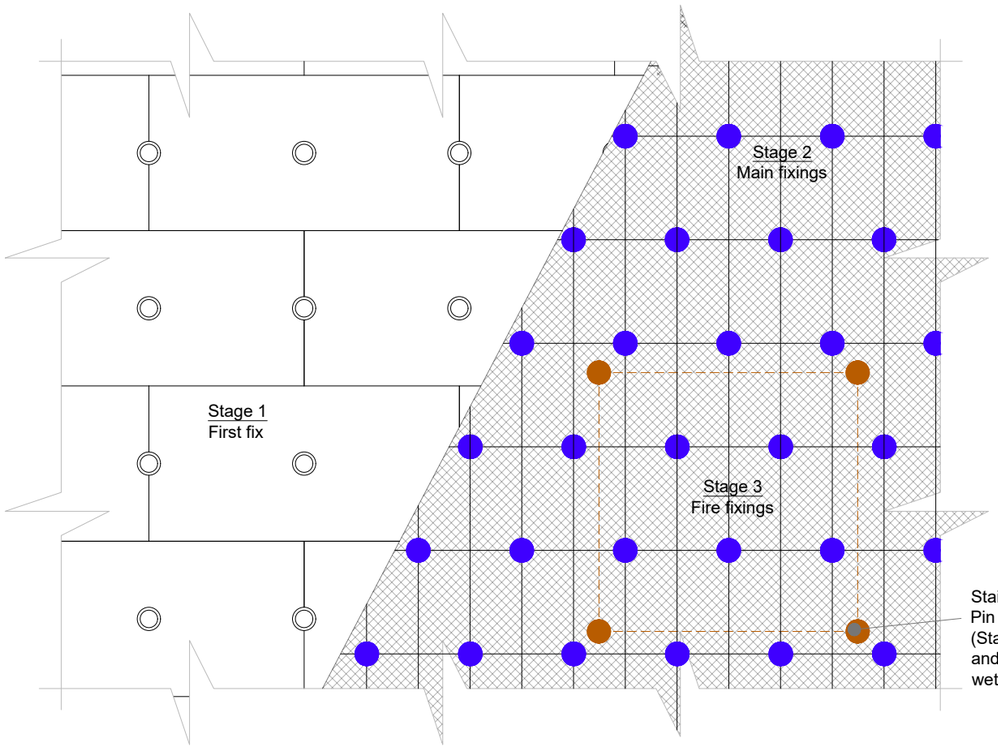


Stage 2
Main fixings



Stage 3
Fire fixings





Design Wind Load Values	Number of fixings (Per M²)	Design Resistance (KN)
3.3	8	0.39*
2.6	7	
1.95	5	

benx
the future of façades
sps envirowall TOTAL FAÇADE SOLUTIONS
RCM RAISING STANDARDS IN FACADES

Benx Ltd, Lonsdale Chambers,
Lonsdale Street,
Stoke-on-Trent
Staffordshire
ST4 4BT
Telephone: 0845 130 0983
Email:
technicalservices@benx.co.uk

All performance data & systems specifications are for systems constructed with materials & components as shown. The inclusion or substitution of any other manufactures materials or components invalidates both test data, system performance and compliance with CDM 2015. The information is provided and based upon details received,which are assumed to include all the relevant facts and data. While it is believed to be correct, we accept no liability for its accuracy, adequacy or completeness. Recipients must satisfy themselves as to its suitability as we do not accept responsibility for any claims or consequential loss. Acceptance of the content and subsequent design responsibility rests entirely with the recipients. Any subsequent design changes that affect the detail which we are not informed of in a written format will void this detail. None of the content may be copied without the prior approval from the Benx Group Technical Services Department. This statement should be read in conjunction with the standard terms and conditions of Benx Group.

REV	DATE	NOTE	BY
A	06/12/22	First Issue	AG
B	06/12/23	Fixings through wet base coated mesh added	AG

STATUS: INFORMATION

PROJECT: TYPICAL DETAILS CS1 ISO No: 5212

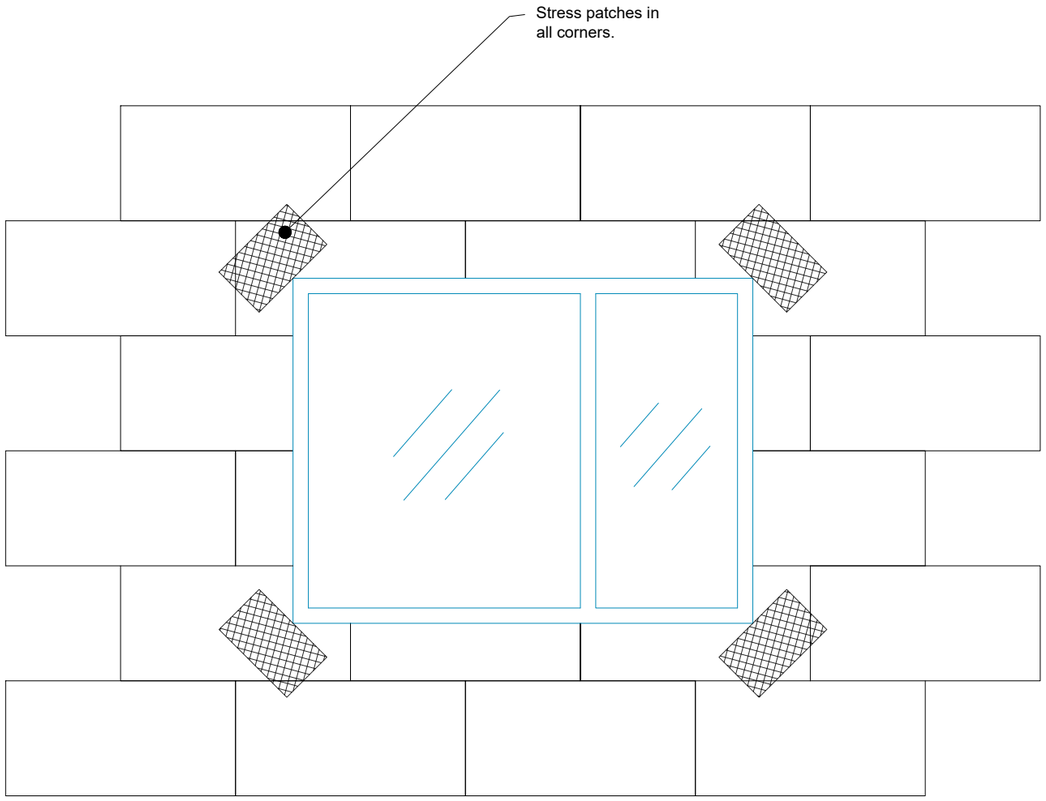
DRAWING No: TD-CS1- SFS-MW-R-34

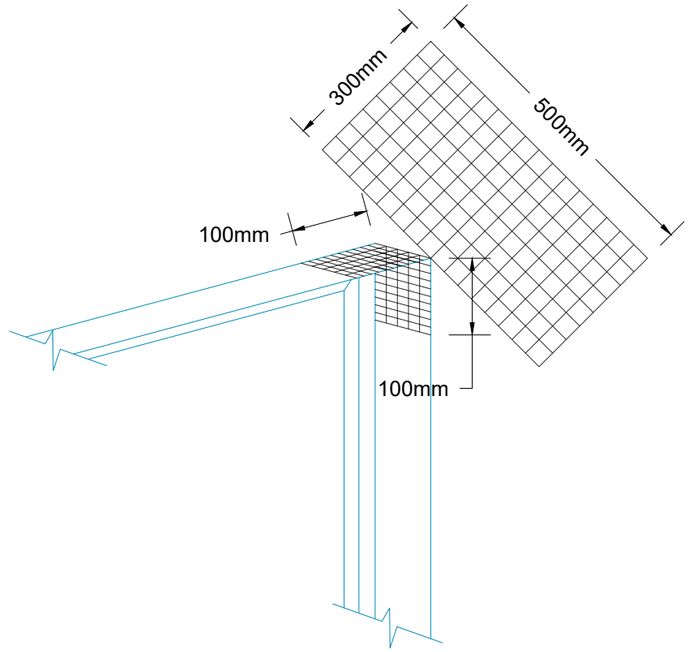
DESCRIPTION: FIXING PATTERN THROUGH MESHED BASECOAT

DRAWN: AG
CHECK: DS
NTS@A3
DATE: Nov 22
REV: B

Note:

1. The EWI system illustrated are based on a typical system - All insulation thickness, mechanical fixing, beads trims, sealants to be in line with and refer to project M21 specification.
2. All main sheathing board joints to be sealed with RCM tape + Dafa tape.
3. Fixing patterns to be confirmed, subject to project wind loading, refer to project M21 specification.
4. Please refer to wind loading calculations on contract.





Benx Ltd, Lonsdale Chambers,
Lonsdale Street,
Stoke-on-Trent
Staffordshire
ST4 4BT
Telephone: 0845 130 0983
Email:
technicalservices@benx.co.uk

All performance data & systems specifications are for systems constructed with materials & components as shown. The inclusion or substitution of any other manufactures materials or components invalidates both test data, system performance and compliance with CDM 2015. The information is provided and based upon details received,which are assumed to include all the relevant facts and data. While it is believed to be correct, we accept no liability for its accuracy, adequacy or completeness. Recipients must satisfy themselves as to its suitability as we do not accept responsibility for any claims or consequential loss. Acceptance of the content and subsequent design responsibility rests entirely with the recipients. Any subsequent design changes that affect the detail which we are not informed of in a written format will void this detail. None of the content may be copied without the prior approval from the Benx Group Technical Services Department. This statement should be read in conjunction with the standard terms and conditions of Benx Group.

REV	DATE	NOTE	BY
A	06/12/22	First Issue	AG

STATUS: INFORMATION

PROJECT: TYPICAL DETAILS CS1 ISO No: 5212

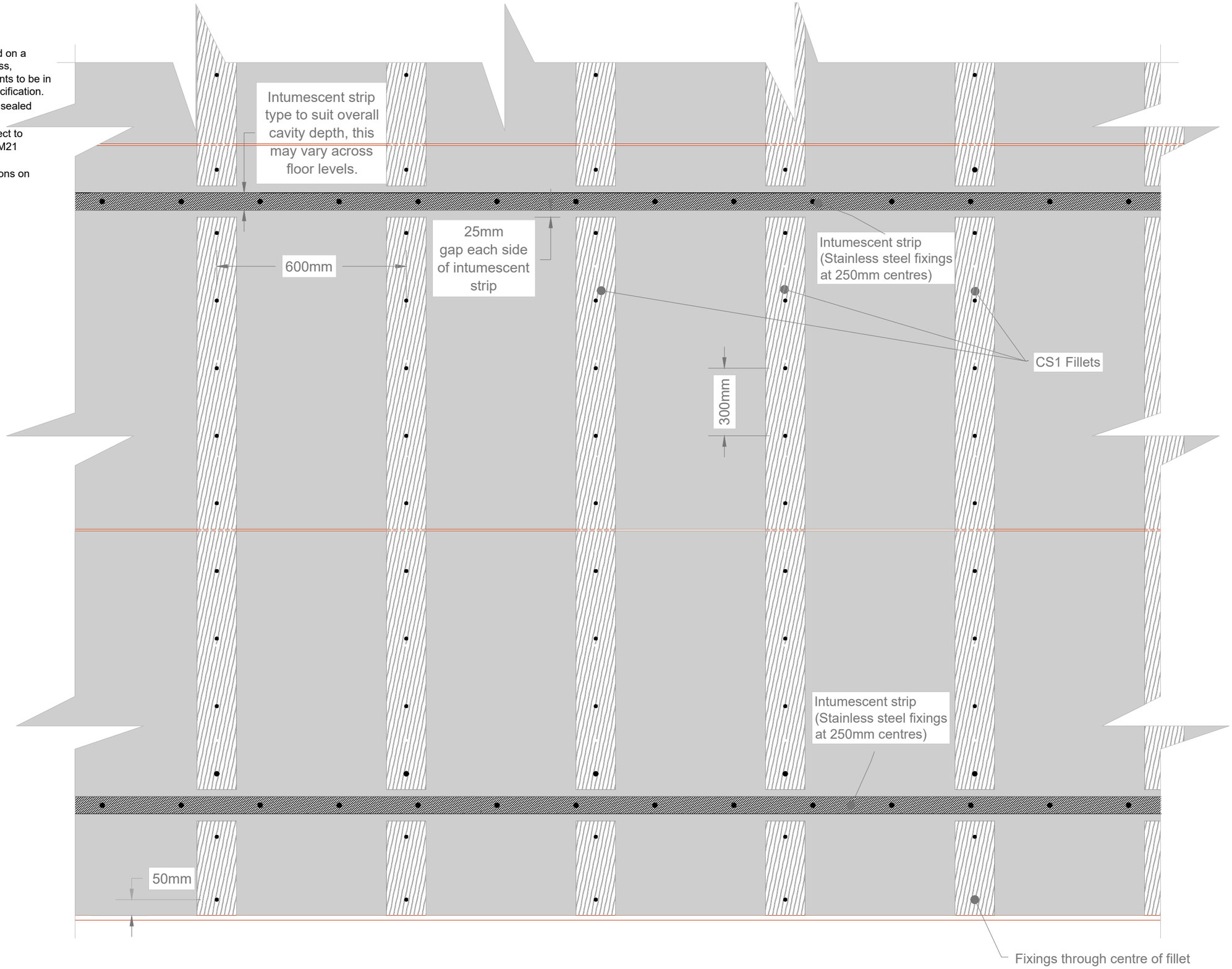
DRAWING No: TD-CS1-SFS-MW-R-35

DESCRIPTION: STRESS PATCHES

DRAWN: AG
CHECK: DS
NTS@A3
DATE: Nov 22
REV: A

Note:

1. The EWI system illustrated are based on a typical system - All insulation thickness, mechanical fixing, beads trims, sealants to be in line with and refer to project M21 specification.
2. All main sheathing board joints to be sealed with RCM tape + Dafa tape.
3. Fixing patterns to be confirmed, subject to project wind loading, refer to project M21 specification.
4. Please refer to wind loading calculations on contract.



benx
the future of façades
sps envirowall
RCM

Benx Ltd, Lonsdale Chambers,
Lonsdale Street,
Stoke-on-Trent
Staffordshire
ST4 4BT
Telephone: 0845 130 0983
Email:
technicalservices@benx.co.uk

All performance data & systems specifications are for systems constructed with materials & components as shown. The inclusion or substitution of any other manufactures materials or components invalidates both test data, system performance and compliance with CDM 2015. The information is provided and based upon details received,which are assumed to include all the relevant facts and data. While it is believed to be correct, we accept no liability for its accuracy, adequacy or completeness. Recipients must satisfy themselves as to its suitability as we do not accept responsibility for any claims or consequential loss. Acceptance of the content and subsequent design responsibility rests entirely with the recipients. Any subsequent design changes that affect the detail which we are not informed of in a written format will void this detail. None of the content may be copied without the prior approval from the Benx Group Technical Services Department. This statement should be read in conjunction with the standard terms and conditions of Benx Group.

REV	DATE	NOTE	BY
A	06/12/22	First Issue	AG

STATUS: INFORMATION

PROJECT: TYPICAL DETAILS CS1 ISO No: 5212

DRAWING No: TD-CS1-SFS-MW-R-36

DESCRIPTION: FILLET FIXING DETAILS

DRAWN: AG

CHECK: DS

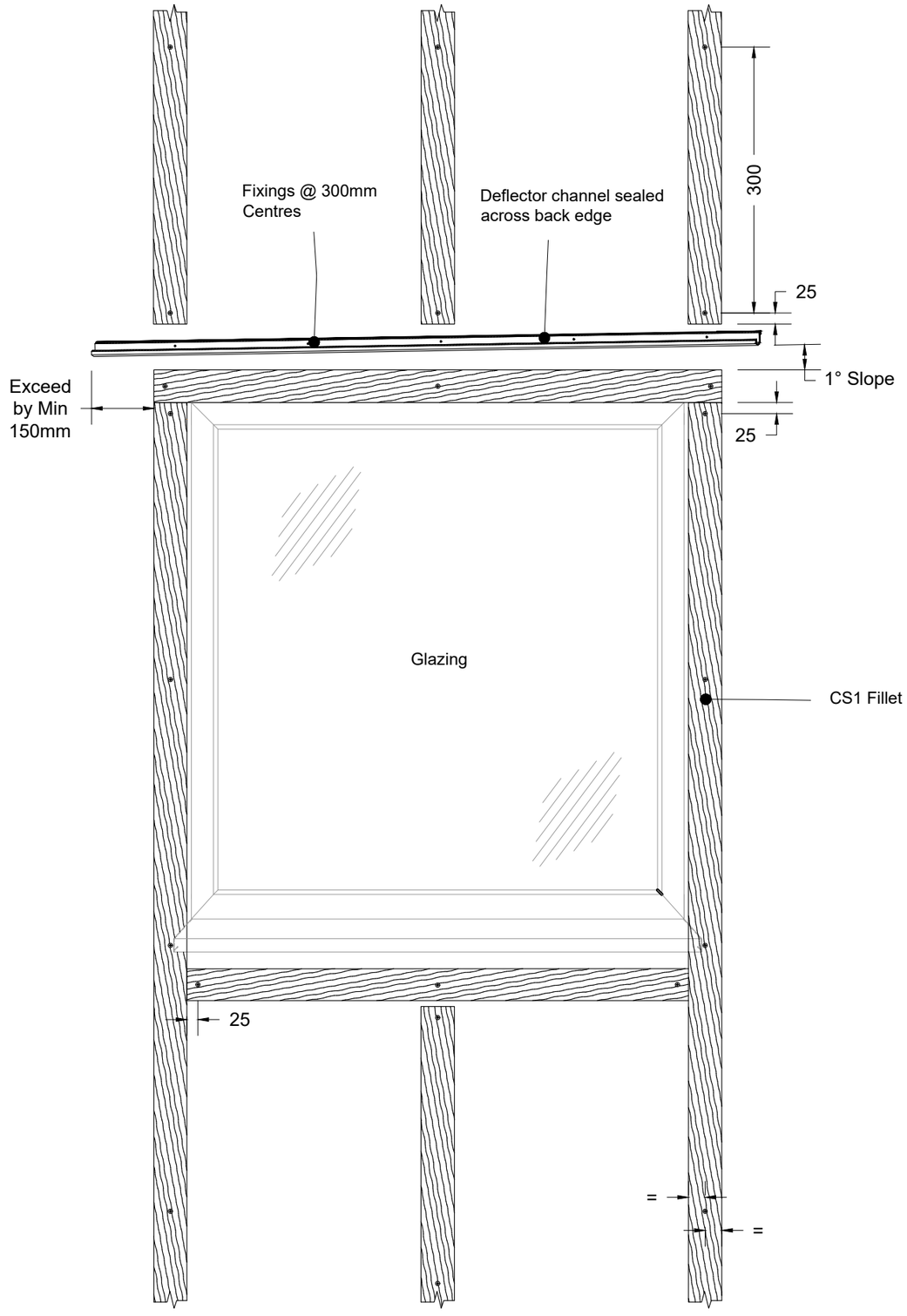
NTS@A3

DATE: Nov 22

REV: A

Note:

1. The EWI system illustrated are based on a typical system - All insulation thickness, mechanical fixing, beads trims, sealants to be in line with and refer to project M21 specification.
2. All main sheathing board joints to be sealed with RCM tape + Dafa tape.
3. Fixing patterns to be confirmed, subject to project wind loading, refer to project M21 specification.
4. Please refer to wind loading calculations on contract.



benx
the future of façades
sps envirowall TOTAL FAÇADE SOLUTIONS
RCM BUILDING HOMES & PACKERS

Benx Ltd, Lonsdale Chambers,
Lonsdale Street,
Stoke-on-Trent
Staffordshire
ST4 4BT
Telephone: 0845 130 0983
Email:
technicalservices@benx.co.uk

All performance data & systems specifications are for systems constructed with materials & components as shown. The inclusion or substitution of any other manufactures materials or components invalidates both test data, system performance and compliance with CDM 2015. The information is provided and based upon details received,which are assumed to include all the relevant facts and data. While it is believed to be correct, we accept no liability for its accuracy, adequacy or completeness. Recipients must satisfy themselves as to its suitability as we do not accept responsibility for any claims or consequential loss. Acceptance of the content and subsequent design responsibility rests entirely with the recipients. Any subsequent design changes that affect the detail which we are not informed of in a written format will void this detail. None of the content may be copied without the prior approval from the Benx Group Technical Services Department. This statement should be read in conjunction with the standard terms and conditions of Benx Group.

REV	DATE	NOTE	BY
A	06/12/22	First Issue	AG
B	16/09/24	Dim 300mm was 600mm	AG
C	04/11/26	'10mm offset removed'	MB

STATUS: INFORMATION

PROJECT: ISO No: 5212
TYPICAL DETAILS CS1

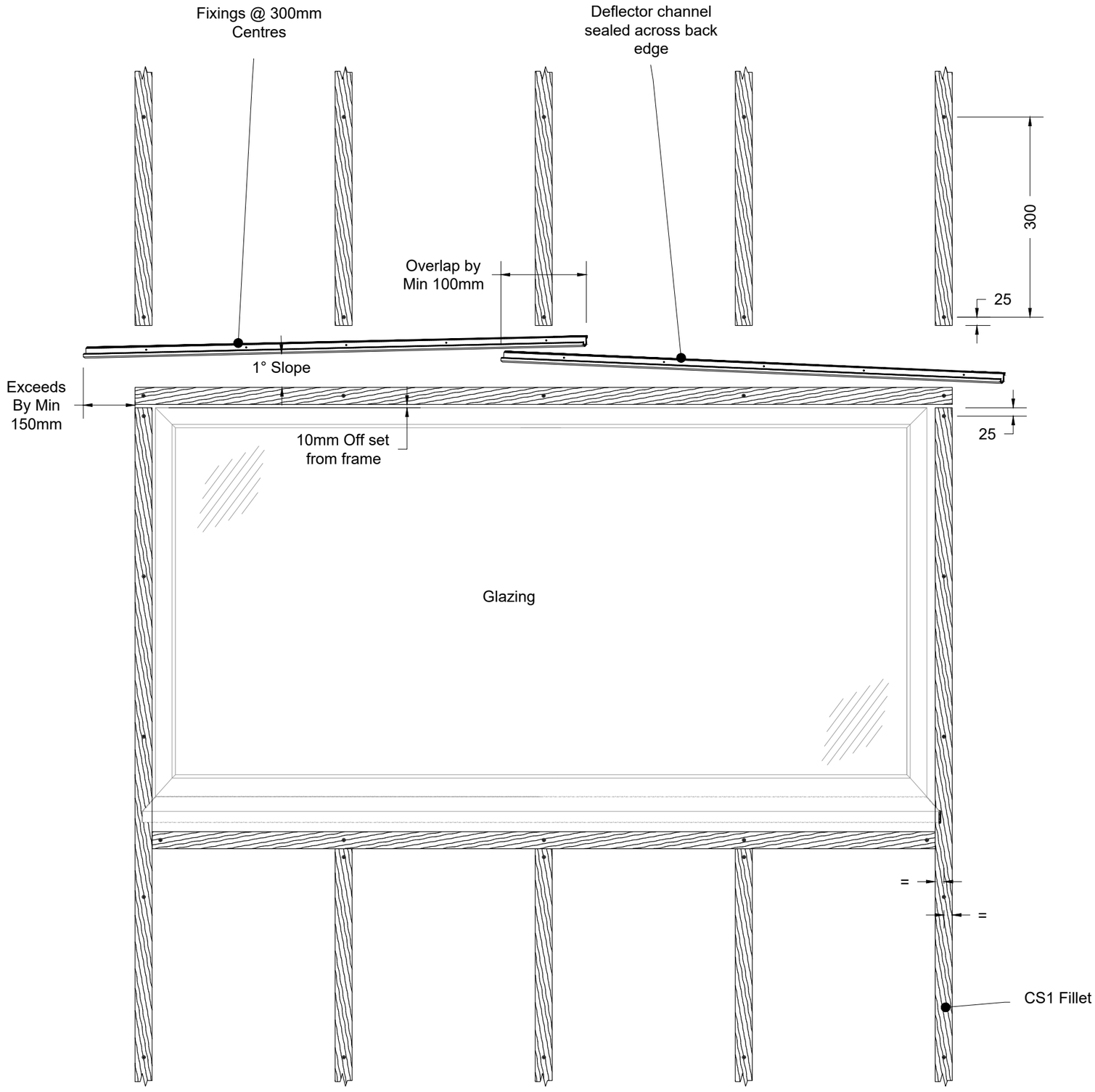
DRAWING No: TD-CS1-SFS-MW-R-37

DESCRIPTION:
FILLET FIXING DETAIL AROUND SMALL WINDOW

DRAWN: AG
CHECK: DS
NTS@A3
DATE: NOV 26
REV: C

Note:

1. The EWI system illustrated are based on a typical system - All insulation thickness, mechanical fixing, beads trims, sealants to be in line with and refer to project M21 specification.
2. All main sheathing board joints to be sealed with RCM tape + Dafa tape.
3. Fixing patterns to be confirmed, subject to project wind loading, refer to project M21 specification.
4. Please refer to wind loading calculations on contract.



benx
the future of façades
sps envirowall TOTAL FAÇADE SOLUTIONS
RCM RAISING BOARDS & FACADES

Benx Ltd, Lonsdale Chambers,
Lonsdale Street,
Stoke-on-Trent
Staffordshire
ST4 4BT
Telephone: 0845 130 0983
Email:
technicalservices@benx.co.uk

All performance data & systems specifications are for systems constructed with materials & components as shown. The inclusion or substitution of any other manufactures materials or components invalidates both test data, system performance and compliance with CDM 2015. The information is provided and based upon details received,which are assumed to include all the relevant facts and data. While it is believed to be correct, we accept no liability for its accuracy, adequacy or completeness. Recipients must satisfy themselves as to its suitability as we do not accept responsibility for any claims or consequential loss. Acceptance of the content and subsequent design responsibility rests entirely with the recipients. Any subsequent design changes that affect the detail which we are not informed of in a written format will void this detail. None of the content may be copied without the prior approval from the Benx Group Technical Services Department. This statement should be read in conjunction with the standard terms and conditions of Benx Group.

REV	DATE	NOTE	BY
A	06/12/22	First Issue	AG
B	16/09/24	Dim 300mm was 600mm	AG

STATUS: INFORMATION

PROJECT: TYPICAL DETAILS CS1 ISO No: 5212

DRAWING No: TD-CS1-SFS-MW-R-38

DESCRIPTION: FILLET FIXING DETAILS AROUND WINDOW

DRAWN: AG
CHECK: DS
NTS@A3
DATE: Nov 22
REV: B