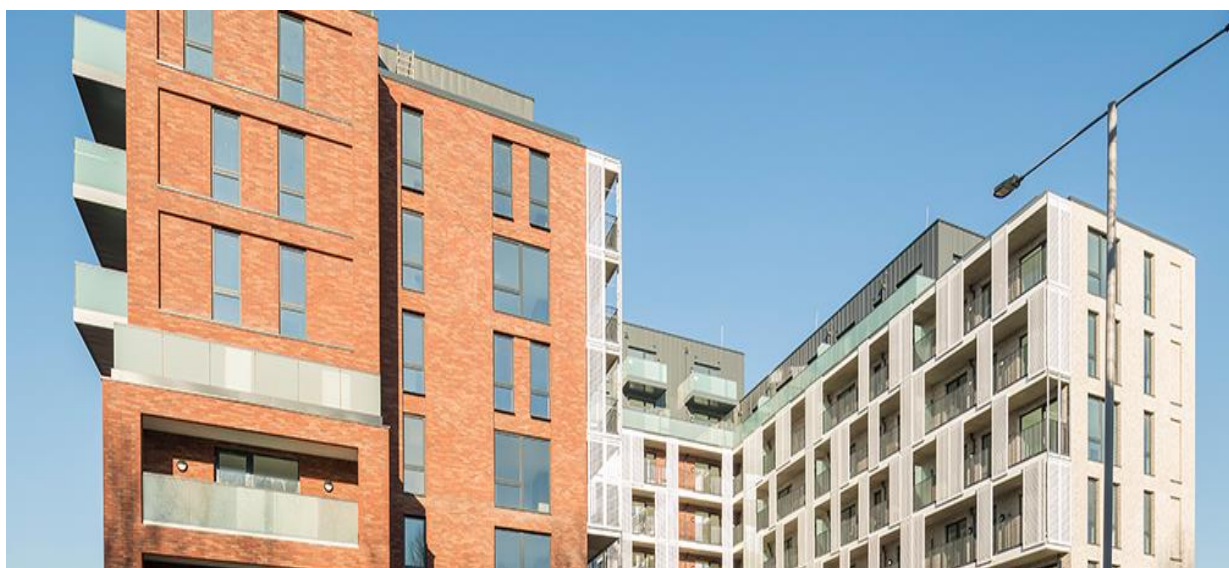




SPS Envirowall EWI System Typical Details : Direct Fix to Framed Structures (LSGF)



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



System:	WS1 Direct Fix to Sheathing Boards & LSGF
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, Direct Fix, Steel frame, Mineral Wool, Render, 01, etc
Drawing Codes	TD_DF_SFS_MW_R_01
ISO Reference	5201



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.

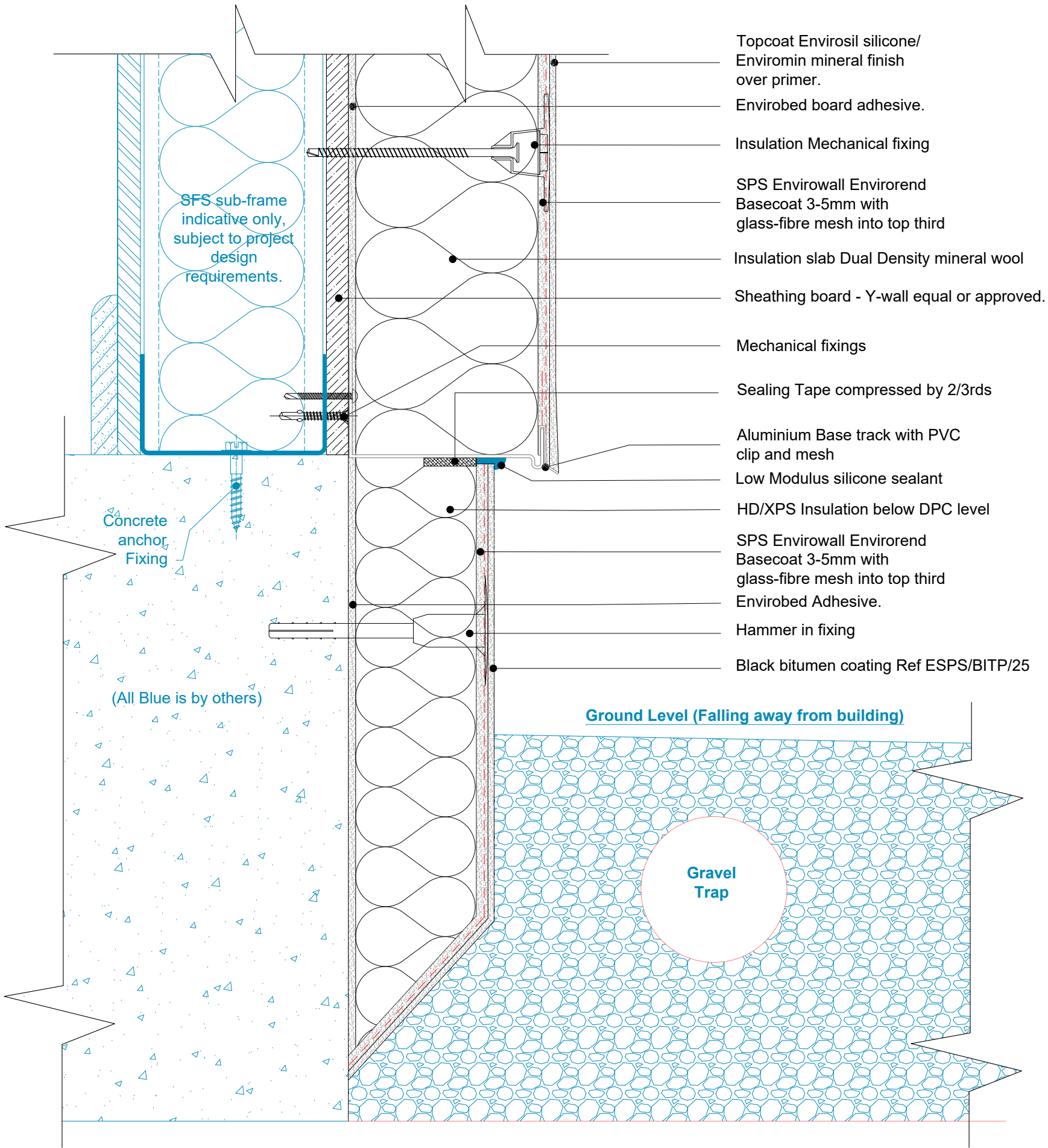
As manufacturers/suppliers Benx Technical is not privy to detailed contractual arrangements and documentation of individual projects and is therefore not in a position to co-ordinate related work by others. It is not the intention for this draft to relate to any particular project, but to provide a guide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

[illegible]

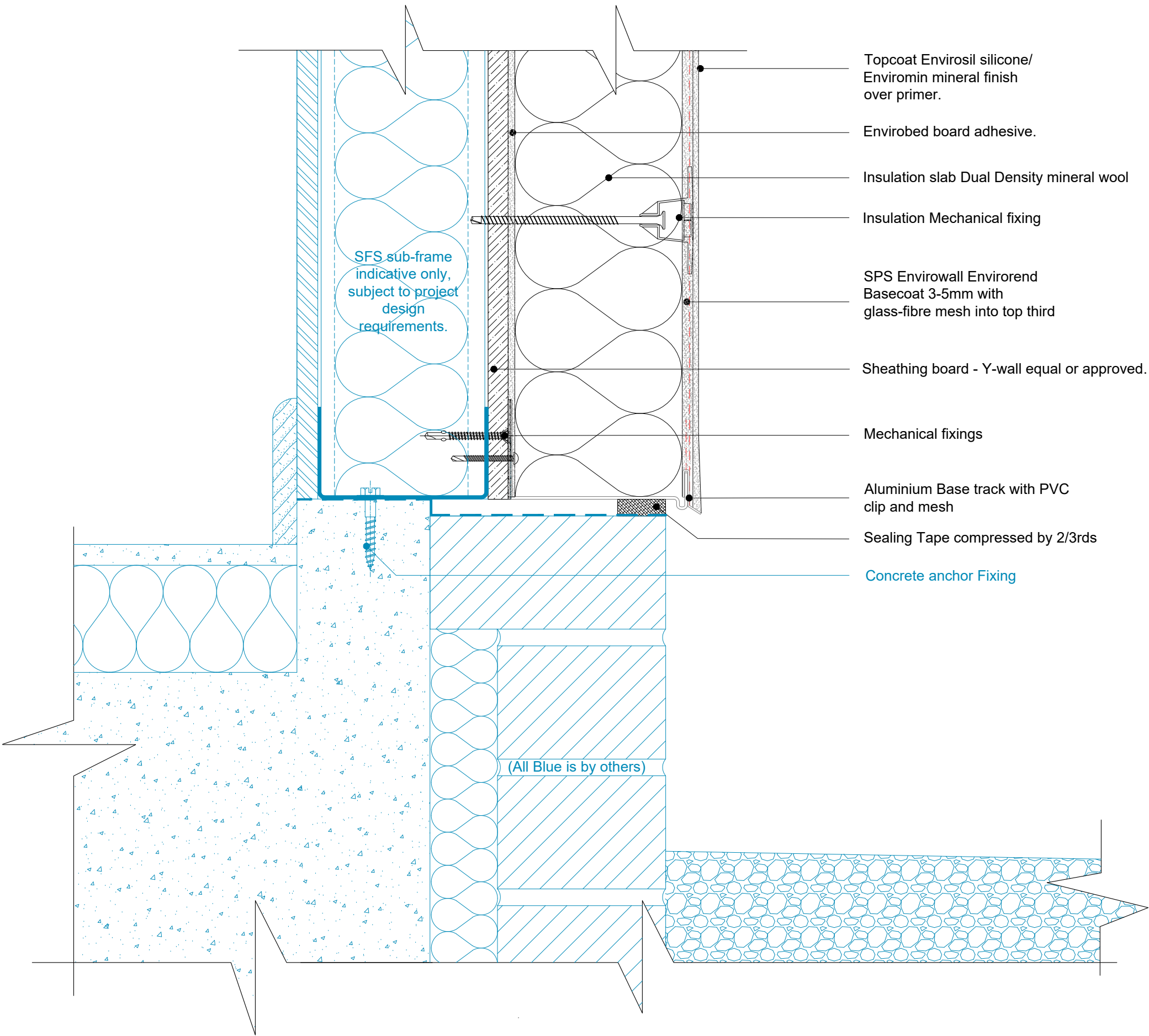
Note:

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.



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

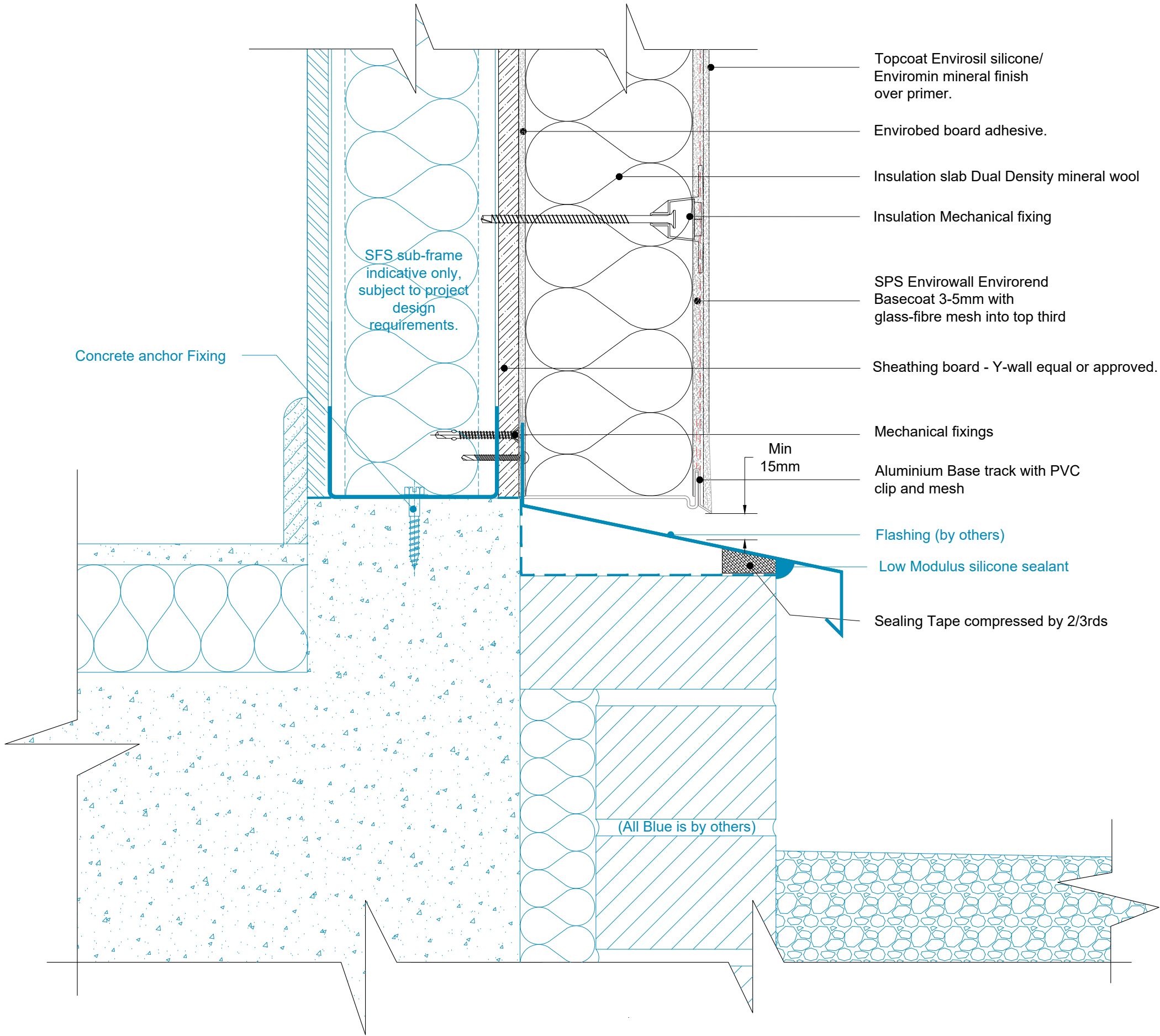
All performance data & systems specifications are for systems constructed with materials & components as shown. The inclusion or substitution of any other manufactures materials or components invalidates both test data, system performance and compliance with CDM 2015. The information is provided and 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	STATUS:	INFORMATION	DRAWN:
A	06/12/22	First Issue	AG	PROJECT:	ISO No: 5201	AG
				TYPICAL DETAILS DIRECT FIX		DS
				DRAWING No: TD-DF-SFS-MW-R-02		NTS@A3
				DESCRIPTION:		DATE:
				Base Brick Detail		Aug 22
						REV:
						A



Note:

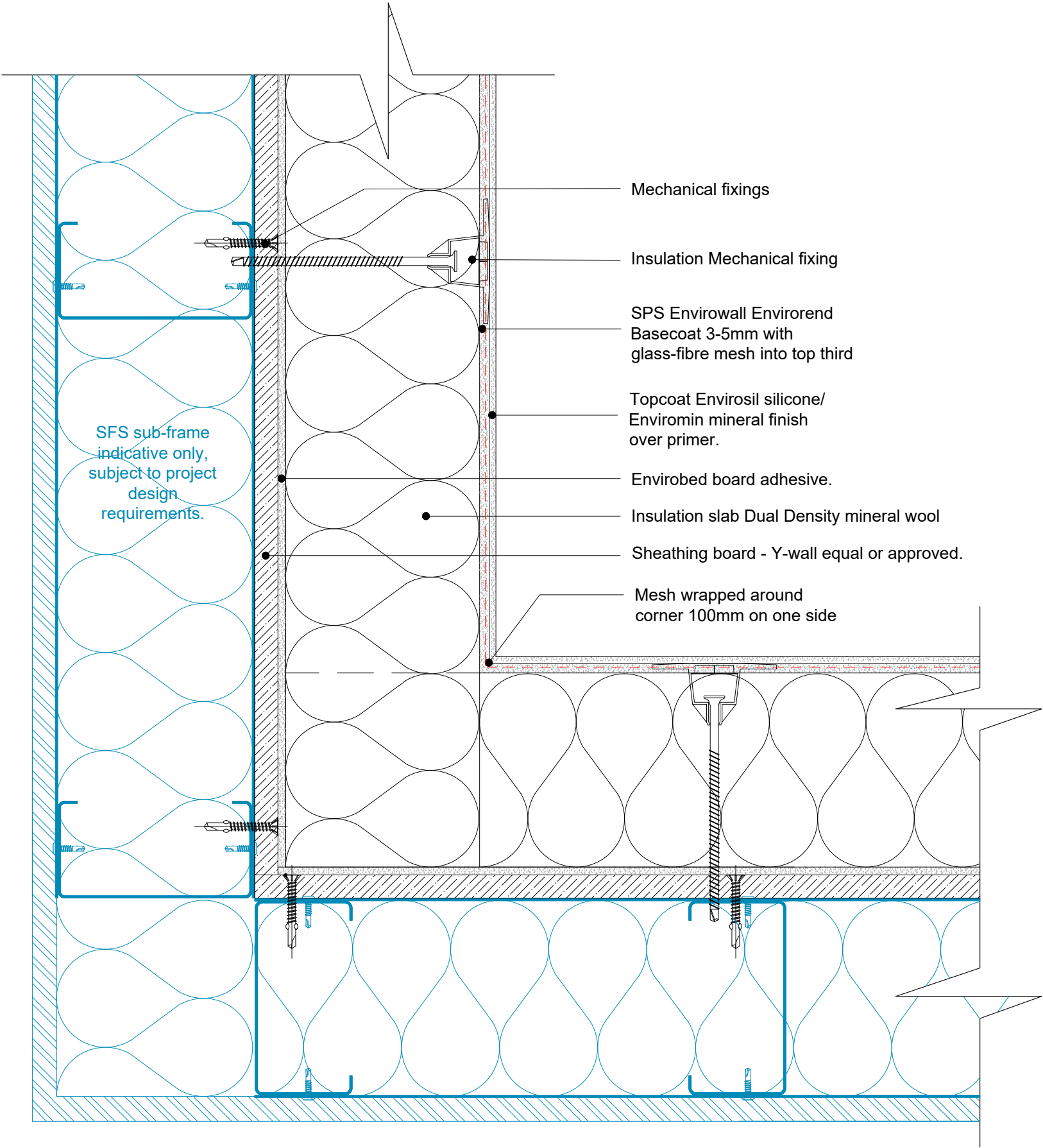
1. The EWI system illustrated are based on a typical system - All insulation thickness, mechanical fixing, beads trims, sealants to be in line with and refer to project M21 specification.
2. All main sheathing board joints to be sealed with RCM tape + Dafa tape.
3. Fixing patterns to be confirmed, subject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



REV	DATE	NOTE	BY	STATUS:	INFORMATION	DRAWN:
A	06/12/22	First Issue	AG	PROJECT:	ISO No: 5201	AG
				TYPICAL DETAILS DIRECT FIX		DS
				DRAWING No: TD-DF-SFS-MW-R-03		NTS@A3
				DESCRIPTION:		DATE:
				Base Brick Detail with flashing cover		Aug 22
						REV:
						A

Note:

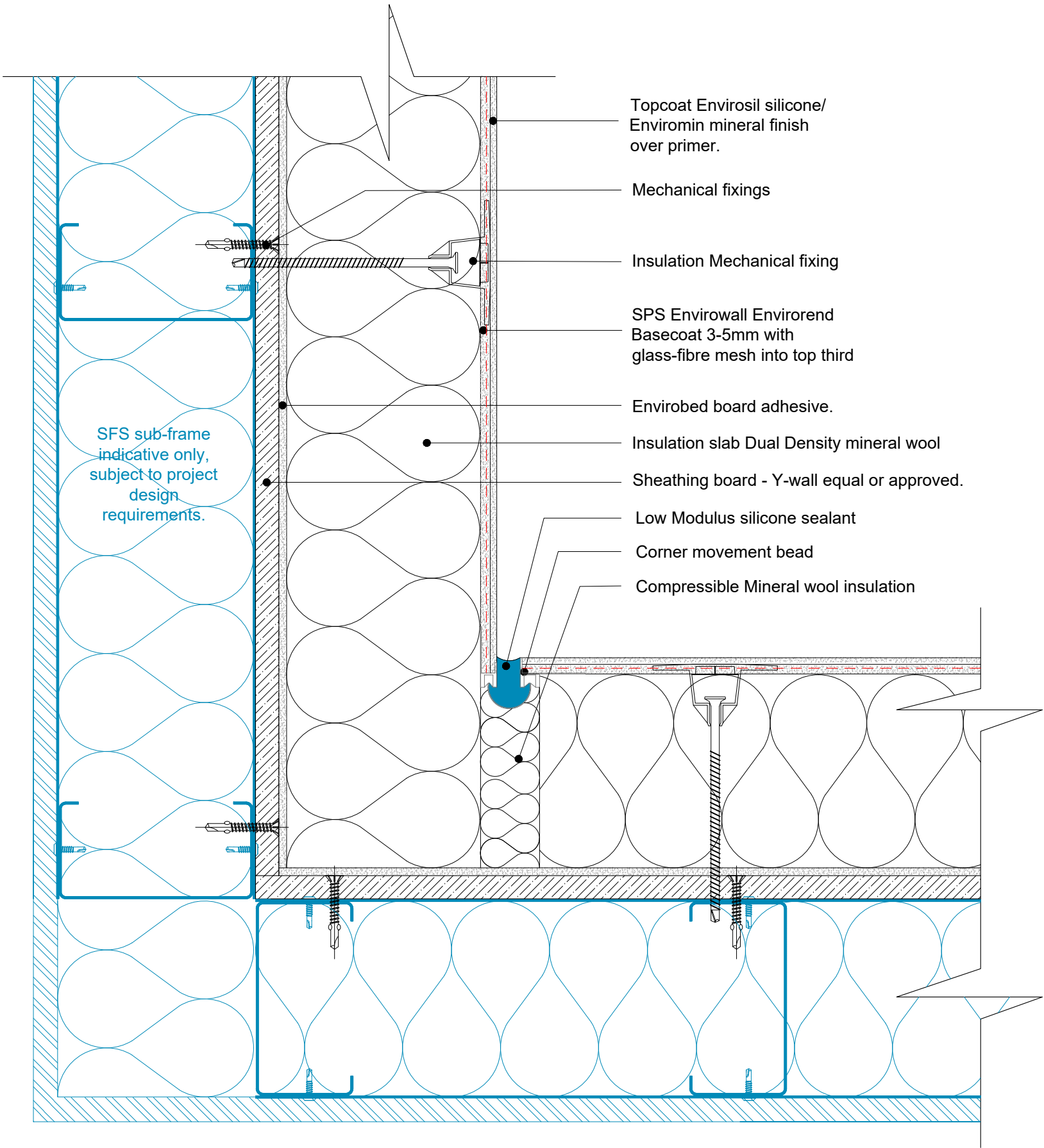
1. The EWI system illustrated are based on a typical system - All insulation thickness, mechanical fixing, beads trims, sealants to be in line with and refer to project M21 specification.
2. All main sheathing board joints to be sealed with RCM tape + Dafa tape.
3. Fixing patterns to be confirmed, subject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



REV	DATE	NOTE	BY	STATUS:	INFORMATION	DRAWN:
A	06/12/22	First Issue	AG	PROJECT:	ISO No: 5201	AG
				TYPICAL DETAILS DIRECT FIX		DS
				DRAWING No: TD-DF-SFS-MW-R-04		NTS@A3
				DESCRIPTION:		DATE:
				Internal Corner		Aug 22
						REV:
						A

Note:

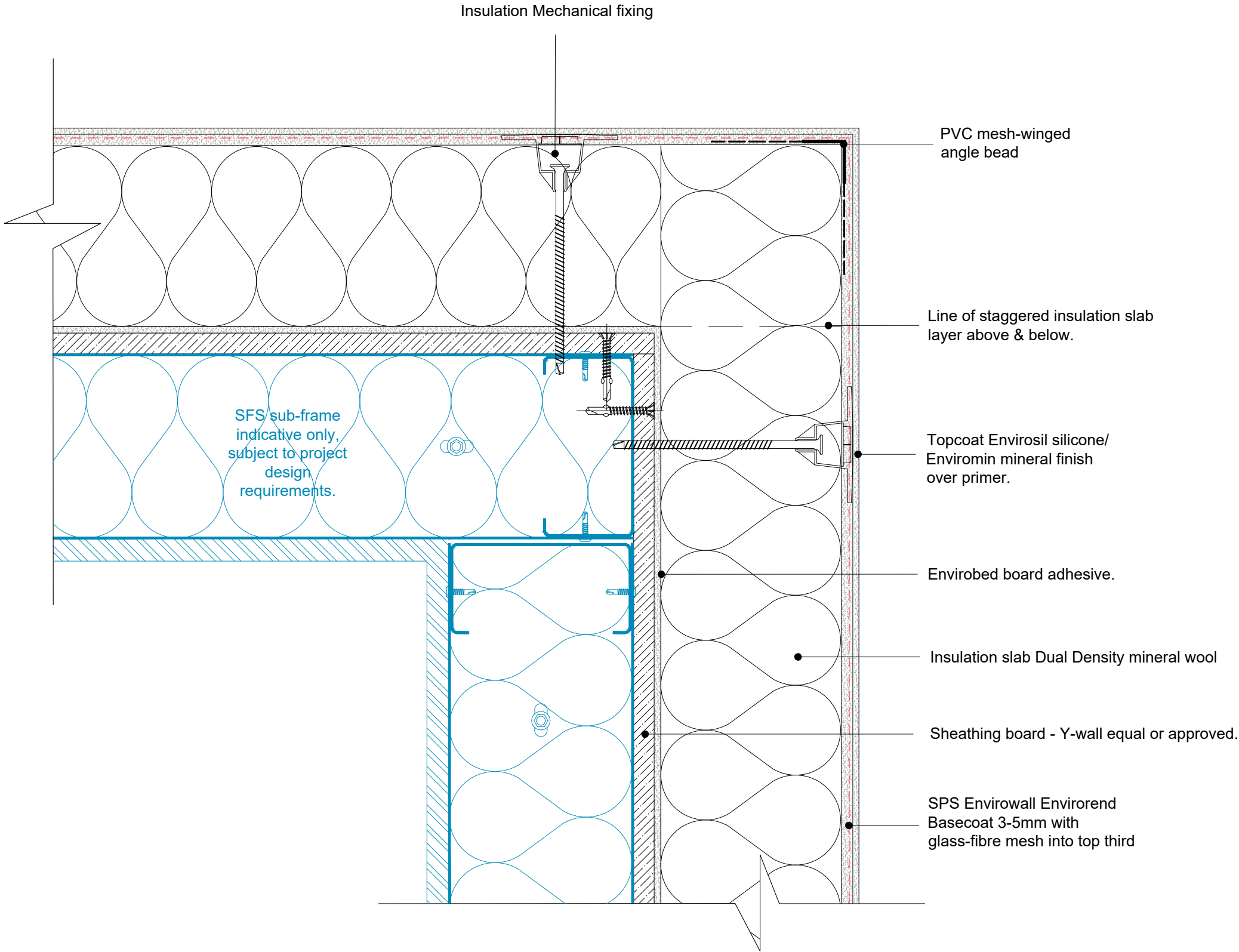
1. The EWI system illustrated are based on a typical system - All insulation thickness, mechanical fixing, beads trims, sealants to be in line with and refer to project M21 specification.
2. All main sheathing board joints to be sealed with RCM tape + Dafa tape.
3. Fixing patterns to be confirmed, subject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



REV	DATE	NOTE	BY	STATUS:	INFORMATION	DRAWN:
A	06/12/22	Issued as draft copy	AG	PROJECT:	ISO No:5201	AG
				TYPICAL DETAILS DIRECT FIX		DS
				DRAWING No: TD-DF-SFS-MW-R-05		NTS@A3
				DESCRIPTION:		DATE:
				Internal Corner with movement joint bead		Aug 22
						REV:
						A

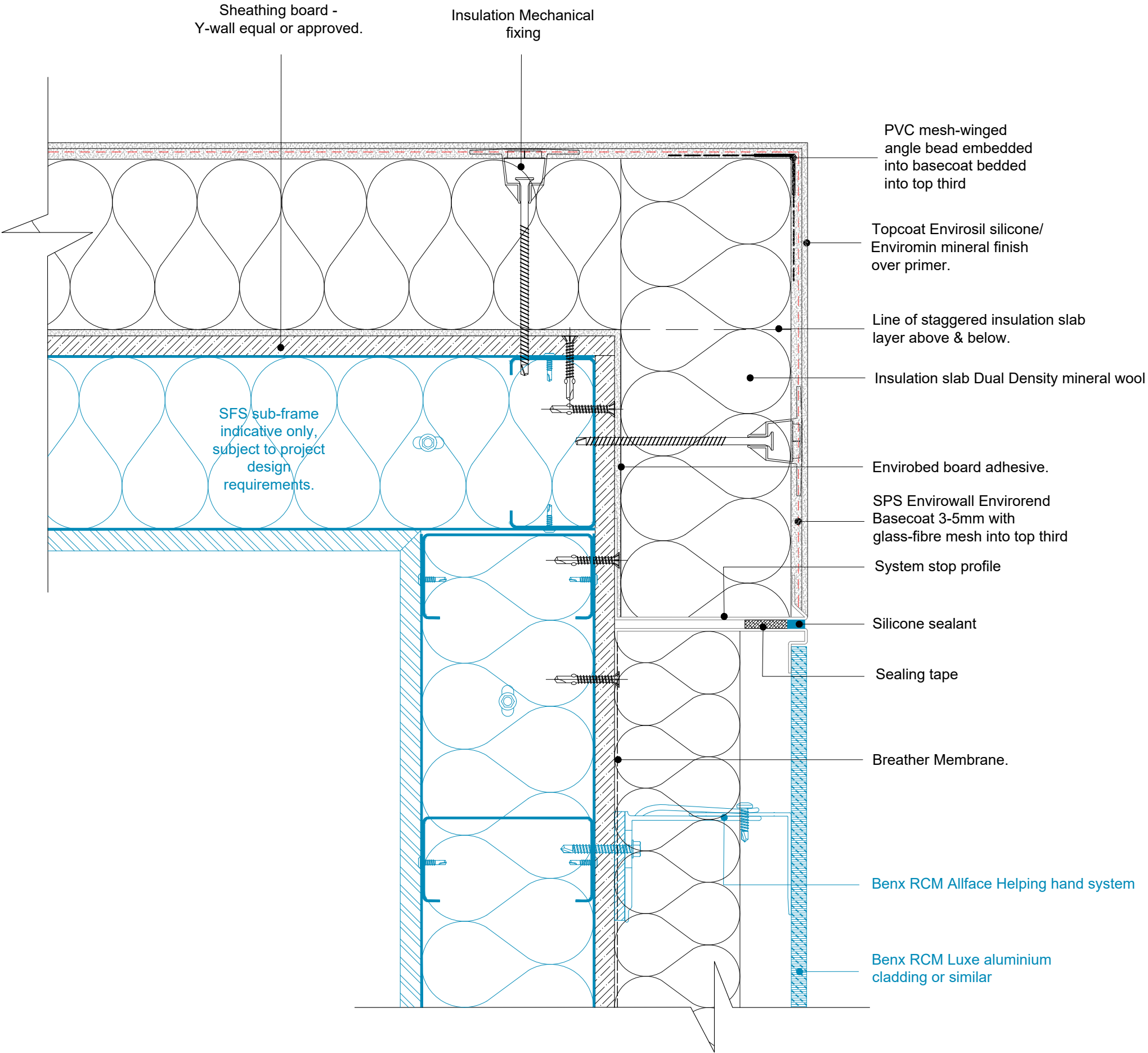
Note:

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.



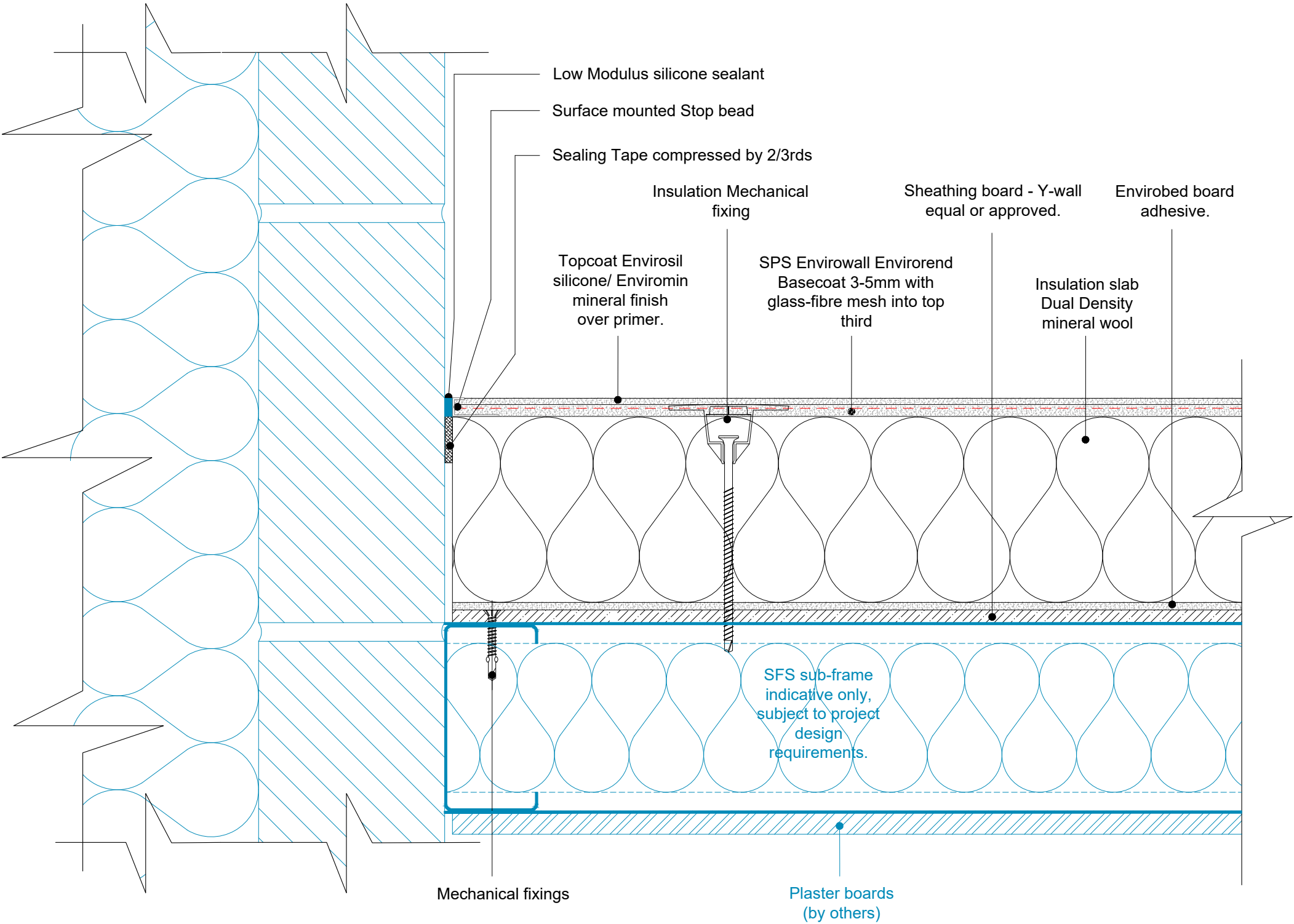
Note:

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.



REV	DATE	NOTE	BY	STATUS:	INFORMATION	DRAWN:
A	06/12/22	First Issue	AG	PROJECT:	ISO No: 5201	AG
				TYPICAL DETAILS DIRECT FIX		DS
				DRAWING No: TD-DF-SFS-MW-R-07		NTS@A3
				DESCRIPTION:		DATE:
				External corner joint with other cladding		Aug 22
						REV:
						A

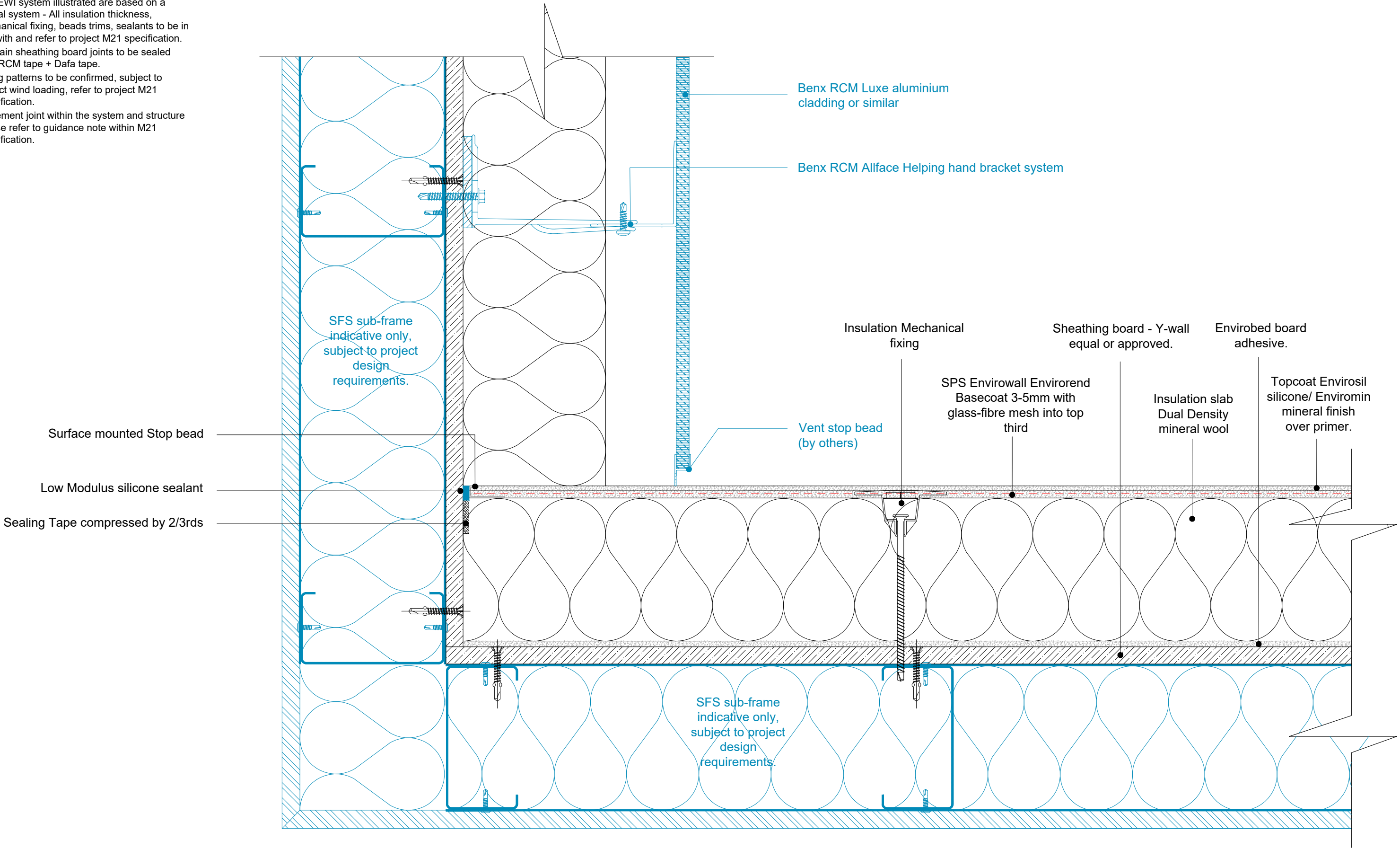
- Note:
- 1. The EWI system illustrated are based on a typical system - All insulation thickness, mechanical fixing, beads trims, sealants to be in line with and refer to project M21 specification.
 - 2. All main sheathing board joints to be sealed with RCM tape + Dafa tape.
 - 3. Fixing patterns to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



REV	DATE	NOTE	BY	STATUS:	INFORMATION	DRAWN:
A	06/12/22	First Issue	AG	PROJECT:	ISO No: 5201	AG
				TYPICAL DETAILS DIRECT FIX		DS
				DRAWING No: TD-DF-SFS-MW-R-08		NTS@A3
				DESCRIPTION:		DATE:
				Brick work Abutment joint		Aug 22
						REV:
						A

Note:

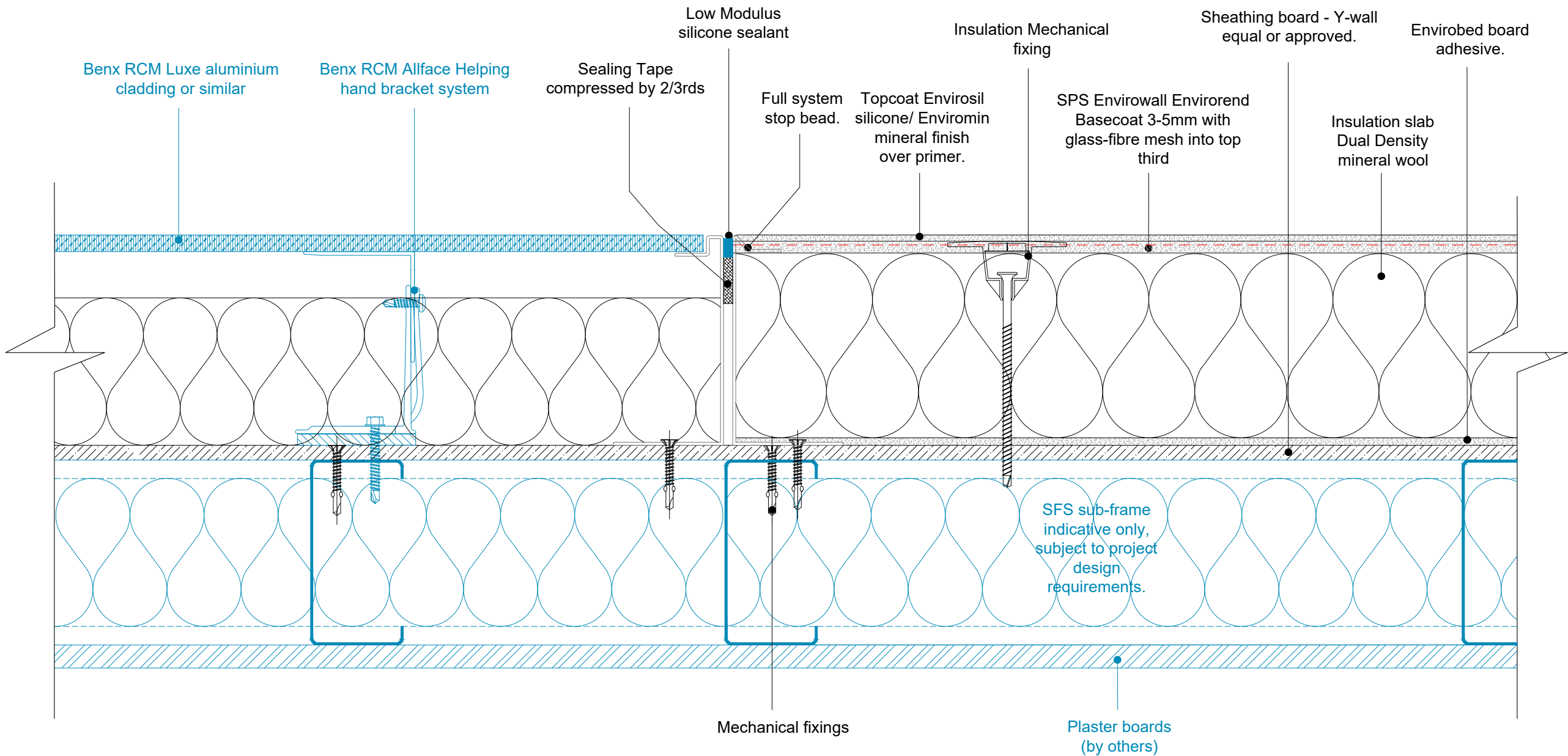
1. The EWI system illustrated are based on a typical system - All insulation thickness, mechanical fixing, beads trims, sealants to be in line with and refer to project M21 specification.
2. All main sheathing board joints to be sealed with RCM tape + Dafa tape.
3. Fixing patterns to be confirmed, subject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



REV	DATE	NOTE	BY	STATUS:	INFORMATION	DRAWN:
A	06/12/22	First Issue	AG	PROJECT:	ISO No: 5201	AG
				TYPICAL DETAILS DIRECT FIX		CHECK:
				DRAWING No: TD-DF-SFS-MW-R-09		DS
				DESCRIPTION:		NTS@A3
				Abutment joint with other cladding		DATE:
						Aug 22
						REV:
						A

Note:

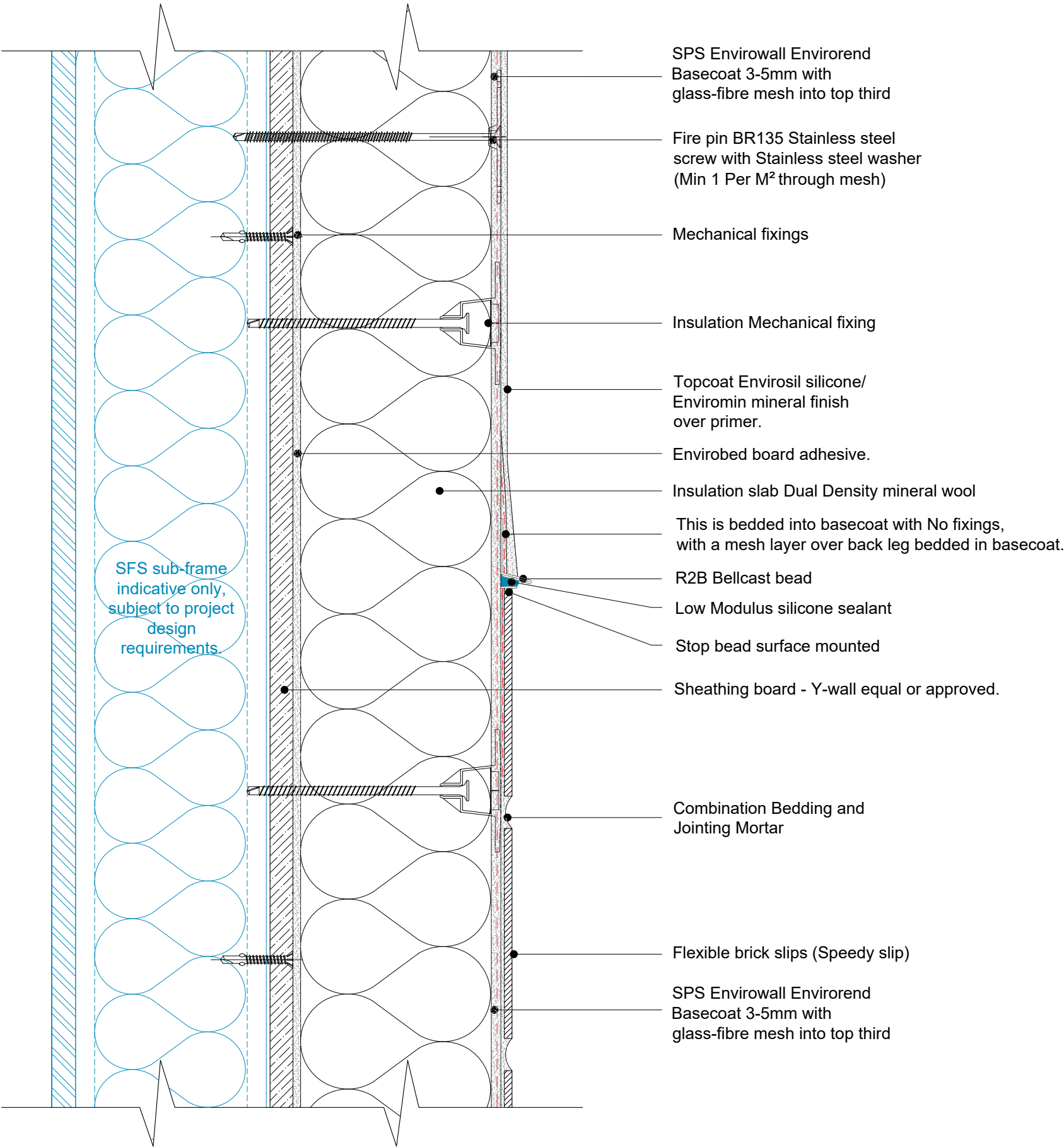
1. The EWI system illustrated are based on a typical system - All insulation thickness, mechanical fixing, beads trims, sealants to be in line with and refer to project M21 specification.
2. All main sheathing board joints to be sealed with RCM tape + Dafa tape.
3. Fixing patterns to be confirmed, subject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



REV	DATE	NOTE	BY	STATUS:	INFORMATION	DRAWN:
A	06/12/22	First Issue	AG	PROJECT:	ISO No: 5201	AG
				TYPICAL DETAILS DIRECT FIX		CHECK:
				DRAWING No: TD-DF-SFS-MW-R-10		DS
				DESCRIPTION:		NTS@A3
				Joint with other cladding system		DATE:
						Aug 22
						REV:
						A

Note:

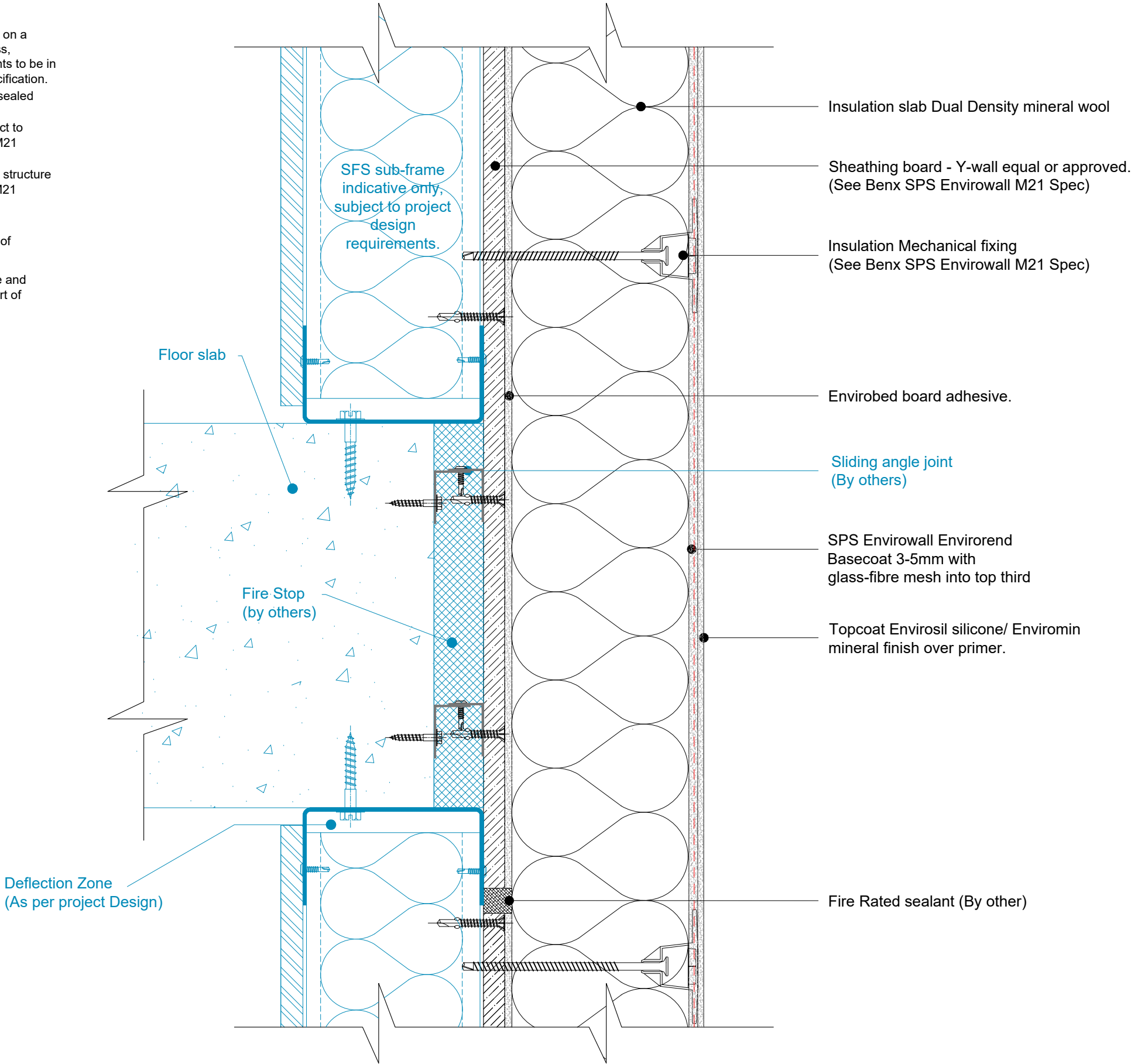
1. The EWI system illustrated are based on a typical system - All insulation thickness, mechanical fixing, beads trims, sealants to be in line with and refer to project M21 specification.
2. All main sheathing board joints to be sealed with RCM tape + Dafa tape.
3. Fixing patterns to be confirmed, subject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



REV	DATE	NOTE	BY	STATUS:	INFORMATION	DRAWN:
A	06/12/22	First Issue	AG	PROJECT:	ISO No: 5201	AG
				TYPICAL DETAILS DIRECT FIX		DS
				DRAWING No: TD-DF-SFS-MW-R-11		NTS@A3
				DESCRIPTION:		DATE:
				Section through with render and flexible brick horizontal joint		Aug 22
						REV:
						A

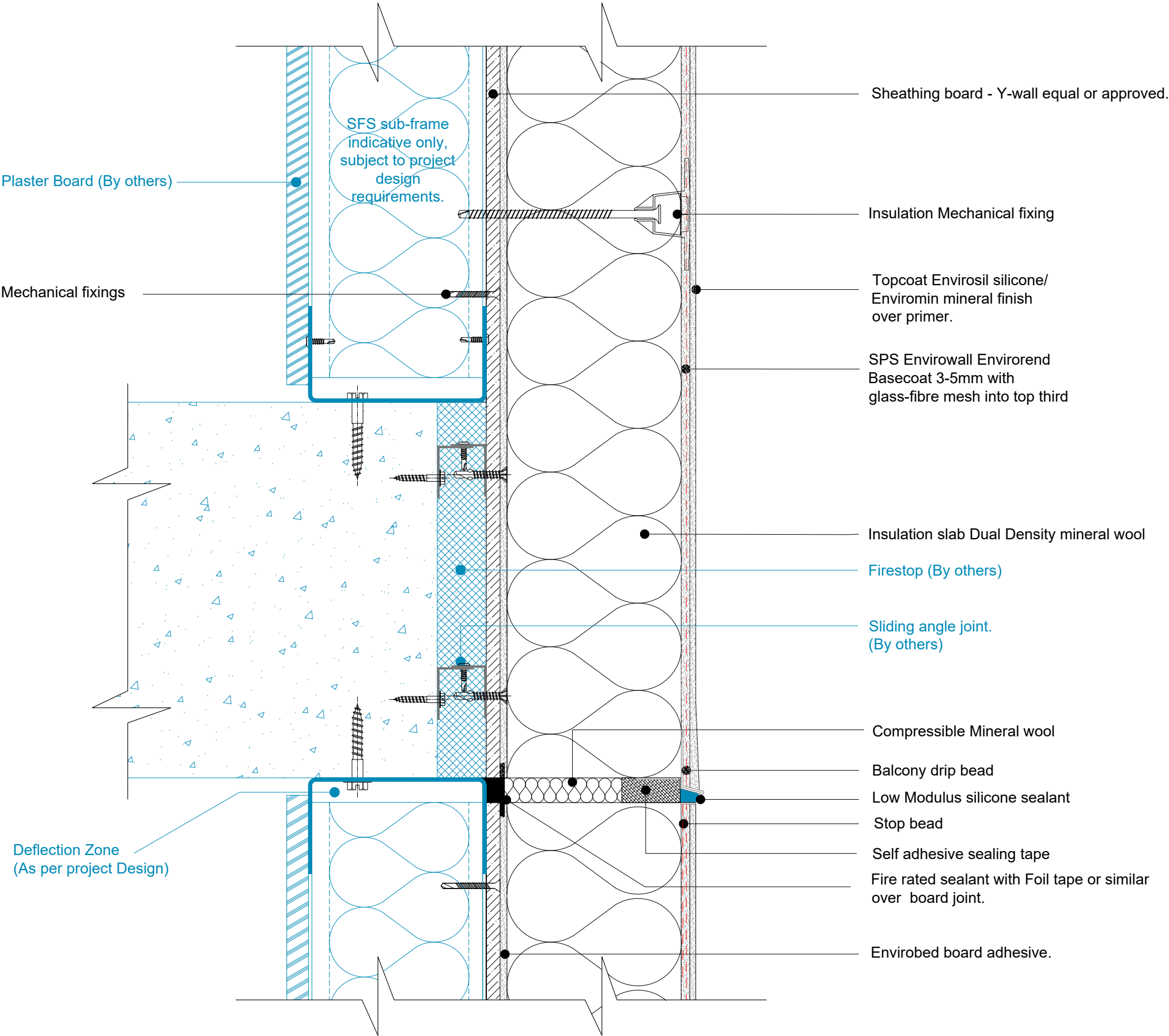
Note:

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.
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



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



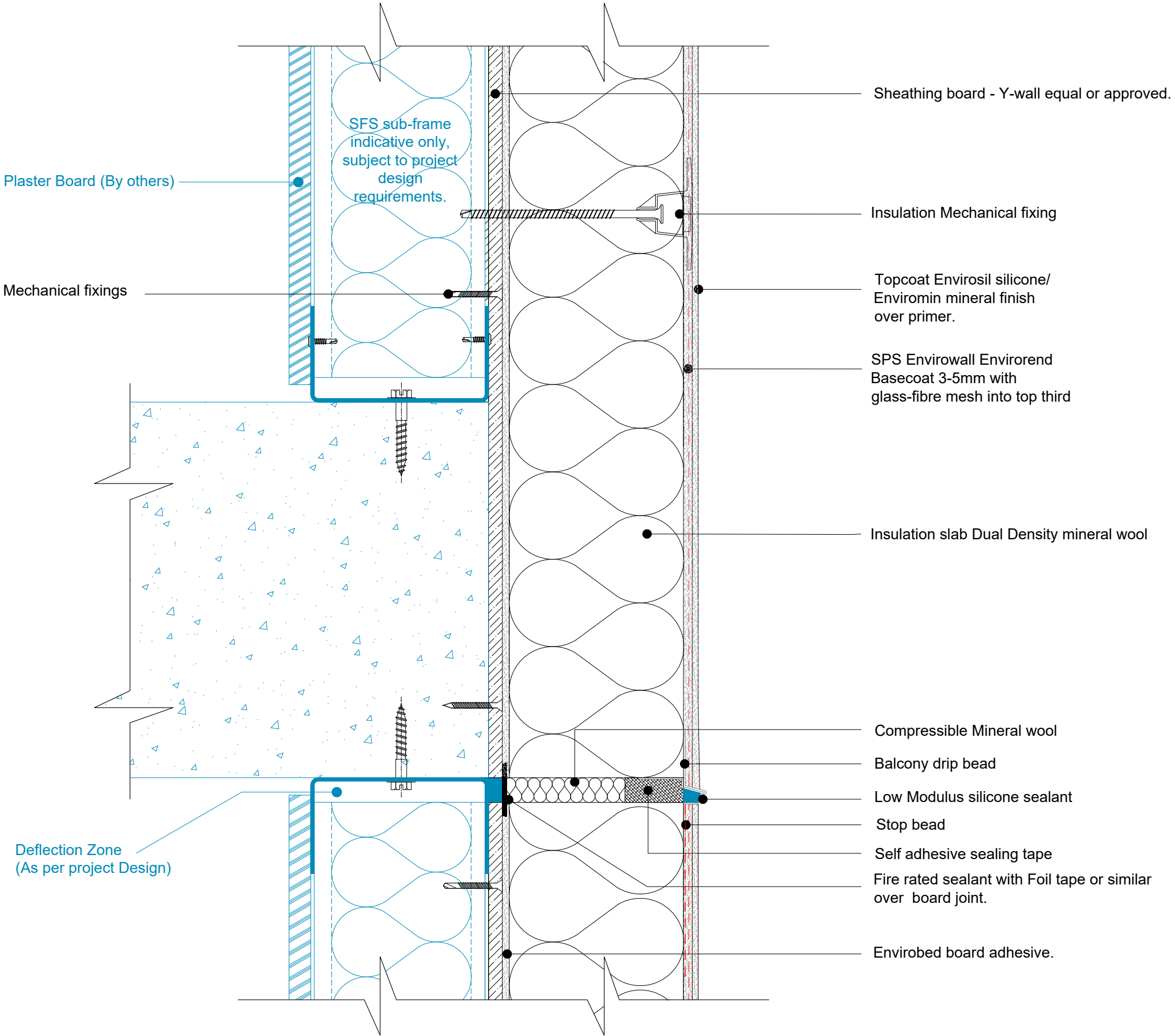
Benx Ltd, Lonsdale Chambers,
Lonsdale Street,
Stoke-on-Trent
Staffordshire
ST4 4BT
Telephone: 0845 130 0983
Email:
technicalservices@benx.co.uk

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	STATUS:	INFORMATION	DRAWN:
A	06/12/22	First Issue	AG	PROJECT:	ISO No: 5201	AG
				TYPICAL DETAILS DIRECT FIX		DS
				DRAWING No: TD-DF-SFS-MW-R-13		NTS@A3
				DESCRIPTION:		DATE:
				Edge slab detail with inbuilt movement detail		Aug 22
						REV:
						A

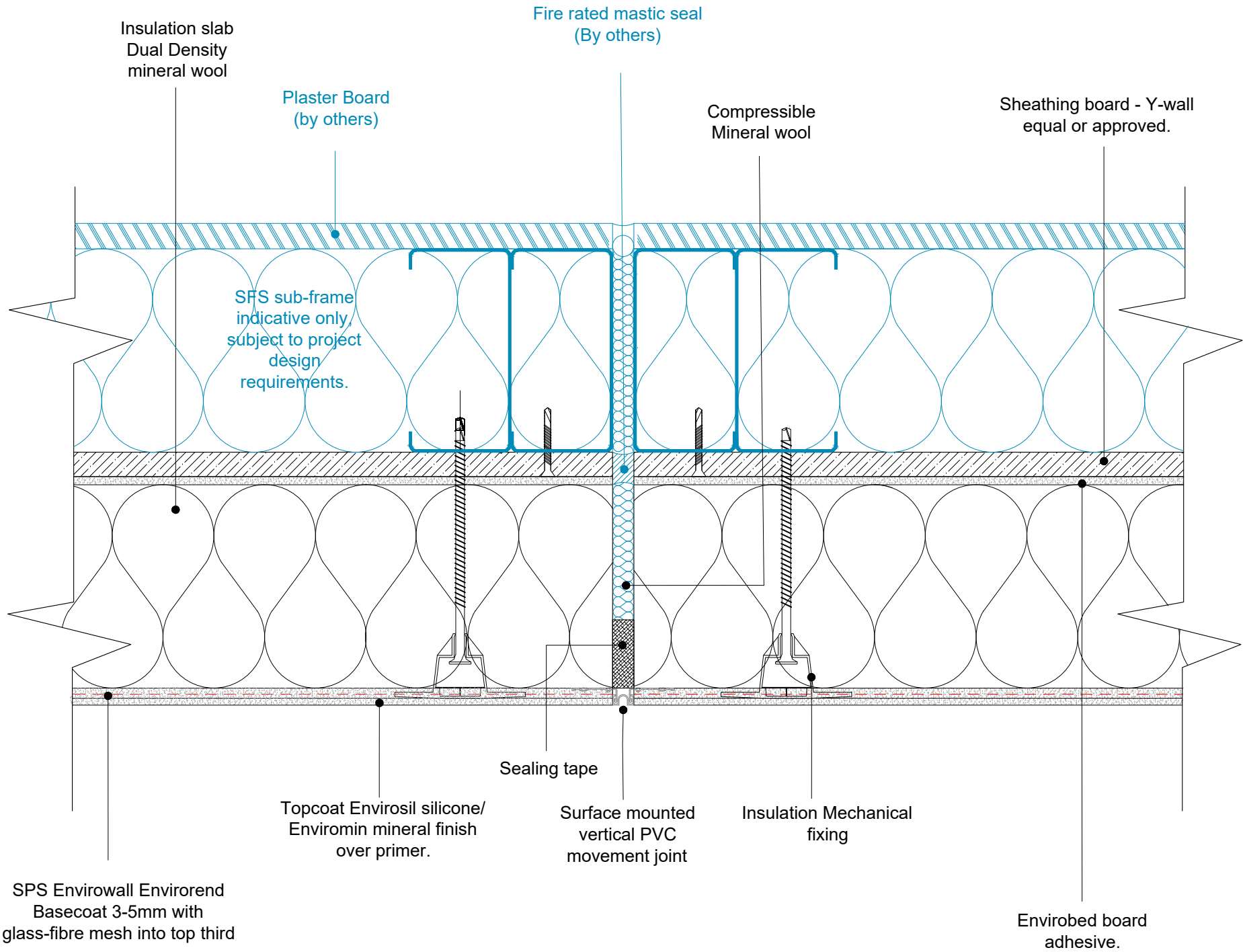
Note:

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.
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

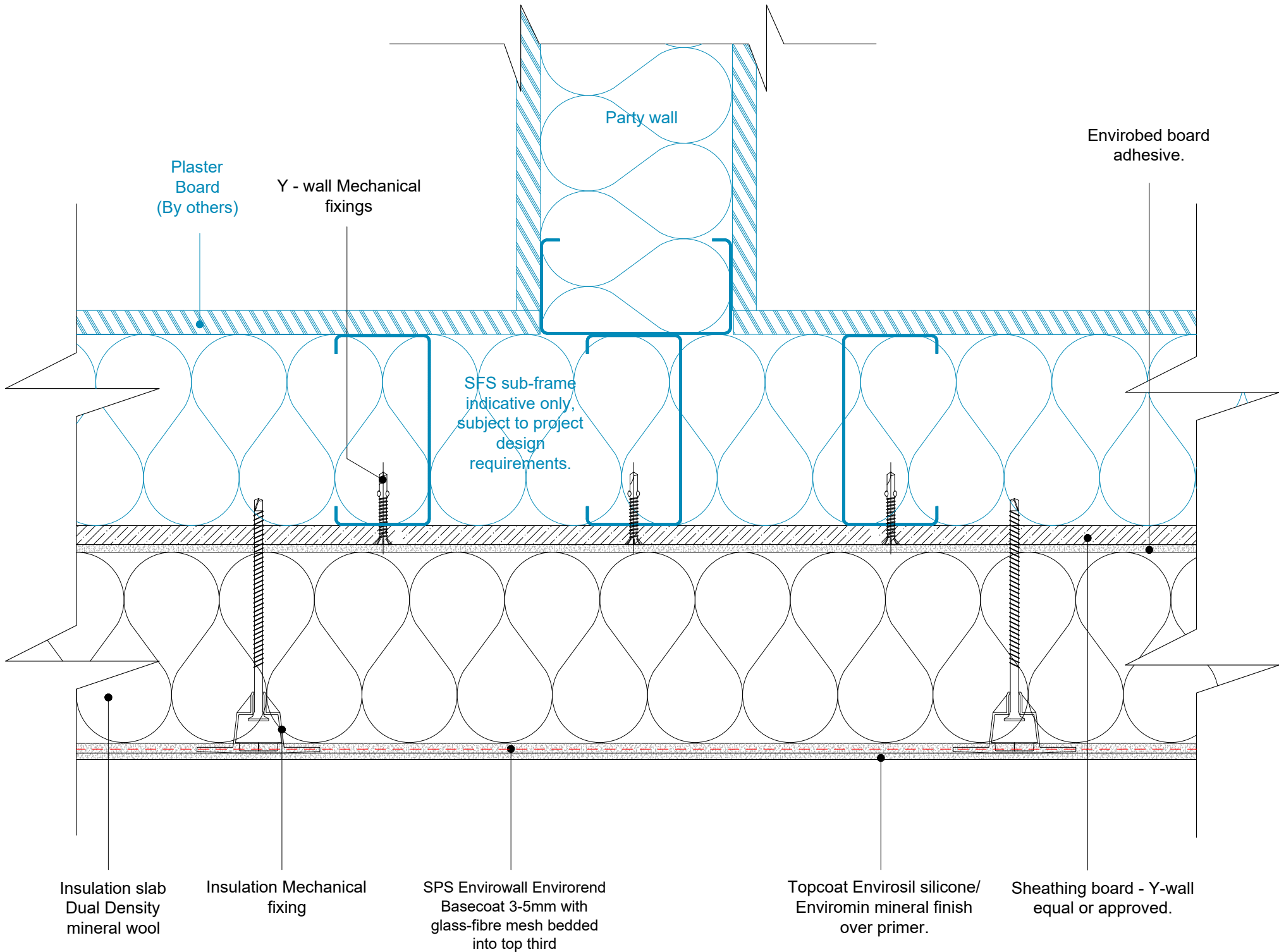


Note:

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.



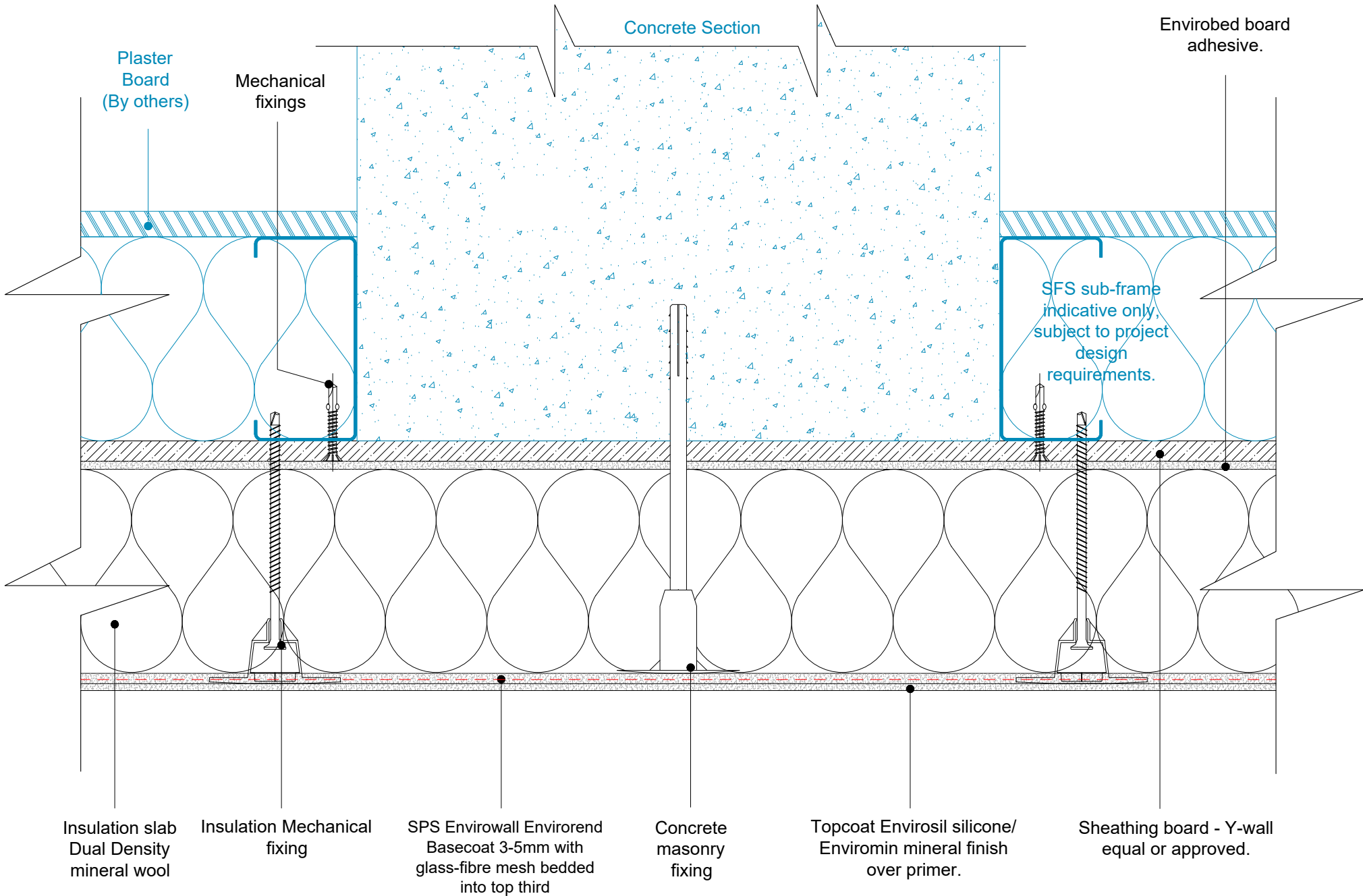
- Note:
1. The EWI system illustrated are based on a typical system - All insulation thickness, mechanical fixing, beads trims, sealants to be in line with and refer to project M21 specification.
 2. All main sheathing board joints to be sealed with RCM tape + Dafa tape.
 3. Fixing patterns to be confirmed,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



REV	DATE	NOTE	BY	STATUS:	INFORMATION	DRAWN:
A	06/12/22	First Issue	AG	PROJECT:	ISO No: 5201	AG
				TYPICAL DETAILS DIRECT FIX		CHECK:
				DRAWING No: TD-DF-SFS-MW-R-16		DS
				DESCRIPTION:		NTS@A3
				Plan detail at party wall junction		DATE:
						Aug 22
						REV:
						A

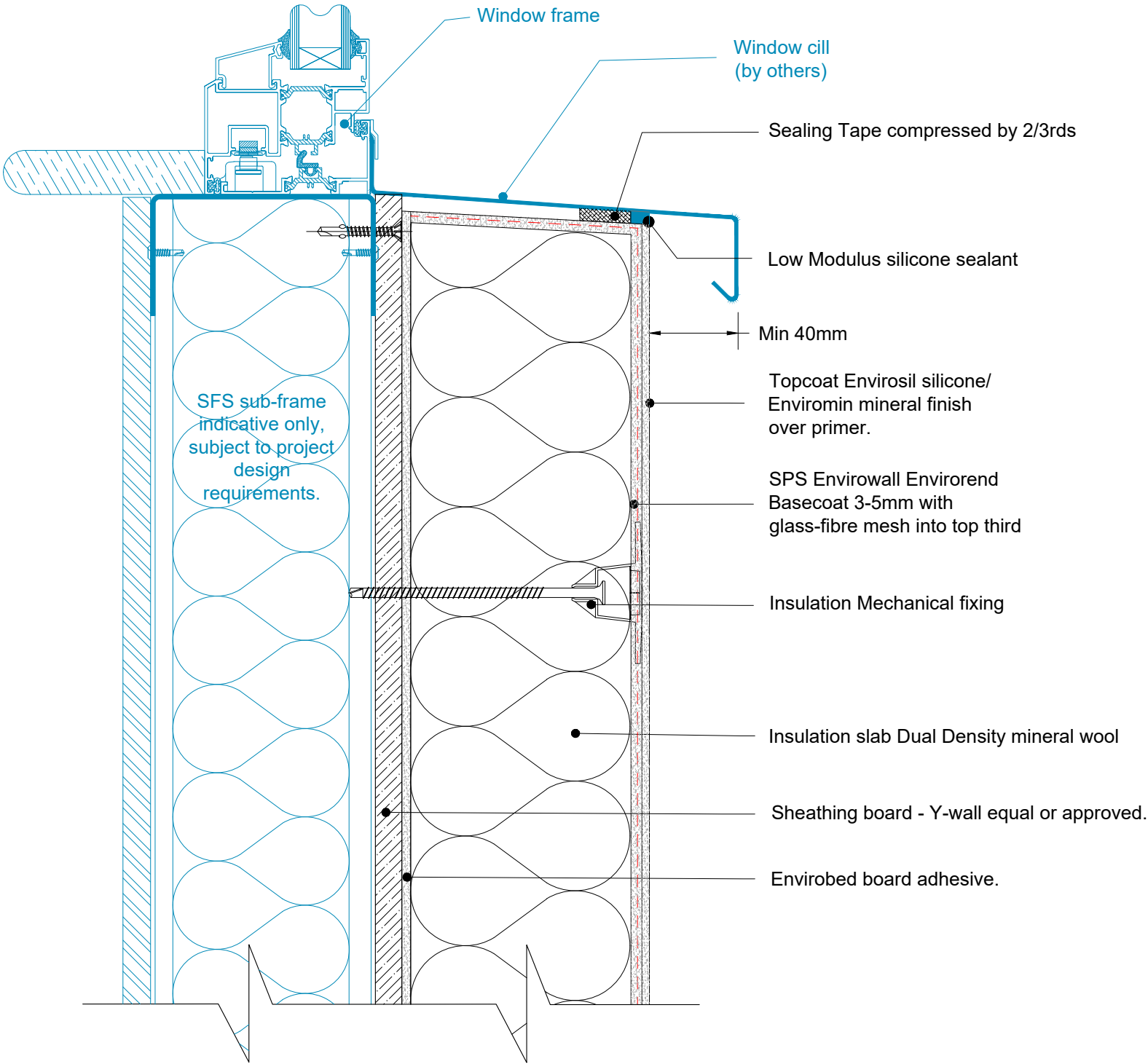
Note:

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.
5. SFS Slotted head & stud track.
6. SFS to overhang slab no more than 1/3 of depth of stud.
7. Variations in line and level of slab taken up with fire stop material.



Note:

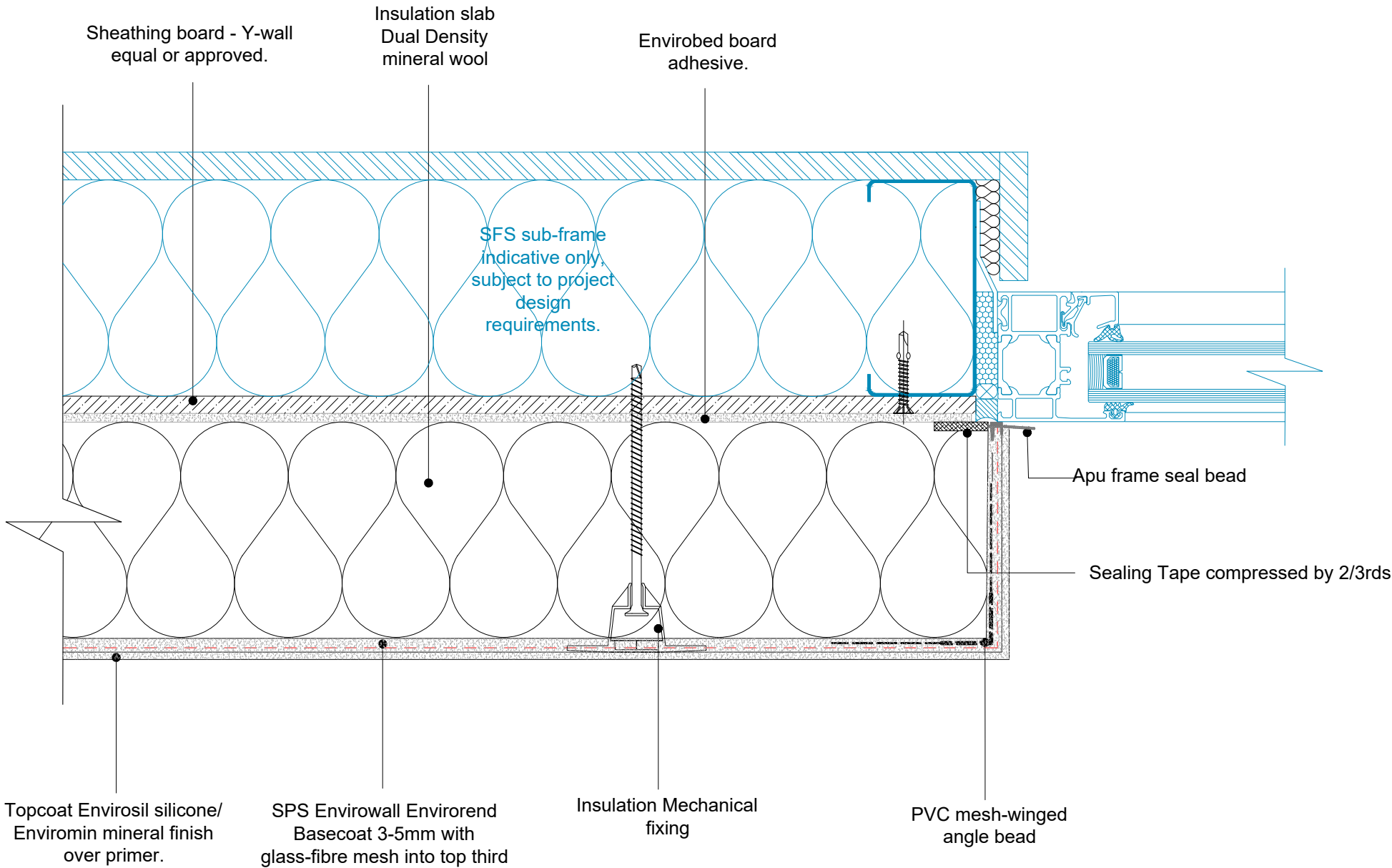
1. The EWI system illustrated are based on a typical system - All insulation thickness, mechanical fixing, beads trims, sealants to be in line with and refer to project M21 specification.
2. All main sheathing board joints to be sealed with RCM tape + Dafa tape.
3. Fixing patterns to be confirmed, subject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



REV	DATE	NOTE	BY	STATUS:	INFORMATION	DRAWN:
A	06/12/22	First Issue	AG	PROJECT:	ISO No: 5201	AG
				TYPICAL DETAILS DIRECT FIX		DS
				DRAWING No: TD-DF-SFS-MW-R-18		NTS@A3
				DESCRIPTION:		DATE:
				Window Cill		Aug 22
						REV:
						A

Note:

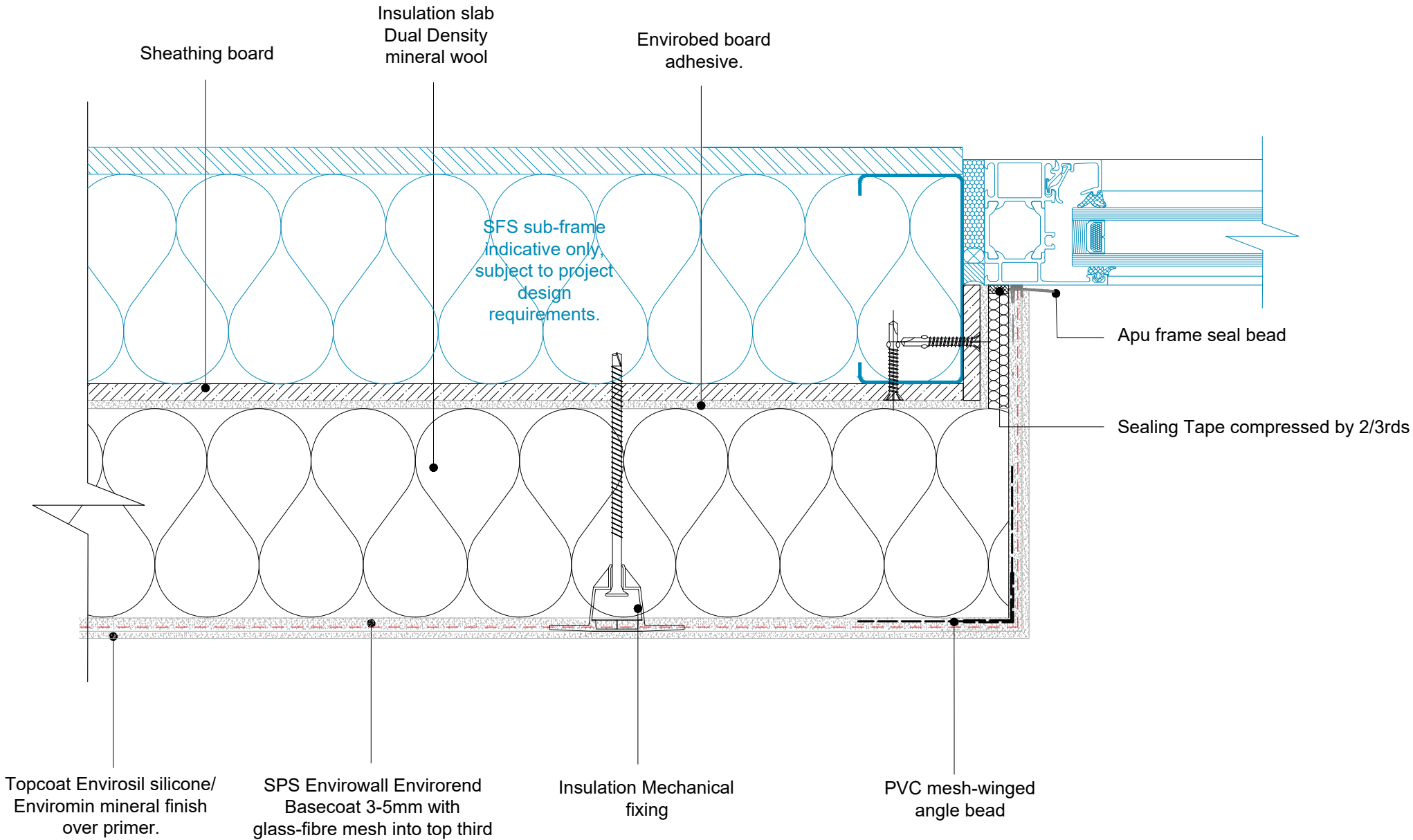
1. The EWI system illustrated are based on a typical system - All insulation thickness, mechanical fixing, beads trims, sealants to be in line with and refer to project M21 specification.
2. All main sheathing board joints to be sealed with RCM tape + Dafa tape.
3. Fixing patterns to be confirmed, subject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



REV	DATE	NOTE	BY	STATUS:	INFORMATION	DRAWN:
A	06/12/22	First Issue	AG	PROJECT:	ISO No:5201	AG
				TYPICAL DETAILS DIRECT FIX		CHECK:
				DRAWING No: TD-DF-SFS-MW-R-19		DS
				DESCRIPTION:		NTS@A3
				Window Reveal		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.
5. Air tightness and sealant detail between window / door to sheathing board / structure by others.



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

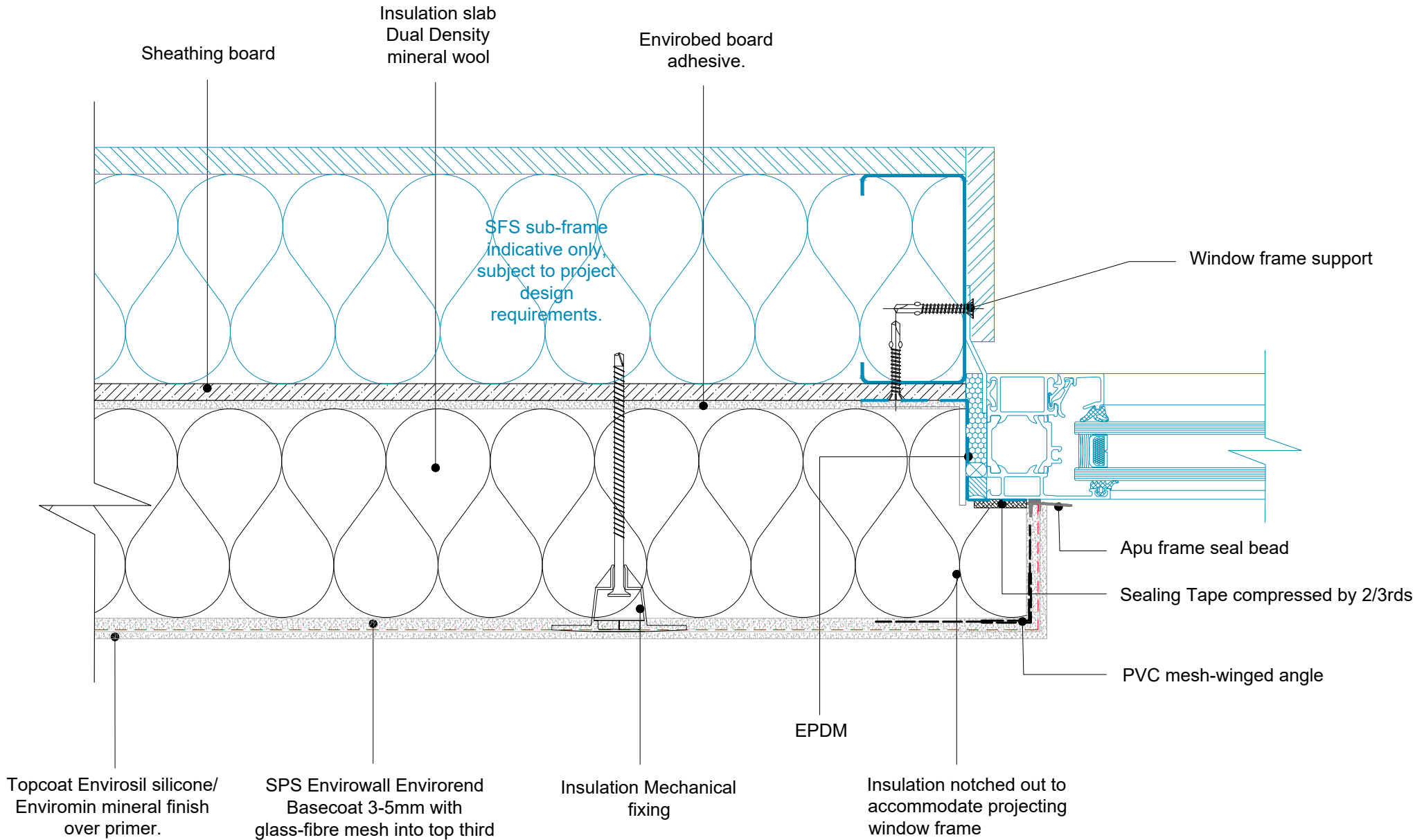
All performance data & systems specifications are for systems constructed with materials & components as shown. The inclusion or substitution of any other manufactures materials or components invalidates both test data, system performance and compliance with CDM 2015. The information is provided and 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	STATUS:	INFORMATION	DRAWN:
A	06/12/22	First Issue	AG	PROJECT:	ISO No: 5201	AG
				TYPICAL DETAILS DIRECT FIX		CHECK:
				DRAWING No: TD-DF-SFS-MW-R-20		DS
				DESCRIPTION:		NTS@A3
				Window Reveal with window set back		DATE:
						Aug 22
						REV:
						A



Note:

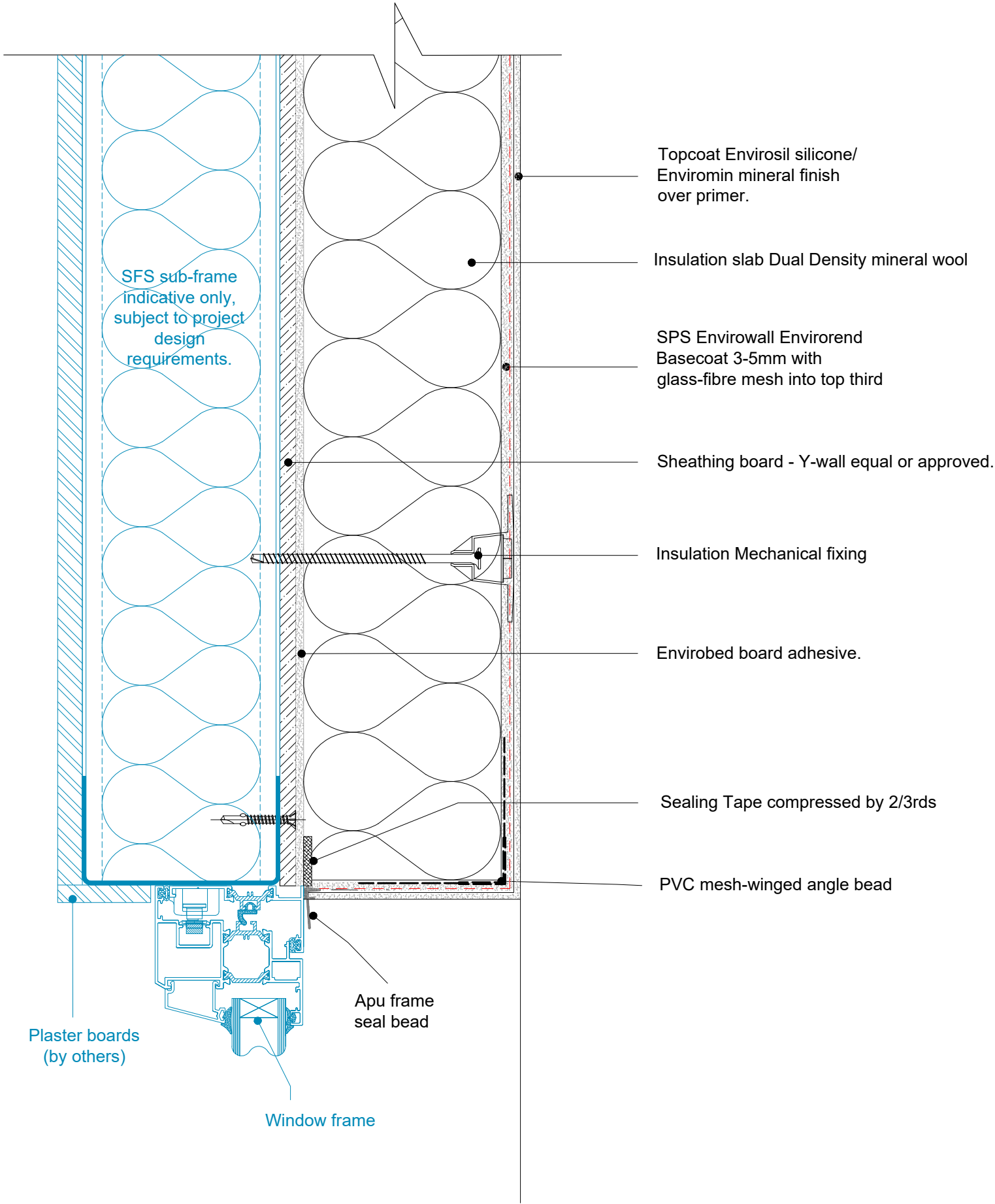
1. The EWI system illustrated are based on a typical system - All insulation thickness, mechanical fixing, beads trims, sealants to be in line with and refer to project M21 specification.
2. All main sheathing board joints to be sealed with RCM tape + Dafa tape.
3. Fixing patterns to be confirmed, subject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



REV	DATE	NOTE	BY	STATUS:	INFORMATION	DRAWN:
A	06/12/22	First Issue	AG	PROJECT:	ISO No: 5201	AG
				TYPICAL DETAILS DIRECT FIX		CHECK:
				DRAWING No: TD-DF-SFS-MW-R-21		DS
				DESCRIPTION:		NTS@A3
				Window Reveal with window set forward		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.
5. Air tightness and sealant detail between window / door to sheathing board / structure by others.



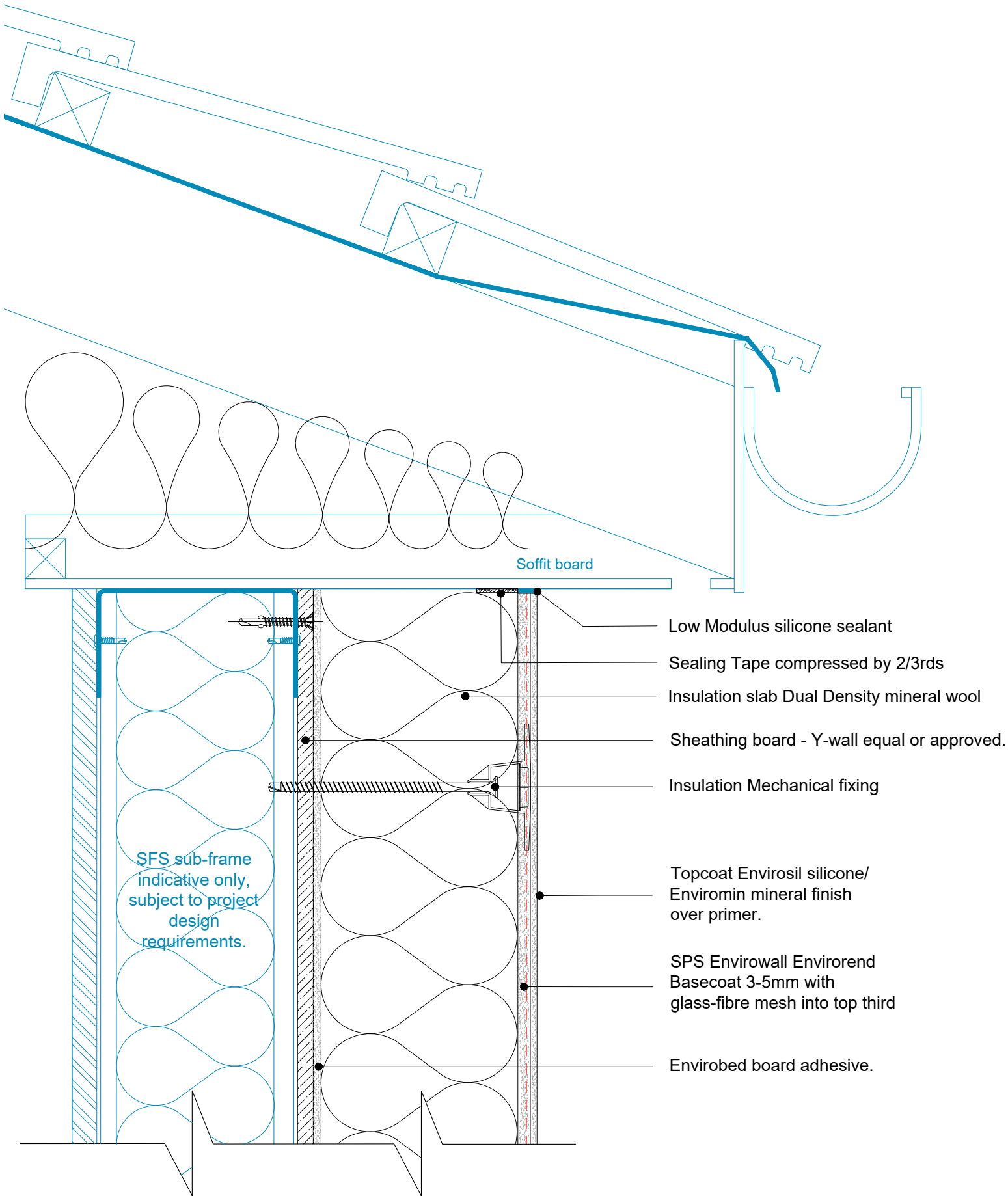
Benx Ltd, Lonsdale Chambers,
Lonsdale Street,
Stoke-on-Trent
Staffordshire
ST4 4BT
Telephone: 0845 130 0983
Email:
technicalservices@benx.co.uk

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	STATUS:	INFORMATION	DRAWN:
-	16/11/21	First Issue	AG	PROJECT:	ISO No:5201	AG
				TYPICAL DETAILS DIRECT FIX		DS
				DRAWING No: TD-DF-SFS-MW-R-22		NTS@A3
				DESCRIPTION:		DATE:
				Window Head		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 Ltd, Lonsdale Chambers,
Lonsdale Street,
Stoke-on-Trent
Staffordshire
ST4 4BT
Telephone: 0845 130 0983
Email:
technicalservices@benx.co.uk

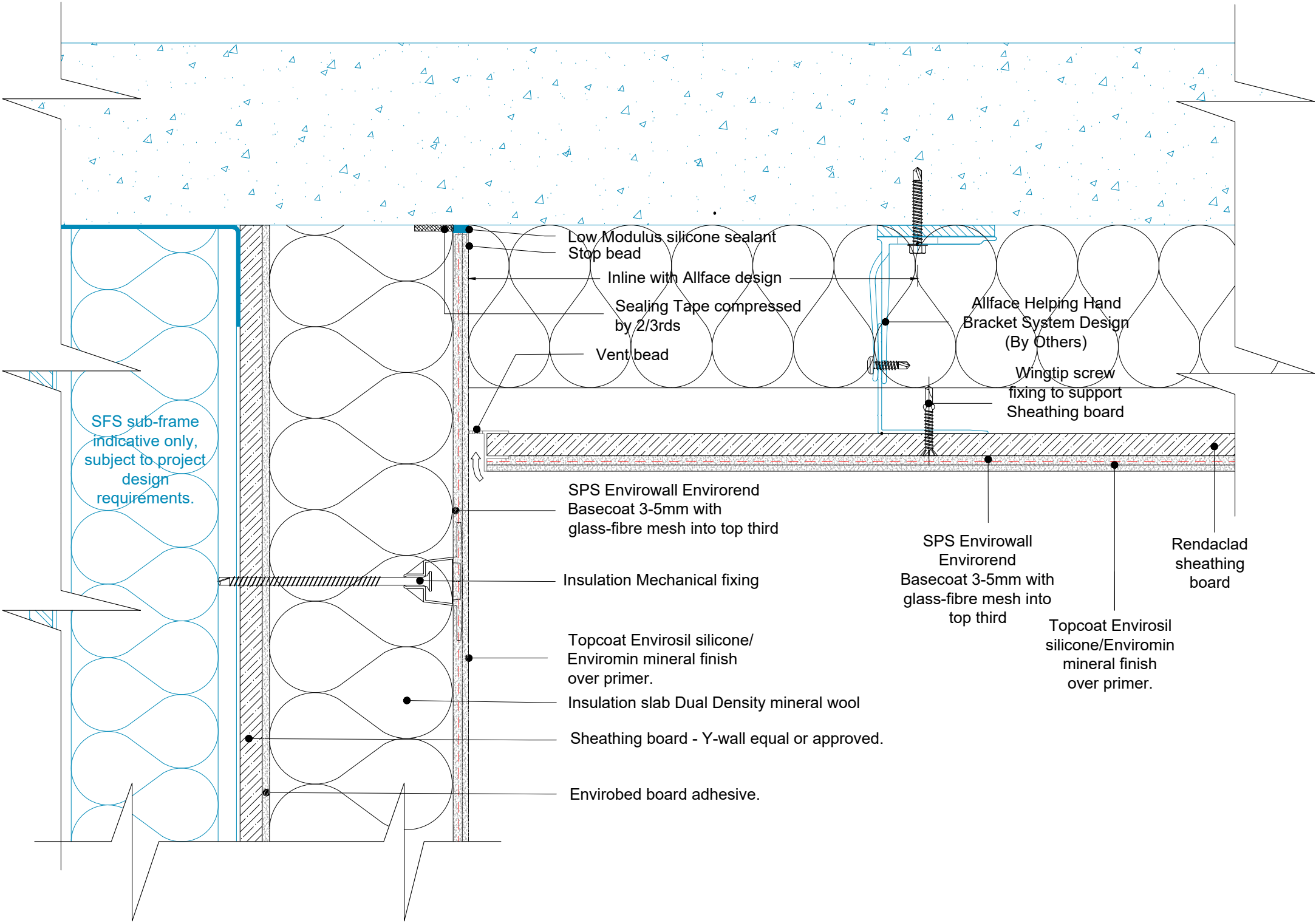
All performance data & systems specifications are for systems constructed with materials & components as shown. The inclusion or substitution of any other manufactures materials or components invalidates both test data, system performance and compliance with CDM 2015. The information is provided and 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	STATUS:	INFORMATION	DRAWN:
A	06/12/22	First Issue	AG	PROJECT:	ISO No: 5201	AG
				TYPICAL DETAILS DIRECT FIX		DS
				DRAWING No: TD-DF-SFS-MW-R-23		NTS@A3
				DESCRIPTION:		DATE:
				Soffit Detail		Aug 22
						REV:
						A



Note:

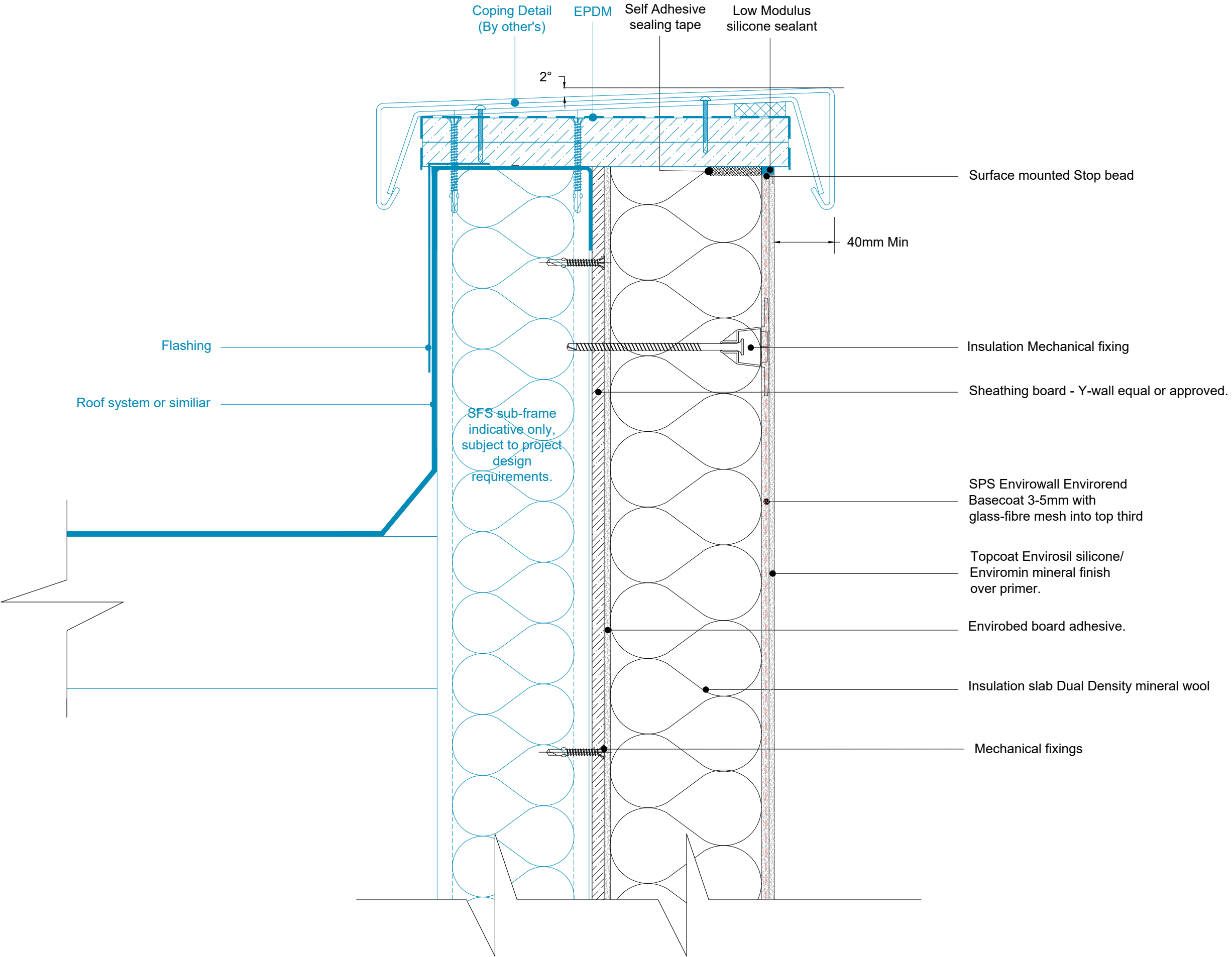
1. The EWI system illustrated are based on a typical system - All insulation thickness, mechanical fixing, beads trims, sealants to be in line with and refer to project M21 specification.
2. All main sheathing board joints to be sealed with RCM tape + Dafa tape.
3. Fixing patterns to be confirmed, subject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



REV	DATE	NOTE	BY	STATUS:	INFORMATION	DRAWN:
A	06/12/22	First Issue	AG	PROJECT:	ISO No:5201	AG
				TYPICAL DETAILS DIRECT FIX		DS
				DRAWING No: TD-DF-SFS-MW-R-24		NTS@A3
				DESCRIPTION:		DATE:
				Suspended soffit Detail		Aug 22
						REV:
						A

Note:

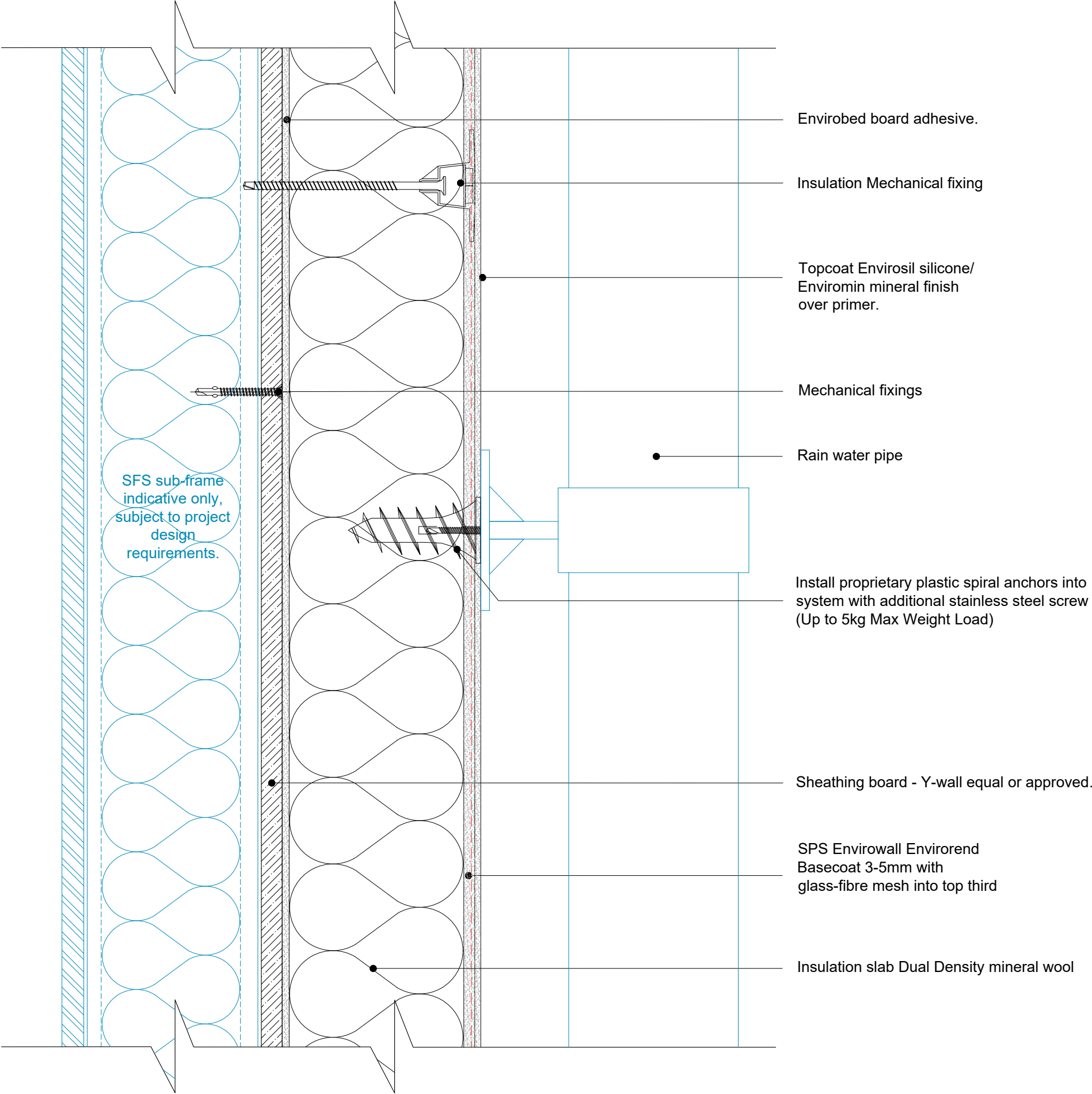
1. The EWI system illustrated are based on a typical system - All insulation thickness, mechanical fixing, beads trims, sealants to be in line with and refer to project M21 specification.
2. All main sheathing board joints to be sealed with RCM tape + Dafa tape.
3. Fixing patterns to be confirmed, subject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



REV	DATE	NOTE	BY	STATUS:	INFORMATION	DRAWN:
A	06/12/22	First Issue	AG	PROJECT:	ISO No: 5201	AG
				TYPICAL DETAILS DIRECT FIX		DS
				DRAWING No: TD-DF-SFS-MW-R-25		NTS@A3
				DESCRIPTION:		DATE:
				Coping Detail		Aug 22
						REV:
						A

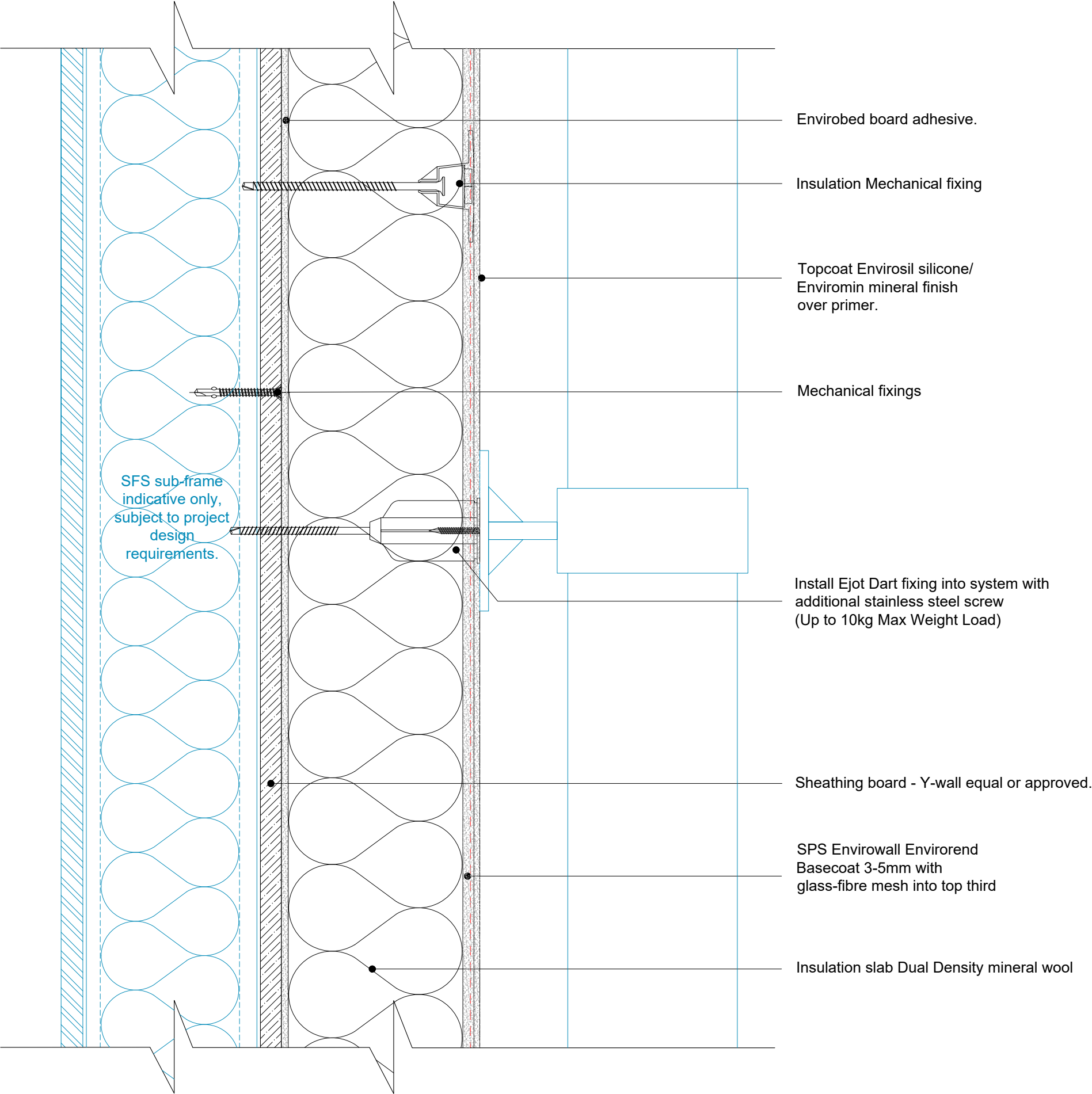
Note:

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.



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.



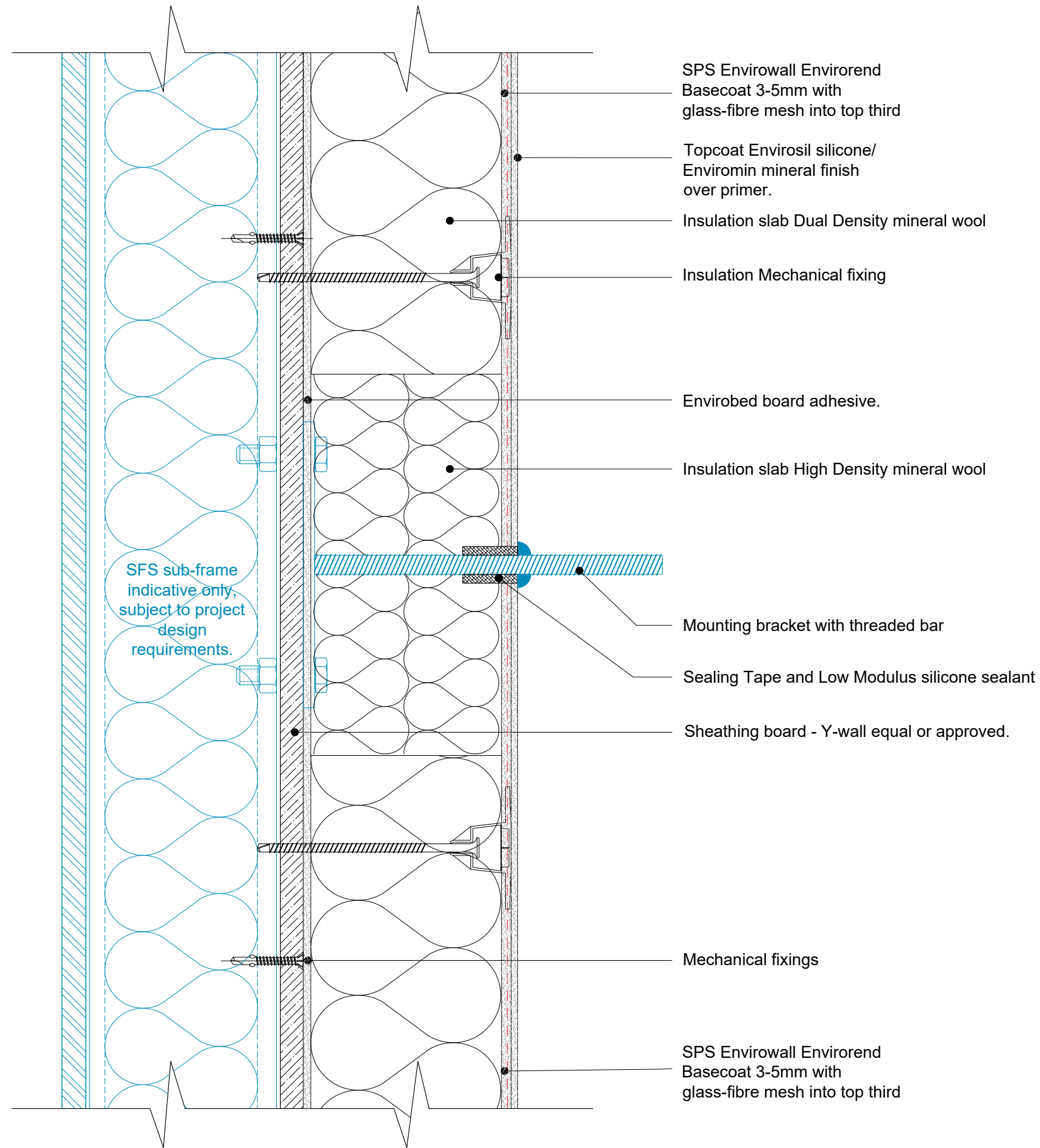
Benx Ltd, Lonsdale Chambers,
Lonsdale Street,
Stoke-on-Trent
Staffordshire
ST4 4BT
Telephone: 0845 130 0983
Email:
technicalservices@benx.co.uk

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	STATUS:	INFORMATION	DRAWN:
A	06/12/22	First Issue	AG	PROJECT:	ISO No: 5201	AG
				TYPICAL DETAILS DIRECT FIX		CHECK:
				DRAWING No: TD-DF-SFS-MW-R-27		DS
				DESCRIPTION:		NTS@A3
				External fixing detail - Mediumweight (Opt 2)		DATE:
						Aug 22
						REV:
						A



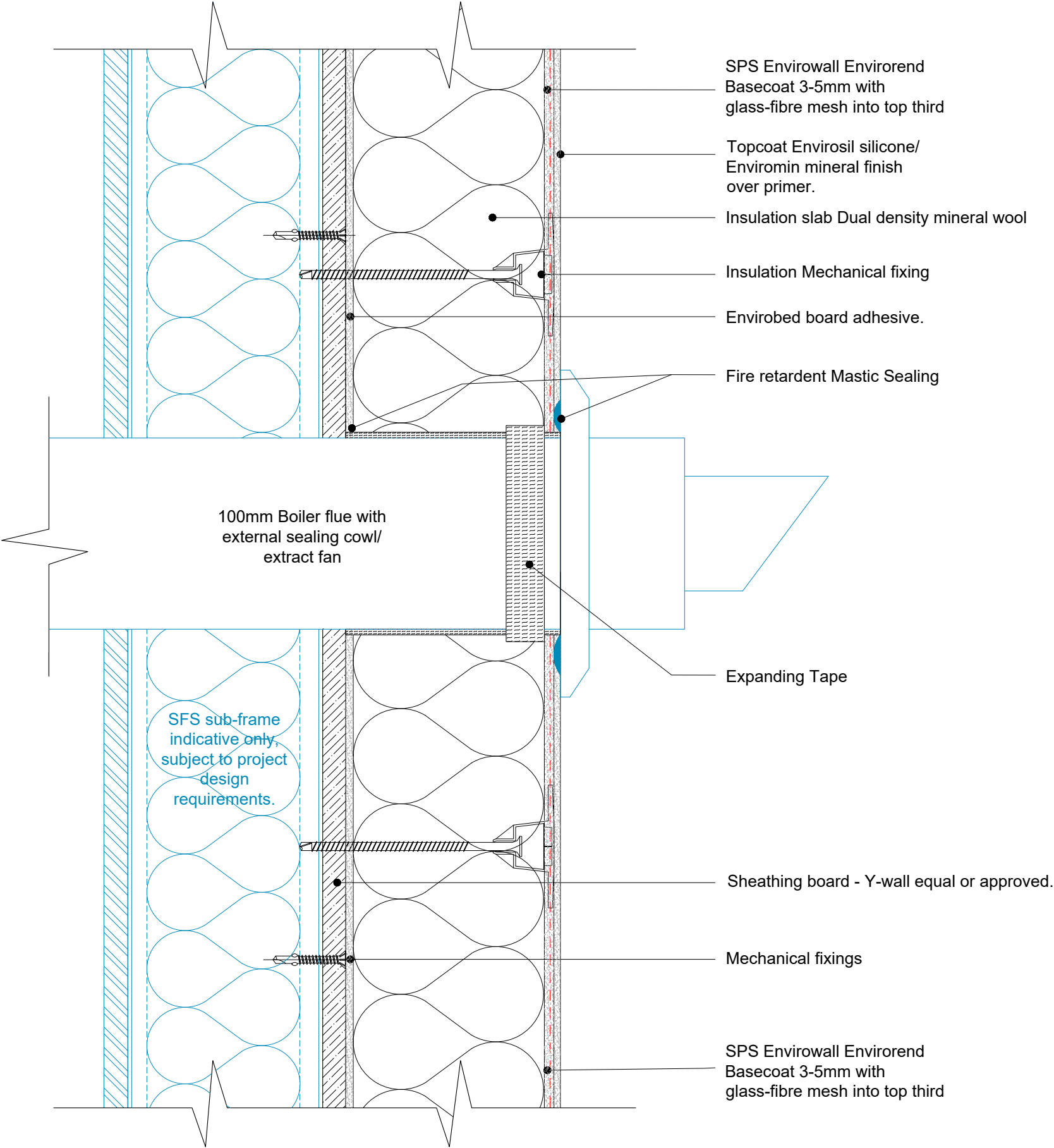
1. The EWI system illustrated are based on a typical system - All insulation thickness, mechanical fixing, beads trims, sealants to be in line with and refer to project M21 specification.
2. All main sheathing board joints to be sealed with RCM tape + Dafa tape.
3. Fixing patterns to be confirmed, subject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



REV	DATE	NOTE	BY	STATUS:	INFORMATION	DRAWN: AG
A	06/12/22	First Issue	AG	PROJECT:	ISO No:5201	CHECK: DS
				TYPICAL DETAILS DIRECT FIX		NTS@A3
				DRAWING No: TD-DF-SFS-MW-R-28		DATE:
				DESCRIPTION:		Aug 22
				External fixing detail - Heavy duty		REV:
						A

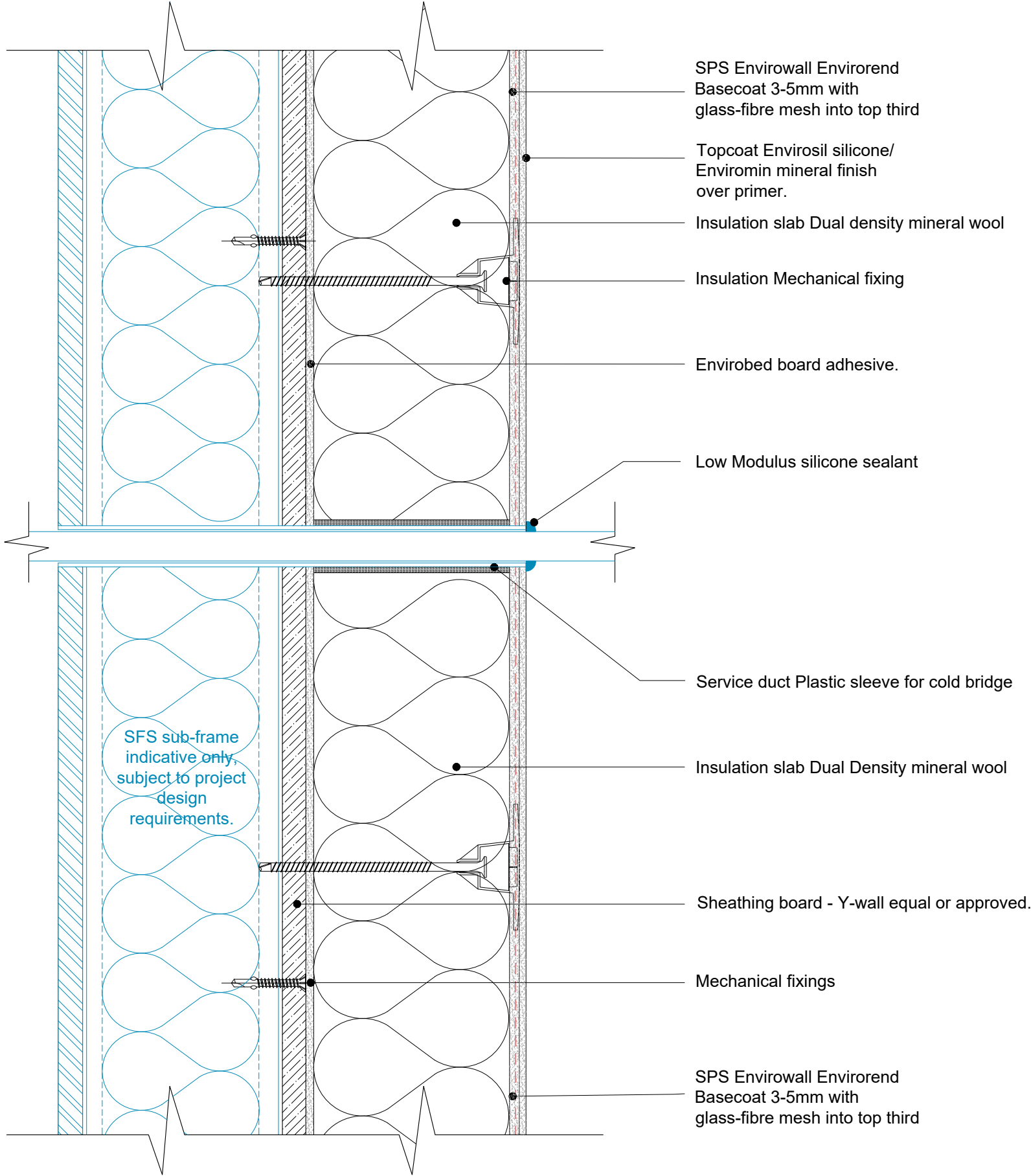
Note:

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.



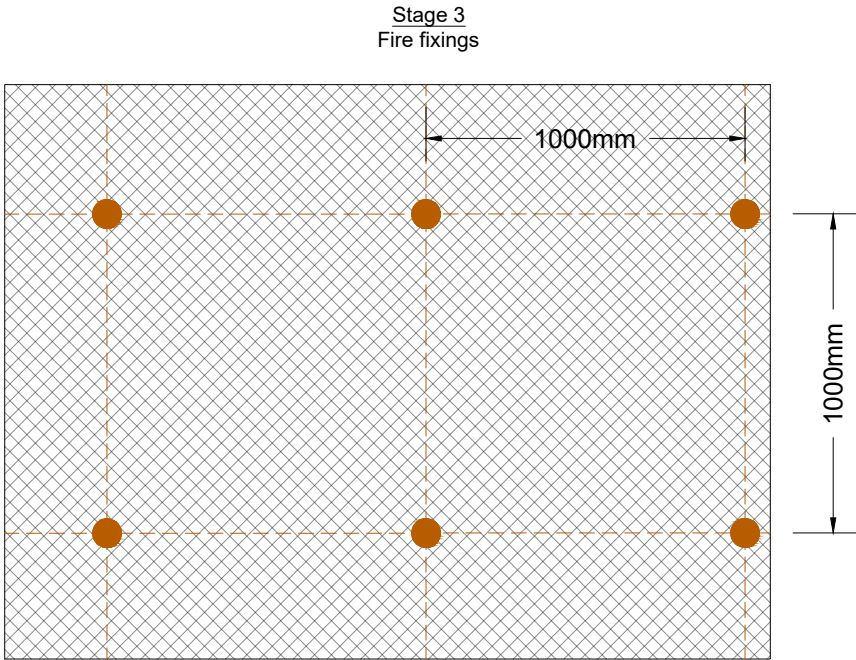
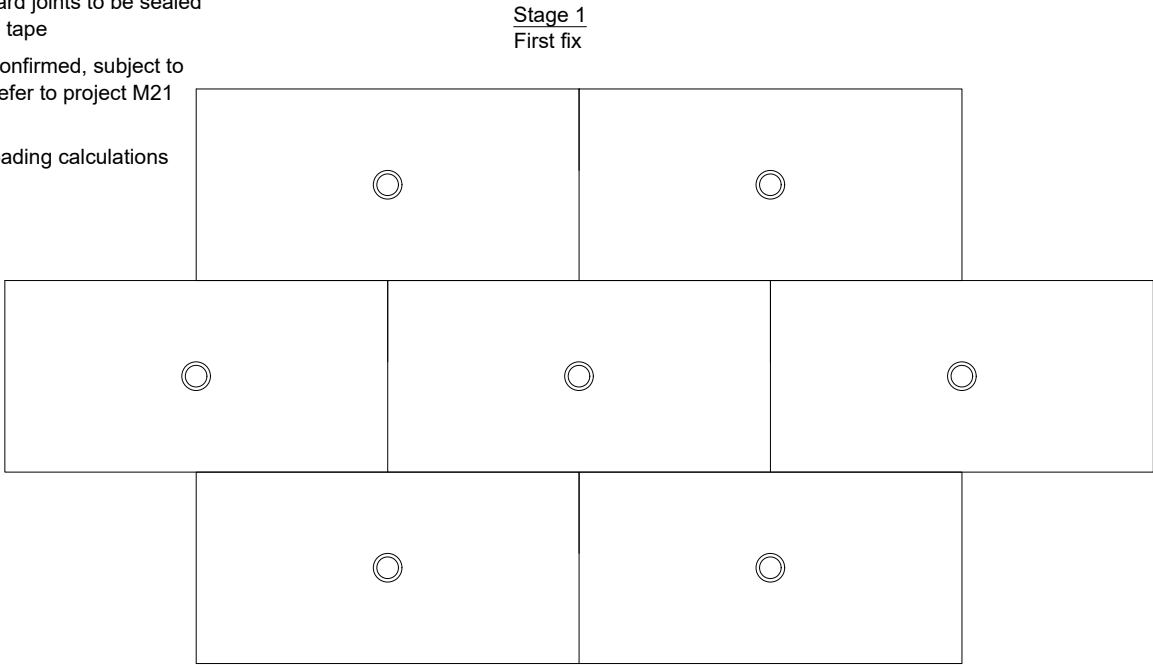
REV	DATE	NOTE	BY	STATUS:	INFORMATION	DRAWN:
A	06/12/22	First Issue	AG	PROJECT:	ISO No: 5201	AG
				TYPICAL DETAILS DIRECT FIX		DS
				DRAWING No: TD-DF-SFS-MW-R-29		NTS@A3
				DESCRIPTION:		DATE:
				Flue or extract fan detail		Aug 22
						REV:
						A

- 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.
 - 5. Service duct fire stopping by M&E Design Cordinator.

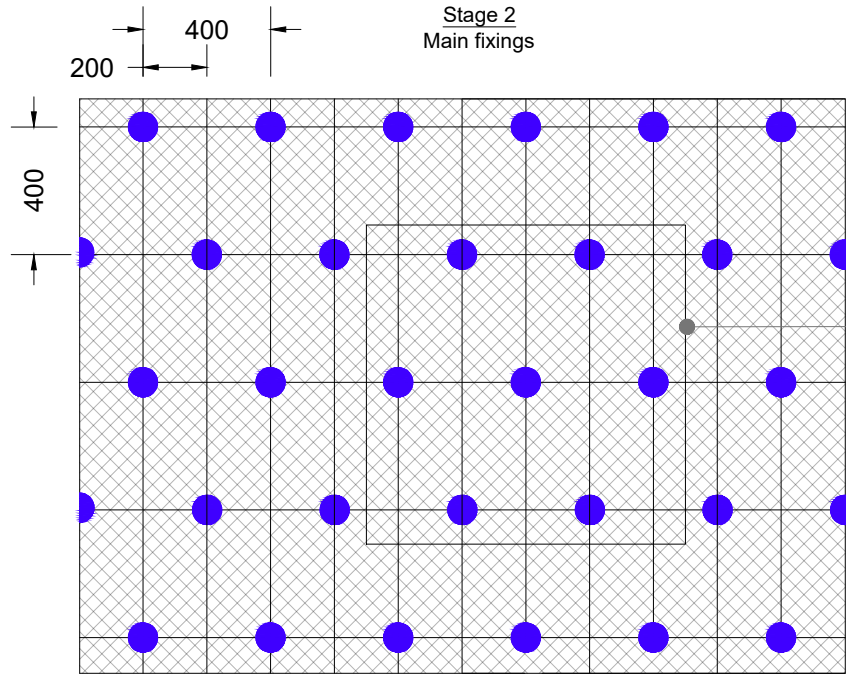


Note:

1. This drawing must be read in-conjunction with project specific NBS 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.

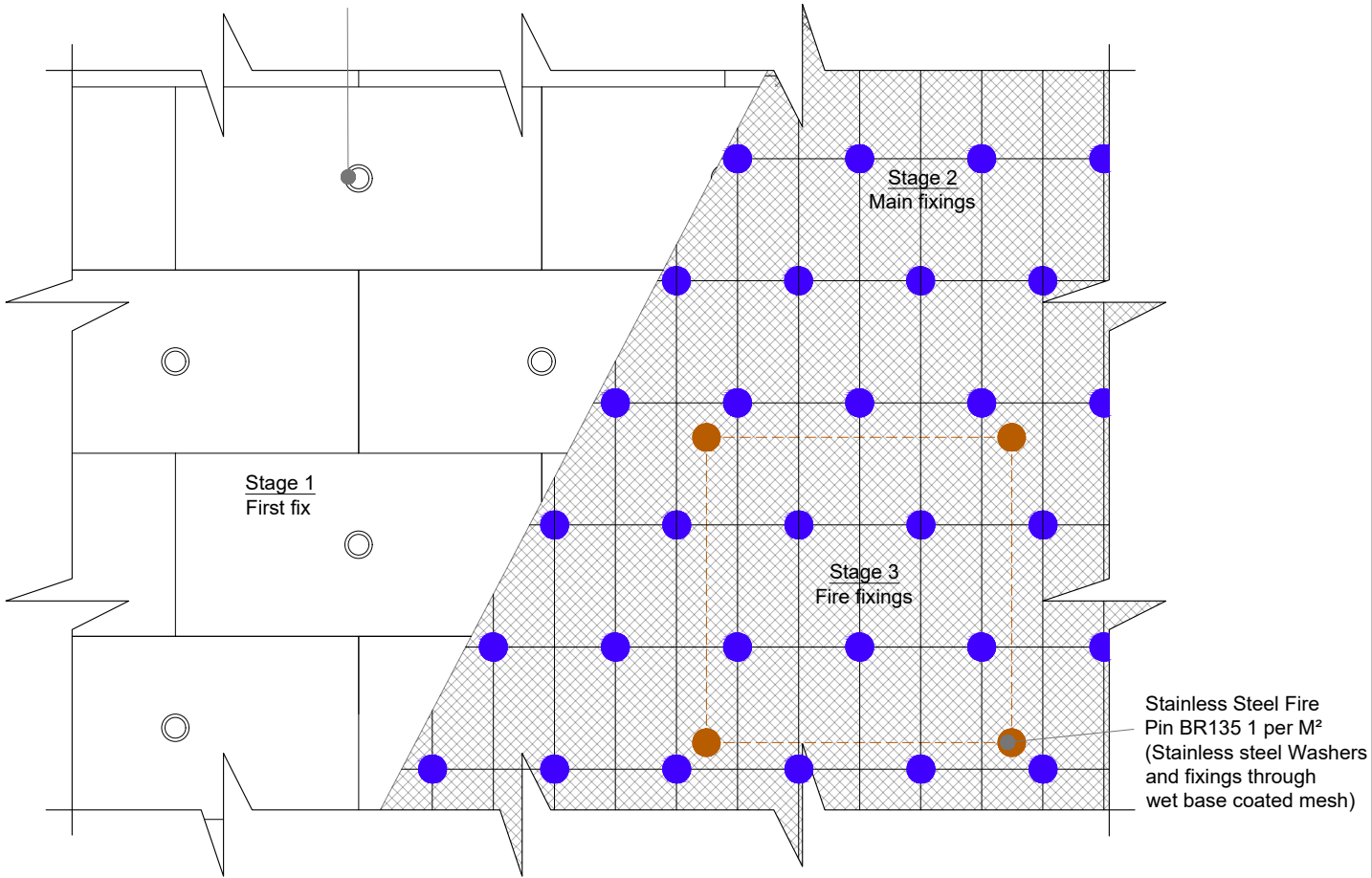


Design Wind Load Values	Number of fixings (Per M²)	Design Resistance (KN)
3.3	8	0.39*
2.6	7	
1.95	5	



Basecoat and mesh
min 7 fixings per M²
patten fixed through
wet base coated mesh.
100mm x 100mm mesh
patch over fixing head.
(No requirement for 90mm
oversized washer when
fixing through it)

Sacrificial Fixings
60mm fixing washer to sit inside
A minimum 90mm
oversized washer required
for fixings.



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.

