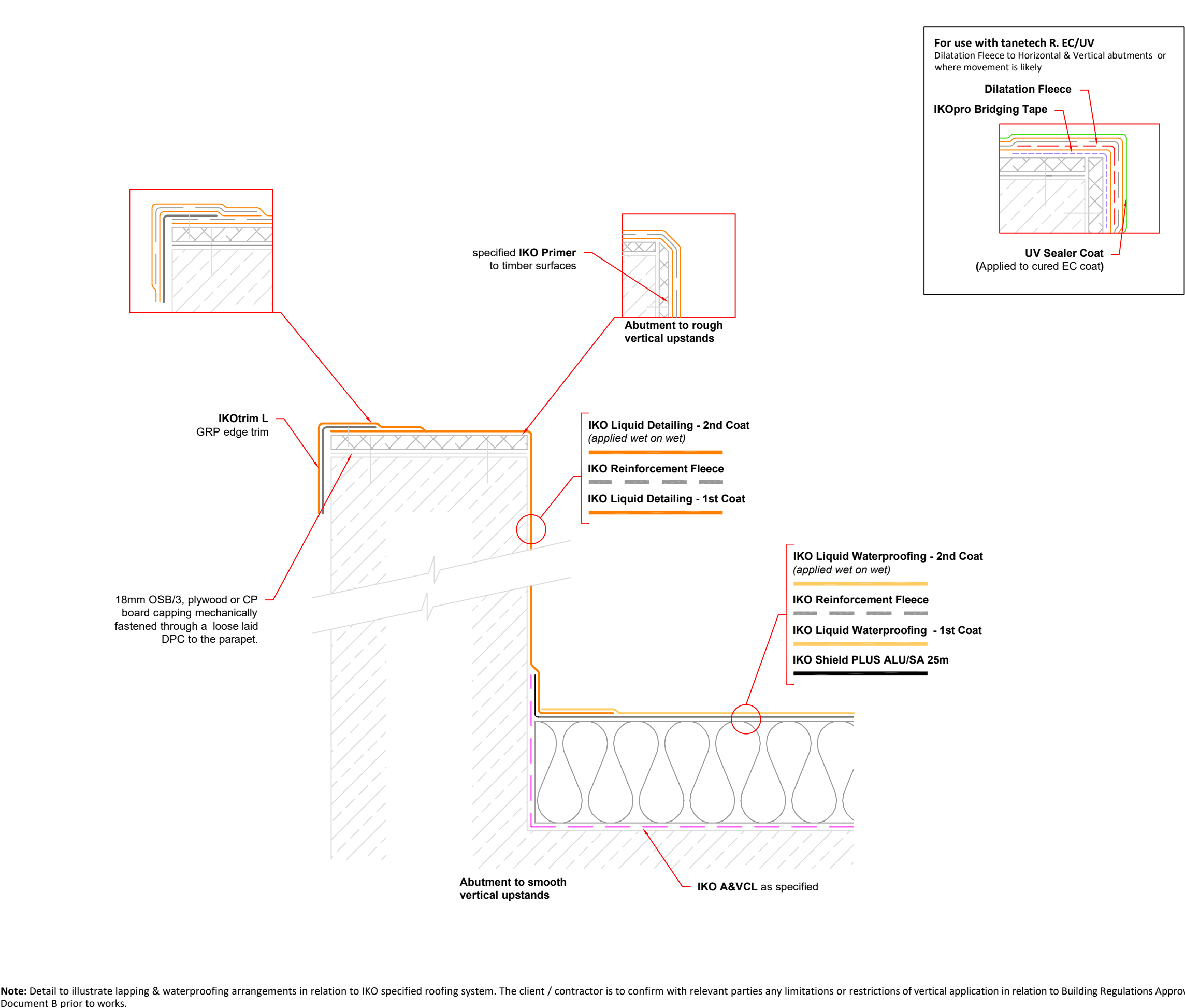




PARAPET - GRP trim

Remove any cavity tray from within the parapet, which directs water internally to the roof area. Care should be taken not to bridge over any DPC/Cavity tray when installing the new waterproofing system.

Apply an 18mm OSB/3, plywood or CP board panel to the top of the parapet over a loose laid DPC using suitable mechanical fixings. Provide positive falls to the top of the parapet towards the internal face; negative falls to the top of the parapet are not acceptable.

Apply an 18mm OSB/3, plywood or CP board panel to the vertical face of the parapet secured by mechanical fixings.

Apply sufficient coats of the specified **IKO Primer** to all surfaces to which the air & vapour control layer is to be bonded.

Apply the specified **IKO Air & Vapour Control Layer** to the primed substrate & dressed to link with **IKO Shield PLUS ALU/SA 25m** by 50mm minimum.

Apply specified **IKO enertherm Insulation** to the Air & Vapour Control Layer, to be bonded as per IKO Specification Proposal.

Apply the specified **IKO Primer** and **IKO Shield PLUS ALU/SA 25m** to the surface of the insulation to link with the Air & Vapour Control Layer as indicated. All overlaps and details in the **Shield PLUS ALU/SA 25m** must be fully bonded.

Prime all timber surfaces to be coated with liquid with the specified **IKO Primer** and tape joints in timber panels with **IKOpro BRIDGING TAPE**.

Apply **IKO Liquid Waterproofing** as indicated, installed in strict accordance with IKO Specification and installation guidance.

Apply **IKOTRIM L** edge trim, mechanically fastened to the timber capping at maximum 300mm staggered centres (150mm maximum for areas of high wind uplift). Abrade the edge trim to provide a key and clean with **IKO Acetone Cleaner**. Expansion gaps between the lengths of edge trim must be taped with **IKOpro BRIDGING TAPE**.

Apply further coat of the specified **IKO Liquid Waterproofing** as indicated, to ensure the trim is full encapsulated between waterproofing layers. Continue the **IKO Liquid Detailing** down the face of the **IKOTRIM L** as shown.

If specified apply Sealer/UV Coat to cured waterproofing (not *indicated on detail*) in strict accordance with IKO Specification and installation guidance.

NOTES:

All details to be installed in accordance with BS6229, and IKO recommendations.

All surfaces must be clean, dry, and suitably prepared to accept the waterproofing system.

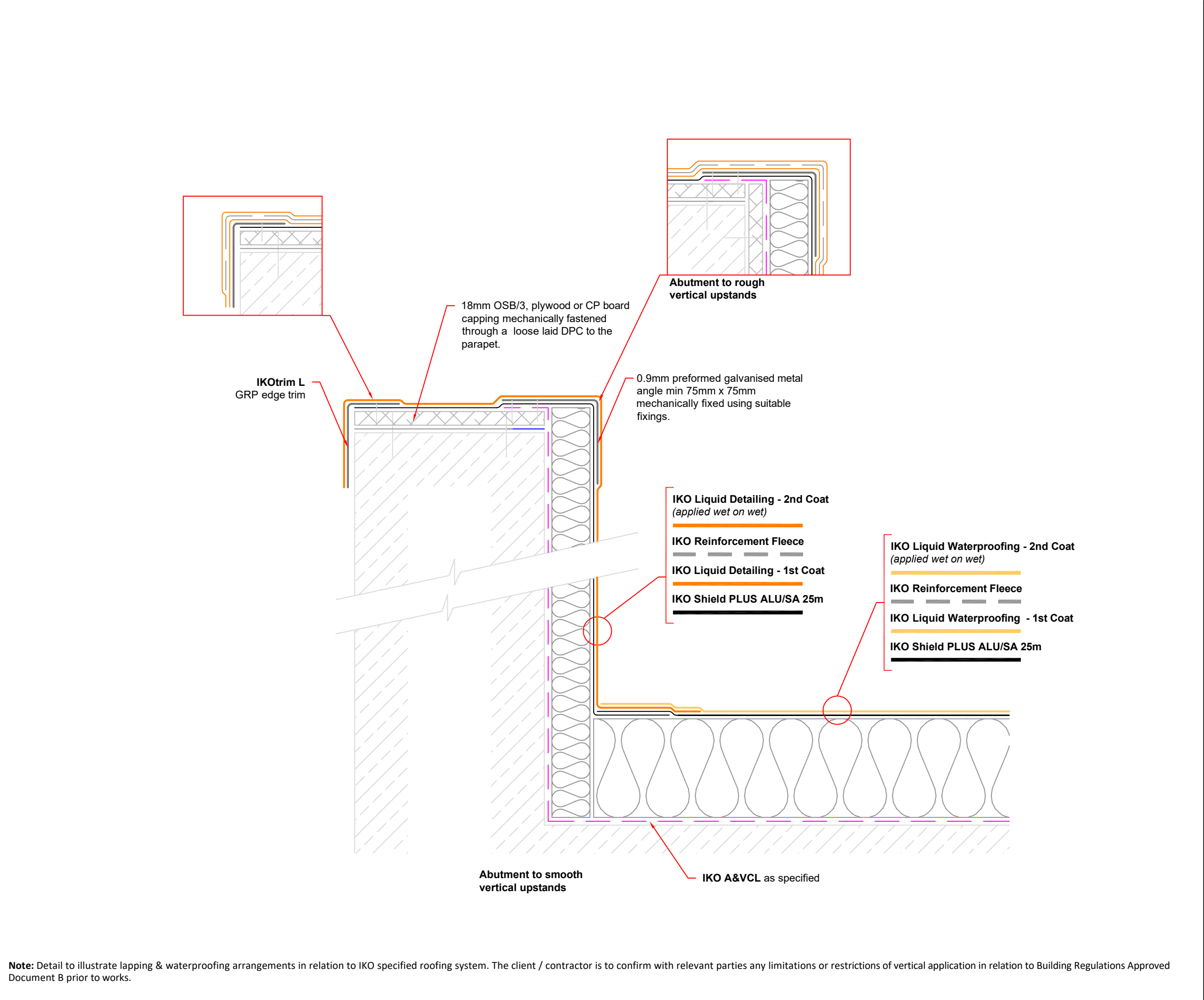
Cement Particle (CP) Boards to be used inline with SPRA, LRWA & NFRC Guidance.

During the application of all bitumen membranes a visible bead of bitumen must be exuded from all side and end laps.

For application rates of IKO liquid system products refer to the current published technical literature or project specification.

Note: Detail to illustrate lapping & waterproofing arrangements in relation to IKO specified roofing system. The client / contractor is to confirm with relevant parties any limitations or restrictions of vertical application in relation to Building Regulations Approved Document B prior to works.

 Email: technical.uk@iko.com	STANDARD DETAIL	DRAWING TITLE: PARAPET - GRP trim		DWG No: A3		This detail is provided for illustration purposes. Where shown insulation thickness may differ in accordance with specifiers U value requirement. To be read in conjunction with the IKO project specification. Refer to specification and product literature for product descriptions and application information. Copyright Reserved - Please note that this drawing & the copyright therein is the property of IKO & is issued on the understanding that the drawing or any detail thereof will not be divulged to a third party unless written permission is first obtained from IKO technical services department. The drawing is valid only when approved by the Architect/ Contractor concerned.
		DATE: March 2024	NOTES/REVISIONS: N/A	SCALE: NTS	DRAWN BY: IKO	



PARAPET - GRP trim - Insulated

Remove any cavity tray from within the parapet, which directs water internally to the roof area. Care should be taken not to bridge over any DPC/Cavity tray when installing the new waterproofing system.

Apply an 18mm OSB/3, plywood or CP board panel to the top of the parapet over a loose laid DPC using suitable mechanical fixings. Provide positive falls to the top of the parapet towards the internal face; negative falls to the top of the parapet are not acceptable.

Apply an 18mm OSB/3, plywood or CP board panel to the vertical face of the parapet secured by mechanical fixings.

Apply sufficient coats of the specified **IKO Primer** to all surfaces to which the air & vapour control layer is to be bonded.

Apply the specified **IKO Air & Vapour Control Layer** to the primed substrate & dressed to link with **IKO Shield PLUS ALU/SA 25m** by 50mm minimum.

Apply specified **IKO enertherm Insulation** to the Air & Vapour Control Layer, to be bonded as per IKO Specification Proposal.

Apply the specified **IKO Primer** and **IKO Shield PLUS ALU/SA 25m** to the surface of the insulation to link with the Air & Vapour Control Layer as indicated. All overlaps and details in the preparation membrane must be fully bonded.

Apply a preformed metal angle (minimum 150mm x 150mm) bonded in 2 Part PU Adhesive to protect the edges of the vertical insulation.

Prime metal angle to be coated with liquid with the specified **IKO Primer** and tape joints with **IKOpro BRIDGING TAPE**.

Apply **IKOTRIM L** edge trim, mechanically fastened to the timber capping at maximum 300mm staggered centres (150mm maximum for areas of high wind uplift). Abrade the edge trim to provide a key and clean with **IKO Acetone Cleaner**. Expansion gaps between the lengths of edge trim must be taped with **IKOpro BRIDGING TAPE**.

Apply **IKO Liquid Waterproofing** as indicated, installed in strict accordance with IKO Specification and installation guidance. Continue the **IKO Liquid Detailing** down the face of the **IKOTRIM L** as shown.

If specified apply Sealer/UV Coat to cured waterproofing (not *indicated on detail*) in strict accordance with IKO Specification and installation guidance.

NOTES:

All details to be installed in accordance with BS6229, and IKO recommendations.

All surfaces must be clean, dry, and suitably prepared to accept the waterproofing system.

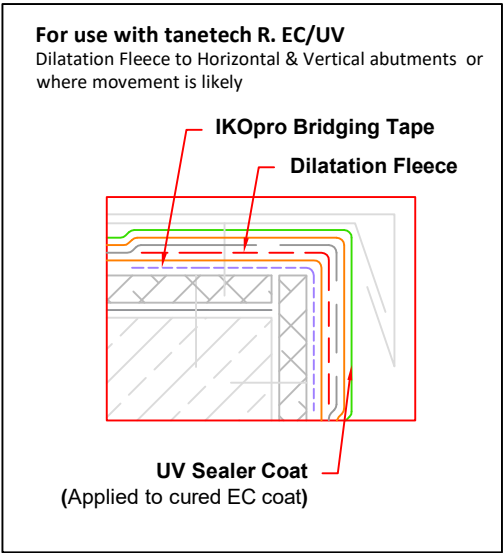
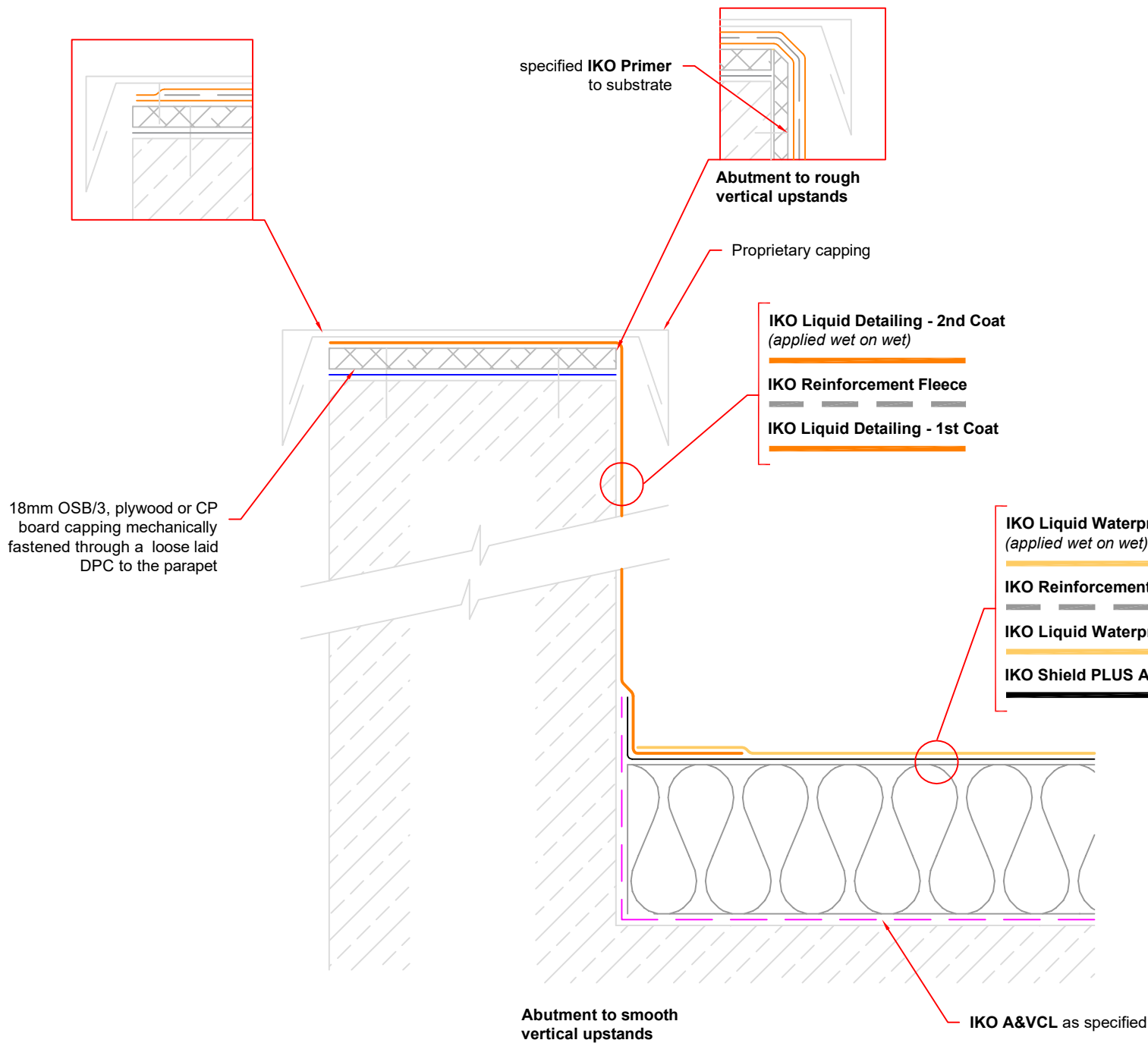
During the application of all bitumen membranes a visible bead of bitumen must be exuded from all side and end laps.

Cement Particle (CP) Boards to be used inline with SPRA, LRWA & NFRC Guidance

Additional mechanical fixing through the membrane at the top edge to resist slippage will be required on vertical details >250mm.

For application rates of IKO liquid system products refer to the current published technical literature or project specification.

 Email: technical.uk@iko.com	STANDARD DETAIL	DRAWING TITLE: PARAPET - GRP trim - Insulated		DWg No: A4		This detail is provided for illustration purposes. Where shown insulation thickness may differ in accordance with specifiers U value requirement. To be read in conjunction with the IKO project specification. Refer to specification and product literature for product descriptions and application information. Copyright Reserved - Please note that this drawing & the copyright therein is the property of IKO & is issued on the understanding that the drawing or any detail thereof will not be divulged to a third party unless written permission is first obtained from IKO technical services department. The drawing is valid only when approved by the Architect/ Contractor concerned.
		DATE: March 2024	NOTES/REVISIONS: N/A	SCALE: NTS	DRAWN BY: IKO	



PARAPET - Proprietary Capping

Remove any cavity tray from within the parapet, which directs water internally to the roof area. Care should be taken not to bridge over any DPC/Cavity tray when installing the new waterproofing system.

Apply an 18mm OSB/3, plywood or CP board panel, to the top of the parapet, over a loose laid DPC and to the vertical face of the parapet secured by mechanical fixings.

Apply sufficient coats of the specified **IKO Primer** to all surfaces to which the air & vapour control layer is to be bonded.

Apply the specified **IKO Air & Vapour Control Layer** to the primed substrate & dressed to link with **IKO Shield PLUS ALU/SA 25m** by 50mm minimum.

Apply specified **IKO enertherm Insulation** to the Air & Vapour Control Layer, to be bonded as per IKO Specification Proposal.

Apply the specified **IKO Primer** and **IKO Shield PLUS ALU/SA 25m** to the surface of the insulation to link with the Air & Vapour Control Layer as indicated. All overlaps and details in the preparation membrane must be fully bonded.

Prime all timber surfaces to be coated with liquid with the specified **IKO Primer** and tape joints in timber panels with **IKOpro BRIDGING TAPE**.

Apply **IKO Liquid Waterproofing** as indicated, installed in strict accordance with IKO Specification and installation guidance.

If specified apply Sealer/UV Coat to cured waterproofing (not *indicated on detail*) in strict accordance with IKO Specification and installation guidance.

Install/ replace proprietary capping system, in accordance with manufacturers' recommendations.

NOTES:

All details to be installed in accordance with BS6229, and IKO recommendations.

All surfaces must be clean, dry, and suitably prepared to accept the waterproofing system.

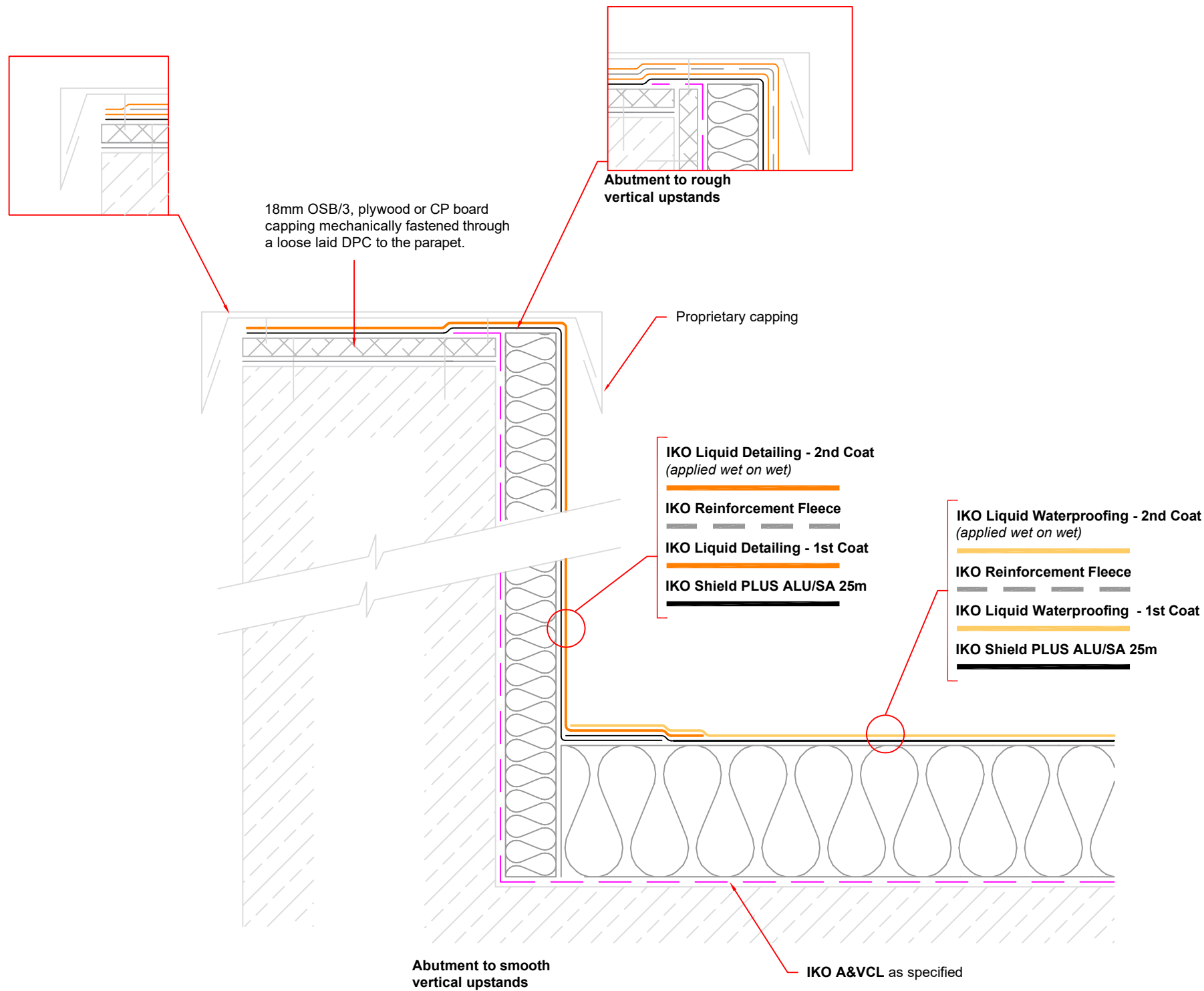
Cement Particle (CP) Boards to be used inline with SPRA, LRWA & NFRC Guidance

During the application of all bitumen membranes a visible bead of bitumen must be exuded from all side and end laps.

For application rates of IKO liquid system products refer to the current published technical literature or project specification.

Note: Detail to illustrate lapping & waterproofing arrangements in relation to IKO specified roofing system. The client / contractor is to confirm with relevant parties any limitations or restrictions of vertical application in relation to Building Regulations Approved Document B prior to works.

 Email: technical.uk@iko.com	STANDARD DETAIL	DRAWING TITLE: PARAPET - Proprietary Capping		DWG No: A7		This detail is provided for illustration purposes. Where shown insulation thickness may differ in accordance with specifiers U value requirement. To be read in conjunction with the IKO project specification. Refer to specification and product literature for product descriptions and application information. Copyright Reserved - Please note that this drawing & the copyright therein is the property of IKO & is issued on the understanding that the drawing or any detail thereof will not be divulged to a third party unless written permission is first obtained from IKO technical services department. The drawing is valid only when approved by the Architect/ Contractor concerned.
		DATE: March 2024	NOTES/REVISIONS: N/A	SCALE: NTS	DRAWN BY: IKO	



PARAPET - Proprietary Capping - Insulated

Remove any cavity tray from within the parapet, which directs water internally to the roof area. Care should be taken not to bridge over any DPC/Cavity tray when installing the new waterproofing system.

Apply an 18mm OSB/3, plywood or CP panel panel, to the top of the parapet, over a loose laid DPC and to the vertical face of the parapet secured by mechanical fixings.

Apply sufficient coats of the specified **IKO Primer** to all surfaces to which the air & vapour control layer is to be bonded.

Apply the specified **IKO Air & Vapour Control Layer** to the primed substrate & dressed to link with **IKO Shield PLUS ALU/SA 25m** by 50mm minimum.

Apply specified **IKO enertherm Insulation** to the Air & Vapour Control Layer, to be bonded as per IKO Specification Proposal.

Apply the specified **IKO Primer** and **IKO Shield PLUS ALU/SA 25m** to the surface of the insulation to link with the Air & Vapour Control Layer as indicated. All overlaps and details in the preparation membrane must be fully bonded.

Apply **IKO Liquid Waterproofing** as indicated, installed in strict accordance with IKO Specification and installation guidance.

If specified apply Sealer/UV Coat to cured waterproofing (not *indicated on detail*) in strict accordance with IKO Specification and installation guidance.

Install/ replace proprietary capping system, in accordance with manufacturers' recommendations.

NOTES:

All details to be installed in accordance with BS6229, and IKO recommendations.

All surfaces must be clean, dry, and suitably prepared to accept the waterproofing system.

Cement Particle (CP) Boards to be used inline with SPRA, LRWA & NFRC Guidance

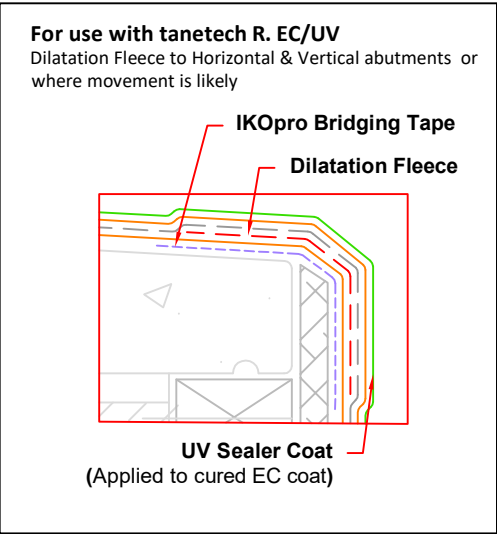
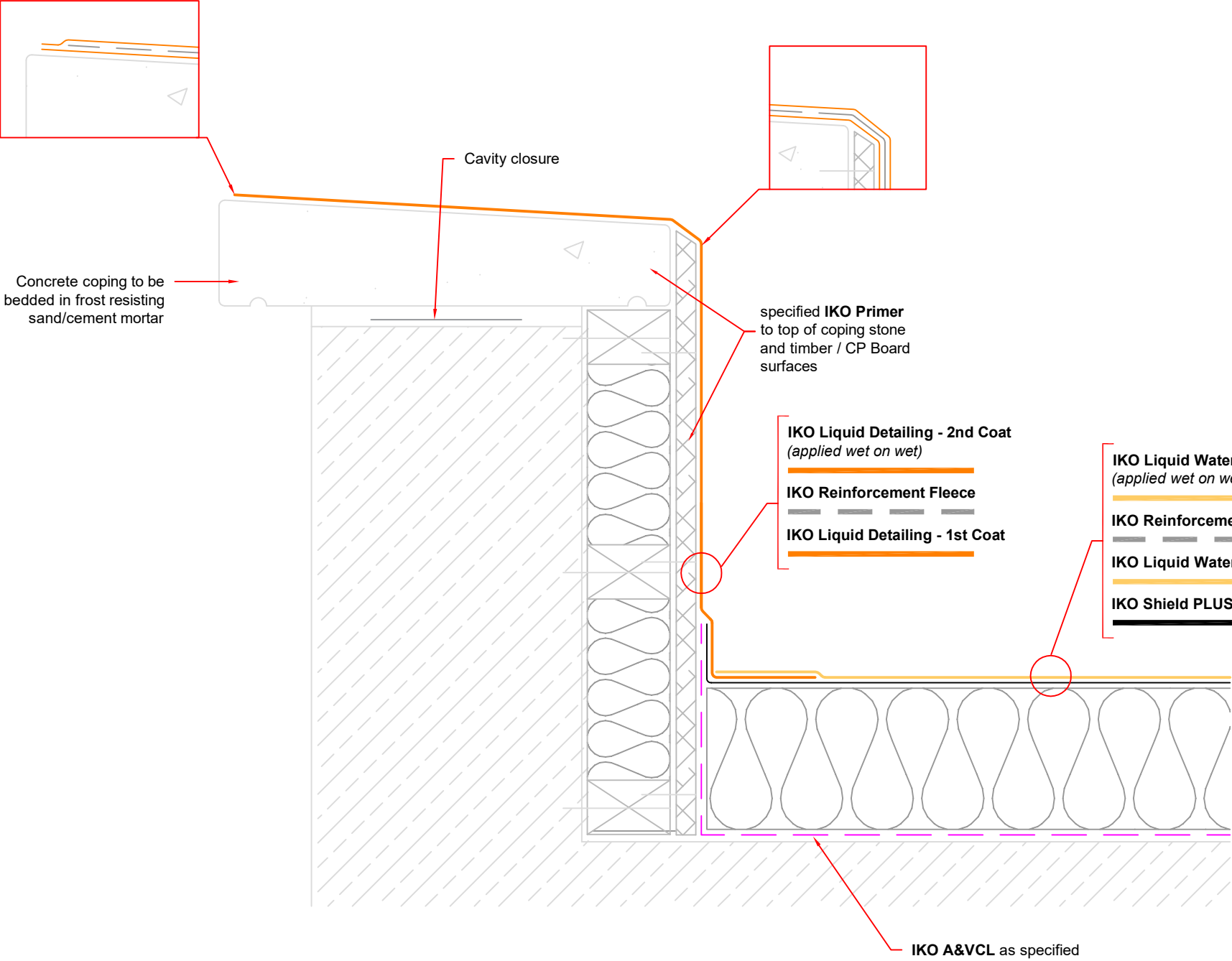
During the application of all bitumen membranes a visible bead of bitumen must be exuded from all side and end laps.

Additional mechanical fixing through the membrane at the top edge to resist slippage will be required on vertical details >250mm.

For application rates of IKO liquid system products refer to the current published technical literature or project specification.

Note: Detail to illustrate lapping & waterproofing arrangements in relation to IKO specified roofing system. The client / contractor is to confirm with relevant parties any limitations or restrictions of vertical application in relation to Building Regulations Approved Document B prior to works.

 Email: technical.uk@iko.com	STANDARD DETAIL	DRAWING TITLE: PARAPET - Proprietary Capping - Insulated		DWG No: A8		This detail is provided for illustration purposes. Where shown insulation thickness may differ in accordance with specifiers U value requirement. To be read in conjunction with the IKO project specification. Refer to specification and product literature for product descriptions and application information. Copyright Reserved - Please note that this drawing & the copyright therein is the property of IKO & is issued on the understanding that the drawing or any detail thereof will not be divulged to a third party unless written permission is first obtained from IKO technical services department. The drawing is valid only when approved by the Architect/ Contractor concerned.
		DATE: March 2024	NOTES/REVISIONS: N/A	SCALE: NTS	DRAWN BY: IKO	



PARAPET - Encapsulate Copings- Batten & Panel

Remove any cavity tray from within the parapet, which directs water internally to the roof area. Care should be taken not to bridge over any DPC/Cavity tray when installing the new waterproofing system.

Ensure that the existing coping stones are securely fixed, rebedding in frost resistance sand/cement mortar as necessary.

Fix sufficient timber battens of appropriate dimensions to the vertical surface to allow application of an 18mm OSB/3, plywood or CP panel to the vertical face as indicated.

Apply sufficient coats of the specified **IKO Primer** to all surfaces to which the air & vapour control layer is to be bonded.

Apply the specified **IKO Air & Vapour Control Layer** to the primed substrate & dressed to link with **IKO Shield PLUS ALU/SA 25m** by 50mm minimum.

Apply specified **IKO enertherm Insulation** to the Air & Vapour Control Layer, to be bonded as per IKO Specification Proposal.

Apply the specified **IKO Primer** and **IKO Shield PLUS ALU/SA 25m** to the surface of the insulation to link with the Air & Vapour Control Layer as indicated. All overlaps and details in the preparation membrane must be fully bonded.

Prime the top surface of the coping stone with the specified **IKO Primer**.

Apply **IKO Liquid Waterproofing** as indicated terminating on the top edge of the coping stone, installed in strict accordance with IKO Specification and installation guidance.

If specified apply Sealer/UV Coat to cured waterproofing (not *indicated on detail*) in strict accordance with IKO Specification and installation guidance.

NOTES:

All details to be installed in accordance with BS6229, and IKO recommendations.

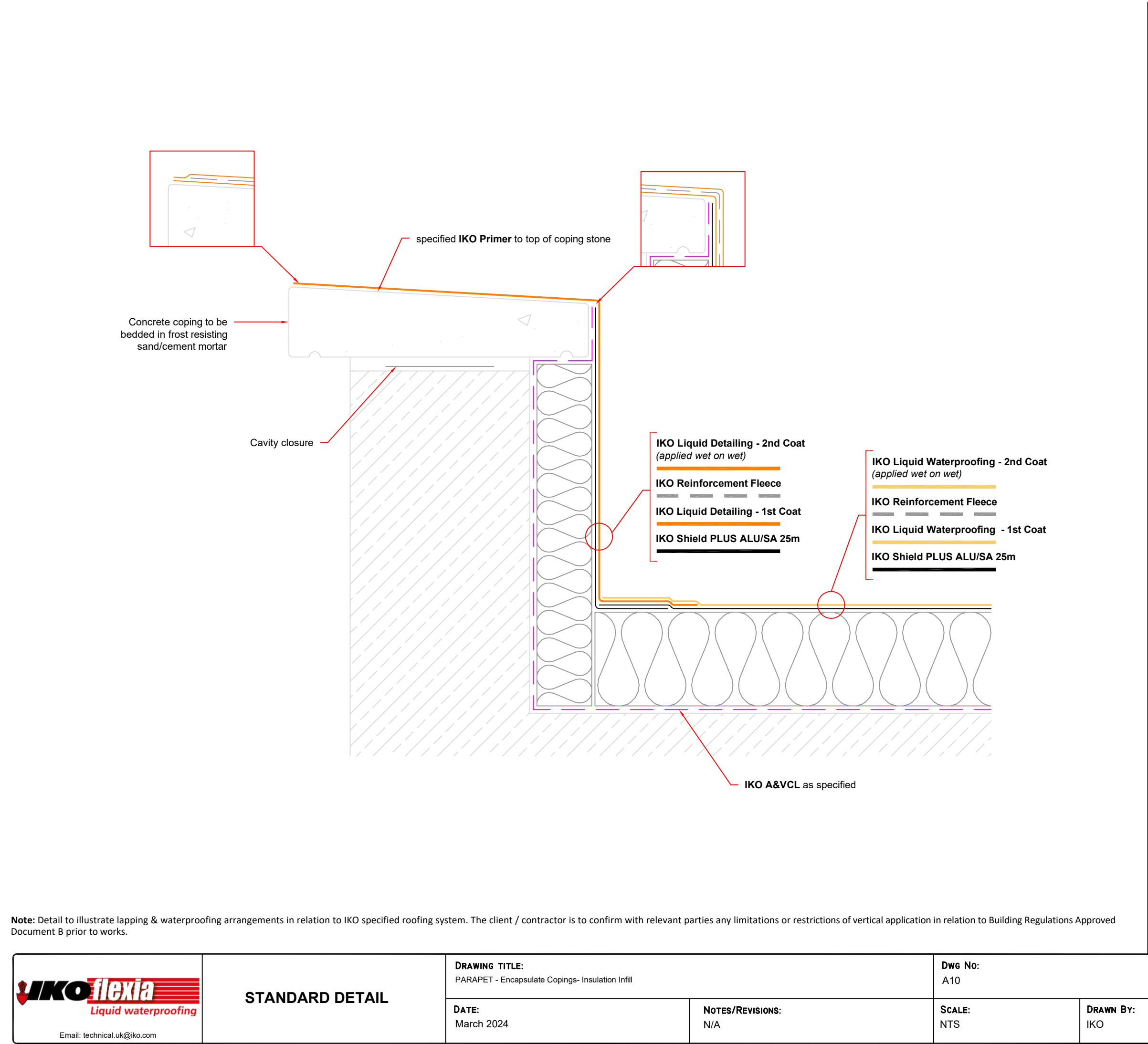
All surfaces must be clean, dry, and suitably prepared to accept the waterproofing system.

During the application of all bitumen membranes a visible bead of bitumen must be exuded from all side and end laps.

For application rates of IKO liquid system products refer to the current published technical literature or project specification.

Note: Detail to illustrate lapping & waterproofing arrangements in relation to IKO specified roofing system. The client / contractor is to confirm with relevant parties any limitations or restrictions of vertical application in relation to Building Regulations Approved Document B prior to works.

 Email: technical.uk@iko.com	STANDARD DETAIL	DRAWING TITLE: PARAPET - Encapsulate Copings - Batten & Panel		Dwg No: A9		This detail is provided for illustration purposes. Where shown insulation thickness may differ in accordance with specifiers U value requirement. To be read in conjunction with the IKO project specification. Refer to specification and product literature for product descriptions and application information. Copyright Reserved - Please note that this drawing & the copyright therein is the property of IKO & is issued on the understanding that the drawing or any detail thereof will not be divulged to a third party unless written permission is first obtained from IKO technical services department. The drawing is valid only when approved by the Architect/ Contractor concerned.
		DATE: March 2024	NOTES/REVISIONS: N/A	SCALE: NTS	DRAWN BY: IKO	



PARAPET - Encapsulate Copings - Insulation Infill

Remove any cavity tray from within the parapet, which directs water internally to the roof area. Care should be taken not to bridge over any DPC/Cavity tray when installing the new waterproofing system.

Ensure that the existing coping stones are securely fixed, rebedding in frost resistance sand/cement mortar as necessary.

Apply sufficient coats of the specified **IKO Primer** to all surfaces to which the air & vapour control layer is to be bonded.

Apply the specified **IKO Air & Vapour Control Layer** to the primed substrate & dressed to link with **IKO Shield PLUS ALU/SA 25m** by 50mm minimum.

Apply specified **IKO enertherm Insulation** to the Air & Vapour Control Layer, to be bonded as per IKO Specification Proposal.

Apply the specified **IKO Primer** and **IKO Shield PLUS ALU/SA 25m** to the surface of the insulation to link with the Air & Vapour Control Layer as indicated. All overlaps and details in the preparation membrane must be fully bonded.

Prime the top surface of the coping stone with the specified **IKO Primer**.

Apply **IKO Liquid Waterproofing** as indicated terminating on the top edge of the coping stone, installed in strict accordance with IKO Specification and installation guidance.

If specified apply Sealer/UV Coat to cured waterproofing (not *indicated on detail*) in strict accordance with IKO Specification and installation guidance.

NOTES:

All details to be installed in accordance with BS6229, and IKO recommendations.

All surfaces must be clean, dry, and suitably prepared to accept the waterproofing system.

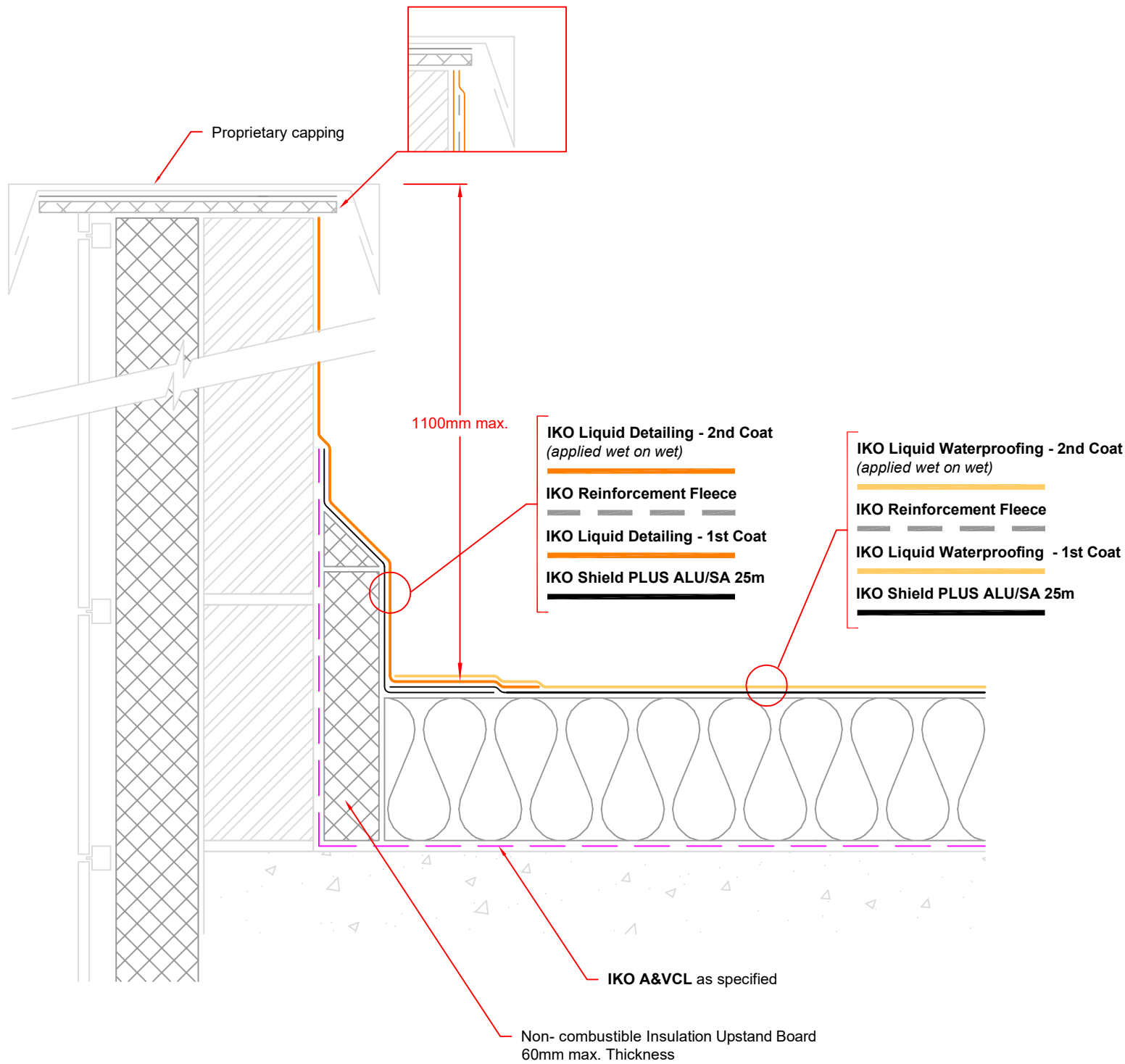
During the application of all bitumen membranes a visible bead of bitumen must be exuded from all side and end laps.

Additional mechanical fixing through the membrane at the top edge to resist slippage will be required on vertical details >250mm.

For application rates of IKO liquid system products refer to the current published technical literature or project specification.

Note: Detail to illustrate lapping & waterproofing arrangements in relation to IKO specified roofing system. The client / contractor is to confirm with relevant parties any limitations or restrictions of vertical application in relation to Building Regulations Approved Document B prior to works.

 Email: technical.uk@iko.com	STANDARD DETAIL	DRAWING TITLE: PARAPET - Encapsulate Copings- Insulation Infill		DWG No: A10		This detail is provided for illustration purposes. Where shown insulation thickness may differ in accordance with specifiers U value requirement. To be read in conjunction with the IKO project specification. Refer to specification and product literature for product descriptions and application information. Copyright Reserved - Please note that this drawing & the copyright therein is the property of IKO & is issued on the understanding that the drawing or any detail thereof will not be divulged to a third party unless written permission is first obtained from IKO technical services department. The drawing is valid only when approved by the Architect/ Contractor concerned.
		DATE: March 2024	NOTES/REVISIONS: N/A	SCALE: NTS	DRAWN BY: IKO	



PARAPET - Proprietary Capping with External Cladding

Apply sufficient coats of the specified **IKO Primer** to all surfaces to which the air & vapour control layer is to be bonded.

Apply the specified **IKO Air & Vapour Control Layer** to the primed substrate & dressed to link with **IKO Shield PLUS ALU/SA 25m** by 50mm minimum.

Apply the non-combustible Insulation Upstand Board to the Vapour Control Layer, to be bonded as per IKO Specification Proposal.

Provide **IKO ENERTHERM MW ANGLE FILLETS** to the junction of all horizontal & vertical abutments.

Apply specified **IKO enertherm Insulation** to the Air & Vapour Control Layer, to be bonded as per IKO Specification Proposal.

Apply the specified **IKO Primer** and **IKO Shield PLUS ALU/SA 25m** to the surface of the insulation to link with the Air & Vapour Control Layer as indicated. All overlaps and details in the preparation membrane must be fully bonded.

Prime all timber surfaces to be coated with liquid with the specified **IKO Primer** and tape joints in timber panels with **IKOpro BRIDGING TAPE**.

Apply **IKO Liquid Waterproofing** as indicated, installed in strict accordance with IKO Specification and installation guidance.

If specified apply Sealer/UV Coat to cured waterproofing (not *indicated on detail*) in strict accordance with IKO Specification and installation guidance.

Install/ replace proprietary capping system, in accordance with manufacturers' recommendations.

NOTES:

All details to be installed in accordance with BS6229, and IKO recommendations.

All surfaces must be clean, dry, and suitably prepared to accept the waterproofing system.

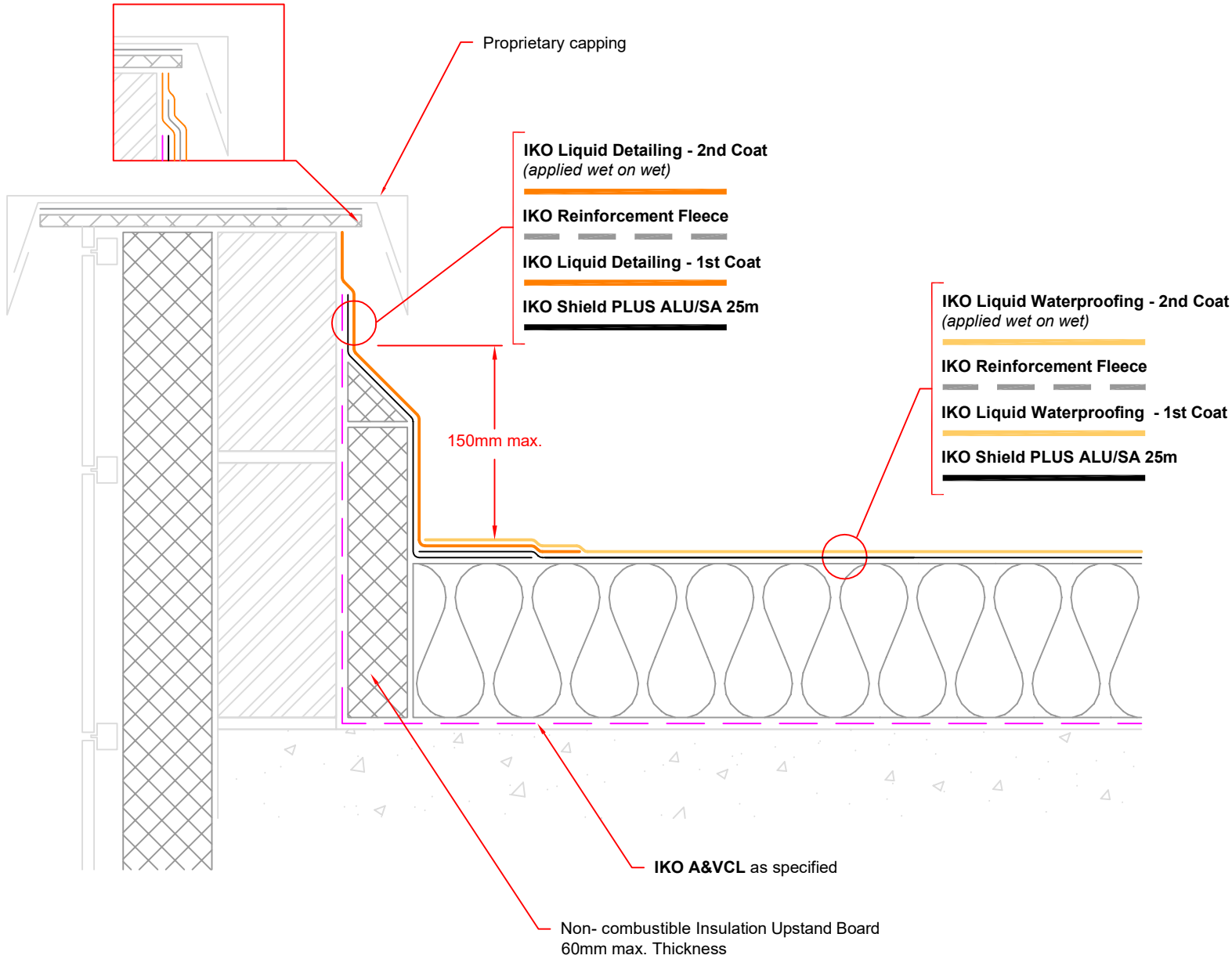
Cement Particle (CP) Boards to be used inline with SPRA, LRWA & NFRC Guidance

During the application of all bitumen membranes a visible bead of bitumen must be exuded from all side and end laps.

For application rates of IKO liquid system products refer to the current published technical literature or project specification.

Note: Detail to illustrate lapping & waterproofing arrangements in relation to IKO specified roofing system. The client / contractor is to confirm with relevant parties any limitations or restrictions of vertical application in relation to Building Regulations Approved Document B prior to works.

 Email: technical.uk@iko.com	STANDARD DETAIL	DRAWING TITLE: PARAPET - Proprietary Capping with External Cladding		DWG No: A11		This detail is provided for illustration purposes. Where shown insulation thickness may differ in accordance with specifiers U value requirement. To be read in conjunction with the IKO project specification. Refer to specification and product literature for product descriptions and application information. Copyright Reserved - Please note that this drawing & the copyright therein is the property of IKO & is issued on the understanding that the drawing or any detail thereof will not be divulged to a third party unless written permission is first obtained from IKO technical services department. The drawing is valid only when approved by the Architect/ Contractor concerned.
		DATE: March 2024	NOTES/REVISIONS: N/A	SCALE: NTS	DRAWN BY: IKO	



PARAPET - Low Proprietary Capping with External Cladding

Apply sufficient coats of the specified **IKO Primer** to all surfaces to which the air & vapour control layer is to be bonded.

Apply the specified **IKO Air & Vapour Control Layer** to the primed substrate & dressed to link with **IKO Shield PLUS ALU/SA 25m** by 50mm minimum.

Apply the non-combustible Insulation Upstand Board to the Vapour Control Layer, to be bonded as per IKO Specification Proposal.

Provide **IKO ENERTHERM MW ANGLE FILLETS** to the junction of all horizontal & vertical abutments.

Apply specified **IKO enertherm Insulation** to the Air & Vapour Control Layer, to be bonded as per IKO Specification Proposal.

Apply the specified **IKO Primer** and **IKO Shield PLUS ALU/SA 25m** to the surface of the insulation to link with the Air & Vapour Control Layer as indicated. All overlaps and details in the preparation membrane must be fully bonded.

Prime all timber surfaces to be coated with liquid with the specified **IKO Primer** and tape joints in timber panels with **IKOpro BRIDGING TAPE**.

Apply **IKO Liquid Waterproofing** as indicated, installed in strict accordance with IKO Specification and installation guidance.

If specified apply Sealer/UV Coat to cured waterproofing (not *indicated on detail*) in strict accordance with IKO Specification and installation guidance.

Install/ replace proprietary capping system, in accordance with manufacturers' recommendations.

NOTES:

All details to be installed in accordance with BS6229, and IKO recommendations.

All surfaces must be clean, dry, and suitably prepared to accept the waterproofing system.

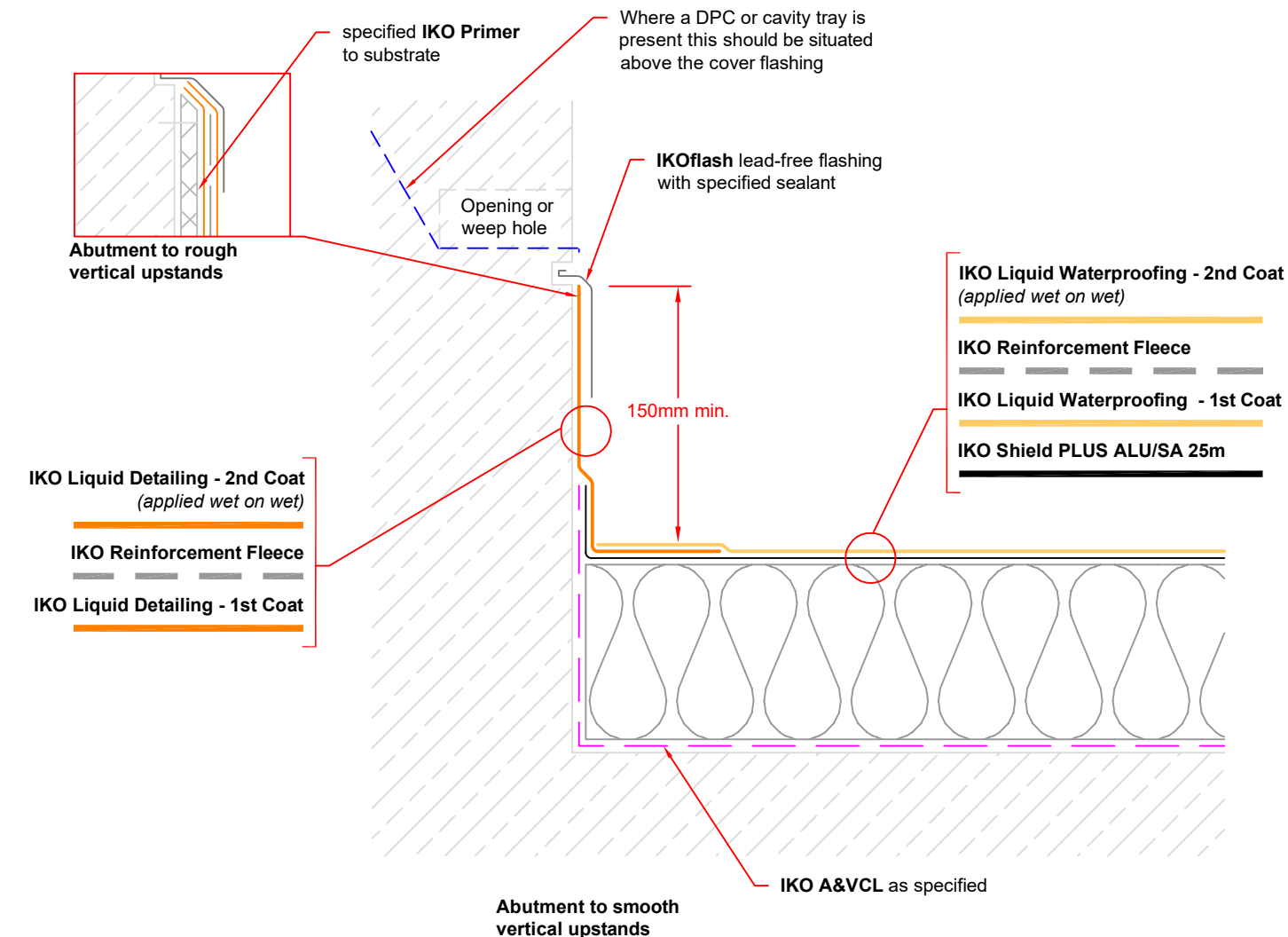
Cement Particle (CP) Boards to be used inline with SPRA, LRWA & NFRC Guidance

During the application of all bitumen membranes a visible bead of bitumen must be exuded from all side and end laps.

For application rates of IKO liquid system products refer to the current published technical literature or project specification.

Note: Detail to illustrate lapping & waterproofing arrangements in relation to IKO specified roofing system. The client / contractor is to confirm with relevant parties any limitations or restrictions of vertical application in relation to Building Regulations Approved Document B prior to works.

 Email: technical.uk@iko.com	STANDARD DETAIL	DRAWING TITLE: PARAPET - Low Proprietary Capping with External Cladding		DWG No: A12		This detail is provided for illustration purposes. Where shown insulation thickness may differ in accordance with specifiers U value requirement. To be read in conjunction with the IKO project specification. Refer to specification and product literature for product descriptions and application information. Copyright Reserved - Please note that this drawing & the copyright therein is the property of IKO & is issued on the understanding that the drawing or any detail thereof will not be divulged to a third party unless written permission is first obtained from IKO technical services department. The drawing is valid only when approved by the Architect/ Contractor concerned.
		DATE: March 2024	NOTES/REVISIONS: N/A	SCALE: NTS	DRAWN BY: IKO	



Note: Detail to illustrate lapping & waterproofing arrangements in relation to IKO specified roofing system. The client / contractor is to confirm with relevant parties any limitations or restrictions of vertical application in relation to Building Regulations Approved Document B prior to works.

UPSTAND - Cover Flashing

Rough upstand surfaces must be boarded out with 18mm OSB/3, plywood or CP board panel mechanically fixed to provide a smooth surface for the liquid waterproofing.

Carefully rake/cut out the joint to a depth of not less than 25mm, at a height of 150mm minimum above the finished roof level. The chase should be below the level of any DPC or cavity tray.

Apply sufficient coats of the specified **IKO Primer** to all surfaces to which the air & vapour control layer is to be bonded.

Apply the specified **IKO Air & Vapour Control Layer** to the primed substrate & dressed to link with **IKO Shield PLUS ALU/SA 25m** by 50mm minimum.

Apply specified **IKO enertherm Insulation** to the Air & Vapour Control Layer, to be bonded as per IKO Specification Proposal.

Apply the specified **IKO Primer** and **IKO Shield PLUS ALU/SA 25m** to the surface of the insulation to link with the Air & Vapour Control Layer as indicated. All overlaps and details in the preparation membrane must be fully bonded.

Prime all timber surfaces to be coated with liquid with the specified **IKO Primer** and tape joints in timber panels with **IKOpro BRIDGING TAPE**.

Prime existing surfaces with the specified **IKO Primer** as necessary.

Apply **IKO Liquid Waterproofing** as indicated, installed in strict accordance with IKO Specification and installation guidance.

If specified apply Sealer/UV Coat to cured waterproofing (not indicated on detail) in strict accordance with IKO Specification and installation guidance.

Provide **IKOFLASH LEAD FREE FLASHING** to the provided chase lengths not exceeding 1.5m ensuring end laps are not less than 100mm & that a minimum cover of 75mm is provided to the upstand.

The chase should then be pointed with a one or two part polysulphide sealant or IKO specified sealant.

NOTES:

Completed waterproofing upstand details should always be installed so as to achieve a height of 150mm minimum above the finished roof level.

All details to be installed in accordance with BS6229, and IKO recommendations.

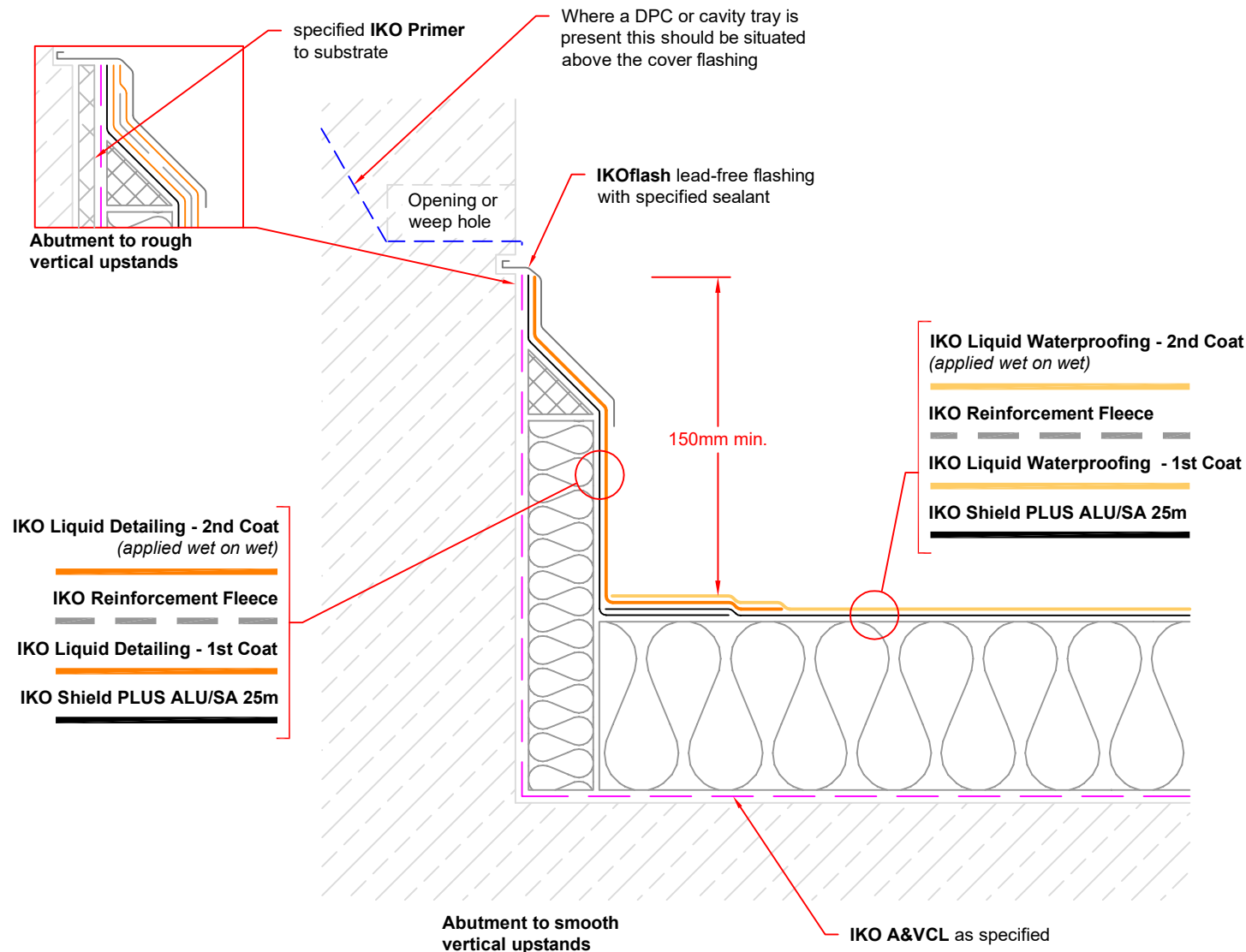
All surfaces must be clean, dry, and suitably prepared to accept the waterproofing system.

Cement Particle (CP) Boards to be used inline with SPRA, LRWA & NFRC Guidance

During the application of all bitumen membranes a visible bead of bitumen must be exuded from all side and end laps.

For application rates of IKO liquid system products refer to the current published technical literature or project specification.

 Email: technical.uk@iko.com	STANDARD DETAIL	DRAWING TITLE: UPSTAND - Cover Flashing		DWG No: B1		This detail is representative of a typical situation and provided for illustration purposes. Where shown insulation thickness may differ in accordance with specifiers U value requirement. To be read in conjunction with the IKO project specification. Refer to specification and product literature for product descriptions and application information. Copyright Reserved - Please note that this drawing & the copyright therein is the property of IKO & is issued on the understanding that the drawing or any detail thereof will not be divulged to a third party unless written permission is first obtained from IKO technical services department. The drawing is valid only when approved by the Architect/ Contractor concerned.
		DATE: March 2024	NOTES/REVISIONS: N/A	SCALE: NTS	DRAWN BY: IKO	



UPSTAND - Cover Flashing - Insulated Upstand

Carefully rake/cut out the joint to a depth of not less than 25mm, at a height of 150mm minimum above the finished roof level. The chase should be below the level of any DPC or cavity tray.

Apply sufficient coats of the specified **IKO Primer** to all surfaces to which the air & vapour control layer is to be bonded.

Apply the specified **IKO Air & Vapour Control Layer** to the primed substrate & dressed to link with **IKO Shield PLUS ALU/SA 25m** by 50mm minimum.

Apply specified **IKO enertherm Insulation** to the Air & Vapour Control Layer, to be bonded as per IKO Specification Proposal.

Apply the specified **IKO Primer** and **IKO Shield PLUS ALU/SA 25m** to the surface of the insulation to link with the Air & Vapour Control Layer as indicated. All overlaps and details in the preparation membrane must be fully bonded.

Apply **IKO Liquid Waterproofing** as indicated, installed in strict accordance with IKO Specification and installation guidance.

If specified apply Sealer/UV Coat to cured waterproofing (not *indicated on detail*) in strict accordance with IKO Specification and installation guidance.

Provide **IKOFLASH LEAD FREE FLASHING** to the provided chase lengths not exceeding 1.5m ensuring end laps are not less than 100mm & that a minimum cover of 75mm is provided to the upstand.

The chase should then be pointed with a one or two part polysulphide sealant or IKO specified sealant.

NOTES:

Completed waterproofing upstand details should always be installed so as to achieve a height of 150mm minimum above the finished roof level.

All details to be installed in accordance with BS6229, and IKO recommendations.

All surfaces must be clean, dry, and suitably prepared to accept the waterproofing system.

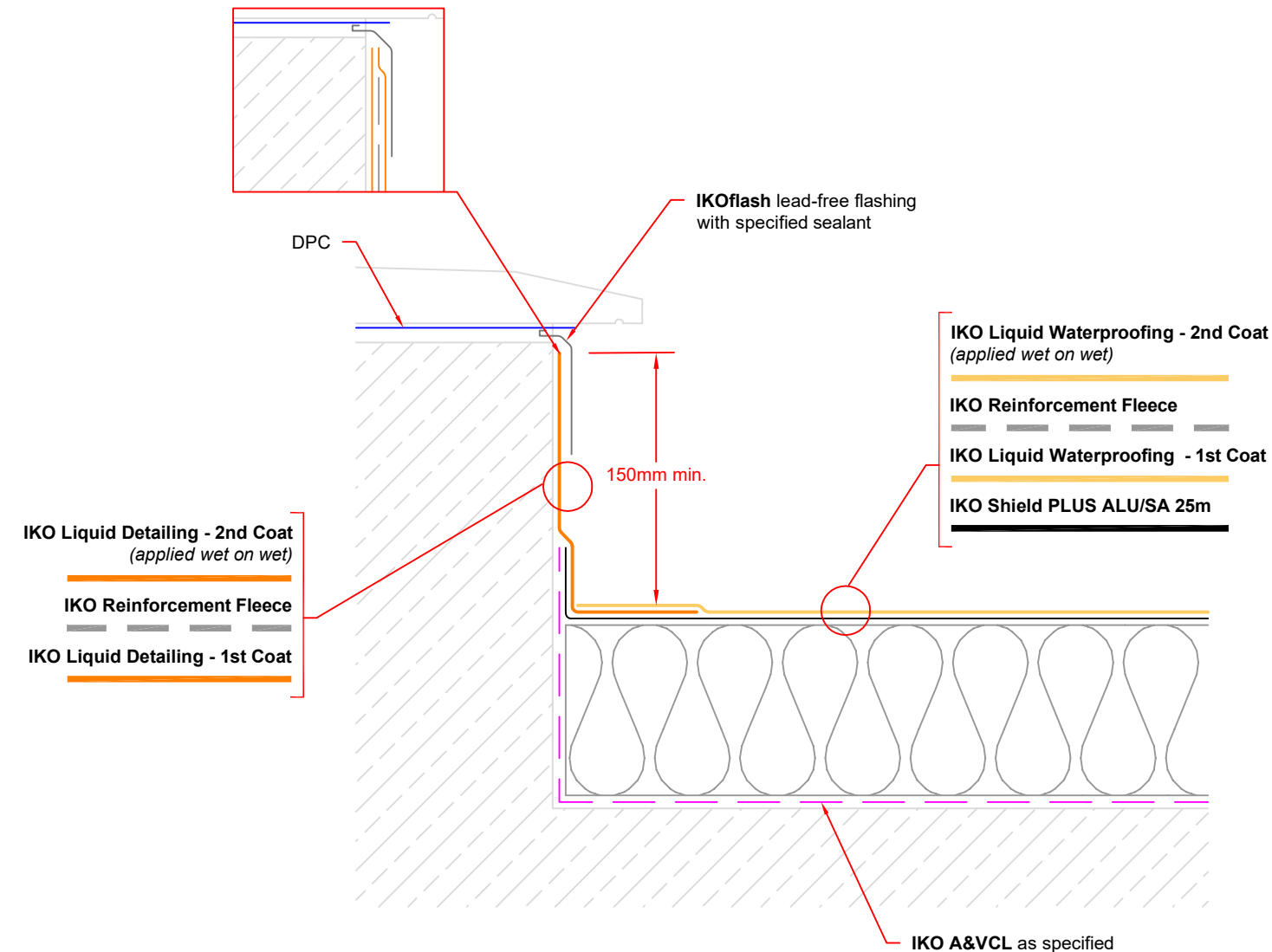
During the application of all bitumen membranes a visible bead of bitumen must be exuded from all side and end laps.

Additional mechanical fixing through the membrane at the top edge to resist slippage will be required on vertical details >250mm.

For application rates of IKO liquid system products refer to the current published technical literature or project specification.

Note: Detail to illustrate lapping & waterproofing arrangements in relation to IKO specified roofing system. The client / contractor is to confirm with relevant parties any limitations or restrictions of vertical application in relation to Building Regulations Approved Document B prior to works.

 Email: technical.uk@iko.com	STANDARD DETAIL	DRAWING TITLE: UPSTAND - Cover Flashing - Insulated Upstand		DWG No: B2		This detail is representative of a typical situation and provided for illustration purposes. Where shown insulation thickness may differ in accordance with specifiers U value requirement. To be read in conjunction with the IKO project specification. Refer to specification and product literature for product descriptions and application information. Copyright Reserved - Please note that this drawing & the copyright therein is the property of IKO & is issued on the understanding that the drawing or any detail thereof will not be divulged to a third party unless written permission is first obtained from IKO technical services department. The drawing is valid only when approved by the Architect/ Contractor concerned.
		DATE: March 2024	NOTES/REVISIONS: N/A	SCALE: NTS	DRAWN BY: IKO	



UPSTAND - Sill

Carefully rake/cut out the joint to a depth of not less than 25mm directly beneath the sill as necessary.

Apply sufficient coats of the specified **IKO Primer** to all surfaces to which the air & vapour control layer is to be bonded.

Apply the specified **IKO Air & Vapour Control Layer** to the primed substrate & dressed to link with **IKO Shield PLUS ALU/SA 25m** by 50mm minimum.

Apply specified **IKO enertherm Insulation** to the Air & Vapour Control Layer, to be bonded as per IKO Specification Proposal.

Apply the specified **IKO Primer** and **IKO Shield PLUS ALU/SA 25m** to the surface of the insulation to link with the Air & Vapour Control Layer as indicated. All overlaps and details in the preparation membrane must be fully bonded.

Prime existing surfaces with the specified **IKO Primer** as necessary.

Apply **IKO Liquid Waterproofing** as indicated, installed in strict accordance with IKO Specification and installation guidance.

If specified apply Sealer/UV Coat to cured waterproofing (not *indicated on detail*) in strict accordance with IKO Specification and installation guidance.

Provide **IKOFLASH LEAD FREE FLASHING** to the provided chase lengths not exceeding 1.5m ensuring end laps are not less than 100mm & that a minimum cover of 75mm is provided to the upstand.

The chase should then be pointed with a one or two part polysulphide sealant or IKO specified sealant.

NOTES:

Completed waterproofing upstand details should always be installed so as to achieve a height of 150mm minimum above the finished roof level. Where window or door sills are situated such that an upstand height of 150mm above the finished waterproofing surface cannot be achieved, the sill should be raised sufficiently to allow for this requirement. This may necessitate the complete replacement of the frame. Rotten or defective sills must be removed & replaced with new material.

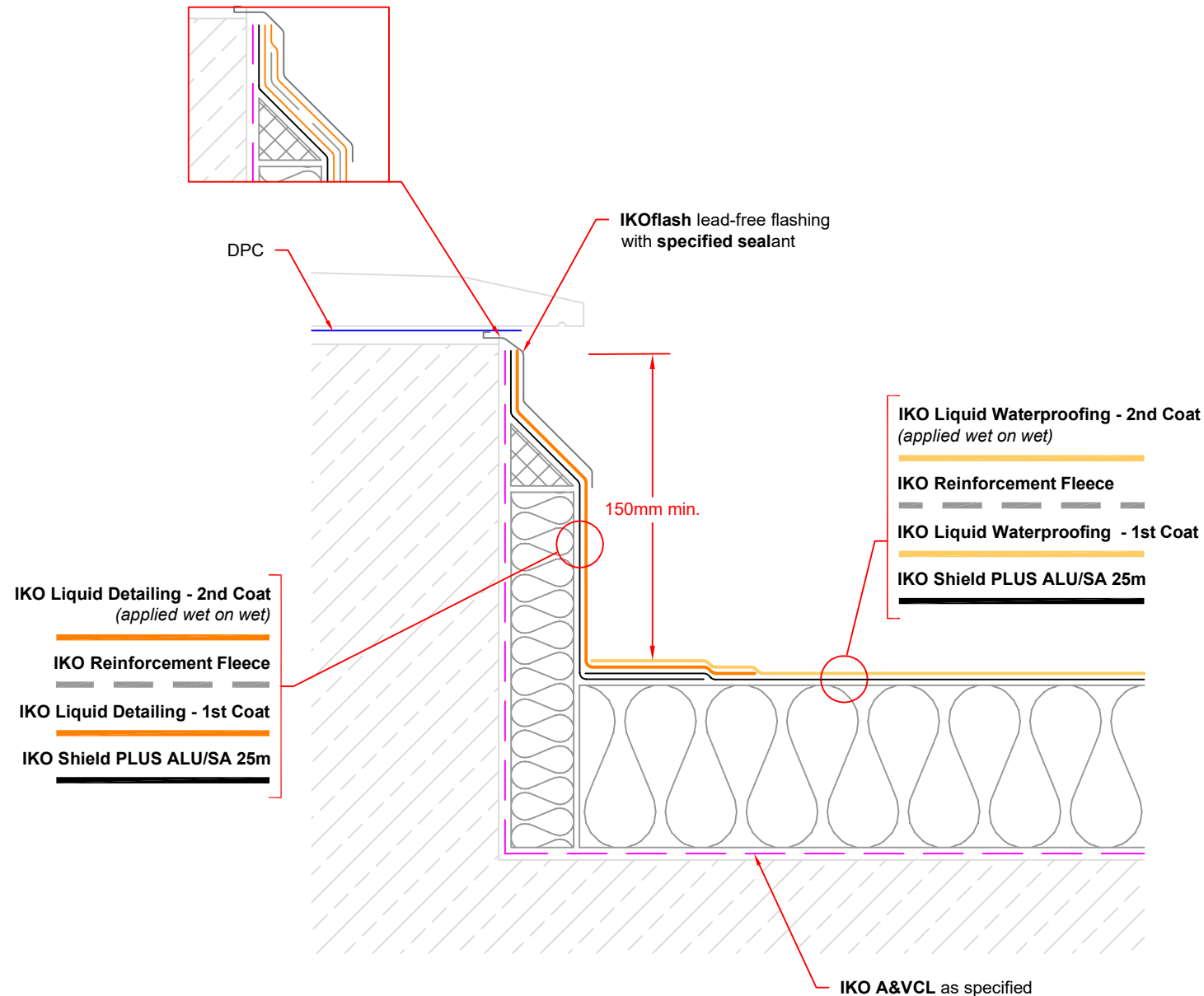
All details to be installed in accordance with BS6229, and IKO recommendations.

All surfaces must be clean, dry, and suitably prepared to accept the waterproofing system.

During the application of all bitumen membranes a visible bead of bitumen must be exuded from all side and end laps.

For application rates of IKO liquid system products refer to the current published technical literature or project specification.

 Email: technical.uk@iko.com	STANDARD DETAIL	DRAWING TITLE: UPSTAND - Sill		Dwg No: B5		This detail is representative of a typical situation and provided for illustration purposes. Where shown insulation thickness may differ in accordance with specifiers U value requirement. To be read in conjunction with the IKO project specification. Refer to specification and product literature for product descriptions and application information. Copyright Reserved - Please note that this drawing & the copyright therein is the property of IKO & is issued on the understanding that the drawing or any detail thereof will not be divulged to a third party unless written permission is first obtained from IKO technical services department. The drawing is valid only when approved by the Architect/ Contractor concerned.
		DATE: March 2024	NOTES/REVISIONS: N/A	SCALE: NTS	DRAWN BY: IKO	



UPSTAND - Sill - Insulated Upstand

Carefully rake/cut out the joint to a depth of not less than 25mm directly beneath the sill as necessary.

Apply sufficient coats of the specified **IKO PRIMER** to all surfaces to which the air & vapour control layer is to be bonded.

Apply the specified **IKO Air & Vapour Control Layer** to the primed substrate & dressed to link with **IKO Shield PLUS ALU/SA 25m** by 50mm minimum.

Apply specified **IKO enertherm Insulation** to the Air & Vapour Control Layer, to be bonded as per IKO Specification Proposal.

Apply the specified **IKO Primer** and **IKO Shield PLUS ALU/SA 25m** to the surface of the insulation to link with the Air & Vapour Control Layer as indicated. All overlaps and details in the preparation membrane must be fully bonded.

Apply **IKO Liquid Waterproofing** as indicated, installed in strict accordance with IKO Specification and installation guidance.

If specified apply Sealer/UV Coat to cured waterproofing (not *indicated on detail*) in strict accordance with IKO Specification and installation guidance.

Provide **IKOFLASH LEAD FREE FLASHING** to the provided chase lengths not exceeding 1.5m ensuring end laps are not less than 100mm & that a minimum cover of 75mm is provided to the upstand.

The chase should then be pointed with a one or two part polysulphide sealant or IKO specified sealant.

NOTES:

Completed waterproofing upstand details should always be installed so as to achieve a height of 150mm minimum above the finished roof level. Where window or door sills are situated such that an upstand height of 150mm above the finished waterproofing surface cannot be achieved, the sill should be raised sufficiently to allow for this requirement. This may necessitate the complete replacement of the frame. Rotten or defective sills must be removed & replaced with new material.

All details to be installed in accordance with BS6229, and IKO recommendations.

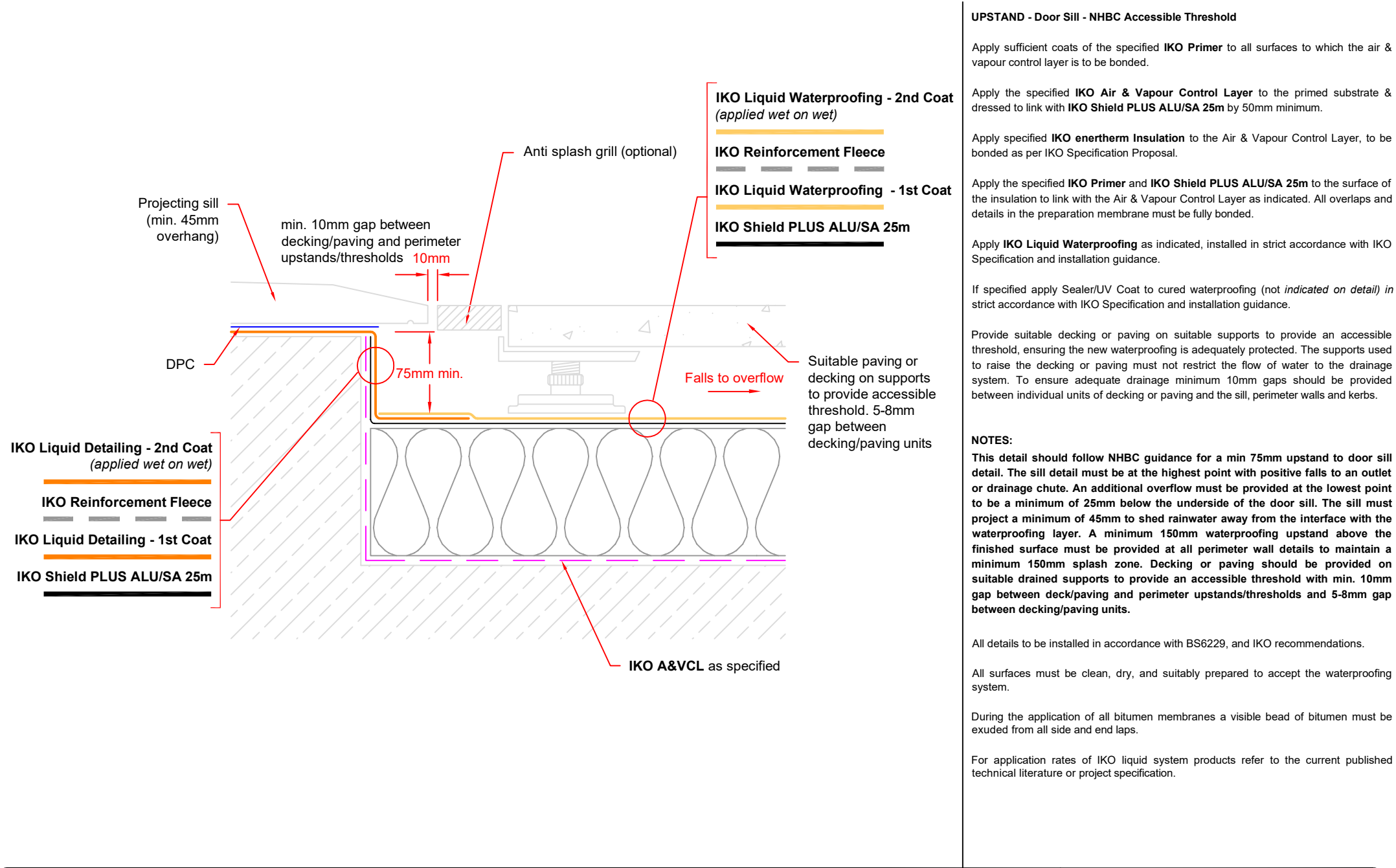
All surfaces must be clean, dry, and suitably prepared to accept the waterproofing system.

During the application of all bitumen membranes a visible bead of bitumen must be exuded from all side and end laps.

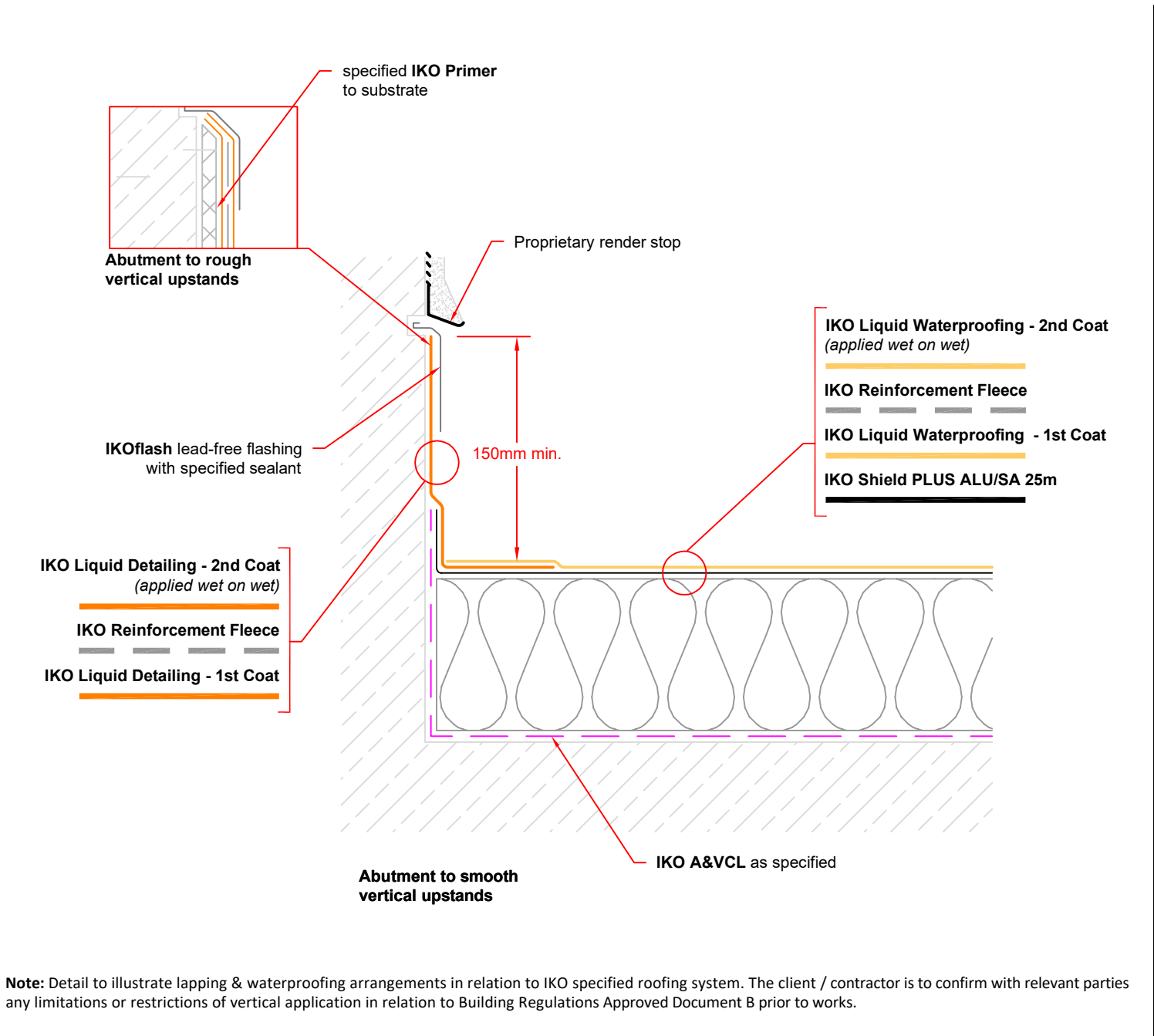
Additional mechanical fixing through the membrane at the top edge to resist slippage will be required on vertical details >250mm.

For application rates of IKO liquid system products refer to the current published technical literature or project specification.

 Email: technical.uk@iko.com	STANDARD DETAIL	DRAWING TITLE: UPSTAND - Sill - Insulated Upstand		DWG No: B6		This detail is representative of a typical situation and provided for illustration purposes. Where shown insulation thickness may differ in accordance with specifiers U value requirement. To be read in conjunction with the IKO project specification. Refer to specification and product literature for product descriptions and application information. Copyright Reserved - Please note that this drawing & the copyright therein is the property of IKO & is issued on the understanding that the drawing or any detail thereof will not be divulged to a third party unless written permission is first obtained from IKO technical services department. The drawing is valid only when approved by the Architect/ Contractor concerned.
		DATE: March 2024	NOTES/REVISIONS: N/A	SCALE: NTS	DRAWN BY: IKO	



 Email: technical.uk@iko.com	STANDARD DETAIL	DRAWING TITLE: UPSTAND - Door Sill - NHBC Accessible Threshold		DWG No: B7		This detail is representative of a typical situation and provided for illustration purposes. Where shown insulation thickness may differ in accordance with specifiers U value requirement. To be read in conjunction with the IKO project specification. Refer to specification and product literature for product descriptions and application information. Copyright Reserved - Please note that this drawing & the copyright therein is the property of IKO & is issued on the understanding that the drawing or any detail thereof will not be divulged to a third party unless written permission is first obtained from IKO technical services department. The drawing is valid only when approved by the Architect/ Contractor concerned.
		DATE: March 2024	NOTES/REVISIONS: N/A	SCALE: NTS	DRAWN BY: IKO	



UPSTAND - Rendered

Rough upstand surfaces must be boarded out with 18mm OSB/3, plywood or CP board panel mechanically fixed to provide a smooth surface for the liquid waterproofing.

Carefully rake/cut out the joint to a depth of not less than 25mm, at a height of 150mm minimum above the finished roof level. The chase should be below the level of any DPC of cavity tray.

Apply sufficient coats of the specified **IKO Primer** to all surfaces to which the air & vapour control layer is to be bonded.

Apply the specified **IKO Air & Vapour Control Layer** to the primed substrate & dressed to link with **IKO Shield PLUS ALU/SA 25m** by 50mm minimum.

Apply specified **IKO enertherm Insulation** to the Air & Vapour Control Layer, to be bonded as per IKO Specification Proposal.

Apply the specified **IKO Primer** and **IKO Shield PLUS ALU/SA 25m** to the surface of the insulation to link with the Air & Vapour Control Layer as indicated. All overlaps and details in the preparation membrane must be fully bonded.

Prime all timber surfaces to be coated with liquid with the specified **IKO Primer** and tape joints in timber panels with **IKOpro BRIDGING TAPE**.

Prime existing surfaces with the specified **IKO Primer** as necessary.

Apply **IKO Liquid Waterproofing** as indicated, installed in strict accordance with IKO Specification and installation guidance.

If specified apply Sealer/UV Coat to cured waterproofing (*not indicated on detail*) in strict accordance with IKO Specification and installation guidance.

Provide **IKOFLASH LEAD FREE FLASHING** to the provided chase lengths not exceeding 1.5m ensuring end laps are not less than 100mm & that a minimum cover of 75mm is provided to the upstand.

The chase should then be pointed with a one or two part polysulphide sealant or IKO specified sealant.

On completion of detailing works apply a proprietary render stop being mechanically fixed to the upstand above the flashing. Apply cement render with polymer additive to the render stop being keyed into the existing render.

NOTES:

Completed waterproofing upstand details should always be installed so as to achieve a height of 150mm minimum above the finished roof level.

All details to be installed in accordance with BS6229, and IKO recommendations.

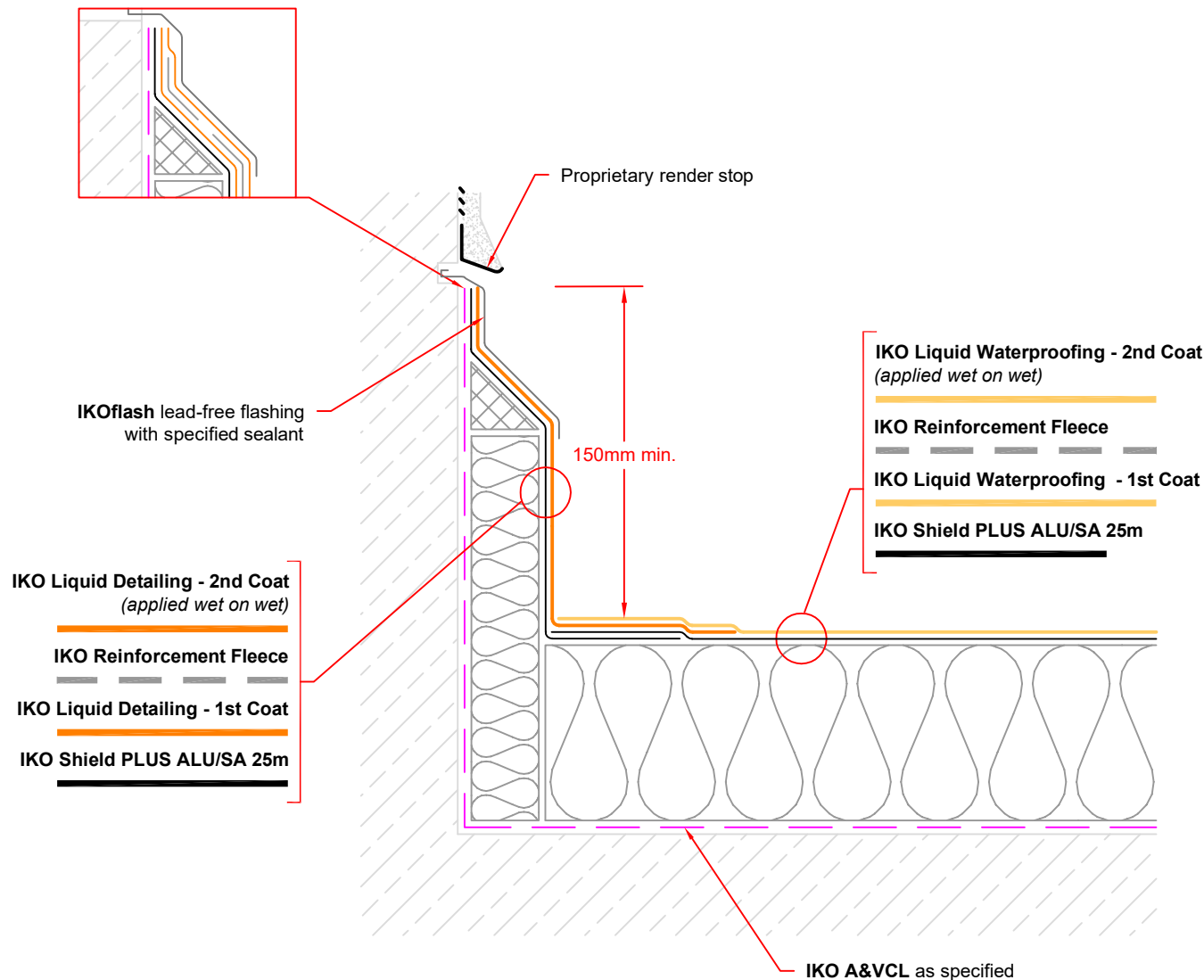
All surfaces must be clean, dry, and suitably prepared to accept the waterproofing system.

Cement Particle (CP) Boards to be used inline with SPRA, LRWA & NFRC Guidance

During the application of all bitumen membranes a visible bead of bitumen must be exuded from all side and end laps.

For application rates of IKO liquid system products refer to the current published technical literature or project specification.

 Email: technical.uk@iko.com	STANDARD DETAIL	DRAWING TITLE: UPSTAND - Rendered		DWG No: B8		This detail is representative of a typical situation and provided for illustration purposes. Where shown insulation thickness may differ in accordance with specifiers U value requirement. To be read in conjunction with the IKO project specification. Refer to specification and product literature for product descriptions and application information. Copyright Reserved - Please note that this drawing & the copyright therein is the property of IKO & is issued on the understanding that the drawing or any detail thereof will not be divulged to a third party unless written permission is first obtained from IKO technical services department. The drawing is valid only when approved by the Architect/ Contractor concerned.
		DATE: March 2024	NOTES/REVISIONS: N/A	SCALE: NTS	DRAWN BY: IKO	



UPSTAND - Rendered - Insulated Upstand

Carefully rake/cut out the joint to a depth of not less than 25mm, at a height of 150mm minimum above the finished roof level. The chase should be below the level of any DPC of cavity tray.

Apply sufficient coats of the specified **IKO Primer** to all surfaces to which the air & vapour control layer is to be bonded.

Apply the specified **IKO Air & Vapour Control Layer** to the primed substrate & dressed to link with **IKO Shield PLUS ALU/SA 25m** by 50mm minimum.

Apply specified **IKO enertherm Insulation** to the Air & Vapour Control Layer, to be bonded as per IKO Specification Proposal.

Apply the specified **IKO Primer** and **IKO Shield PLUS ALU/SA 25m** to the surface of the insulation to link with the Air & Vapour Control Layer as indicated. All overlaps and details in the preparation membrane must be fully bonded.

Apply **IKO Liquid Waterproofing** as indicated, installed in strict accordance with IKO Specification and installation guidance.

If specified apply Sealer/UV Coat to cured waterproofing (not indicated on detail) in strict accordance with IKO Specification and installation guidance.

Provide **IKOFLASH LEAD FREE FLASHING** to the provided chase lengths not exceeding 1.5m ensuring end laps are not less than 100mm & that a minimum cover of 75mm is provided to the upstand.

The chase should then be pointed with a one or two part polysulphide sealant or **IKO** specified sealant.

On completion of detailing works apply a proprietary render stop being mechanically fixed to the upstand above the flashing. Apply cement render with polymer additive to the render stop being keyed into the existing render.

NOTES:

Completed waterproofing upstand details should always be installed so as to achieve a height of 150mm minimum above the finished roof level.

All details to be installed in accordance with BS6229, and IKO recommendations.

All surfaces must be clean, dry, and suitably prepared to accept the waterproofing system.

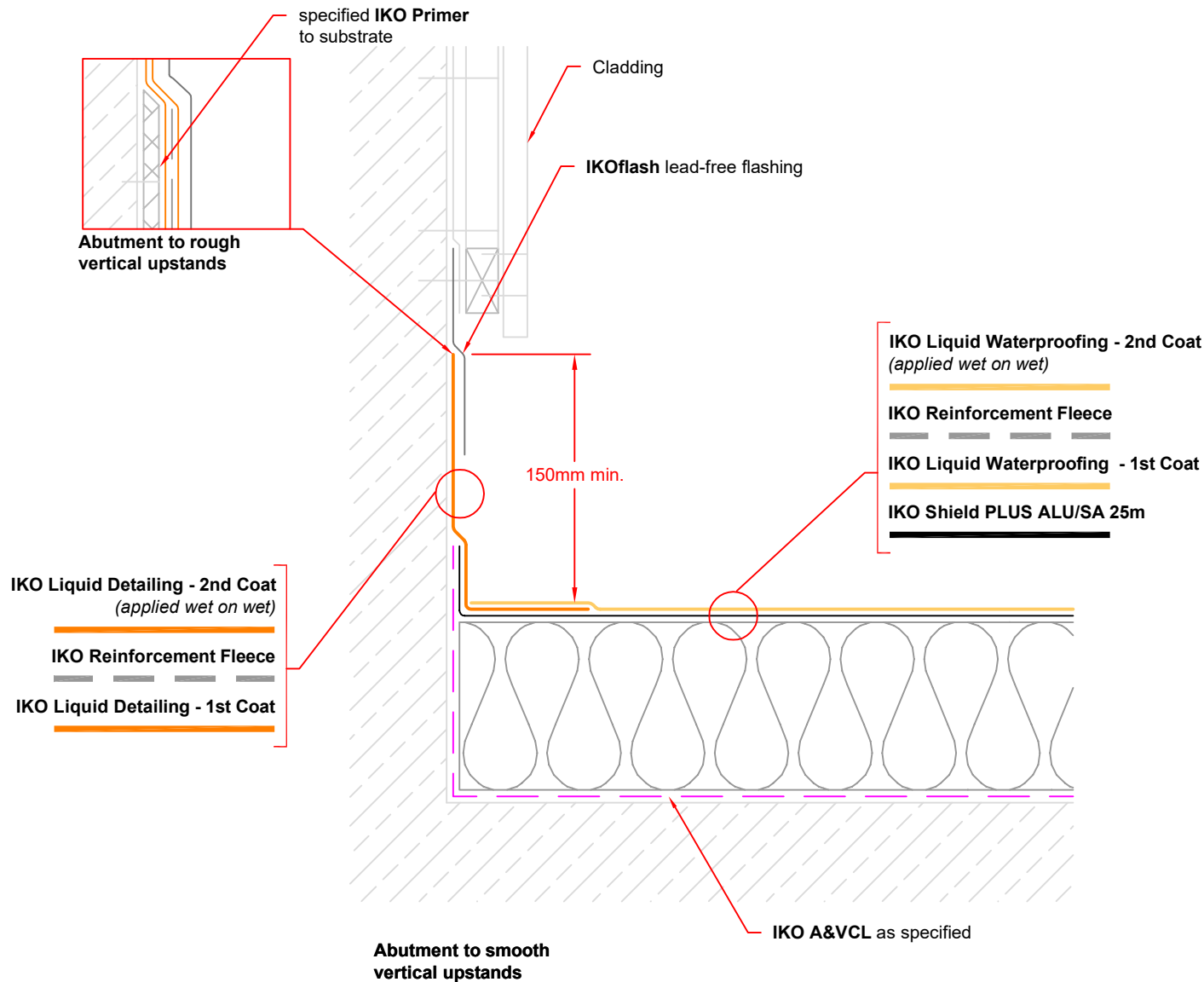
During the application of all bitumen membranes a visible bead of bitumen must be exuded from all side and end laps.

Additional mechanical fixing through the membrane at the top edge to resist slippage will be required on vertical details >250mm.

For application rates of IKO liquid system products refer to the current published technical literature or project specification.

Note: Detail to illustrate lapping & waterproofing arrangements in relation to IKO specified roofing system. The client / contractor is to confirm with relevant parties any limitations or restrictions of vertical application in relation to Building Regulations Approved Document B prior to works.

 Email: technical.uk@iko.com	STANDARD DETAIL	DRAWING TITLE: UPSTAND - Rendered - Insulated Upstand		DWG No: B9		This detail is representative of a typical situation and provided for illustration purposes. Where shown insulation thickness may differ in accordance with specifiers U value requirement. To be read in conjunction with the IKO project specification. Refer to specification and product literature for product descriptions and application information. Copyright Reserved - Please note that this drawing & the copyright therein is the property of IKO & is issued on the understanding that the drawing or any detail thereof will not be divulged to a third party unless written permission is first obtained from IKO technical services department. The drawing is valid only when approved by the Architect/ Contractor concerned.
		DATE: March 2024	NOTES/REVISIONS: N/A	SCALE: NTS	DRAWN BY: IKO	



Note: Detail to illustrate lapping & waterproofing arrangements in relation to IKO specified roofing system. The client / contractor is to confirm with relevant parties any limitations or restrictions of vertical application in relation to Building Regulations Approved Document B prior to works.

UPSTAND - Cladding

Rough upstand surfaces must be boarded out with 18mm OSB/3, plywood or CP board panel mechanically fixed to provide a smooth surface for the liquid waterproofing.

Apply sufficient coats of the specified **IKO Primer** to all surfaces to which the air & vapour control layer is to be bonded.

Apply the specified **IKO Air & Vapour Control Layer** to the primed substrate & dressed to link with **IKO Shield PLUS ALU/SA 25m** by 50mm minimum.

Apply specified **IKO enertherm Insulation** to the Air & Vapour Control Layer, to be bonded as per IKO Specification Proposal.

Apply the specified **IKO Primer** and **IKO Shield PLUS ALU/SA 25m** to the surface of the insulation to link with the Air & Vapour Control Layer as indicated. All overlaps and details in the preparation membrane must be fully bonded.

Prime all timber surfaces to be coated with liquid with the specified **IKO Primer** and tape joints in timber panels with **IKOpro BRIDGING TAPE**.

Prime existing surfaces with the specified **IKO PRIMER** as necessary.

Apply **IKO Liquid Waterproofing** as indicated, installed in strict accordance with IKO Specification and installation guidance.

If specified apply Sealer/UV Coat to cured waterproofing (not indicated on detail) in strict accordance with IKO Specification and installation guidance.

Ensure that any existing vertical breather or waterproof membrane behind the cladding is correctly redressed & undamaged. Any damaged membrane should be replaced with new to match the existing.

Re-fix cladding panels on completion of the detailing works ensuring that the cladding provides a minimum cover of 75mm to the upstand. Wherever this is not the case an additional flashing piece must be provided using **IKOFLASH LEAD FREE FLASHING** secured behind the cladding as indicated.

NOTES:

Completed waterproofing upstand details should always be installed so as to achieve a height of 150mm minimum above the finished roof level.

All details to be installed in accordance with BS6229, and IKO recommendations.

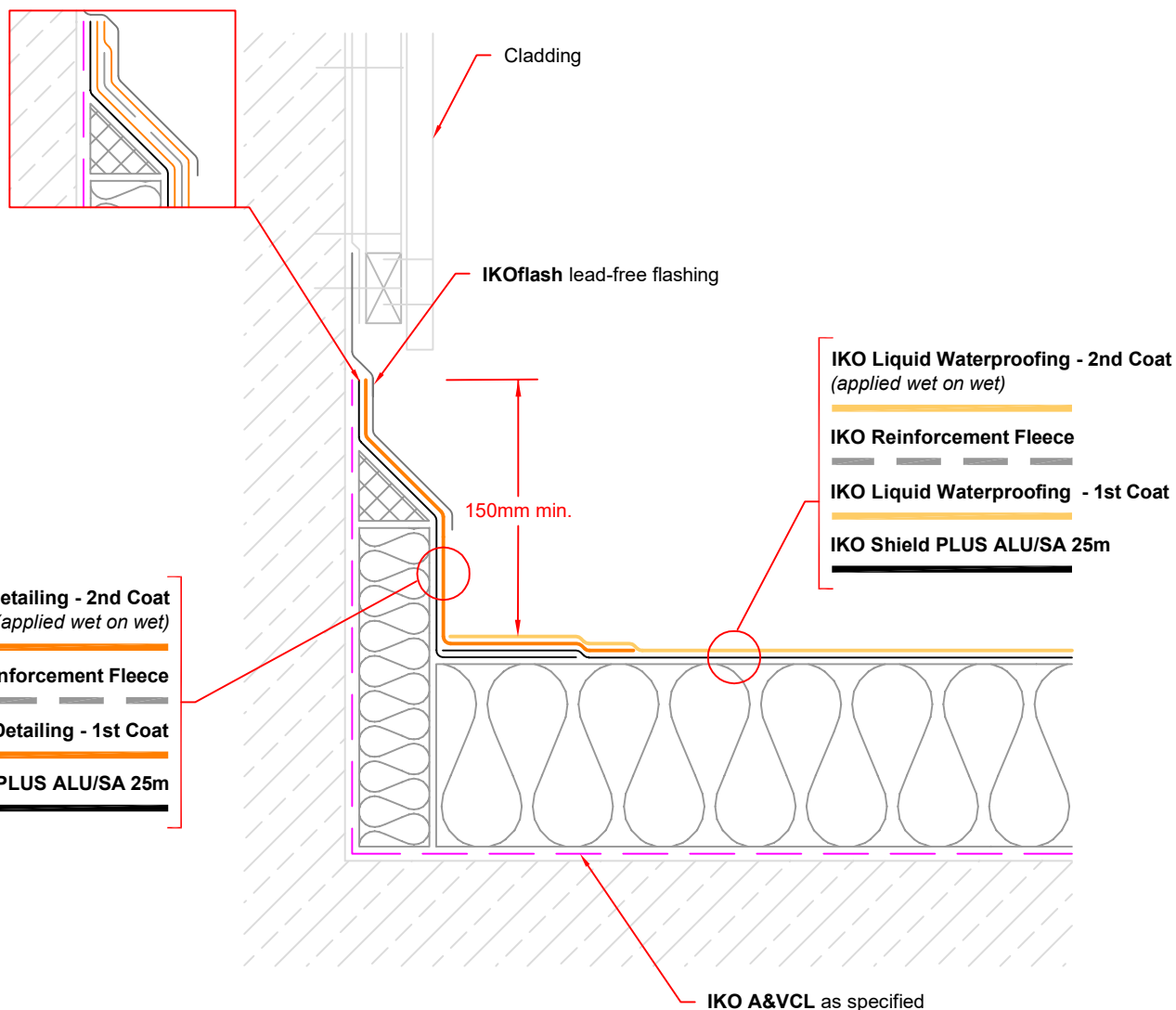
All surfaces must be clean, dry, and suitably prepared to accept the waterproofing system.

Cement Particle (CP) Boards to be used inline with SPRA, LRWA & NFRC Guidance

During the application of all bitumen membranes a visible bead of bitumen must be exuded from all side and end laps.

For application rates of IKO liquid system products refer to the current published technical literature or project specification.

 Email: technical.uk@iko.com	STANDARD DETAIL	DRAWING TITLE: UPSTAND - Cladding		DWG No: B10		This detail is representative of a typical situation and provided for illustration purposes. Where shown insulation thickness may differ in accordance with specifiers U value requirement. To be read in conjunction with the IKO project specification. Refer to specification and product literature for product descriptions and application information. Copyright Reserved - Please note that this drawing & the copyright therein is the property of IKO & is issued on the understanding that the drawing or any detail thereof will not be divulged to a third party unless written permission is first obtained from IKO technical services department. The drawing is valid only when approved by the Architect/ Contractor concerned.
		DATE: March 2024	NOTES/REVISIONS: N/A	SCALE: NTS	DRAWN BY: IKO	



UPSTAND - Cladding - Insulated Upstand

Apply sufficient coats of the specified **IKO Primer** to all surfaces to which the air & vapour control layer is to be bonded.

Apply the specified **IKO Air & Vapour Control Layer** to the primed substrate & dressed to link with **IKO Shield PLUS ALU/SA 25m** by 50mm minimum.

Apply specified **IKO enertherm Insulation** to the Air & Vapour Control Layer, to be bonded as per IKO Specification Proposal.

Apply the specified **IKO Primer** and **IKO Shield PLUS ALU/SA 25m** to the surface of the insulation to link with the Air & Vapour Control Layer as indicated. All overlaps and details in the preparation membrane must be fully bonded.

Apply **IKO Liquid Waterproofing** as indicated, installed in strict accordance with IKO Specification and installation guidance.

If specified apply **Sealer/UV Coat** to cured waterproofing (not indicated on detail) in strict accordance with IKO Specification and installation guidance.

Ensure that any existing vertical breather or waterproof membrane behind the cladding is correctly redressed & undamaged. Any damaged membrane should be replaced with new to match the existing.

Re-fix cladding panels on completion of the detailing works ensuring that the cladding provides a minimum cover of 75mm to the upstand. Wherever this is not the case an additional flashing piece must be provided using **IKOFLASH LEAD FREE FLASHING** secured behind the cladding as indicated.

NOTES:

Completed waterproofing upstand details should always be installed so as to achieve a height of 150mm minimum above the finished roof level.

All details to be installed in accordance with BS6229, and IKO recommendations.

All surfaces must be clean, dry, and suitably prepared to accept the waterproofing system.

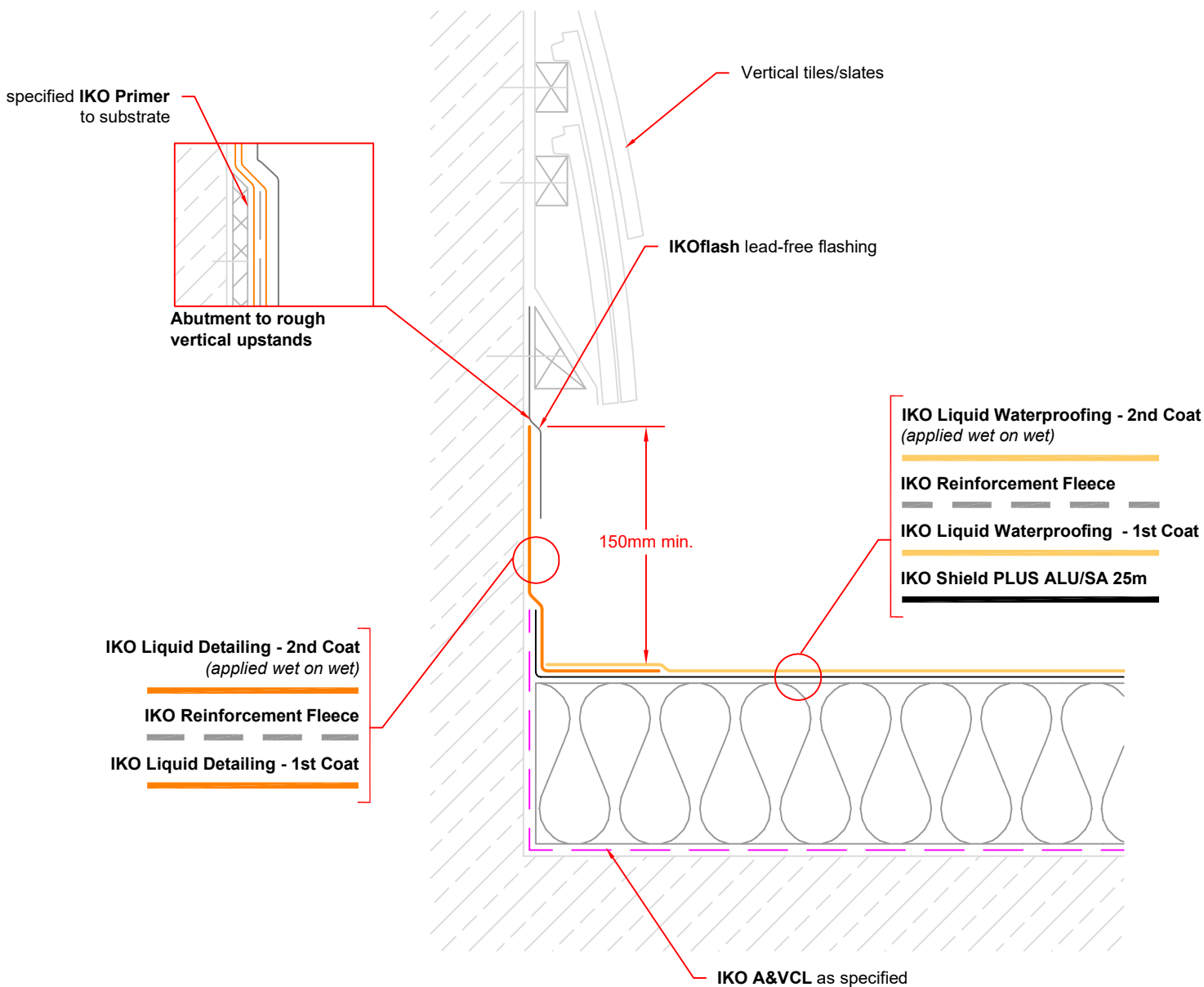
During the application of all bitumen membranes a visible bead of bitumen must be exuded from all side and end laps.

Additional mechanical fixing through the membrane at the top edge to resist slippage will be required on vertical details >250mm.

For application rates of IKO liquid system products refer to the current published technical literature or project specification.

Note: Detail to illustrate lapping & waterproofing arrangements in relation to IKO specified roofing system. The client / contractor is to confirm with relevant parties any limitations or restrictions of vertical application in relation to Building Regulations Approved Document B prior to works.

 Email: technical.uk@iko.com	STANDARD DETAIL	DRAWING TITLE: UPSTAND - Cladding - Insulated Upstand		DWG No: B11		This detail is representative of a typical situation and provided for illustration purposes. Where shown insulation thickness may differ in accordance with specifiers U value requirement. To be read in conjunction with the IKO project specification. Refer to specification and product literature for product descriptions and application information. Copyright Reserved - Please note that this drawing & the copyright therein is the property of IKO & is issued on the understanding that the drawing or any detail thereof will not be divulged to a third party unless written permission is first obtained from IKO technical services department. The drawing is valid only when approved by the Architect/ Contractor concerned.
		DATE: March 2024	NOTES/REVISIONS: N/A	SCALE: NTS	DRAWN BY: IKO	



UPSTAND - Vertical Slates/Tiles

Apply sufficient coats of the specified **IKO Primer** to all surfaces to which the air & vapour control layer is to be bonded.

Apply the specified **IKO Air & Vapour Control Layer** to the primed substrate & dressed to link with **IKO Shield PLUS ALU/SA 25m** by 50mm minimum.

Apply specified **IKO enertherm Insulation** to the Air & Vapour Control Layer, to be bonded as per IKO Specification Proposal.

Prime all timber surfaces to be coated with liquid with the specified **IKO Primer** and tape joints in timber panels with **IKOpro BRIDGING TAPE**.

Prime existing surfaces with the specified **IKO Primer** as necessary.

Apply **IKO Liquid Waterproofing** as indicated, installed in strict accordance with IKO Specification and installation guidance.

If specified apply Sealer/UV Coat to cured waterproofing (not *indicated on detail*) in strict accordance with IKO Specification and installation guidance.

Ensure that any existing vertical breather or waterproof membrane behind the tiles/slates is correctly dressed & undamaged; any damaged membrane should be replaced with new to match the existing.

Re-fix the battens & tiles/slates, providing an additional flashing using **IKOFLASH LEAD FREE FLASHING** secured behind the tiles/slates as indicated to provide a minimum 75mm cover to the new waterproofing.

NOTES:

Completed waterproofing upstand details should always be installed so as to achieve a height of 150mm minimum above the finished roof level.

All details to be installed in accordance with BS6229, and IKO recommendations.

All surfaces must be clean, dry, and suitably prepared to accept the waterproofing system.

During the application of all bitumen membranes a visible bead of bitumen must be exuded from all side and end laps.

For application rates of IKO liquid system products refer to the current published technical literature or project specification.

Note: Detail to illustrate lapping & waterproofing arrangements in relation to IKO specified roofing system. The client / contractor is to confirm with relevant parties any limitations or restrictions of vertical application in relation to Building Regulations Approved Document B prior to works.



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STANDARD DETAIL

DRAWING TITLE:

UPSTAND - Vertical Slates/Tiles

DATE:

March 2024

NOTES/REVISIONS:

N/A

DWG No:

B12

SCALE:

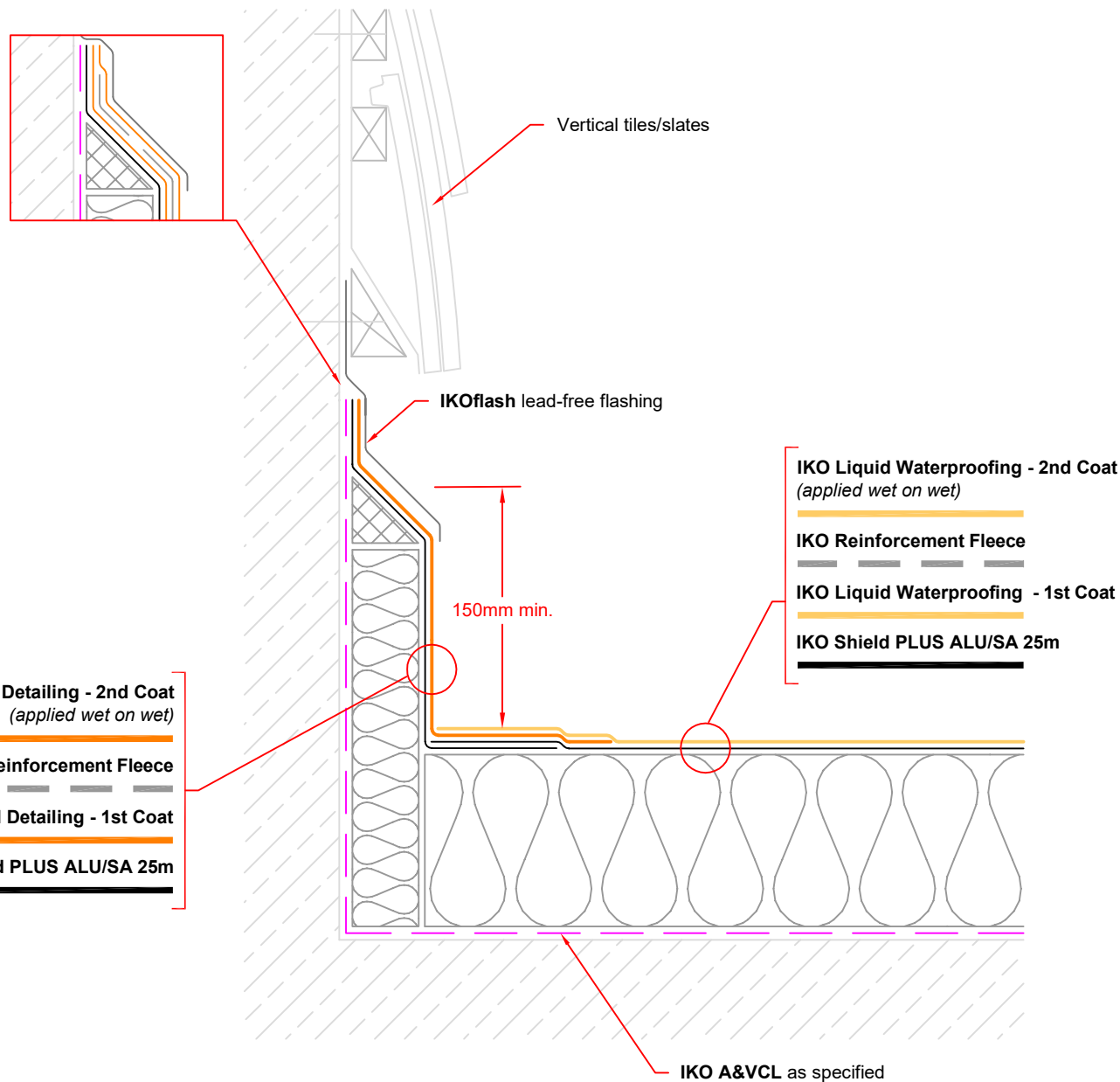
NTS

DRAWN BY:

IKO

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UPSTAND - Vertical Slates/Tiles - Insulated Upstand

Apply sufficient coats of the specified **IKO Primer** to all surfaces to which the air & vapour control layer is to be bonded.

Apply the specified **IKO Air & Vapour Control Layer** to the primed substrate & dressed to link with **IKO Shield PLUS ALU/SA 25m** by 50mm minimum.

Apply the specified **IKO Primer** and **IKO Shield PLUS ALU/SA 25m** to the surface of the insulation to link with the Air & Vapour Control Layer as indicated. All overlaps and details in the preparation membrane must be fully bonded.

Apply **IKO Liquid Waterproofing** as indicated, installed in strict accordance with IKO Specification and installation guidance.

If specified apply Sealer/UV Coat to cured waterproofing (not *indicated on detail*) in strict accordance with IKO Specification and installation guidance.

Ensure that any existing vertical breather or waterproof membrane behind the tiles/slates is correctly dressed & undamaged; any damaged membrane should be replaced with new to match the existing.

Re-fix the battens & tiles/slates, providing an additional flashing using **IKOFLASH LEAD FREE FLASHING** secured behind the tiles/slates as indicated to provide a minimum 75mm cover to the new waterproofing.

NOTES:

Completed waterproofing upstand details should always be installed so as to achieve a height of 150mm minimum above the finished roof level.

All details to be installed in accordance with BS6229, and IKO recommendations.

All surfaces must be clean, dry, and suitably prepared to accept the waterproofing system.

During the application of all bitumen membranes a visible bead of bitumen must be exuded from all side and end laps.

Additional mechanical fixing through the membrane at the top edge to resist slippage will be required on vertical details >250mm.

For application rates of IKO liquid system products refer to the current published technical literature or project specification.

Note: Detail to illustrate lapping & waterproofing arrangements in relation to IKO specified roofing system. The client / contractor is to confirm with relevant parties any limitations or restrictions of vertical application in relation to Building Regulations Approved Document B prior to works.



Email: technical.uk@iko.com

STANDARD DETAIL

DRAWING TITLE:

UPSTAND - Vertical Slates/Tiles - Insulated Upstand

DATE:

March 2024

NOTES/REVISIONS:

N/A

DWG No:

B13

SCALE:

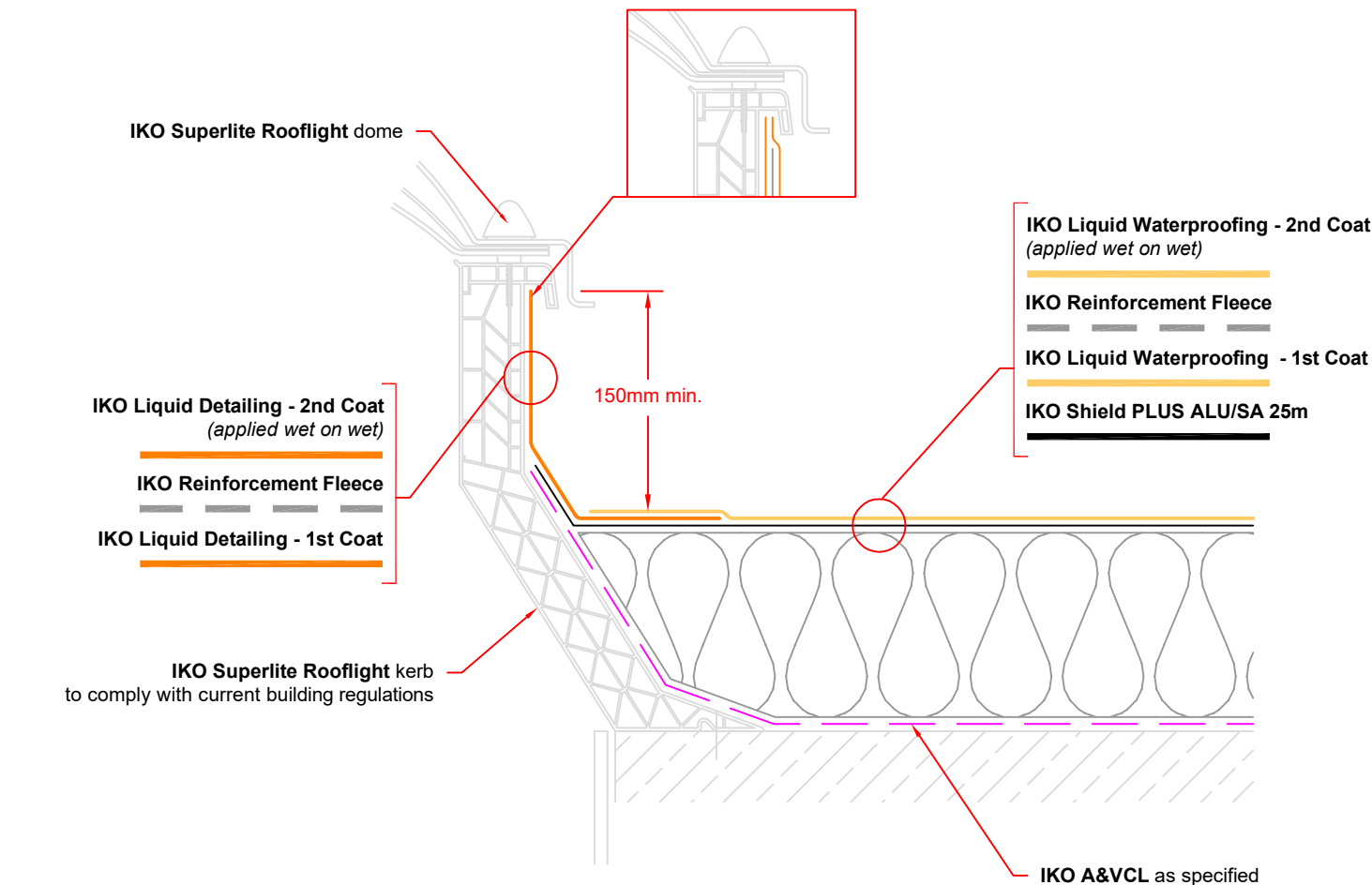
NTS

DRAWN BY:

IKO

This detail is representative of a typical situation and provided for illustration purposes. Where shown insulation thickness may differ in accordance with specifiers U value requirement. To be read in conjunction with the IKO project specification. Refer to specification and product literature for product descriptions and application information.

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ROOFLIGHT - New Proprietary Kerb - IKO Superlite

Existing rooflights should be assumed to be fragile & all appropriate measures taken to prevent people falling through them. The Contractor for the works is required to provide a Risk Assessment & Method Statement for the safe working of personnel around rooflights.

Remove the existing rooflight cover unit & kerb & dispose off site. Any exposed openings **must** be protected against objects/personnel falling through.

Apply the specified new **IKO SUPERLITE ROOFLIGHT** kerb being mechanically fixed to the deck/timber kerb in strict accordance with the manufacturers recommendations.

Apply sufficient coats of the specified **IKO Primer** to all surfaces to which the air & vapour control layer is to be bonded.

Apply the specified **IKO Air & Vapour Control Layer** to the primed substrate & dressed to link with **IKO Shield PLUS ALU/SA 25m** by 50mm minimum.

Apply the specified **IKO Primer** and **IKO Shield PLUS ALU/SA 25m** to the surface of the insulation to link with the Air & Vapour Control Layer as indicated. All overlaps and details in the preparation membrane must be fully bonded.

Apply **IKO Liquid Waterproofing** as indicated, installed in strict accordance with IKO Specification and installation guidance.

If specified apply Sealer/UV Coat to cured waterproofing (not indicated on detail) in strict accordance with IKO Specification and installation guidance.

The **IKO SUPERLITE ROOFLIGHT** assembly includes a unique termination detail to ensure the waterproofing is fully fixed & protected.

Fix **IKO SUPERLITE ROOFLIGHT** dome in accordance with manufacturers guidance.

Allowance should be made for making good any interior decoration, where the unit has been raised to accommodate the detail.

NOTES:

All details to be installed in accordance with BS6229, and IKO recommendations.

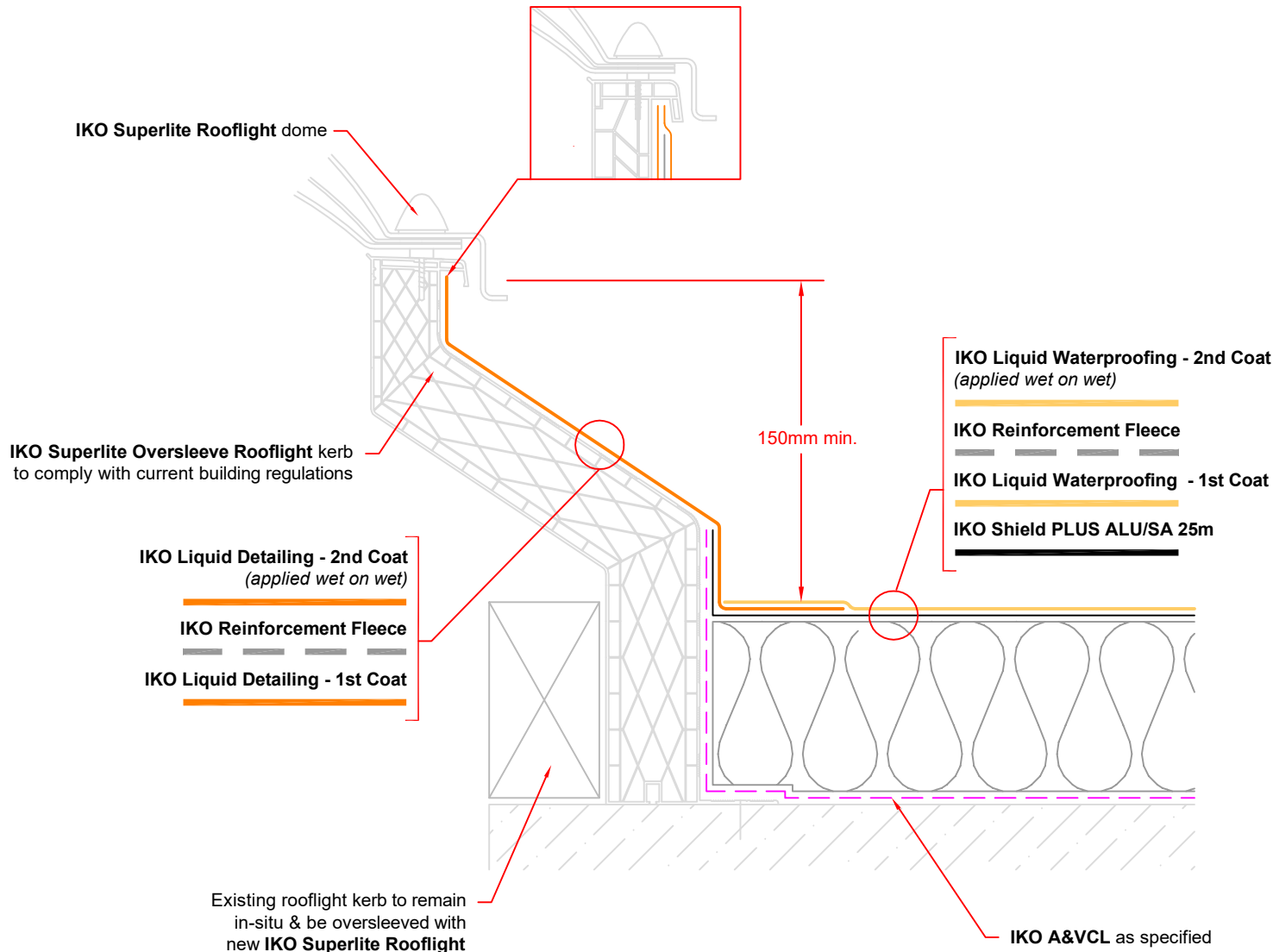
Completed waterproofing upstand details should always be installed so as to achieve a height of 150mm minimum above the finished roof level.

All surfaces must be clean, dry, and suitably prepared to accept the waterproofing system.

During the application of all bitumen membranes a visible bead of bitumen must be exuded from all side and end laps.

For application rates of IKO liquid system products refer to the current published technical literature or project specification.

 Email: technical.uk@iko.com	STANDARD DETAIL	DRAWING TITLE: ROOFLIGHT - New Proprietary Kerb - IKO Superlite		DWG No: B14		This detail is representative of a typical situation and provided for illustration purposes. Where shown insulation thickness may differ in accordance with specifiers U value requirement. To be read in conjunction with the IKO project specification. Refer to specification and product literature for product descriptions and application information. Copyright Reserved - Please note that this drawing & the copyright therein is the property of IKO & is issued on the understanding that the drawing or any detail thereof will not be divulged to a third party unless written permission is first obtained from IKO technical services department. The drawing is valid only when approved by the Architect/ Contractor concerned.
		DATE: March 2024	NOTES/REVISIONS: N/A	SCALE: NTS	DRAWN BY: IKO	



ROOFLIGHT - New Proprietary Kerb - IKO Superlite Oversleeve Kerb

Existing rooflights should be assumed to be fragile & all appropriate measures taken to prevent people falling through them. The Contractor for the works is required to provide a Risk Assessment & Method Statement for the safe working of personnel around rooflights.

Remove the existing rooflight cover unit & dispose off site. The existing rooflight kerb is to remain in situ and be oversleeved with the new unit. Any exposed openings **must** be protected against objects/personnel falling through.

Apply the specified new **IKO SUPERLITE OVERSLEEVE ROOFLIGHT** kerb being mechanically fixed to the deck/timber kerb in strict accordance with the manufacturers recommendations, sized to oversleeve the existing kerb which is to remain in-situ.

Apply sufficient coats of the specified **IKO Primer** to all surfaces to which the air & vapour control layer is to be bonded.

Apply the specified **IKO Air & Vapour Control Layer** to the primed substrate & dressed to link with **IKO Shield PLUS ALU/SA 25m** by 50mm minimum.

Apply the specified **IKO Primer** and **IKO Shield PLUS ALU/SA 25m** to the surface of the insulation to link with the Air & Vapour Control Layer as indicated. All overlaps and details in the preparation membrane must be fully bonded.

Apply **IKO Liquid Waterproofing** as indicated, installed in strict accordance with IKO Specification and installation guidance.

If specified apply Sealer/UV Coat to cured waterproofing (not indicated on detail) in strict accordance with IKO Specification and installation guidance.

The **IKO SUPERLITE ROOFLIGHT** assembly includes a unique termination detail to ensure the waterproofing is fully fixed & protected.

Fix **IKO SUPERLIGHT ROOFLIGHT** dome in accordance with manufacturers guidance.

Allowance should be made for making good any interior decoration, where the unit has been raised to accommodate the detail.

NOTES:

All details to be installed in accordance with BS6229, and IKO recommendations.

Completed waterproofing upstand details should always be installed so as to achieve a height of 150mm minimum above the finished roof level.

All surfaces must be clean, dry, and suitably prepared to accept the waterproofing system.

During the application of all bitumen membranes a visible bead of bitumen must be exuded from all side and end laps.

For application rates of IKO liquid system products refer to the current published technical literature or project specification.

BUILT UP KERB

Remove the existing cover unit or plant item & set aside for re-fixing. (Where an existing item cannot be removed to enable the waterproofing detail to be formed as specified, this may not be covered within the guarantee).

Any exposed openings must be protected against objects/personnel falling through.

Raise the existing built kerb as necessary with timber sections of appropriate dimensions to achieve a minimum 150mm upstand height to the waterproofing detail above the finished roof level.

Apply sufficient coats of the specified **IKO Primer** to all surfaces to which the air & vapour control layer is to be bonded.

Apply the specified **IKO Air & Vapour Control Layer** to the primed substrate & dressed to link with **IKO Shield PLUS ALU/SA 25m** by 50mm minimum.

Apply the specified **IKO Primer** and **IKO Shield PLUS ALU/SA 25m** to the surface of the insulation to link with the Air & Vapour Control Layer as indicated. All overlaps and details in the preparation membrane must be fully bonded.

Apply **IKO Liquid Waterproofing** as indicated, installed in strict accordance with IKO Specification and installation guidance.

If specified apply **Sealer/UV Coat** to cured waterproofing (not indicated on detail) in strict accordance with IKO Specification and installation guidance.

Reinstall the plant item or rooflight onto the newly waterproofed kerb.

Allowance should be made for making good any interior decoration, where the unit has been raised to accommodate the waterproofing.

NOTES:

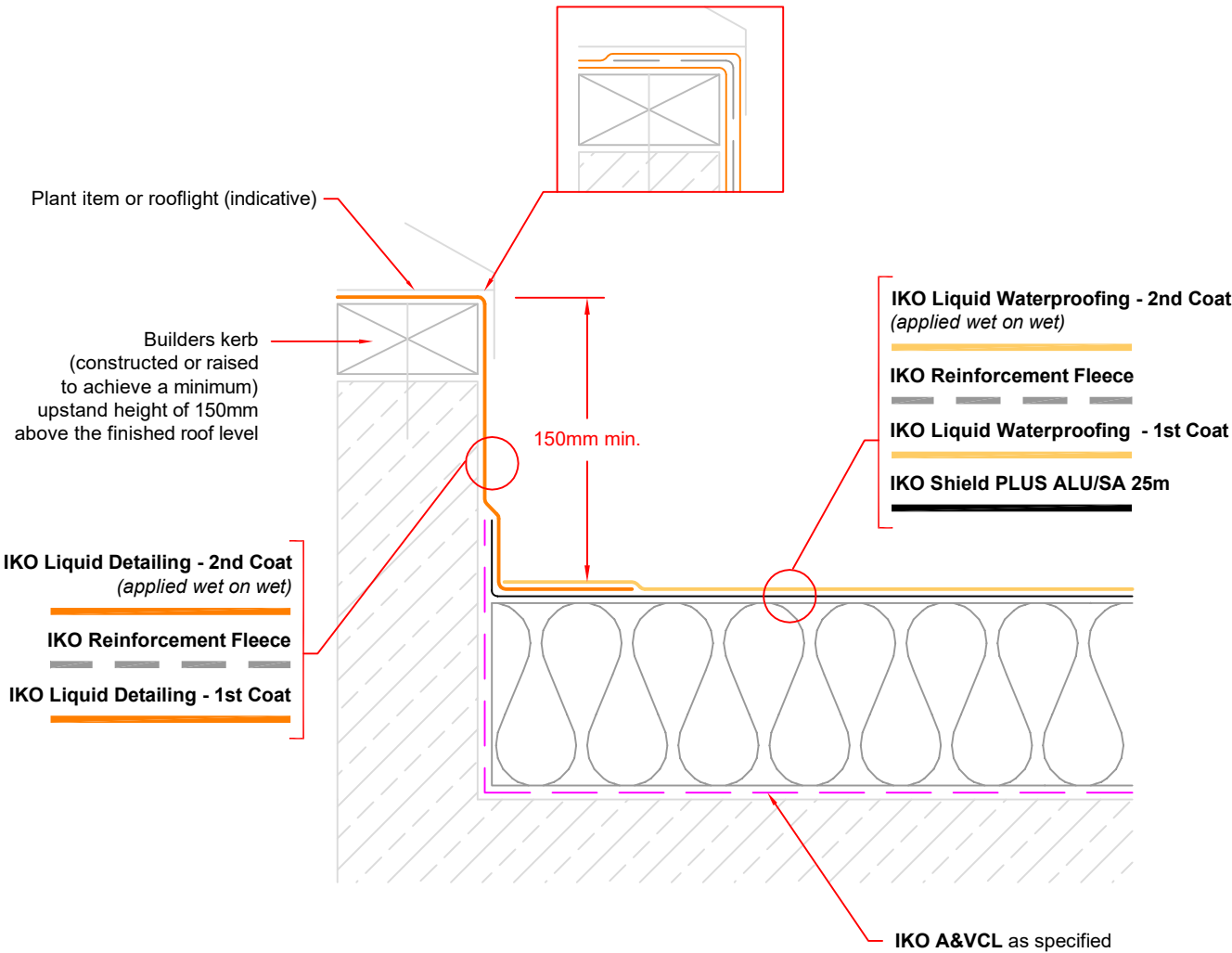
Completed waterproofing upstand details should always be installed so as to achieve a height of 150mm minimum above the finished roof level.

All details to be installed in accordance with BS6229, and IKO recommendations.

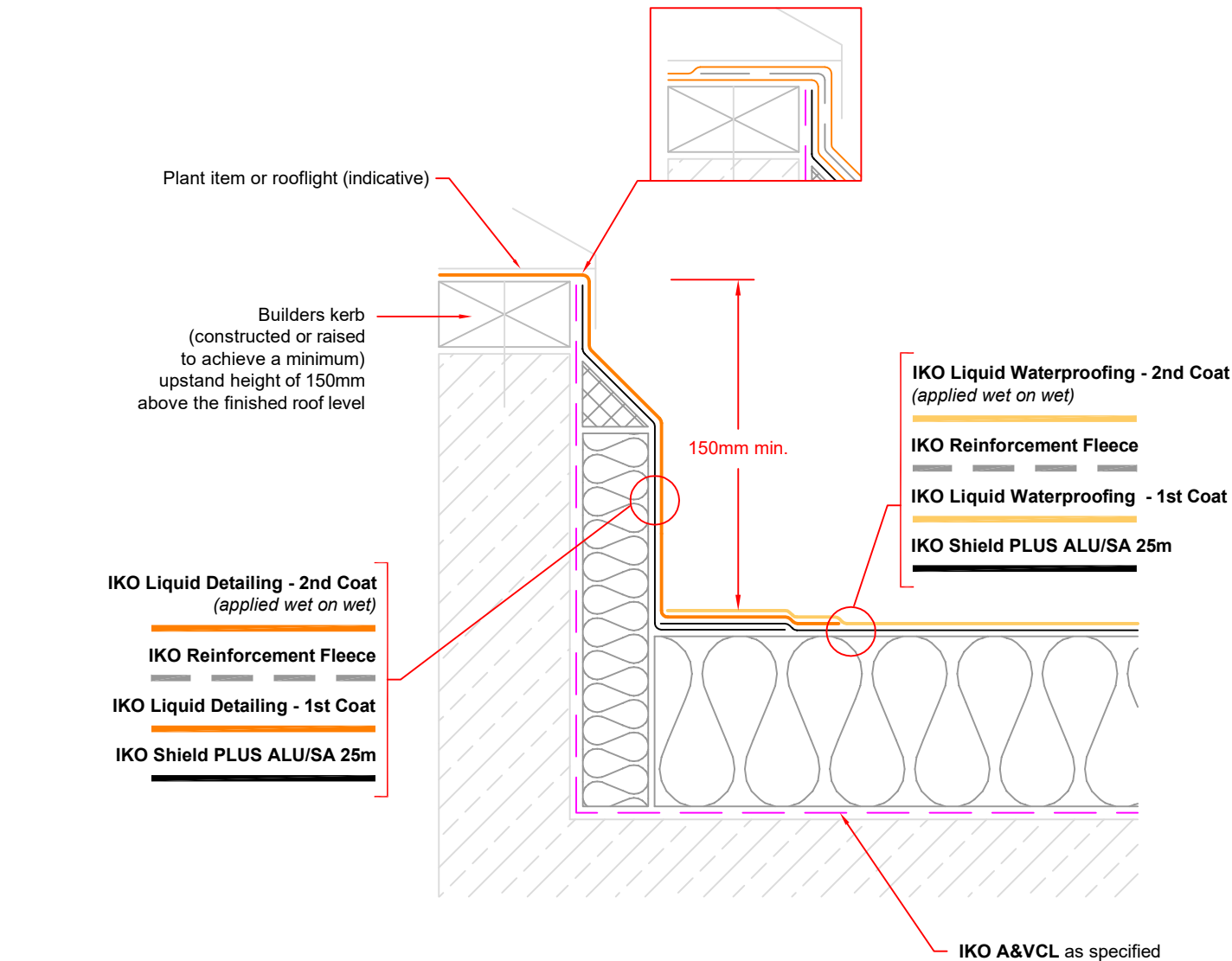
All surfaces must be clean, dry, and suitably prepared to accept the waterproofing system.

During the application of all bitumen membranes a visible bead of bitumen must be exuded from all side and end laps.

For application rates of IKO liquid system products refer to the current published technical literature or project specification.



 Email: technical.uk@iko.com	STANDARD DETAIL	DRAWING TITLE: BUILT UP KERB		DWG No: B16		This detail is representative of a typical situation and provided for illustration purposes. Where shown insulation thickness may differ in accordance with specifiers U value requirement. To be read in conjunction with the IKO project specification. Refer to specification and product literature for product descriptions and application information. Copyright Reserved - Please note that this drawing & the copyright therein is the property of IKO & is issued on the understanding that the drawing or any detail thereof will not be divulged to a third party unless written permission is first obtained from IKO technical services department. The drawing is valid only when approved by the Architect/ Contractor concerned.
		DATE: March 2024	NOTES/REVISIONS: N/A	SCALE: NTS	DRAWN BY: IKO	



BUILT UP KERB - Insulated Upstand

Remove the existing cover unit or plant item & set aside for re-fixing. (Where an existing item cannot be removed to enable the waterproofing detail to be formed as specified, this may not be covered within the guarantee).

Any exposed openings must be protected against objects/personnel falling through.

Raise the existing built kerb as necessary with timber sections of appropriate dimensions to achieve a minimum 150mm upstand height to the waterproofing detail above the finished roof level.

Apply sufficient coats of the specified **IKO Primer** to all surfaces to which the air & vapour control layer is to be bonded.

Apply the specified **IKO Air & Vapour Control Layer** to the primed substrate & dressed to link with **IKO Shield PLUS ALU/SA 25m** by 50mm minimum.

Apply the specified **IKO Primer** and **IKO Shield PLUS ALU/SA 25m** to the surface of the insulation to link with the Air & Vapour Control Layer as indicated. All overlaps and details in the preparation membrane must be fully bonded.

Apply **IKO Liquid Waterproofing** as indicated, installed in strict accordance with IKO Specification and installation guidance.

If specified apply Sealer/UV Coat to cured waterproofing (not *indicated on detail*) in strict accordance with IKO Specification and installation guidance.

Reinstall the plant item or rooflight onto the newly waterproofed kerb.

Allowance should be made for making good any interior decoration, where the unit has been raised to accommodate the waterproofing.

NOTES:

Completed waterproofing upstand details should always be installed so as to achieve a height of 150mm minimum above the finished roof level.

All details to be installed in accordance with BS6229, and IKO recommendations.

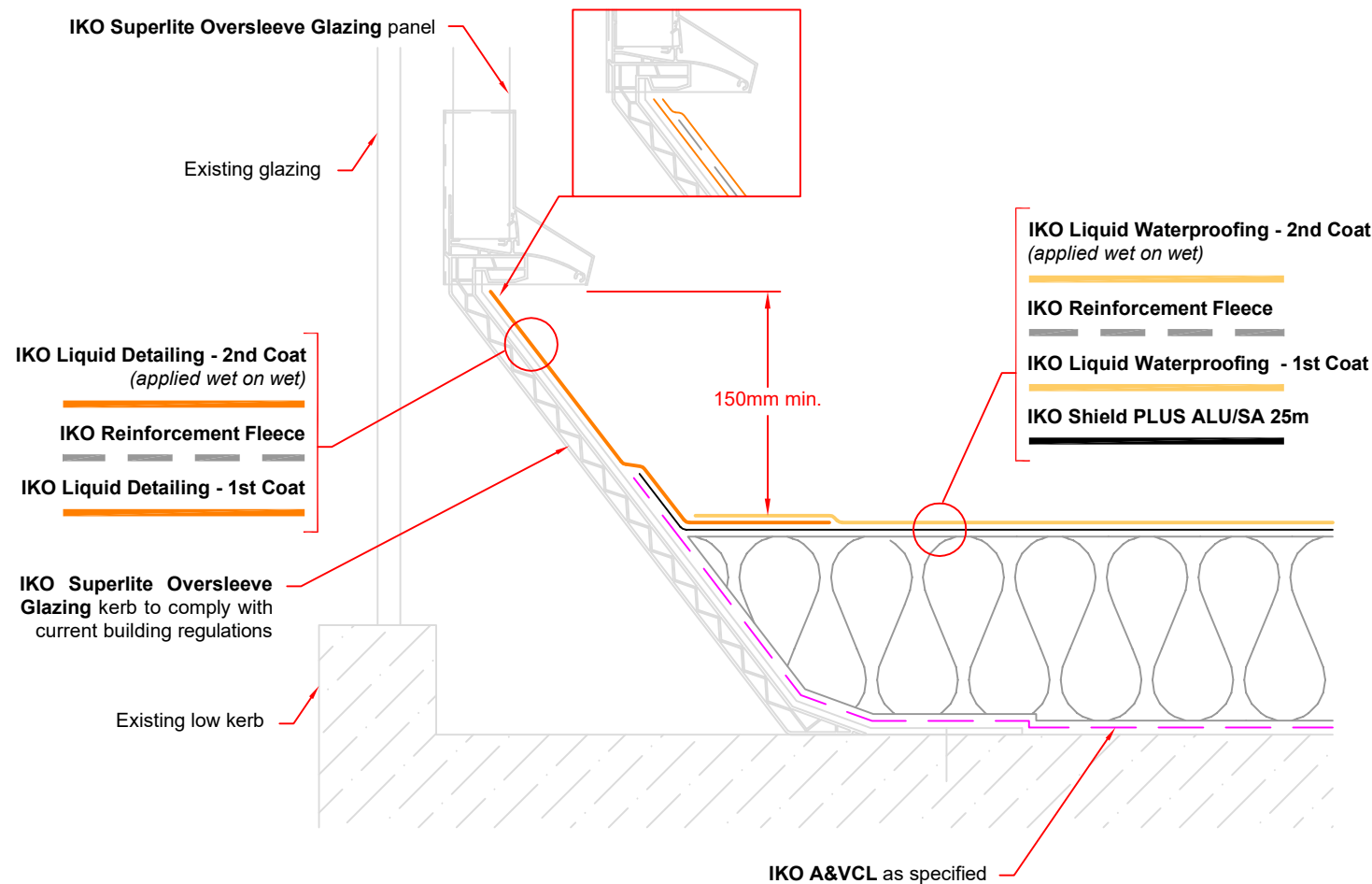
All surfaces must be clean, dry, and suitably prepared to accept the waterproofing system.

During the application of all bitumen membranes a visible bead of bitumen must be exuded from all side and end laps.

Additional mechanical fixing through the membrane at the top edge to resist slippage will be required on vertical details >250mm.

For application rates of IKO liquid system products refer to the current published technical literature or project specification.

 Email: technical.uk@iko.com	STANDARD DETAIL	DRAWING TITLE: BUILT UP KERB - Insulated Upstand		DWG No: B17		This detail is representative of a typical situation and provided for illustration purposes. Where shown insulation thickness may differ in accordance with specifiers U value requirement. To be read in conjunction with the IKO project specification. Refer to specification and product literature for product descriptions and application information. Copyright Reserved - Please note that this drawing & the copyright therein is the property of IKO & is issued on the understanding that the drawing or any detail thereof will not be divulged to a third party unless written permission is first obtained from IKO technical services department. The drawing is valid only when approved by the Architect/ Contractor concerned.
		DATE: March 2024	NOTES/REVISIONS: N/A	SCALE: NTS	DRAWN BY: IKO	



OVERSLEEVE GLAZING KERB - IKO Superlite Oversleeve Glazing

Apply the specified new **IKO SUPERLITE OVERSLEEVE GLAZING** kerb being mechanically fixed to the deck in strict accordance with the manufacturers recommendations.

Apply sufficient coats of the specified **IKO Primer** to all surfaces to which the air & vapour control layer is to be bonded.

Apply the specified **IKO Air & Vapour Control Layer** to the primed substrate & dressed to link with **IKO Shield PLUS ALU/SA 25m** by 50mm minimum.

Apply the specified **IKO Primer** and **IKO Shield PLUS ALU/SA 25m** to the surface of the insulation to link with the Air & Vapour Control Layer as indicated. All overlaps and details in the preparation membrane must be fully bonded.

Apply **IKO Liquid Waterproofing** as indicated, installed in strict accordance with IKO Specification and installation guidance.

If specified apply Sealer/UV Coat to cured waterproofing (not indicated on detail) in strict accordance with IKO Specification and installation guidance.

The **IKO SUPERLITE OVERSLEEVE GLAZING** kerb assembly includes a unique termination detail to ensure the waterproofing is fully fixed & protected.

Fix the **IKO SUPERLITE OVERSLEEVE GLAZING** panel in accordance with manufacturers guidance.

NOTES:

All details to be installed in accordance with BS6229, and IKO recommendations.

Completed waterproofing upstand details should always be installed so as to achieve a height of 150mm minimum above the finished roof level.

All surfaces must be clean, dry, and suitably prepared to accept the waterproofing system.

During the application of all bitumen membranes a visible bead of bitumen must be exuded from all side and end laps.

For application rates of IKO liquid system products refer to the current published technical literature or project specification.

DRAWING TITLE:

OVERSLEEVE GLAZING KERB - IKO Superlite Oversleeve Glazing

DATE:

March 2024

NOTES/REVISIONS:

N/A

DWG No:

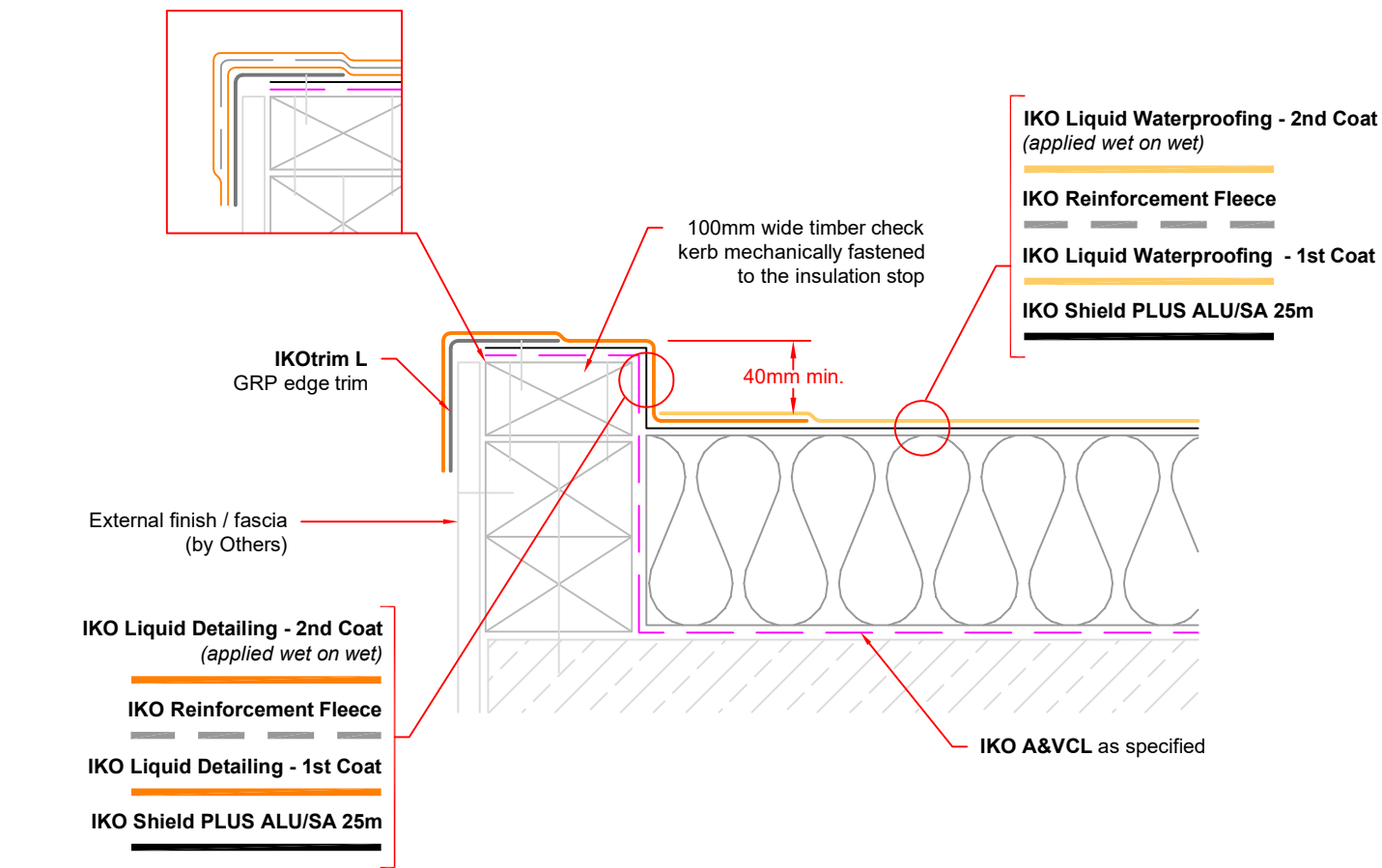
B18

SCALE:

NTS

DRAWN BY:

IKO



CHECK KERB - Timber - GRP Trim

Raise open perimeter check kerb, using treated timber, 100mm wide, to give an upstand height of 40mm above the surface of the completed waterproofing and provide an insulation stop. Perimeter timbers must be fixed at maximum 300mm centres (150mm maximum for areas of high wind uplift) using suitable fixings into a structurally sound substrate. The top of the kerb must have positive falls towards the roof, negative falls are not acceptable.

When raising perimeter check kerbs, consideration must be given to the external appearance of the building & the potential requirement for fascia boards or trims with increased depth & or additional cladding sections to be used. It is suggested that guidance is sought from the client & allowance made for this aspect prior to commencing the contract.

Apply sufficient coats of the specified **IKO Primer** to all surfaces to which the air & vapour control layer is to be bonded.

Apply the specified **IKO Air & Vapour Control Layer** to the primed substrate & dressed to link with **IKO Shield PLUS ALU/SA 25m** by 50mm minimum.

Apply specified **IKO enertherm Insulation** to the Air & Vapour Control Layer, to be bonded as per IKO Specification Proposal.

Apply the specified **IKO Primer** and **IKO Shield PLUS ALU/SA 25m** to the surface of the insulation to link with the Air & Vapour Control Layer as indicated. All overlaps and details in the preparation membrane must be fully bonded.

Apply **IKOTRIM L** edge trim, mechanically fastened to the timber capping at maximum 300mm staggered centres (150mm maximum for areas of high wind uplift). Abrade the edge trim to provide a key and clean with **IKO Acetone Cleaner**. Expansion gaps between the lengths of edge trim must be taped with **IKOpro BRIDGING TAPE**.

Apply **IKO Liquid Waterproofing** as indicated, installed in strict accordance with IKO Specification and installation guidance.

Continue the **IKO Liquid Detailing** down the face of the **IKOTRIM L** as shown

If specified apply Sealer/UV Coat to cured waterproofing (not indicated on detail) in strict accordance with IKO Specification and installation guidance.

NOTES:

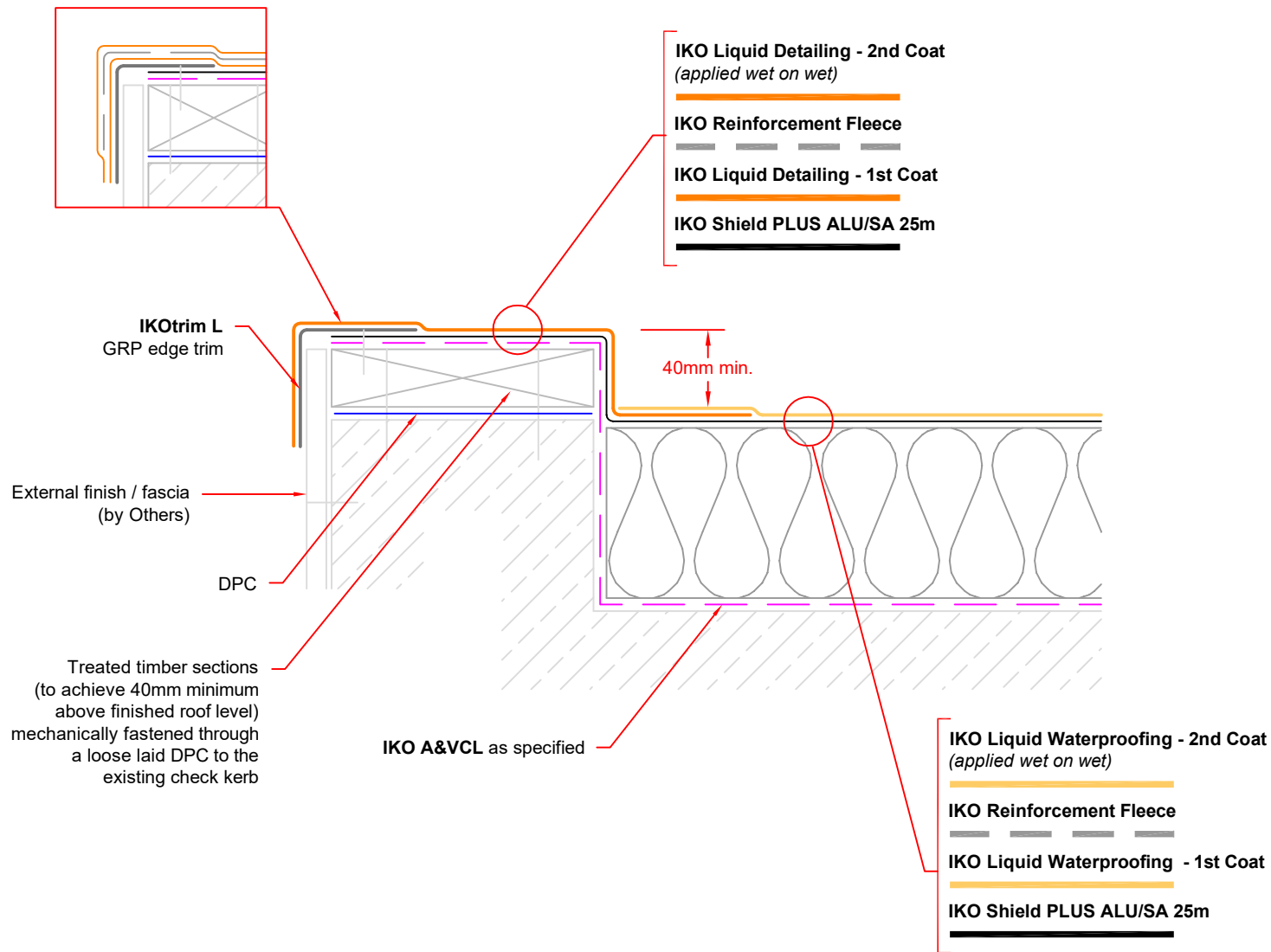
All details to be installed in accordance with BS6229, and IKO recommendations.

All surfaces must be clean, dry, and suitably prepared to accept the waterproofing system.

During the application of all bitumen membranes a visible bead of bitumen must be exuded from all side and end laps.

For application rates of IKO liquid system products refer to the current published technical literature or project specification.

 Email: technical.uk@iko.com	STANDARD DETAIL	DRAWING TITLE: CHECK KERB - Timber - GRP Trim		DWG No: C3		This detail is representative of a typical situation and provided for illustration purposes. Where shown insulation thickness may differ in accordance with specifiers U value requirement. To be read in conjunction with the IKO project specification. Refer to specification and product literature for product descriptions and application information. Copyright Reserved - Please note that this drawing & the copyright therein is the property of IKO & is issued on the understanding that the drawing or any detail thereof will not be divulged to a third party unless written permission is first obtained from IKO technical services department. The drawing is valid only when approved by the Architect/ Contractor concerned.
		DATE: March 2024	NOTES/REVISIONS: N/A	SCALE: NTS	DRAWN BY: IKO	



CHECK KERB - Concrete - GRP Trim

Raise open perimeter check kerb, using treated timber, to give an upstand height of 40mm above the surface of the completed waterproofing and provide an insulation stop. Perimeter timbers must be fixed at maximum 300mm centres (150mm maximum for areas of high wind uplift) using suitable fixings into a structurally sound substrate. The top of the kerb must have positive falls towards the roof, negative falls are not acceptable.

When raising perimeter check kerbs, consideration must be given to the external appearance of the building & the potential requirement for fascia boards or trims with increased depth & or additional cladding sections to be used. It is suggested that guidance is sought from the client & allowance made for this aspect prior to commencing the contract.

Apply sufficient coats of the specified **IKO Primer** to all surfaces to which the air & vapour control layer is to be bonded.

Apply the specified **IKO Air & Vapour Control Layer** to the primed substrate & dressed to link with **IKO Shield PLUS ALU/SA 25m** by 50mm minimum.

Apply specified **IKO enertherm Insulation** to the Air & Vapour Control Layer, to be bonded as per IKO Specification Proposal.

Apply the specified **IKO Primer** and **IKO Shield PLUS ALU/SA 25m** to the surface of the insulation to link with the Air & Vapour Control Layer as indicated. All overlaps and details in the preparation membrane must be fully bonded.

Apply **IKOTRIM L** edge trim, mechanically fastened to the timber capping at maximum 300mm staggered centres (150mm maximum for areas of high wind uplift). Abrade the edge trim to provide a key and clean with **IKO Acetone Cleaner**. Expansion gaps between the lengths of edge trim must be taped with **IKOpro BRIDGING TAPE**.

Apply **IKO Liquid Waterproofing** as indicated, installed in strict accordance with IKO Specification and installation guidance.

Continue the **IKO Liquid Detailing** down the face of the **IKOTRIM L** as shown

If specified apply Sealer/UV Coat to cured waterproofing (not *indicated on detail*) in strict accordance with IKO Specification and installation guidance.

NOTES:

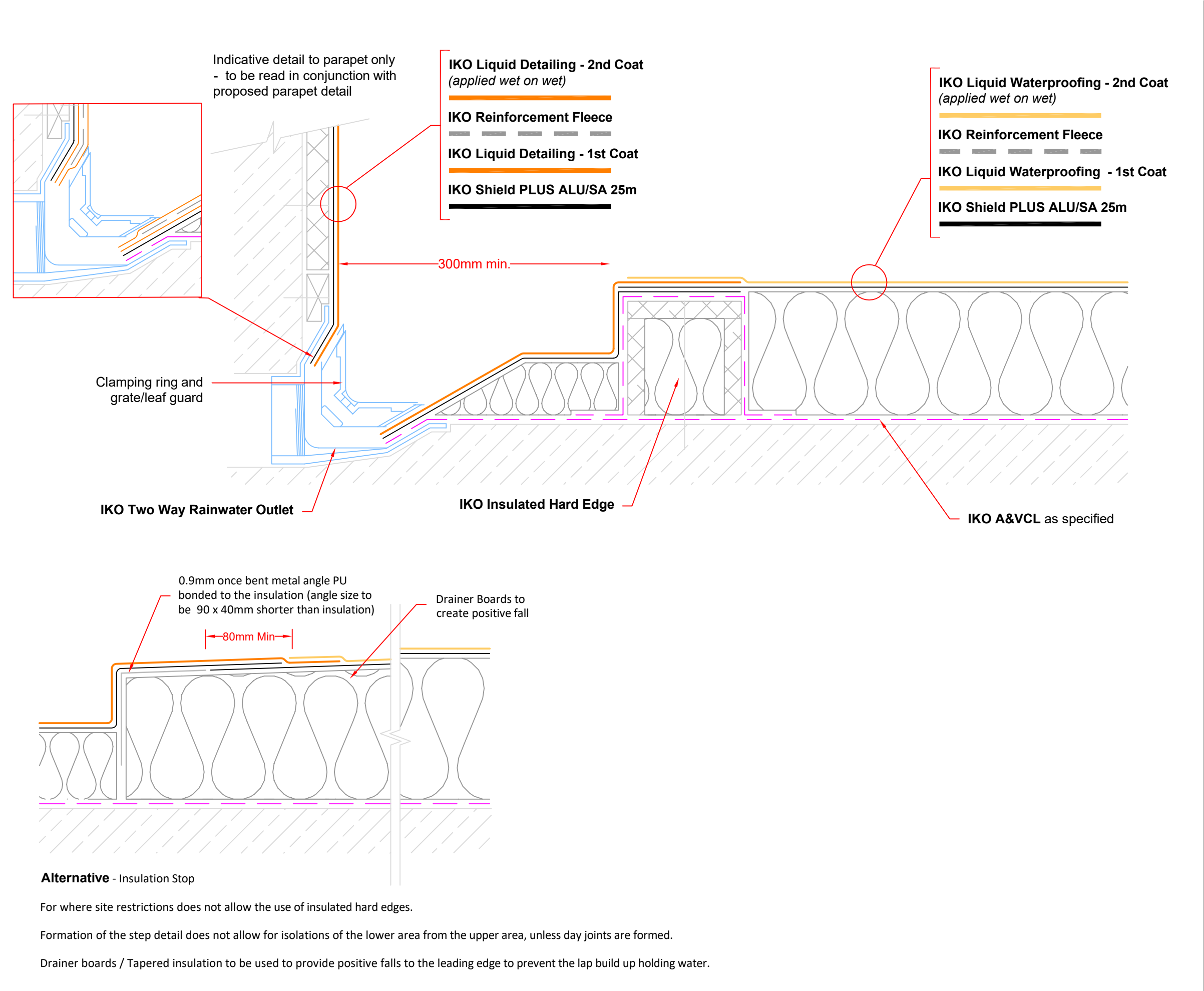
All details to be installed in accordance with BS6229, and IKO recommendations.

All surfaces must be clean, dry, and suitably prepared to accept the waterproofing system.

During the application of all bitumen membranes a visible bead of bitumen must be exuded from all side and end laps.

For application rates of IKO liquid system products refer to the current published technical literature or project specification.

 Email: technical.uk@iko.com	STANDARD DETAIL	DRAWING TITLE: CHECK KERB - Concrete - GRP Trim		Dwg No: C4		This detail is representative of a typical situation and provided for illustration purposes. Where shown insulation thickness may differ in accordance with specifiers U value requirement. To be read in conjunction with the IKO project specification. Refer to specification and product literature for product descriptions and application information. Copyright Reserved - Please note that this drawing & the copyright therein is the property of IKO & is issued on the understanding that the drawing or any detail thereof will not be divulged to a third party unless written permission is first obtained from IKO technical services department. The drawing is valid only when approved by the Architect/ Contractor concerned.
		DATE: March 2024	NOTES/REVISIONS: N/A	SCALE: NTS	DRAWN BY: IKO	



INTERNAL RWO - IKO Two Way Outlet

Rainwater outlets should be of the correct design & of sufficient size so that the opening is not restricted by the application of the waterproofing system. Roof drainage layout must comply with BS EN 12056-3:2000. Install additional rainwater outlets as required to ensure any standing water is within IKO Technical Services recommendations.

Protect all outlets from any ingress of debris as a result of the roofing works, ensuring any such protection is removed upon the detailing being completed or during non-operational periods.

Remove any existing rainwater outlets & dispose of site.

Apply **IKO INSULATED HARD EDGE** or treated timber stop batten (100mm wide & 10mm thinner than the insulation, so as to prevent lap build up) to create a minimum 300mm sump around the outlet position mechanically fastened or adhered in **IKO PU Adhesive** to the roof deck.

Install new **IKO Two Way Rainwater Outlet**, according to instructions ensuring a secure connection the the pipework.

Apply sufficient coats of the specified **IKO Primer** to all surfaces to which the air & vapour control layer is to be bonded.

Apply the specified **IKO Air & Vapour Control Layer** to the primed substrate & dressed to link with **IKO Shield PLUS ALU/SA 25m** by 50mm minimum.

Apply specified **IKO enertherm Insulation** to the Air & Vapour Control Layer, to be bonded as per IKO Specification Proposal.

Apply the specified **IKO Primer** and **IKO Shield PLUS ALU/SA 25m** to the surface of the insulation to link with the Air & Vapour Control Layer as indicated. All overlaps and details in the preparation membrane must be fully bonded.

Prime existing surfaces with the specified **IKO Primer** as necessary.

Apply **IKO Liquid Waterproofing** as indicated, installed in strict accordance with IKO Specification and installation guidance.

If specified apply Sealer/UV Coat to cured waterproofing (not *indicated on detail*) in strict accordance with IKO Specification and installation guidance.

On completion fix the associated clamping rings & domes/gratings/leaf guards. All rainwater outlets & drainage should be checked upon completion of the works to ensure that they are free flowing.

NOTES:

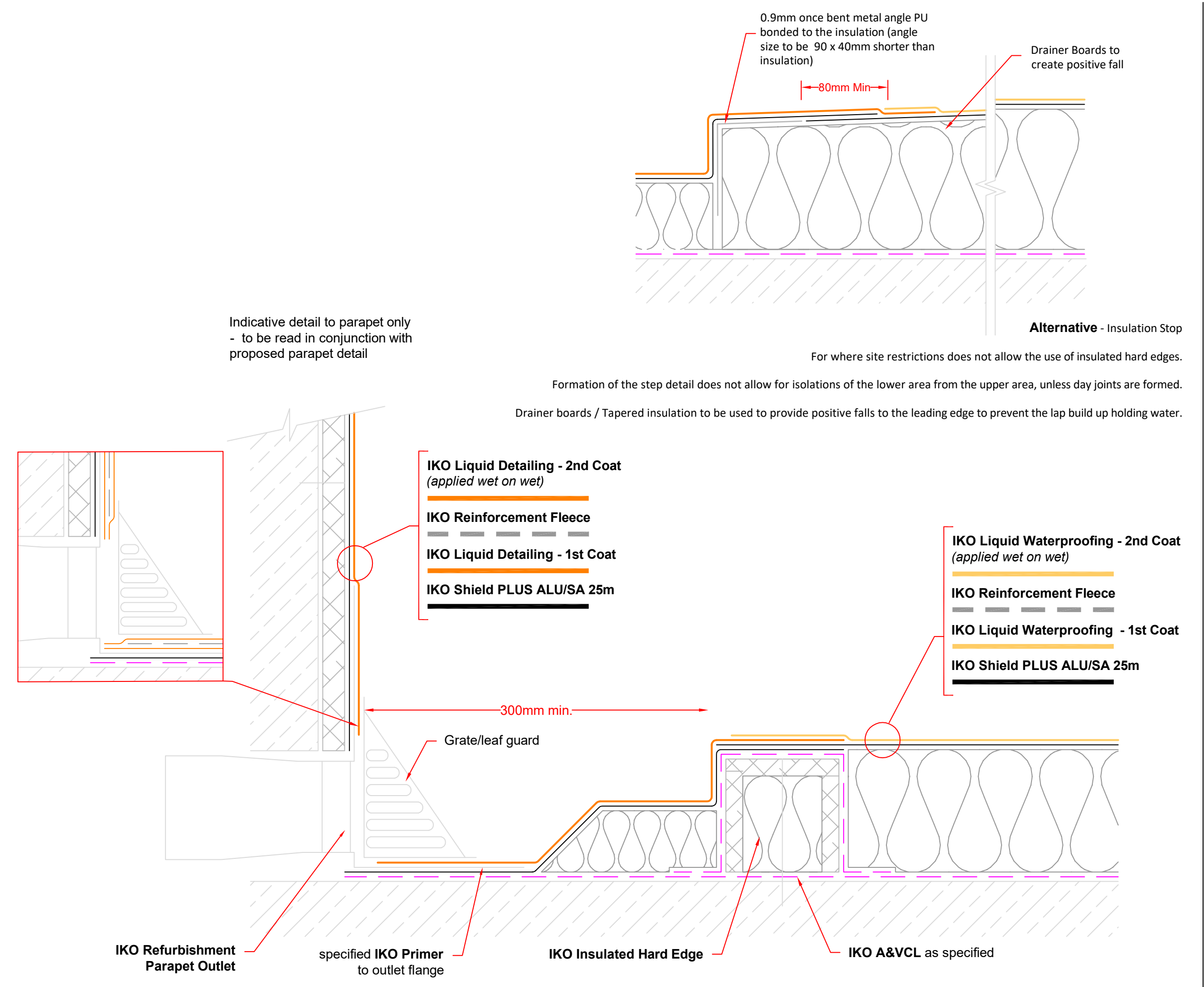
All details to be installed in accordance with BS6229, and IKO recommendations.

All surfaces must be clean, dry, and suitably prepared to accept the waterproofing system.

During the application of all bitumen membranes a visible bead of bitumen must be exuded from all side and end laps.

For application rates of IKO liquid system products refer to the current published technical literature or project specification.

 Email: technical.uk@iko.com	STANDARD DETAIL	DRAWING TITLE: INTERNAL RWO - IKO Two Way Outlet		DWG No: D2		This detail is representative of a typical situation and provided for illustration purposes. Where shown insulation thickness may differ in accordance with specifiers U value requirement. To be read in conjunction with the IKO project specification. Refer to specification and product literature for product descriptions and application information.
		DATE: March 2024	NOTES/REVISIONS: N/A	SCALE: NTS	DRAWN BY: IKO	



INTERNAL RWO - IKO Refurbishment Parapet Outlet

Rainwater outlets should be of the correct design & of sufficient size so that the opening is not restricted by the application of the waterproofing system. Roof drainage layout must comply with BS EN 12056-3:2000. Install additional rainwater outlets as required to ensure any standing water is within IKO Technical Services recommendations.

Protect all outlets from any ingress of debris as a result of the roofing works, ensuring any such protection is removed upon the detailing being completed or during non-operational periods.

Remove any existing rainwater outlets & dispose of site.

Apply **IKO INSULATED HARD EDGE** or treated timber stop batten (100mm wide & 10mm thinner than the insulation, so as to prevent lap build up) to create a minimum 300mm sump around the outlet position mechanically fastened or adhered in **IKO PU Adhesive** to the roof deck.

Apply sufficient coats of the specified **IKO Primer** to all surfaces to which the air & vapour control layer is to be bonded.

Apply the specified **IKO Air & Vapour Control Layer** to the primed substrate & dressed to link with **IKO Shield PLUS ALU/SA 25m** by 50mm minimum.

Apply specified **IKO enertherm Insulation** to the Air & Vapour Control Layer, to be bonded as per IKO Specification Proposal.

Apply the specified **IKO Primer** and **IKO Shield PLUS ALU/SA 25m** to the surface of the insulation to link with the Air & Vapour Control Layer as indicated. All overlaps and details in the preparation membrane must be fully bonded.

Install new **IKO Refurbishment Parapet Outlet**, ensuring a positive seal to the existing pipe-work.

Prime the felt flange of the new outlet with the specified **IKO Primer**. Apply **IKO Liquid Waterproofing** as indicated, installed in strict accordance with IKO Specification and installation guidance.

If specified apply Sealer/UV Coat to cured waterproofing (not indicated on detail) in strict accordance with IKO Specification and installation guidance.

On completion fix the associated clamping rings & domes/gratings/leaf guards. All rainwater outlets & drainage should be checked upon completion of the works to ensure that they are free flowing.

NOTES:

All details to be installed in accordance with BS6229, and IKO recommendations.

All surfaces must be clean, dry, and suitably prepared to accept the waterproofing system.

During the application of all bitumen membranes a visible bead of bitumen must be exuded from all side and end laps.

For application rates of IKO liquid system products refer to the current published technical literature or project specification.



Email: technical.uk@iko.com

STANDARD DETAIL

DRAWING TITLE:
INTERNAL RWO - IKO Refurbishment Parapet Outlet

DATE:
March 2024

NOTES/REVISIONS:
N/A

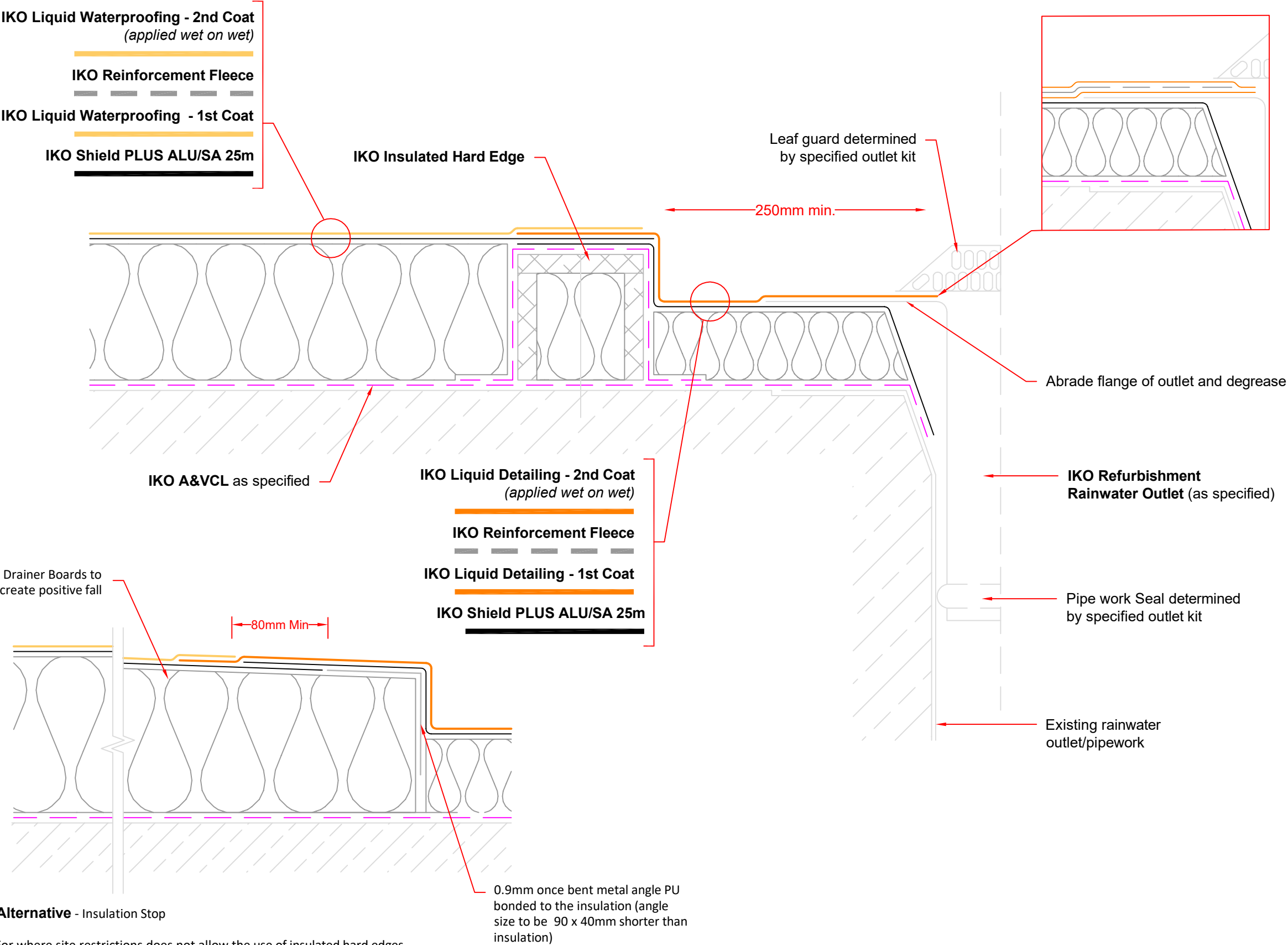
DWG No:
D4

SCALE:
NTS

DRAWN BY:
IKO

This detail is representative of a typical situation and provided for illustration purposes. Where shown insulation thickness may differ in accordance with specifiers U value requirement. To be read in conjunction with the IKO project specification. Refer to specification and product literature for product descriptions and application information.

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Alternative - Insulation Stop

For where site restrictions does not allow the use of insulated hard edges.

Formation of the step detail does not allow for isolations of the lower area from the upper area, unless day joints are formed.

Drainer boards / Tapered insulation to be used to provide positive falls to the leading edge to prevent the lap build up holding water.

INTERNAL RWO - IKO Refurbishment Outlet

Rainwater outlets should be of the correct design & of sufficient size so that the opening is not restricted by the application of the waterproofing system. Roof drainage layout must comply with BS EN 12056-3:2000. Install additional rainwater outlets as required to ensure any standing water is within IKO Technical Services recommendations.

Protect all outlets from any ingress of debris as a result of the roofing works, ensuring any such protection is removed upon the detailing being completed or during non-operational periods.

Remove any existing clamping rings, domes and gratings from existing rainwater outlets & dispose of site.

To improve drainage, create a sump detail minimum 500mm x 500mm around the outlet position by installing a minimum 60mm thickness of insulation in this location. Install **IKO INSULATED HARD EDGE** or a treated timber stop batten (minimum 100mm wide), of a thickness 10mm less than the main roof insulation around the sump perimeter to protect the edge of the insulation; to be mechanically fixed, or adhered in **IKO PU Adhesive** to the roof substrate.

Apply sufficient coats of the specified **IKO Primer** to all surfaces to which the air & vapour control layer is to be bonded.

Apply the specified **IKO Air & Vapour Control Layer** to the primed substrate & dressed to link with **IKO Shield PLUS ALU/SA 25m** by 50mm minimum.

Apply specified **IKO enertherm Insulation** to the Air & Vapour Control Layer, to be bonded as per IKO Specification Proposal.

Apply the specified **IKO Primer** and **IKO Shield PLUS ALU/SA 25m** to the surface of the insulation to link with the Air & Vapour Control Layer as indicated. All overlaps and details in the preparation membrane must be fully bonded.

Install new **IKO Refurbishment Rainwater Outlet**, ensuring that the expansion mechanism is correctly applied to create a positive seal to the existing down-pipe.

Abrade the flange of the new outlet to provide a key and degrease with **IKO Acetone Cleaner**.

Apply **IKO Liquid Waterproofing** as indicated, installed in strict accordance with IKO Specification and installation guidance.

If specified apply Sealer/UV Coat to cured waterproofing (not indicated on detail) in strict accordance with IKO Specification and installation guidance.

On completion fix the associated clamping rings & domes/gratings/leaf guards. All rainwater outlets & drainage should be checked upon completion of the works to ensure that they are free flowing.

NOTES:

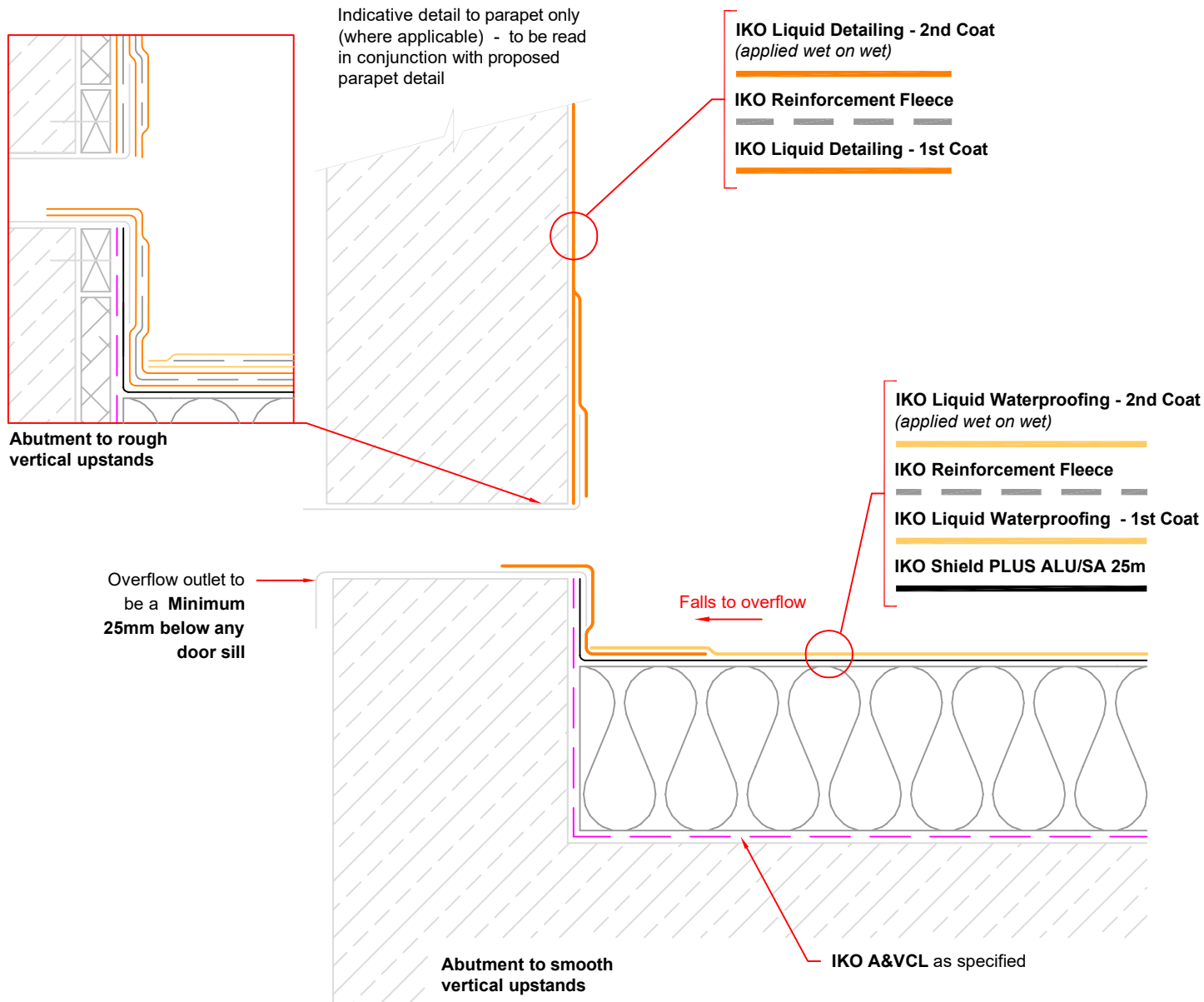
All details to be installed in accordance with BS6229, and IKO recommendations.

All surfaces must be clean, dry, and suitably prepared to accept the waterproofing system.

During the application of all bitumen membranes a visible bead of bitumen must be exuded from all side and end laps.

For application rates of IKO liquid system products refer to the current published technical literature or project specification.

 Email: technical.uk@iko.com	STANDARD DETAIL	DRAWING TITLE: INTERNAL RWO - IKO Refurbishment Outlet		DWG No: D5		This detail is representative of a typical situation and provided for illustration purposes. Where shown insulation thickness may differ in accordance with specifiers U value requirement. To be read in conjunction with the IKO project specification. Refer to specification and product literature for product descriptions and application information.
		DATE: March 2024	NOTES/REVISIONS: N/A	SCALE: NTS	DRAWN BY: IKO	



RAINWATER OUTLET - OVERFLOW OUTLET

Overflow outlets should be of the correct design & of sufficient size so that the opening is not restricted by the application of the waterproofing system. Roof drainage layout must comply with BS EN 12056-3:2000.

Protect all outlets from any ingress of debris as a result of the roofing works, ensuring any such protection is removed upon the detailing being completed or during non-operational periods.

Remove any existing overflow outlets & dispose of site.

Overflow outlet to be a minimum 25mm below any door cill

Install suitable new Overflow Outlet, according to instructions ensuring a secure connection to any exiting pipe work; Alternatively ensure any over flow pipe extends minimum 50mm from the external leaf.

Apply sufficient coats of the specified **IKO Primer** to all surfaces to which the air & vapour control layer is to be bonded.

Apply the specified **IKO Air & Vapour Control Layer** to the primed substrate & dressed to link with **IKO Shield PLUS ALU/SA 25m** by 50mm minimum.

Apply specified **IKO enertherm Insulation** to the Air & Vapour Control Layer, to be bonded as per IKO Specification Proposal.

Apply the specified **IKO Primer** and **IKO Shield PLUS ALU/SA 25m** to the surface of the insulation to link with the Air & Vapour Control Layer as indicated. All overlaps and details in the preparation membrane must be fully bonded.

Abrade the flange of the new metal outlet to provide a key and degrease with **IKO Acetone Cleaner** as required.

Prime existing surfaces with the specified **IKO Primer** as necessary.

Apply **IKO Liquid Waterproofing** as indicated, installed in strict accordance with IKO Specification and installation guidance.

If specified apply **Sealer/UV Coat** to cured waterproofing (not indicated on detail) in strict accordance with IKO Specification and installation guidance.

NOTES:

All details to be installed in accordance with BS6229, and IKO recommendations.

All surfaces must be clean, dry, and suitably prepared to accept the waterproofing system.

For application rates of IKO liquid system products refer to the current published technical literature or project specification.



Email: technical.uk@iko.com

STANDARD DETAIL

DRAWING TITLE:
Rainwater outlet - Overflow Outlet

DATE:
March 2024

NOTES/REVISIONS:
N/A

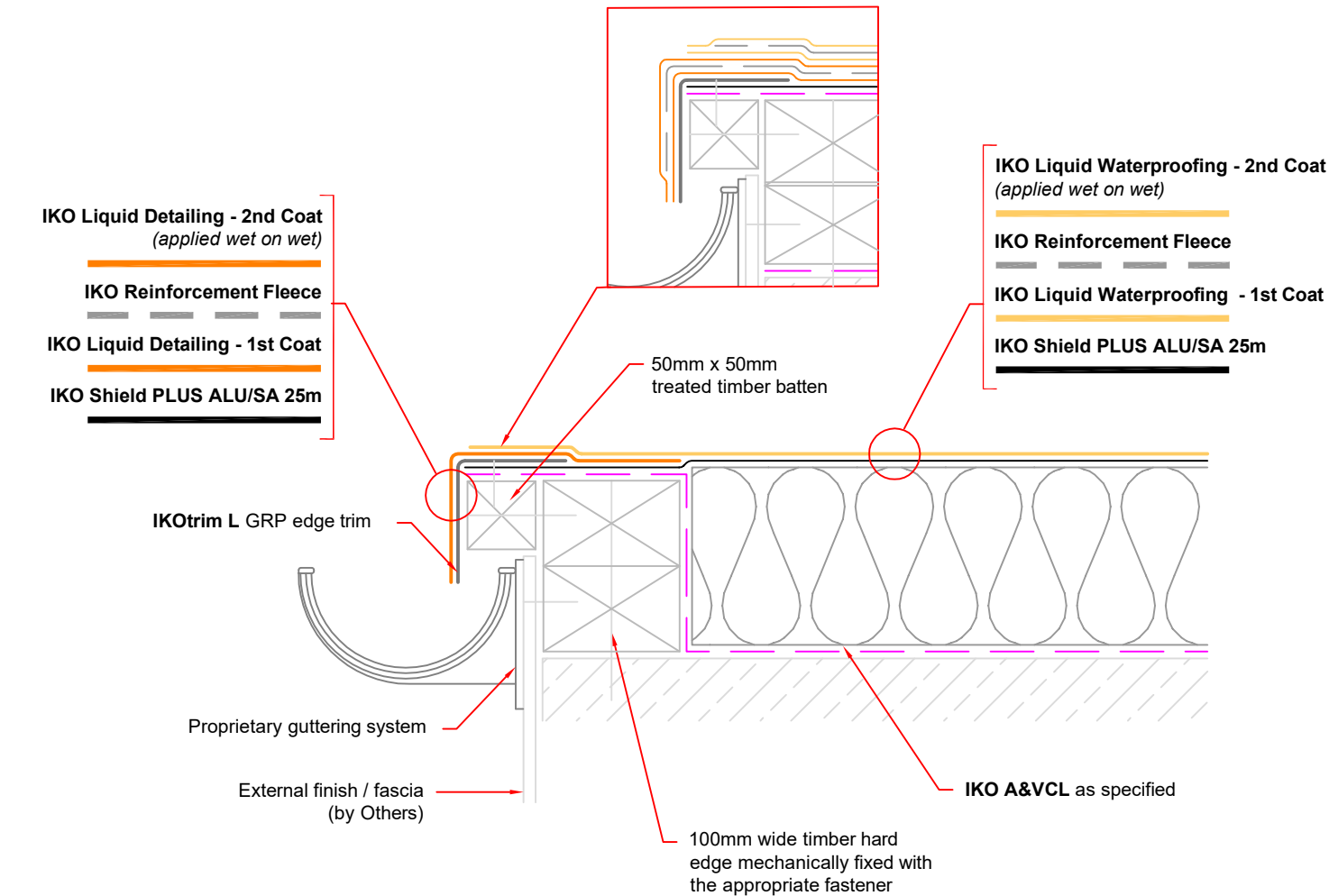
DWG No:
D8

SCALE:
NTS

DRAWN BY:
IKO

This detail is representative of a typical situation and provided for illustration purposes. Where shown insulation thickness may differ in accordance with specifiers U value requirement. To be read in conjunction with the IKO project specification. Refer to specification and product literature for product descriptions and application information.

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DRIP TO GUTTER

Apply treated timber stop batten (100mm wide & 10mm thinner than the insulation, so as to prevent lap build up) mechanically fastened to the roof deck to provide a hard edge to all perimeters. Perimeter timbers must be fixed at maximum 300mm centres (150mm maximum for areas of high wind uplift) using suitable fixings into a structurally sound substrate.

Where an additional insulation thickness is specified the perimeter will need to be raised to accommodate the new detail in accordance with IKO Technical Services recommendations. This may affect the aesthetics of the external facade, so allowance must be made for raising the existing facade & associated components, e.g. fascia boards, guttering.

Apply & securely fix a 50mm x 50mm minimum treated timber batten.

Apply sufficient coats of the specified **IKO Primer** to all surfaces to which the air & vapour control layer is to be bonded.

Apply the specified **IKO Air & Vapour Control Layer** to the primed substrate & dressed to link with **IKO Shield PLUS ALU/SA 25m** by 50mm minimum.

Apply specified **IKO enertherm Insulation** to the Air & Vapour Control Layer, to be bonded as per IKO Specification Proposal.

Apply the specified **IKO Primer** and **IKO Shield PLUS ALU/SA 25m** to the surface of the insulation to link with the Air & Vapour Control Layer as indicated. All overlaps and details in the preparation membrane must be fully bonded.

Apply **IKOTRIM L** edge trim, mechanically fastened to the timber capping at maximum 300mm staggered centres (150mm maximum for areas of high wind uplift). Abrade the edge trim to provide a key and clean with **IKO Acetone Cleaner**. Expansion gaps between the lengths of edge trim must be taped with **IKOpro BRIDGING TAPE**.

Apply **IKO Liquid Waterproofing** as indicated, installed in strict accordance with IKO Specification and installation guidance.

Continue the **IKO Liquid Detailing** down the face of the **IKOTRIM L** as shown

If specified apply Sealer/UV Coat to cured waterproofing (not *indicated on detail*) in strict accordance with IKO Specification and installation guidance.

NOTES:

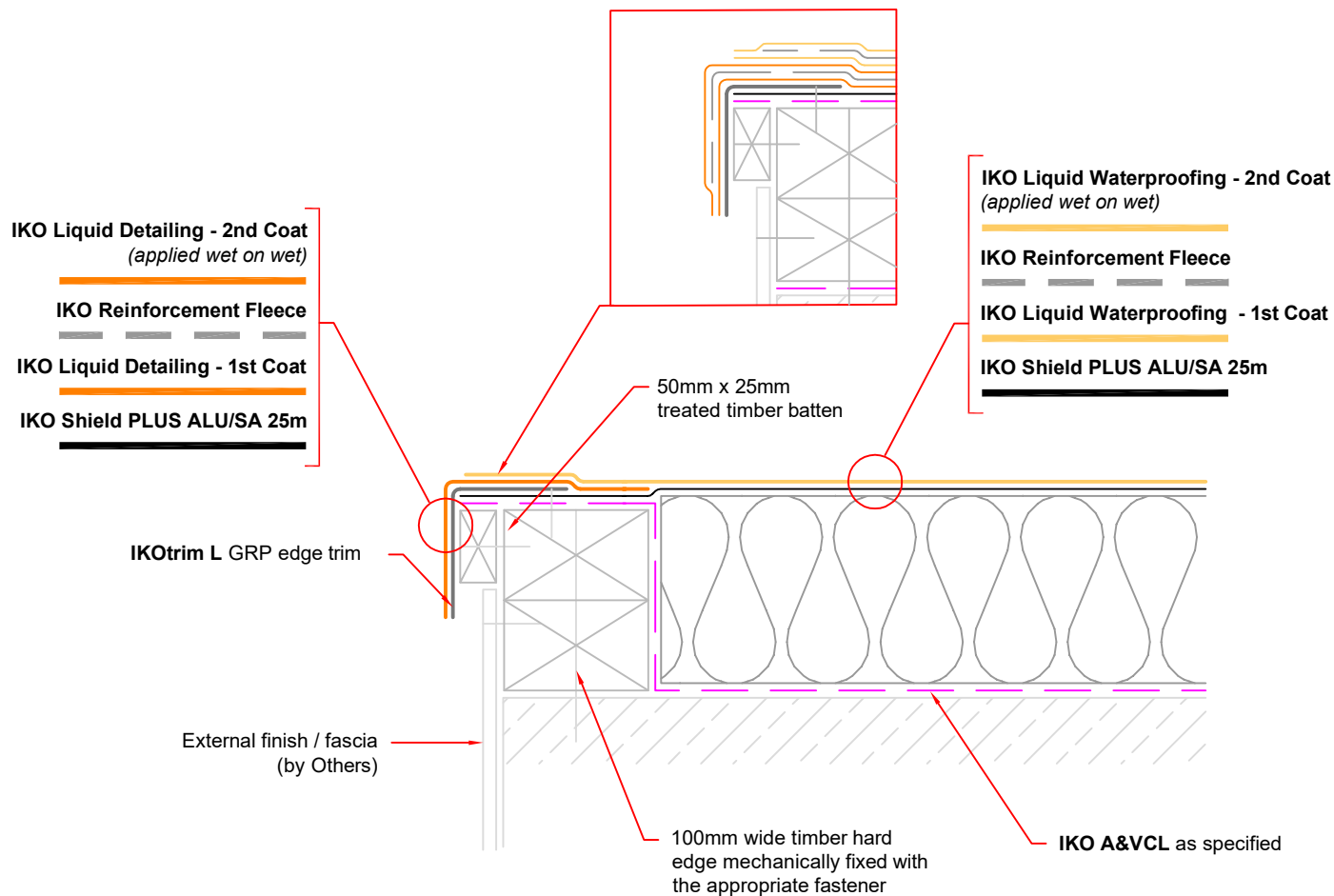
All details to be installed in accordance with BS6229, and IKO recommendations.

All surfaces must be clean, dry, and suitably prepared to accept the waterproofing system.

During the application of all bitumen membranes a visible bead of bitumen must be exuded from all side and end laps.

For application rates of IKO liquid system products refer to the current published technical literature or project specification.

 Email: technical.uk@iko.com	STANDARD DETAIL	DRAWING TITLE: DRIP TO GUTTER		DWG No: E1		This detail is representative of a typical situation and provided for illustration purposes. Where shown insulation thickness may differ in accordance with specifier U value requirement. To be read in conjunction with the IKO project specification. Refer to specification and product literature for product descriptions and application information. Copyright Reserved - Please note that this drawing & the copyright therein is the property of IKO & is issued on the understanding that the drawing or any detail thereof will not be divulged to a third party unless written permission is first obtained from IKO technical services department. The drawing is valid only when approved by the Architect/ Contractor concerned.
		DATE: March 2024	NOTES/REVISIONS: N/A	SCALE: NTS	DRAWN BY: IKO	



DRIP EDGE

Apply treated timber stop batten (100mm wide & 10mm thinner than the insulation, so as to prevent lap build up) mechanically fastened to the roof deck to provide a hard edge to all perimeters. Perimeter timbers must be fixed at maximum 300mm centres (150mm maximum for areas of high wind uplift) using suitable fixings into a structurally sound substrate.

Where an additional insulation thickness is specified the perimeter will need to be raised to accommodate the new detail in accordance with IKO Technical Services recommendations. This may affect the aesthetics of the external facade, so allowance must be made for raising the existing facade & associated components, e.g. fascia boards, guttering.

Apply & securely fix a 50mm x 25mm minimum treated timber batten.

Apply sufficient coats of the specified **IKO Primer** to all surfaces to which the air & vapour control layer is to be bonded.

Apply the specified **IKO Air & Vapour Control Layer** to the primed substrate & dressed to link with **IKO Shield PLUS ALU/SA 25m** by 50mm minimum.

Apply specified **IKO enertherm Insulation** to the Air & Vapour Control Layer, to be bonded as per IKO Specification Proposal.

Apply the specified **IKO Primer** and **IKO Shield PLUS ALU/SA 25m** to the surface of the insulation to link with the Air & Vapour Control Layer as indicated. All overlaps and details in the preparation membrane must be fully bonded.

Apply **IKOTRIM L** edge trim, mechanically fastened to the timber capping at maximum 300mm staggered centres (150mm maximum for areas of high wind uplift). Abrade the edge trim to provide a key and clean with **IKO Acetone Cleaner**. Expansion gaps between the lengths of edge trim must be taped with **IKOpro BRIDGING TAPE**.

Apply **IKO Liquid Waterproofing** as indicated, installed in strict accordance with IKO Specification and installation guidance.

Continue the **IKO Liquid Detailing** down the face of the **IKOTRIM L** as shown

If specified apply Sealer/UV Coat to cured waterproofing (not *indicated on detail*) in strict accordance with IKO Specification and installation guidance.

NOTES:

All details to be installed in accordance with BS6229, and IKO recommendations.

All surfaces must be clean, dry, and suitably prepared to accept the waterproofing system.

During the application of all bitumen membranes a visible bead of bitumen must be exuded from all side and end laps.

For application rates of IKO liquid system products refer to the current published technical literature or project specification.

IKO Liquid Detailing - 2nd Coat
(applied wet on wet)

IKO Reinforcement Fleece

IKO Liquid Detailing - 1st Coat

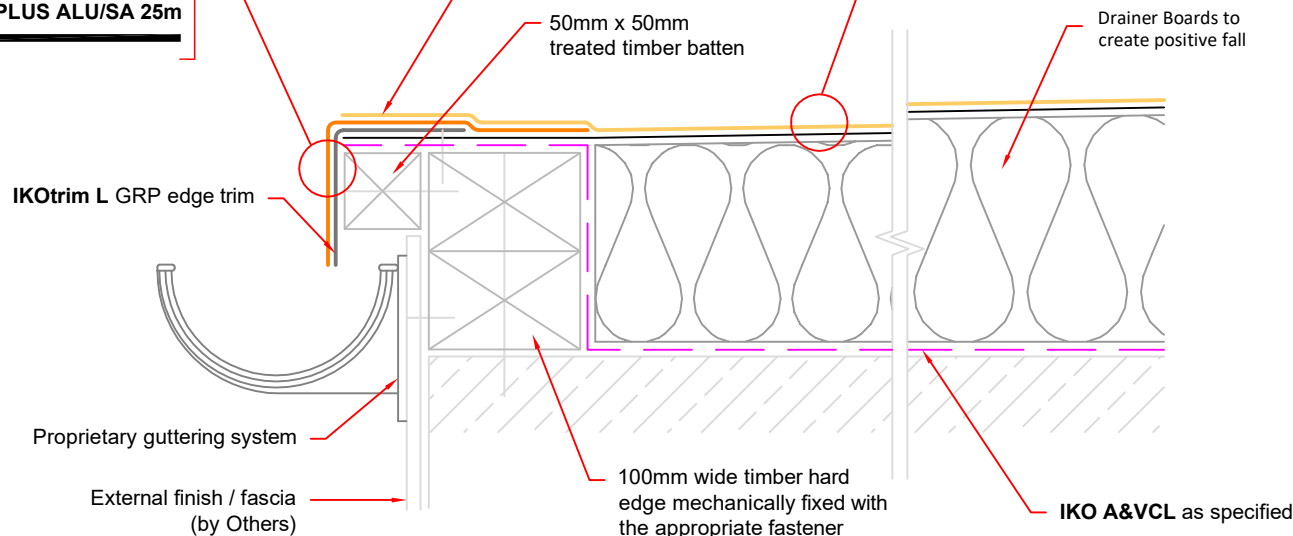
IKO Shield PLUS ALU/SA 25m

IKO Liquid Waterproofing - 2nd Coat
(applied wet on wet)

IKO Reinforcement Fleece

IKO Liquid Waterproofing - 1st Coat

IKO Shield PLUS ALU/SA 25m



DRIP TO GUTTER - Drainer Board

Apply treated timber stop batten (100mm wide & 10mm thinner than the insulation, so as to prevent lap build up) mechanically fastened to the roof deck to provide a hard edge to all perimeters. Perimeter timbers must be fixed at maximum 300mm centres (150mm maximum for areas of high wind uplift) using suitable fixings into a structurally sound substrate.

Where an additional insulation thickness is specified the perimeter will need to be raised to accommodate the new detail in accordance with IKO Technical Services recommendations. This may affect the aesthetics of the external facade, so allowance must be made for raising the existing facade & associated components, e.g. fascia boards, guttering.

Apply & securely fix a 50mm x 50mm minimum treated timber batten.

Apply sufficient coats of the specified **IKO Primer** to all surfaces to which the air & vapour control layer is to be bonded.

Apply the specified **IKO Air & Vapour Control Layer** to the primed substrate & dressed to link with **IKO Shield PLUS ALU/SA 25m** by 50mm minimum.

Apply specified **IKO enertherm Insulation** to the Air & Vapour Control Layer, to be bonded as per IKO Specification Proposal.

Apply the specified **IKO Primer** and **IKO Shield PLUS ALU/SA 25m** to the surface of the insulation to link with the Air & Vapour Control Layer as indicated. All overlaps and details in the preparation membrane must be fully bonded.

Apply **IKOTRIM L** edge trim, mechanically fastened to the timber capping at maximum 300mm staggered centres (150mm maximum for areas of high wind uplift). Abrade the edge trim to provide a key and clean with **IKO Acetone Cleaner**. Expansion gaps between the lengths of edge trim must be taped with **IKOpro BRIDGING TAPE**.

Apply **IKO Liquid Waterproofing** as indicated, installed in strict accordance with IKO Specification and installation guidance.

Continue the **IKO Liquid Detailing** down the face of the **IKOTRIM L** as shown

If specified apply Sealer/UV Coat to cured waterproofing (not indicated on detail) in strict accordance with IKO Specification and installation guidance.

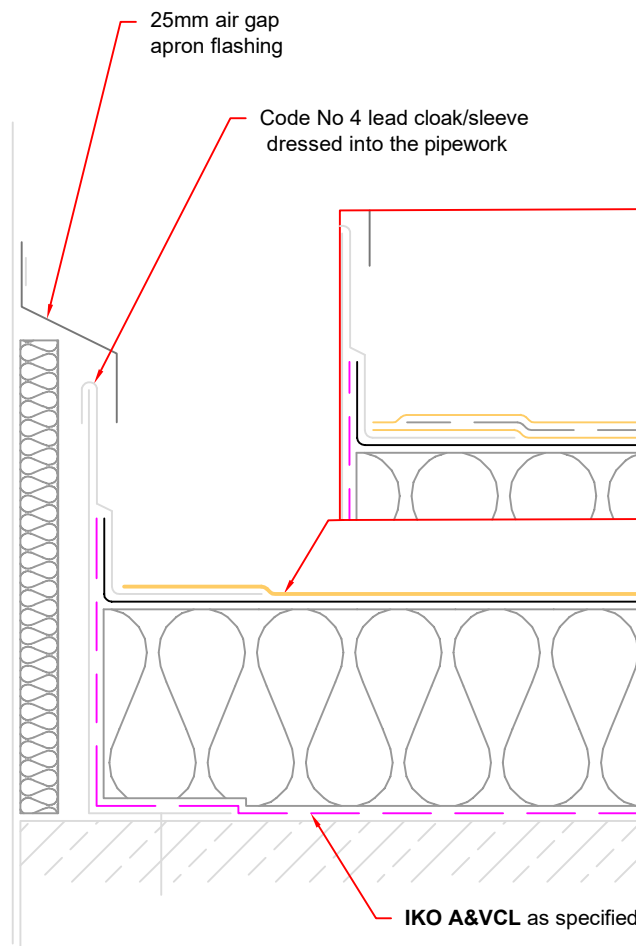
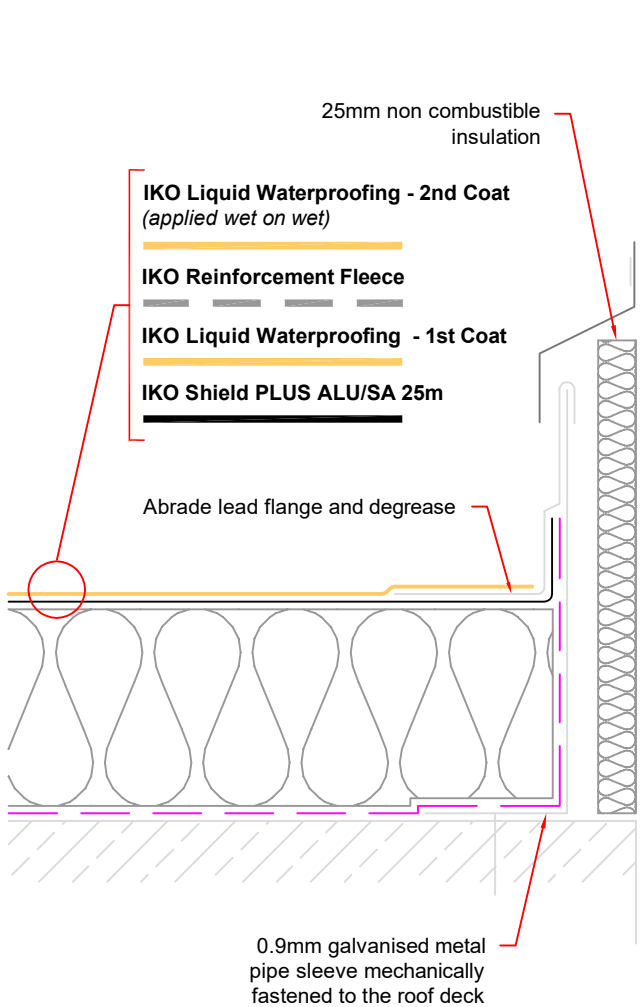
NOTES:

All details to be installed in accordance with BS6229, and IKO recommendations.

All surfaces must be clean, dry, and suitably prepared to accept the waterproofing system.

During the application of all bitumen membranes a visible bead of bitumen must be exuded from all side and end laps.

For application rates of IKO liquid system products refer to the current published technical literature or project specification.



PIPE PENETRATIONS - Hot Pipe

Extend pipework as necessary to achieve a minimum upstand height of 150mm above finished roof level.

Install an insulated pipe sleeve to the pipework to achieve a minimum upstand height of 150mm above finished roof level.

Apply sufficient coats of the specified **IKO Primer** to all surfaces to which the air & vapour control layer is to be bonded.

Apply the specified **IKO Air & Vapour Control Layer** to the primed substrate & dressed to link with **IKO Shield PLUS ALU/SA 25m** by 50mm minimum.

Apply specified **IKO enertherm Insulation** to the Air & Vapour Control Layer, to be bonded as per IKO Specification Proposal.

Apply the specified **IKO Primer** and **IKO Shield PLUS ALU/SA 25m** to the surface of the insulation to link with the Air & Vapour Control Layer as indicated. All overlaps and details in the preparation membrane must be fully bonded.

Apply a proprietary pipe flashing as indicated with the lead flange sealed between the waterproofing layers being installed in accordance with manufacturers recommendations.

Abrade the lead flange of the new pipe flashing to provide a key and degrease with **IKO Acetone Cleaner**.

Apply **IKO Liquid Waterproofing** as indicated, installed in strict accordance with IKO Specification and installation guidance.

If specified apply Sealer/UV Coat to cured waterproofing (not indicated on detail) in strict accordance with IKO Specification and installation guidance.

On completion of the detailing works provide a metal apron flashing to the pipe to provide weathering to the pipe sleeve. The top edge should be sealed with a suitable mastic sealant.

NOTES:

All details to be installed in accordance with BS6229, and IKO recommendations.

All surfaces must be clean, dry, and suitably prepared to accept the waterproofing system.

During the application of all bitumen membranes a visible bead of bitumen must be exuded from all side and end laps.

For application rates of IKO liquid system products refer to the current published technical literature or project specification.



Email: technical.uk@iko.com

STANDARD DETAIL

DRAWING TITLE:

PIPE PENETRATIONS - Hot Pipe

DATE:

March 2024

NOTES/REVISIONS:

N/A

DWG No:

F1

SCALE:

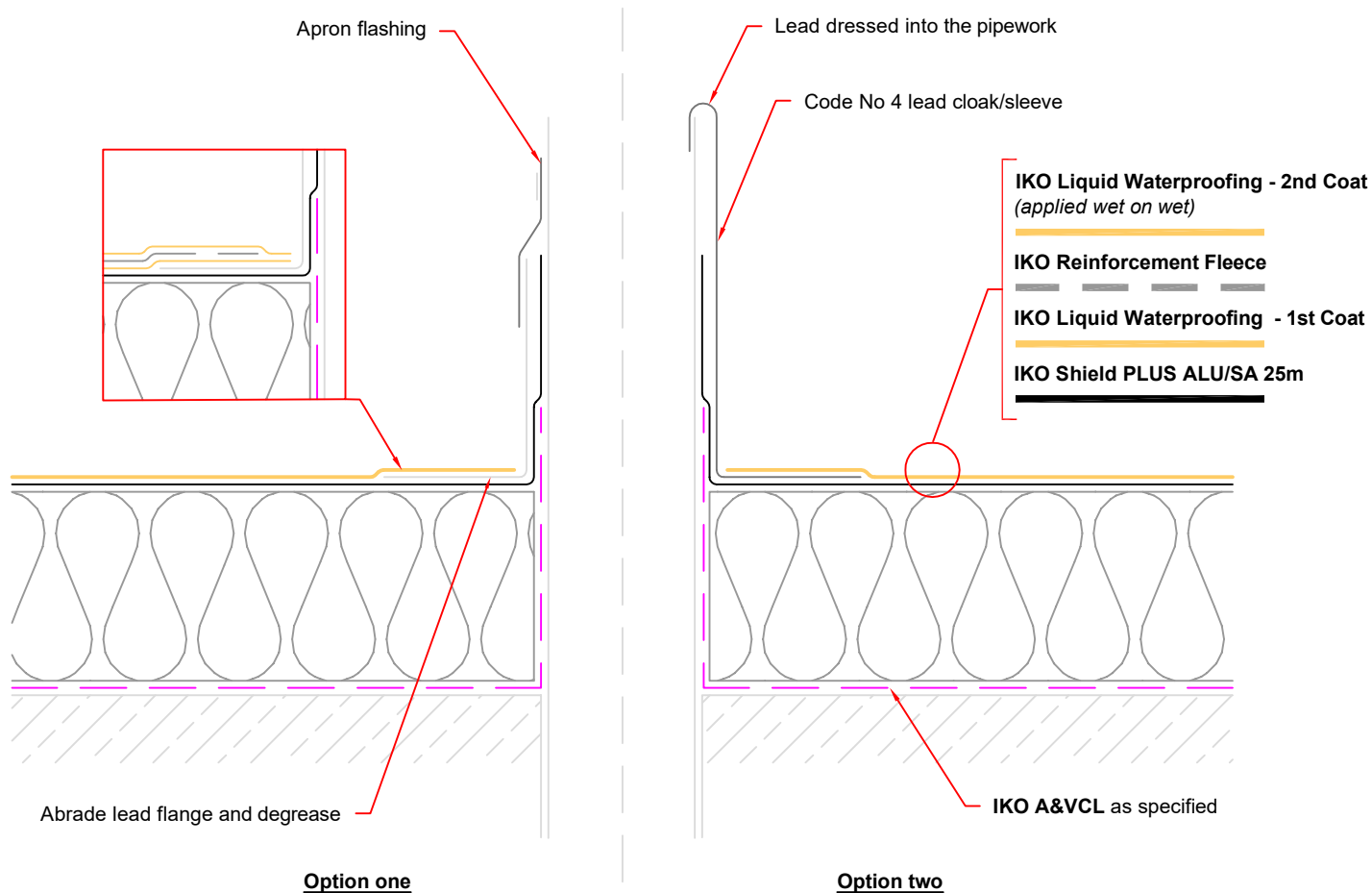
NTS

DRAWN BY:

IKO

This detail is representative of a typical situation and provided for illustration purposes. Where shown insulation thickness may differ in accordance with specifiers U value requirement. To be read in conjunction with the IKO project specification. Refer to specification and product literature for product descriptions and application information.

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PIPE PENETRATIONS - Cold Pipe - Lead Sleeve

Extend pipework as necessary to achieve a minimum upstand height of 150mm above finished roof level.

Apply sufficient coats of the specified **IKO Primer** to all surfaces to which the air & vapour control layer is to be bonded.

Apply the specified **IKO Air & Vapour Control Layer** to the primed substrate & dressed to link with **IKO Shield PLUS ALU/SA 25m** by 50mm minimum.

Apply specified **IKO enertherm Insulation** to the Air & Vapour Control Layer, to be bonded as per IKO Specification Proposal.

Apply the specified **IKO Primer** and **IKO Shield PLUS ALU/SA 25m** to the surface of the insulation to link with the Air & Vapour Control Layer as indicated. All overlaps and details in the preparation membrane must be fully bonded.

Provide Code 4 or 5 lead pipe flashings preformed to suit each pipe. The sleeve should be dressed between the waterproofing layers. Leadwork should be dressed & turned over the top of the pipe to encapsulate the rim or top edge, being secured with a proprietary flashing & sealed with a suitable mastic sealant to the top edge.

Abrade the flange of the new lead pipe sleeve to provide a key and degrease with **IKO Acetone Cleaner**.

Apply **IKO Liquid Waterproofing** as indicated, installed in strict accordance with IKO Specification and installation guidance.

If specified apply Sealer/UV Coat to cured waterproofing (not indicated on detail) in strict accordance with IKO Specification and installation guidance.

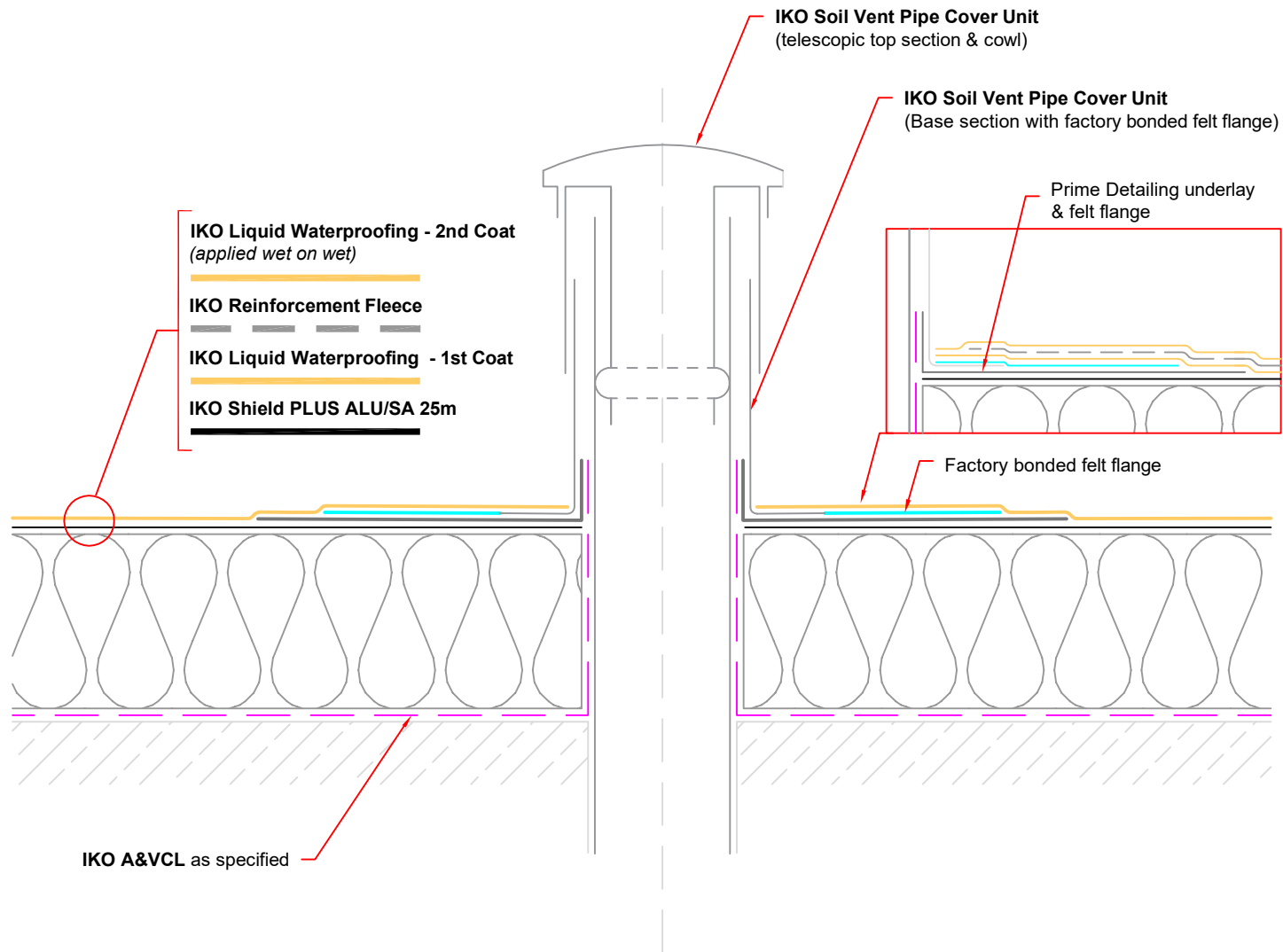
NOTES:

All details to be installed in accordance with BS6229, and IKO recommendations.

All surfaces must be clean, dry, and suitably prepared to accept the waterproofing system.

During the application of all bitumen membranes a visible bead of bitumen must be exuded from all side and end laps.

For application rates of IKO liquid system products refer to the current published technical literature or project specification.



PIPE PENETRATIONS - Cold Pipe - IKO Soil Vent Pipe Cover

Extend pipework as necessary to achieve a minimum upstand height of 150mm above finished roof level.

Apply sufficient coats of the specified **IKO Primer** to all surfaces to which the air & vapour control layer is to be bonded.

Apply the specified **IKO Air & Vapour Control Layer** to the primed substrate & dressed to link with **IKO Shield PLUS ALU/SA 25m** by 50mm minimum.

Apply specified **IKO enertherm Insulation** to the Air & Vapour Control Layer, to be bonded as per IKO Specification Proposal.

Apply the specified **IKO Primer** and **IKO SHIELD PLUS ALU/SA 25m** to the surface of the insulation. All overlaps and details in the preparation membrane must be fully bonded.

Apply the **IKO ULTRA H-A DETAILING Underlay** fully bonded to link with the Air & Vapour Control Layer and extending 50mm min beyond the felt flange as indicated.

Install **IKO SOIL VENT PIPE COVER UNIT** over existing pipe work, Factory bonded flange to be lapped and sealed to the detailing underlay as indicated. Install telescopic upper section and cowl insuring a secure fit between the pipework and O-ring.

Prime felt flange and **IKO ULTRA H-A DETAILING UNDERLAY** with the specified **IKO Primer** as necessary

Apply specified **IKO Liquid Waterproofing** as indicated, installed in strict accordance with IKO Specification and installation guidance.

If specified apply Sealer/UV Coat to cured waterproofing (not indicated on detail) in strict accordance with IKO Specification and installation guidance.

NOTES:

All details to be installed in accordance with BS6229, and IKO recommendations.

All surfaces must be clean, dry, and suitably prepared to accept the waterproofing system.

During the application of all bitumen membranes a visible bead of bitumen must be exuded from all side and end laps.

For application rates of IKO liquid system products refer to the current published technical literature or project specification.

DRAWING TITLE:

PIPE PENETRATIONS - Cold Pipe - IKO Soil Vent Pipe Cover

DATE:

March 2024

NOTES/REVISIONS:

N/A

DWG No:

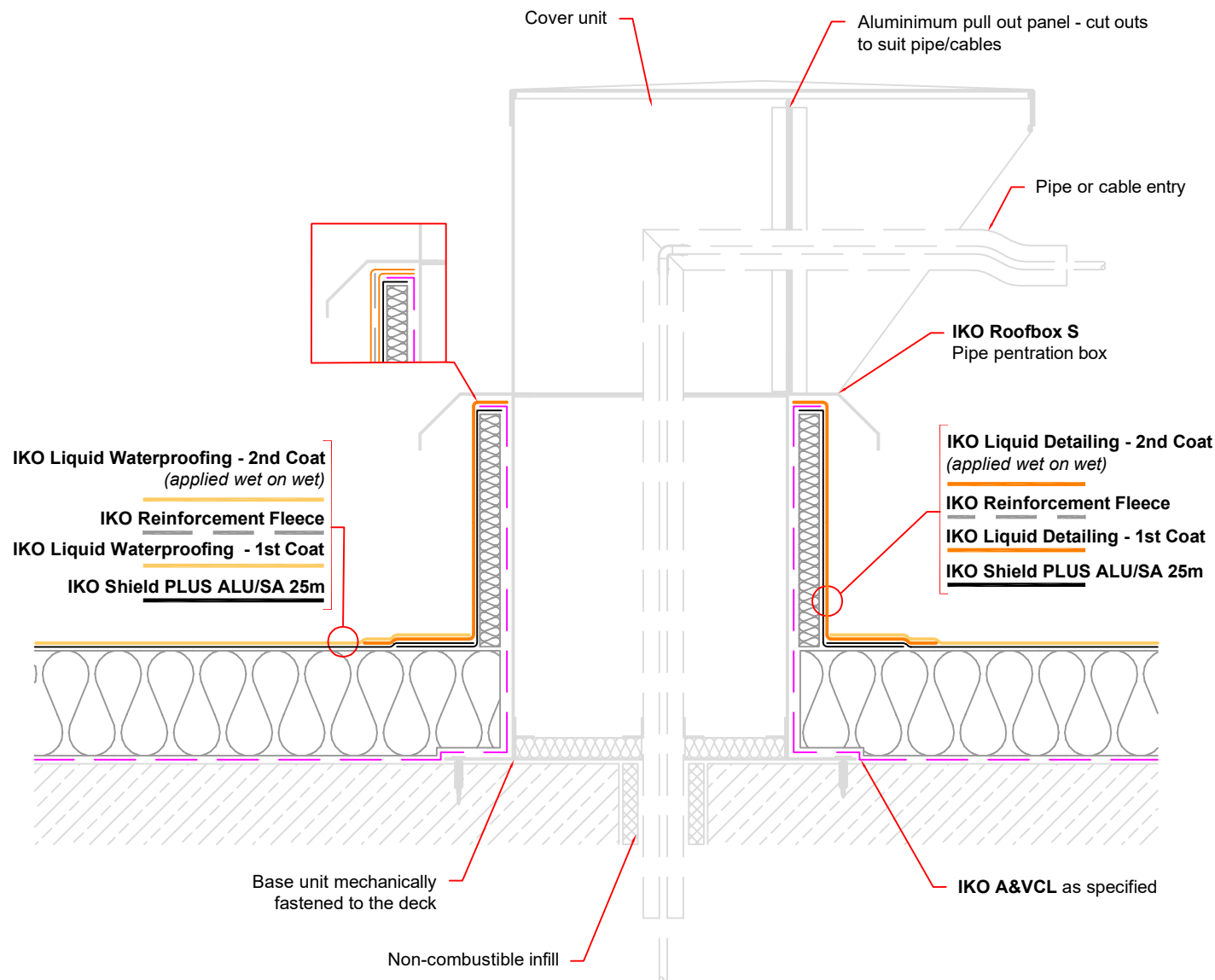
F3

SCALE:

NTS

DRAWN BY:

IKO



IKO ROOFBOX S PIPE PENETRATIONS - Pipe & Cable Entry Box

Apply **IKO Roofbox S** pipe & cable penetration box base unit mechanically fixed to the deck as per manufacturers recommendations.

Apply sufficient coats of the specified **IKO Primer** to all surfaces to which the air & vapour control layer is to be bonded.

Apply the specified **IKO Air & Vapour Control Layer** to the primed substrate & dressed to link with **IKO Shield PLUS ALU/SA 25m** by 50mm minimum.

Apply specified **IKO enertherm Insulation** to the Air & Vapour Control Layer, to be bonded as per IKO Specification Proposal.

Apply the specified **IKO Primer** and **IKO Shield PLUS ALU/SA 25m** to the surface of the insulation to link with the Air & Vapour Control Layer as indicated. All overlaps and details in the preparation membrane must be fully bonded.

Apply **IKO Liquid Waterproofing** as indicated, installed in strict accordance with IKO Specification and installation guidance.

If specified apply Sealer/UV Coat to cured waterproofing (*not indicated on detail*) in strict accordance with IKO Specification and installation guidance.

On completion of the detailing works, fix the **IKO Roofbox S** pipe & cable penetration box main body, aluminium pull out panel for the pipes/cables & lid as per manufacturers recommendations.

NOTES:

All details to be installed in accordance with BS6229, and IKO recommendations.

All surfaces must be clean, dry, and suitably prepared to accept the waterproofing system.

During the application of all bitumen membranes a visible bead of bitumen must be exuded from all side and end laps.

For application rates of IKO liquid system products refer to the current published technical literature or project specification.

DRAWING TITLE:

IKO ROOFBOX S PIPE PENETRATIONS - Pipe & Cable Entry Box

DATE:

March 2024

NOTES/REVISIONS:

REV A - October 2024

DWG No:

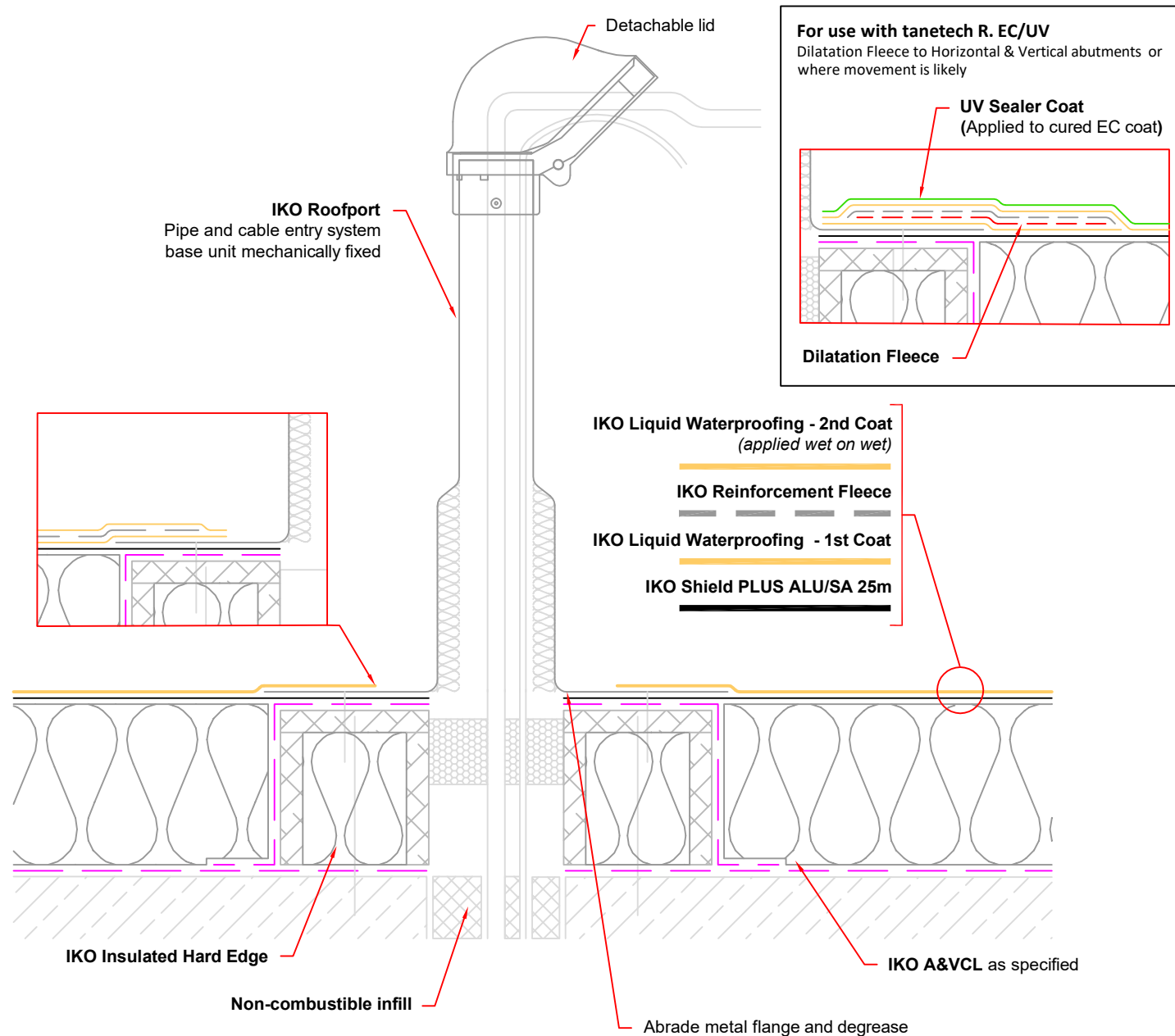
F4

SCALE:

NTS

DRAWN BY:

IKO



IKO ROOFPORT PIPE PENETRATIONS - Pipe & Cable Entry

Apply **IKO INSULATED HARD EDGE** or treated timber stop batten mechanically fastened, or adhered in **IKO PU Adhesive** to the roof deck to provide a hard edge as indicated.

Apply sufficient coats of the specified **IKO Primer** to all surfaces to which the air & vapour control layer is to be bonded.

Apply the specified **IKO Air & Vapour Control Layer** to the primed substrate & dressed to link with **IKO Shield PLUS ALU/SA 25m** by 50mm minimum.

Apply specified **IKO enertherm Insulation** to the Air & Vapour Control Layer, to be bonded as per IKO Specification Proposal.

Apply the specified **IKO Primer** and **IKO Shield PLUS ALU/SA 25m** to the surface of the insulation to link with the Air & Vapour Control Layer as indicated. All overlaps and details in the preparation membrane must be fully bonded.

Apply **IKO Roofport** pipe & cable penetration base unit mechanically fixed to the timber stops as per manufacturers recommendations.

Abrade the flange of the unit to provide a key and degrease with **IKO Acetone Cleaner**.

Apply **IKO Liquid Waterproofing** as indicated, installed in strict accordance with IKO Specification and installation guidance.

If specified apply Sealer/UV Coat to cured waterproofing (not indicated on detail) in strict accordance with IKO Specification and installation guidance.

Ensure the detachable lid is fitted to the top of the unit as per the manufacturers recommendations.

NOTES:

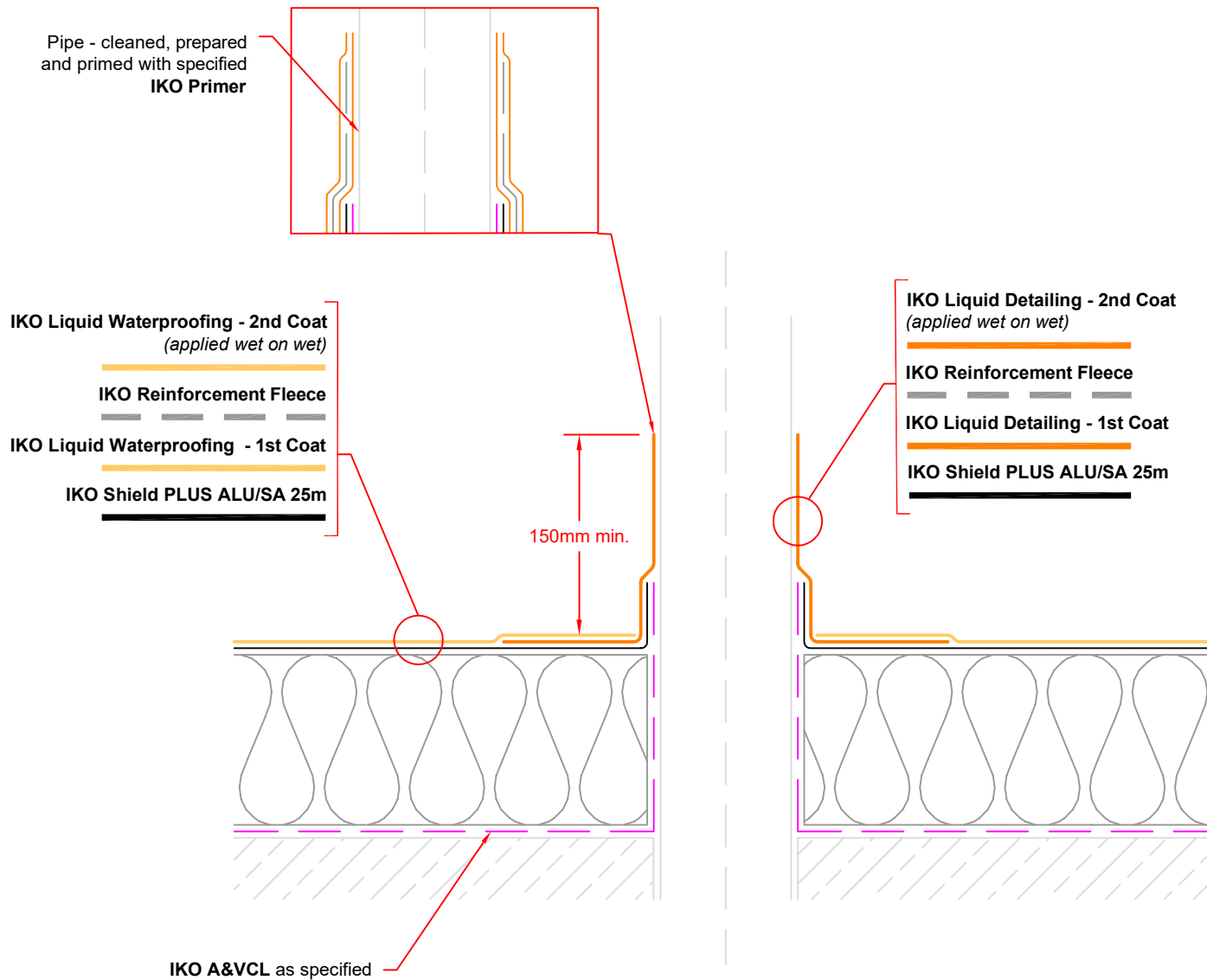
All details to be installed in accordance with BS6229, and IKO recommendations.

All surfaces must be clean, dry, and suitably prepared to accept the waterproofing system.

During the application of all bitumen membranes a visible bead of bitumen must be exuded from all side and end laps.

For application rates of IKO liquid system products refer to the current published technical literature or project specification.

 Email: technical.uk@iko.com	STANDARD DETAIL	DRAWING TITLE: IKO ROOFPORT PIPE PENETRATIONS - Pipe & Cable Entry		Dwg No: F5		This detail is representative of a typical situation and provided for illustration purposes. Where shown insulation thickness may differ in accordance with specifiers U value requirement. To be read in conjunction with the IKO project specification. Refer to specification and product literature for product descriptions and application information. Copyright Reserved - Please note that this drawing & the copyright therein is the property of IKO & is issued on the understanding that the drawing or any detail thereof will not be divulged to a third party unless written permission is first obtained from IKO technical services department. The drawing is valid only when approved by the Architect/ Contractor concerned.
		DATE: March 2024	NOTES/REVISIONS: REV A - October 2024	SCALE: NTS	DRAWN BY: IKO	



PIPE PENETRATIONS - Cold Pipe - Liquid Detail

Extend pipework as necessary to achieve a minimum upstand height of 150mm above finished roof level.

Apply sufficient coats of the specified **IKO Primer** to all surfaces to which the air & vapour control layer is to be bonded.

Apply the specified **IKO Air & Vapour Control Layer** to the primed substrate & dressed to link with **IKO Shield PLUS ALU/SA 25m** by 50mm minimum.

Apply specified **IKO enertherm Insulation** to the Air & Vapour Control Layer, to be bonded as per IKO Specification Proposal.

Apply the specified **IKO Primer** and **IKO Shield PLUS ALU/SA 25m** to the surface of the insulation to link with the Air & Vapour Control Layer as indicated. All overlaps and details in the preparation membrane must be fully bonded.

Clean, prepare and prime the pipe as necessary, to provide a suitable surface to which to apply the detail. Existing metal pipes must be abraded to a bright finish and then primed with specified **IKO Primer**.

Apply **IKO Liquid Waterproofing** as indicated, installed in strict accordance with IKO Specification and installation guidance.

If specified apply Sealer/UV Coat to cured waterproofing (not indicated on detail) in strict accordance with IKO Specification and installation guidance.

NOTES:

All details to be installed in accordance with BS6229, and IKO recommendations.

All surfaces must be clean, dry, and suitably prepared to accept the waterproofing system.

During the application of all bitumen membranes a visible bead of bitumen must be exuded from all side and end laps.

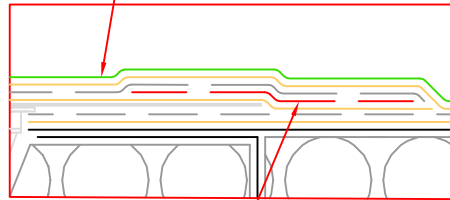
For application rates of IKO liquid system products refer to the current published technical literature or project specification.

 Email: technical.uk@iko.com	STANDARD DETAIL	DRAWING TITLE: PIPE PENETRATIONS - Cold Pipe - Liquid Detail		DWG No: F6		This detail is representative of a typical situation and provided for illustration purposes. Where shown insulation thickness may differ in accordance with specifiers U value requirement. To be read in conjunction with the IKO project specification. Refer to specification and product literature for product descriptions and application information. Copyright Reserved - Please note that this drawing & the copyright therein is the property of IKO & is issued on the understanding that the drawing or any detail thereof will not be divulged to a third party unless written permission is first obtained from IKO technical services department. The drawing is valid only when approved by the Architect/ Contractor concerned.
		DATE: March 2024	NOTES/REVISIONS: N/A	SCALE: NTS	DRAWN BY: IKO	

For use with tanetech R. EC/UV

Dilatation Fleece to Horizontal & Vertical abutments or where movement is likely

UV Sealer Coat
(Applied to cured EC coat)



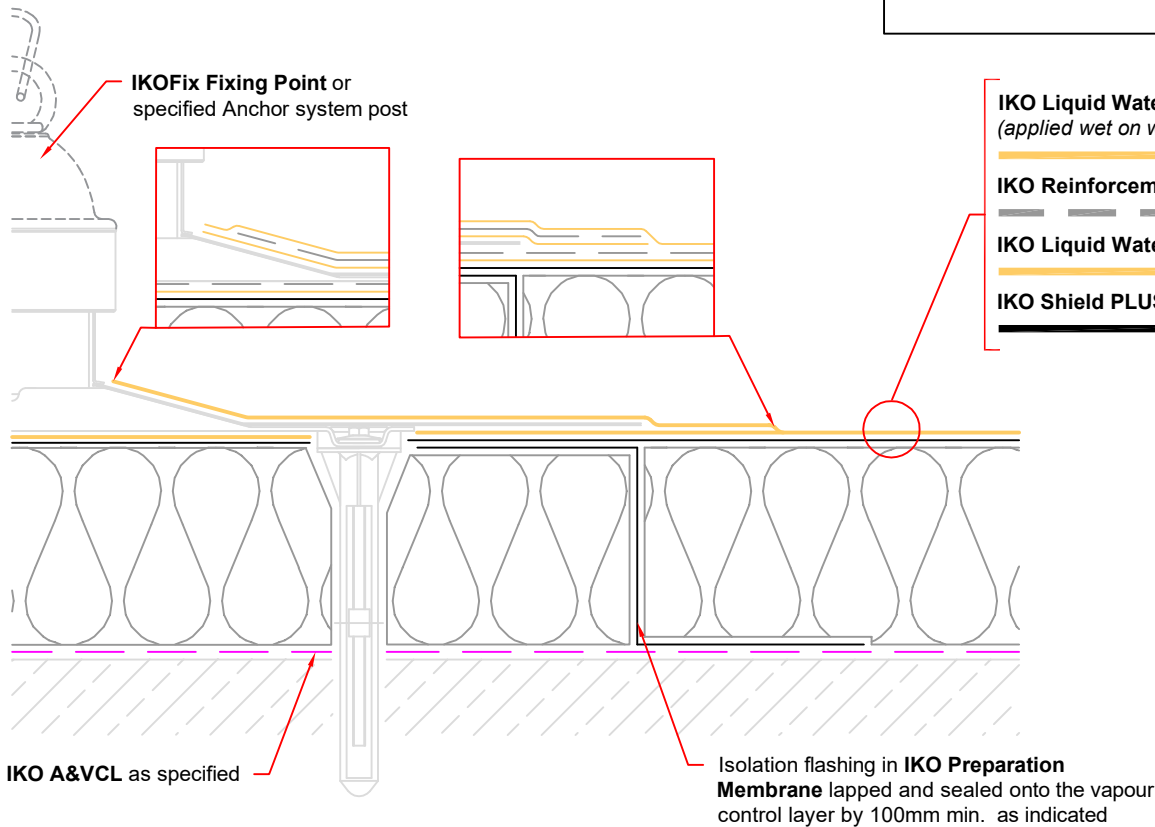
Dilatation Fleece

IKO Liquid Waterproofing - 2nd Coat
(applied wet on wet)

IKO Reinforcement Fleece

IKO Liquid Waterproofing - 1st Coat

IKO Shield PLUS ALU/SA 25m

**IKOFIX FIXING POINT or MANSAFE ANCHOR SYSTEM**

Install specified **IKO Air & Vapour Control Layer, IKO enertherm Insulation, IKO Shield PLUS ALU/SA 25m and IKO Liquid Waterproofing** to the roof area as outlined in the specification. The insulation beneath the base plate must be isolated using specified **IKO Shield PLUS ALU/SA 25m** lapped and sealed onto the air vapour control layer by 100mm min. as indicated.

Install mansafe anchor system base plate through the waterproofing system mechanically fixed to the deck in strict accordance with the manufacturer's instructions, using the correct fixing method.

Prepare and prime the base plate as necessary, powder coated surfaces may need to be lightly abraded to provide a key.

Apply **IKO Liquid Waterproofing** as indicated, installed in strict accordance with IKO Specification and installation guidance.

If specified apply Sealer/UV Coat to cured waterproofing (not indicated on detail) strict accordance with IKO Specification and installation guidance.

NOTES:

Installation and testing of mansafe anchor systems must be carried out by trained and qualified personnel in strict accordance with the manufacturer's installation instructions using the correct fixing methods. Application of the waterproofing detail must be carried out by the IKO Approved Contractor by appropriately trained operatives.

All details to be installed in accordance with BS6229, and IKO recommendations.

All surfaces must be clean, dry, and suitably prepared to accept the waterproofing system.

During the application of all bitumen membranes a visible bead of bitumen must be exuded from all side and end laps.

For application rates of IKO liquid system products refer to the current published technical literature or project specification.



Email: technical.uk@iko.com

STANDARD DETAIL**DRAWING TITLE:**

IKOFIX FIXING POINT or MANSAFE ANCHOR SYSTEM

DATE:

March 2024

NOTES/REVISIONS:

N/A

Dwg No:

F7

SCALE:

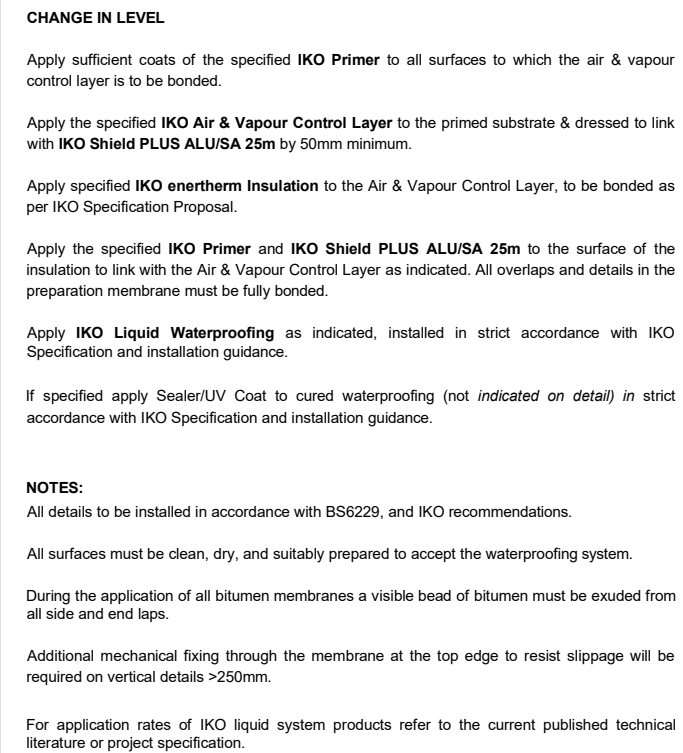
NTS

DRAWN BY:

IKO

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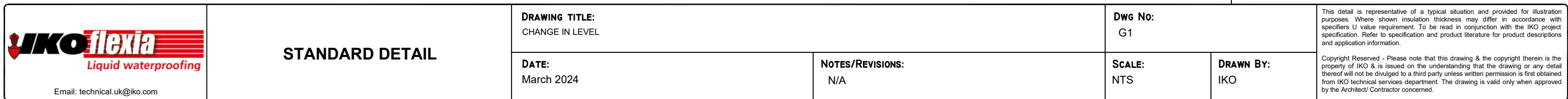
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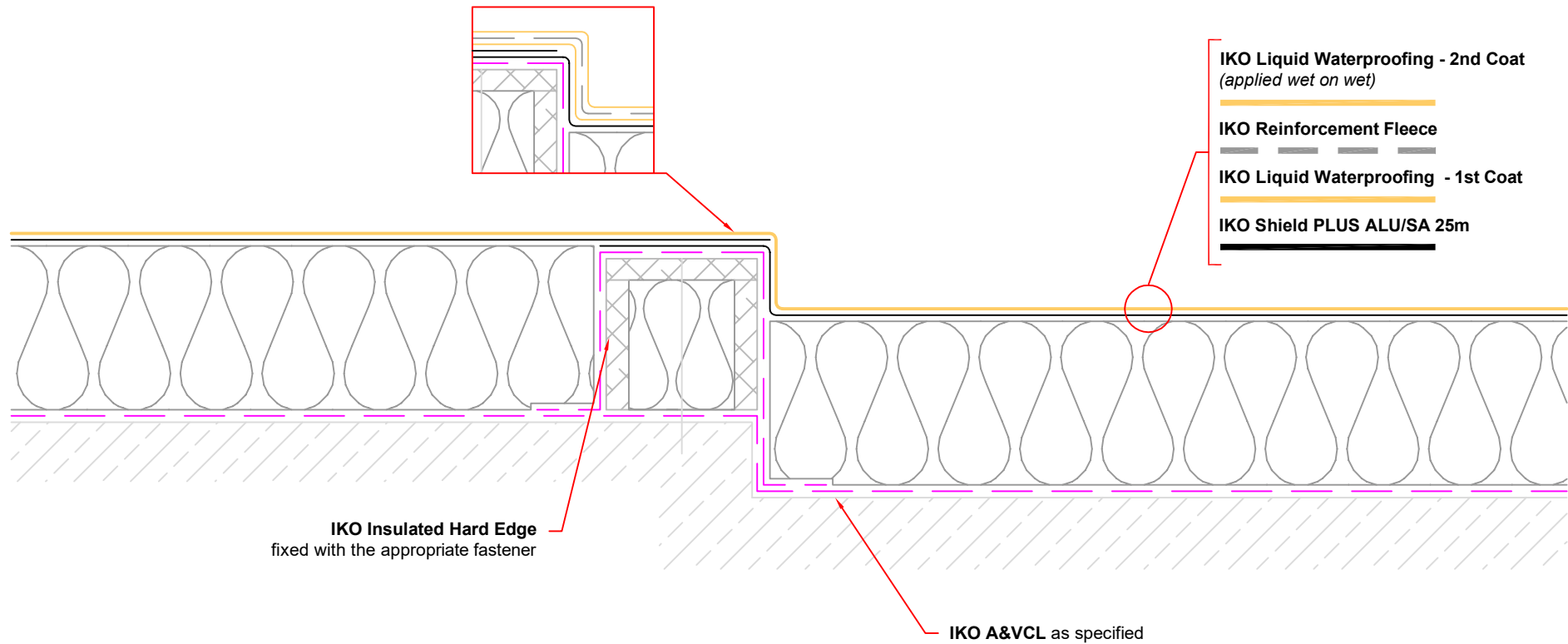


For where site restrictions does not allow the use of insulated hard edges.

Formation of the change in Level does not allow for isolations of the lower area from the upper area, unless day joints are formed.

Drainer boards / Tapered insulation to be used to provide positive falls to the leading edge to prevent the lap build up holding water.





STEP DETAIL

Apply sufficient coats of the specified **IKO Primer** to all surfaces to which the air & vapour control layer is to be bonded.

Apply the specified **IKO Air & Vapour Control Layer** to the primed substrate & dressed to link with **IKO Shield PLUS ALU/SA 25m** by 50mm minimum.

Apply specified **IKO enertherm Insulation** to the Air & Vapour Control Layer, to be bonded as per IKO Specification Proposal.

Apply the specified **IKO Primer** and **IKO Shield PLUS ALU/SA 25m** to the surface of the insulation to link with the Air & Vapour Control Layer as indicated. All overlaps and details in the preparation membrane must be fully bonded.

Apply **IKO Liquid Waterproofing** as indicated, installed in strict accordance with IKO Specification and installation guidance.

If specified apply Sealer/UV Coat to cured waterproofing (not *indicated on detail*) in strict accordance with IKO Specification and installation guidance.

NOTES:

All details to be installed in accordance with BS6229, and IKO recommendations.

All surfaces must be clean, dry, and suitably prepared to accept the waterproofing system.

During the application of all bitumen membranes a visible bead of bitumen must be exuded from all side and end laps.

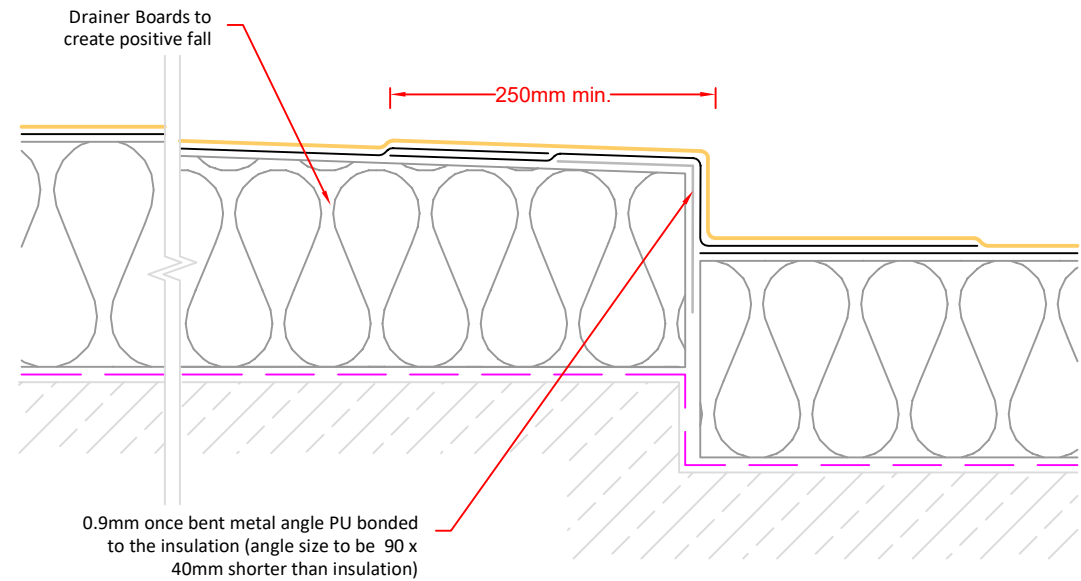
For application rates of IKO liquid system products refer to the current published technical literature or project specification.

Alternative - Insulation Stop

For where site restrictions does not allow the use of insulated hard edges.

Formation of the change in Level does not allow for isolations of the lower area from the upper area, unless day joints are formed.

Drainer boards / Tapered insulation to be used to provide positive falls to the leading edge to prevent the lap build up holding water.



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STANDARD DETAIL

DRAWING TITLE:
STEP DETAIL

DATE:
March 2024

NOTES/REVISIONS:
N/A

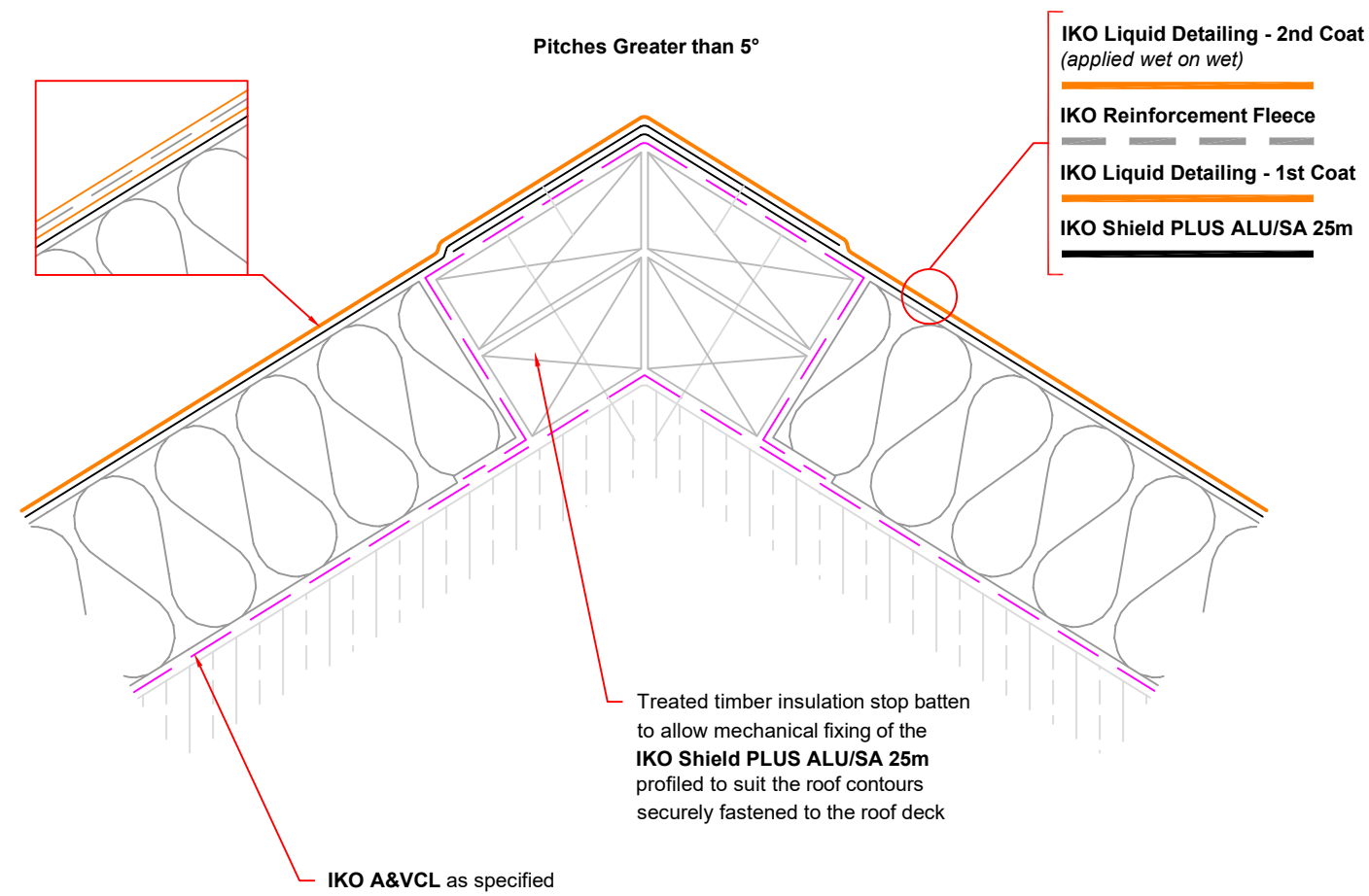
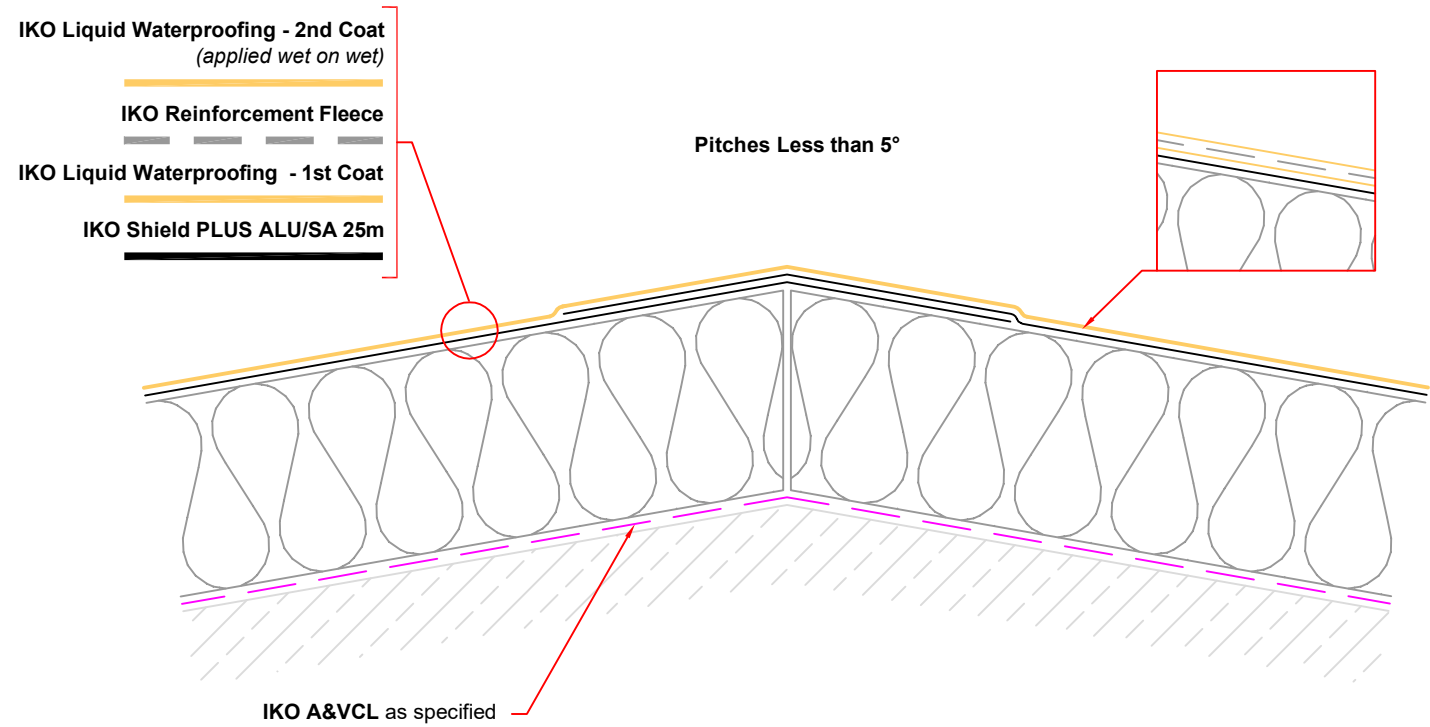
DWG No:
G2

SCALE:
NTS

DRAWN BY:
IKO

This detail is representative of a typical situation and provided for illustration purposes. Where shown insulation thickness may differ in accordance with specifiers U value requirement. To be read in conjunction with the IKO project specification. Refer to specification and product literature for product descriptions and application information.

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RIDGE DETAIL

Apply treated timber stop batten (minimum 100mm x 10mm thinner than insulation thickness) profiled to suit the roof contours mechanically fixed to the roof deck to either sides of the ridge.

Apply sufficient coats of the specified **IKO Primer** to all surfaces to which the air & vapour control layer is to be bonded.

Apply the specified **IKO Air & Vapour Control Layer** to the primed substrate & dressed to link with **IKO Shield PLUS ALU/SA 25m** by 50mm minimum.

Apply specified **IKO enertherm Insulation** to the Air & Vapour Control Layer, to be bonded as per IKO Specification Proposal.

Apply the specified **IKO Primer** and **IKO Shield PLUS ALU/SA 25m** to the surface of the insulation to link with the Air & Vapour Control Layer as indicated. All overlaps and details in the preparation membrane must be fully bonded.

Provide mechanical attachment of the specified **IKO Shield PLUS ALU/SA 25m** at the ridge through to the provide timber stop batten as indicated. Where the roof slopes at 5° or more additional insulation stops for anchoring the specified **IKO Shield PLUS ALU/SA 25m** against slippage may be required, at intervals according to slope - see specification.

Apply **IKO Liquid Waterproofing** as indicated, installed in strict accordance with IKO Specification and installation guidance.

If specified apply Sealer/UV Coat to cured waterproofing (not *indicated on detail*) in strict accordance with IKO Specification and installation guidance.

NOTES:

All details to be installed in accordance with BS6229, and IKO recommendations.

All surfaces must be clean, dry, and suitably prepared to accept the waterproofing system.

During the application of all bitumen membranes a visible bead of bitumen must be exuded from all side and end laps.

For application rates of IKO liquid system products refer to the current published technical literature or project specification.



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STANDARD DETAIL

DRAWING TITLE:
RIDGE DETAIL

DATE:
March 2024

NOTES/REVISIONS:
N/A

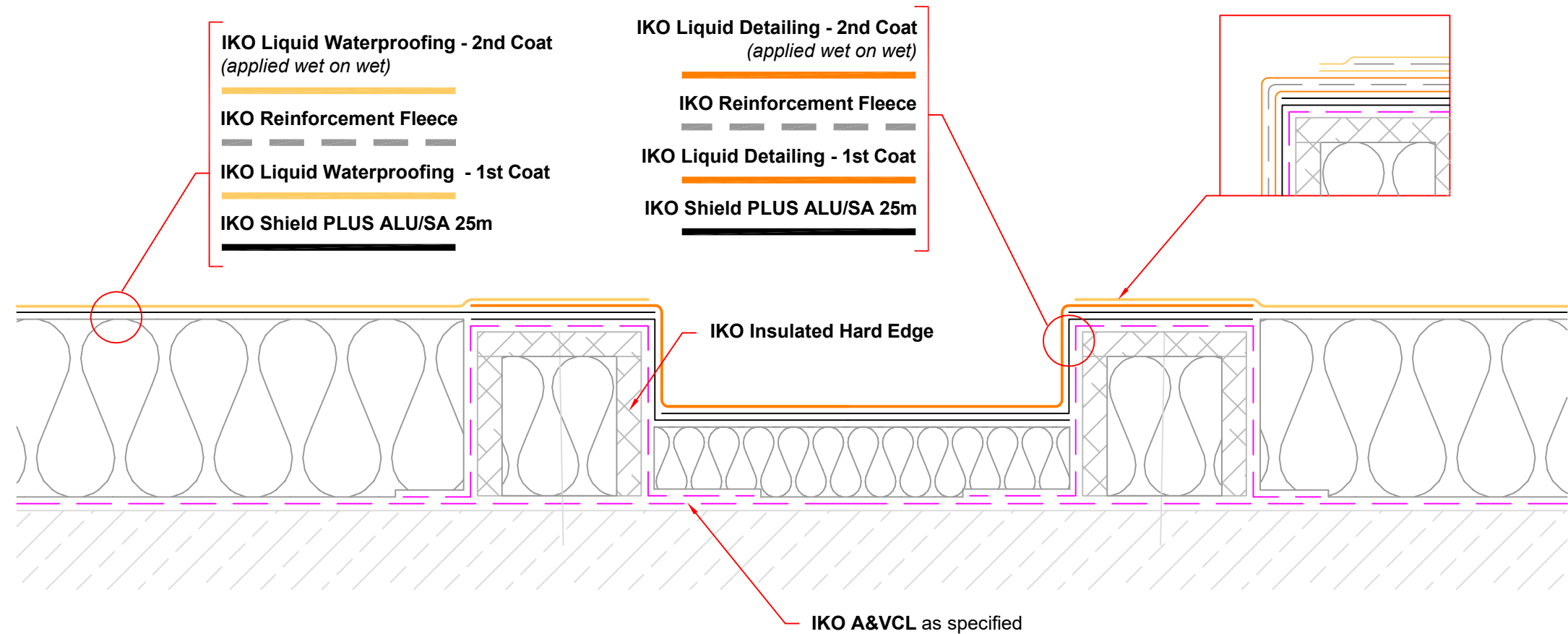
DWG No:
G3

SCALE:
NTS

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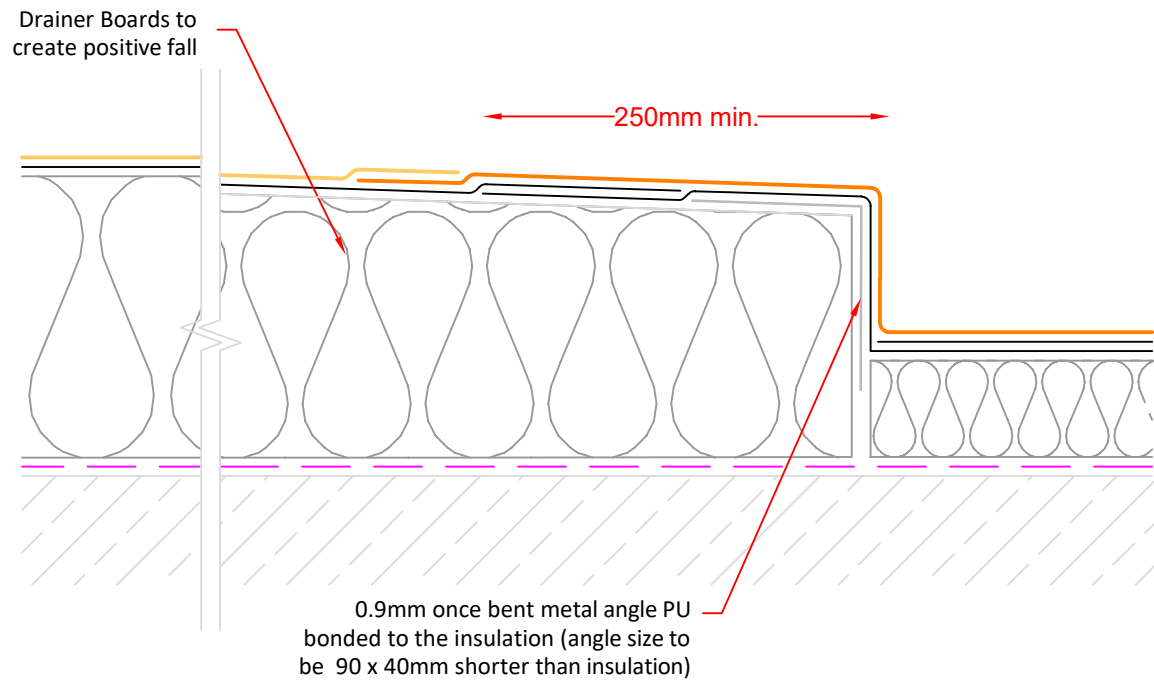


Alternative - Insulation Stop

For where site restrictions does not allow the use of insulated hard edges.

Formation of the change in Level does not allow for isolations of the gutter from the main roof area, unless day joints are formed.

Drainer boards / Tapered insulation to be used to provide positive falls to the leading edge to prevent the lap build up holding water.



INTERNAL GUTTER - Gutter within Insulation

Apply sufficient coats of the specified **IKO Primer** to all surfaces to which the air & vapour control layer is to be bonded.

Apply the specified **IKO Air & Vapour Control Layer** to the primed substrate.

Apply specified **IKO enertherm Insulation** to the Air & Vapour Control Layer, to be bonded as per IKO Specification Proposal.

Apply the specified **IKO Primer** and **IKO Shield PLUS ALU/SA 25m** as indicated. All overlaps and details in the preparation membrane must be fully bonded.

Apply **IKO Liquid Waterproofing** as indicated, installed in strict accordance with IKO Specification and installation guidance.

If specified apply Sealer/UV Coat to cured waterproofing (not *indicated on detail*) in strict accordance with IKO Specification and installation guidance.

NOTES:

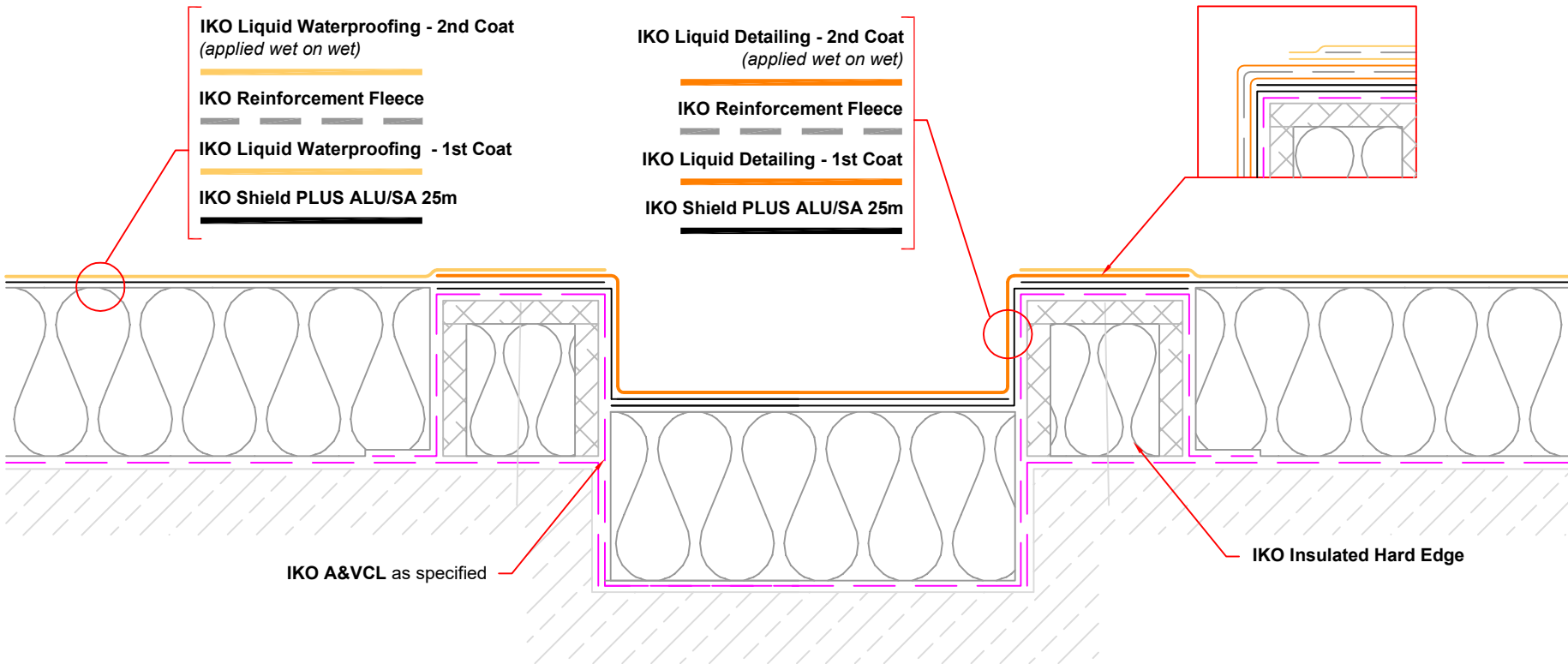
All details to be installed in accordance with BS6229, and IKO recommendations.

All surfaces must be clean, dry, and suitably prepared to accept the waterproofing system.

During the application of all bitumen membranes a visible bead of bitumen must be exuded from all side and end laps.

For application rates of IKO liquid system products refer to the current published technical literature or project specification.

 Email: technical.uk@iko.com	STANDARD DETAIL	DRAWING TITLE: INTERNAL GUTTER - Gutter within Insulation		DWG No: G4		This detail is provided for illustration purposes. Where shown insulation thickness may differ in accordance with specifiers U value requirement. To be read in conjunction with the IKO project specification. Refer to specification and product literature for product descriptions and application information. Copyright Reserved - Please note that this drawing & the copyright therein is the property of IKO & is issued on the understanding that the drawing or any detail thereof will not be divulged to a third party unless written permission is first obtained from IKO technical services department. The drawing is valid only when approved by the Architect/ Contractor concerned.
		DATE: March 2024	NOTES/REVISIONS: N/A	SCALE: NTS	DRAWN BY: IKO	



INTERNAL GUTTER - Gutter within Deck

Apply **IKO INSULATED HARD EDGE** or treated timber stop battens throughout the full length to the top edges of the gutter (100mm wide & 10mm thinner than the insulation, so as to prevent lap build up) mechanically fixed, or adhered in **IKO PU Adhesive** to the roof deck, to provide a hard edge to all gutter steps.

Apply sufficient coats of the specified **IKO Primer** to all surfaces to which the air & vapour control layer is to be bonded.

Apply the specified **IKO Air & Vapour Control Layer** to the primed substrate & dressed to link with **IKO Shield PLUS ALU/SA 25m** by 50mm minimum.

Apply specified **IKO enertherm Insulation** to the Air & Vapour Control Layer, to be bonded as per IKO Specification Proposal.

Apply the specified **IKO Primer** and **IKO Shield PLUS ALU/SA 25m** to the surface of the insulation to link with the Air & Vapour Control Layer as indicated. All overlaps and details in the preparation membrane must be fully bonded.

Prime existing surfaces with the specified **IKO Primer** as necessary.

Apply **IKO Liquid Waterproofing** as indicated, installed in strict accordance with IKO Specification and installation guidance.

If specified apply Sealer/UV Coat to cured waterproofing (not *indicated on detail*) in strict accordance with IKO Specification and installation guidance.

NOTES:

All details to be installed in accordance with BS6229, and IKO recommendations.

All surfaces must be clean, dry, and suitably prepared to accept the waterproofing system.

During the application of all bitumen membranes a visible bead of bitumen must be exuded from all side and end laps.

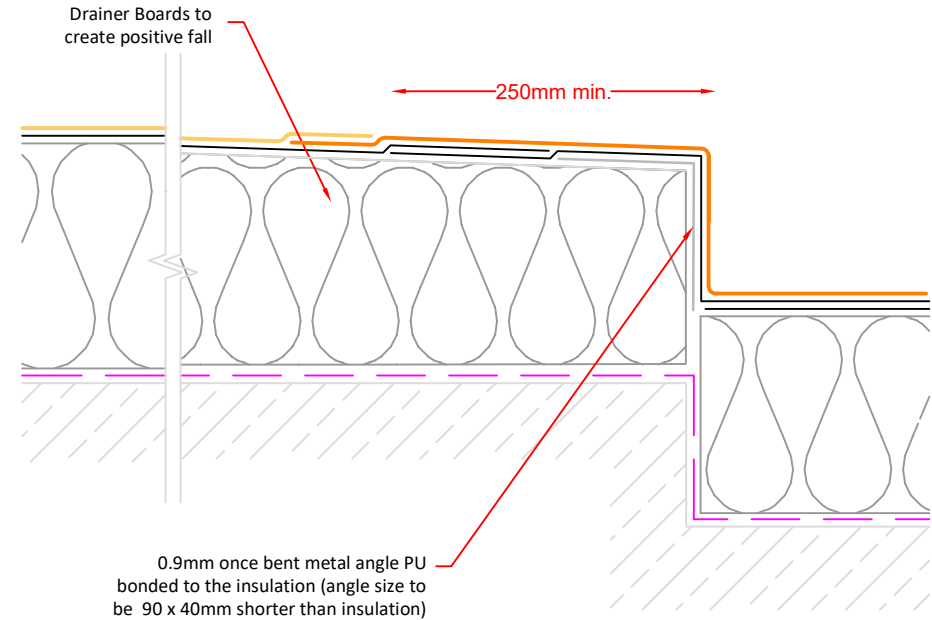
For application rates of IKO liquid system products refer to the current published technical literature or project specification.

Alternative - Insulation Stop

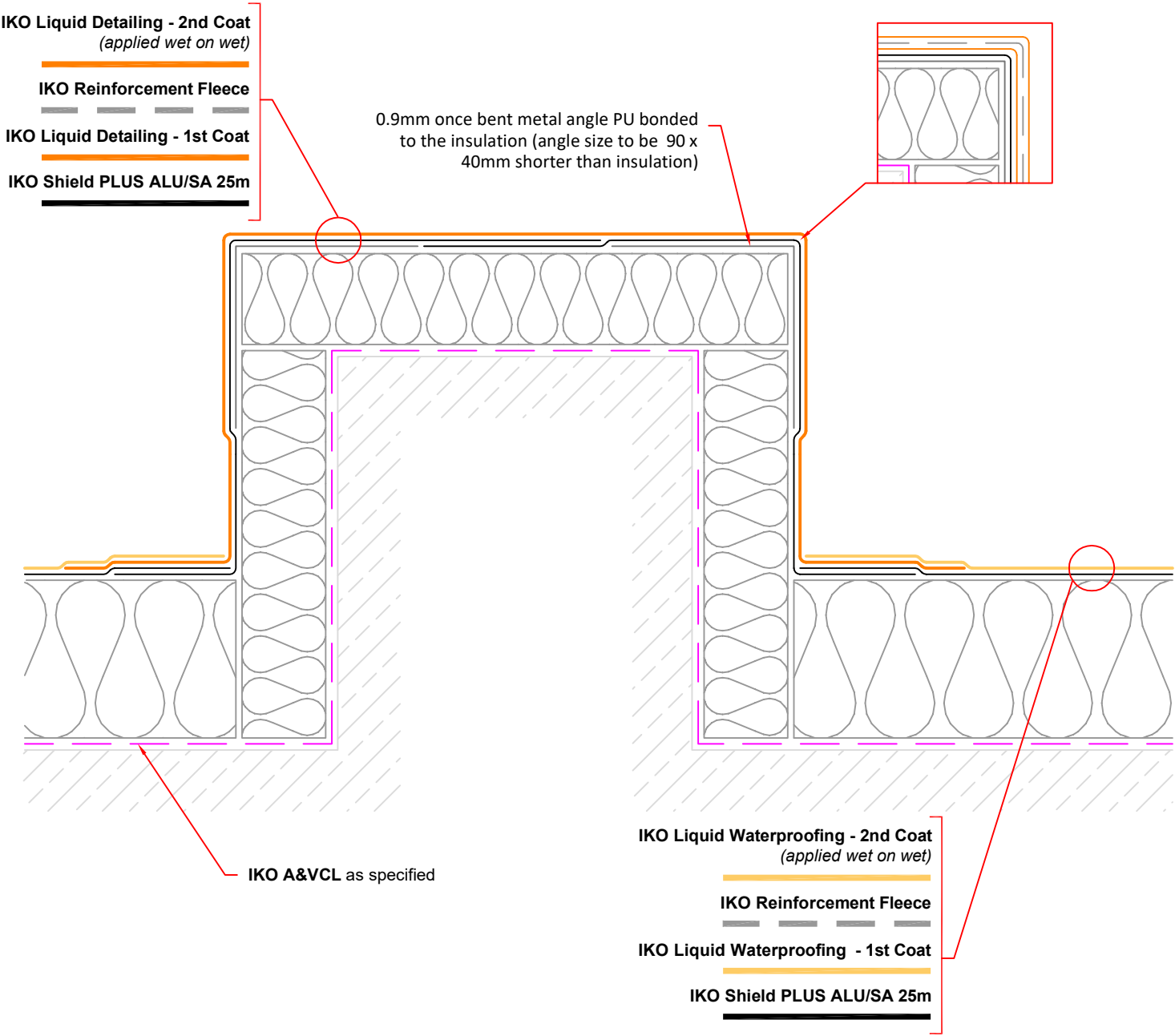
For where site restrictions does not allow the use of insulated hard edges.

Formation of the change in Level does not allow for isolations of the gutter from the main roof area, unless day joints are formed.

Drainer boards / Tapered insulation to be used to provide positive falls to the leading edge to prevent the lap build up holding water.



 Email: technical.uk@iko.com	STANDARD DETAIL	DRAWING TITLE: INTERNAL GUTTER - Gutter within Deck		Dwg No: G5		This detail is provided for illustration purposes. Where shown insulation thickness may differ in accordance with specifiers U value requirement. To be read in conjunction with the IKO project specification. Refer to specification and product literature for product descriptions and application information. Copyright Reserved - Please note that this drawing & the copyright therein is the property of IKO & is issued on the understanding that the drawing or any detail thereof will not be divulged to a third party unless written permission is first obtained from IKO technical services department. The drawing is valid only when approved by the Architect/ Contractor concerned.
		DATE: March 2024	NOTES/REVISIONS: N/A	SCALE: NTS	DRAWN BY: IKO	



PLINTH DETAIL - Warm

Remove any existing plant & machinery to allow necessary roofing works. Reinstall plant upon completion of the roofing works as necessary.

Inspect & carry out any necessary maintenance work to the plinth (maintenance to concrete should be carried out by a specialist contractor).

Apply sufficient coats of the specified **IKO Primer** to all surfaces to which the air & vapour control layer is to be bonded.

Apply the specified **IKO Air & Vapour Control Layer** to the primed substrate.

Apply specified **IKO enertherm Insulation** to the Air & Vapour Control Layer, to be bonded as per IKO Specification Proposal.

Apply galvanised metal angles minimum 150mm x 150mm, bonded in 2 Part PU Adhesive to protect the exposed corners of the insulation.

Apply the specified **IKO Primer** and **IKO Shield PLUS ALU/SA 25m** to the surface of the insulation to link with the Air & Vapour Control Layer as indicated. All overlaps and details in the preparation membrane must be fully bonded

Apply **IKO Liquid Waterproofing** as indicated, installed in strict accordance with IKO Specification and installation guidance.

If specified apply Sealer/UV Coat to cured waterproofing (not *indicated on detail*) in strict accordance with IKO Specification and installation guidance.

NOTES:

All details to be installed in accordance with BS6229, and IKO recommendations.

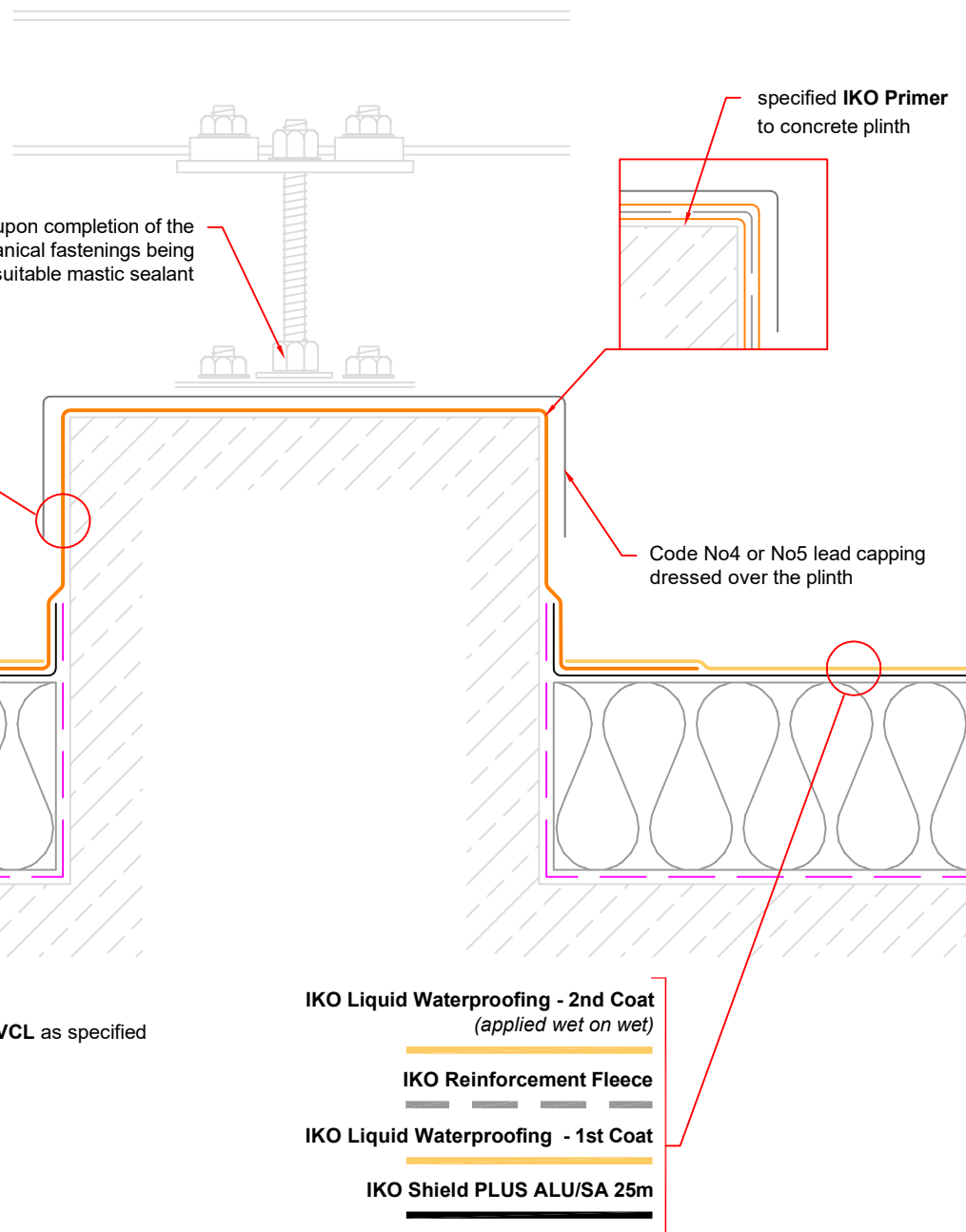
All surfaces must be clean, dry, and suitably prepared to accept the waterproofing system.

During the application of all bitumen membranes a visible bead of bitumen must be exuded from all side and end laps.

Additional mechanical fixing through the membrane at the top edge to resist slippage will be required on vertical details >250mm.

For application rates of IKO liquid system products refer to the current published technical literature or project specification.

 Email: technical.uk@iko.com	STANDARD DETAIL	DRAWING TITLE: PLINTH DETAIL - Warm		DWG No: H1		This detail is representative of a typical situation and provided for illustration purposes. Where shown insulation thickness may differ in accordance with specifiers U value requirement. To be read in conjunction with the IKO project specification. Refer to specification and product literature for product descriptions and application information. Copyright Reserved - Please note that this drawing & the copyright therein is the property of IKO & is issued on the understanding that the drawing or any detail thereof will not be divulged to a third party unless written permission is first obtained from IKO technical services department. The drawing is valid only when approved by the Architect/ Contractor concerned.
		DATE: March 2024	NOTES/REVISIONS: REV A - Jan 2022	SCALE: NTS	DRAWN BY: IKO	



PLINTH DETAIL - Cold (Plant Support)

Remove any existing plant & machinery to allow necessary roofing works. Reinstall plant upon completion of the roofing works as necessary.

Inspect & carry out any necessary maintenance work to the plinth (maintenance to concrete should be carried out by a specialist contractor).

Apply sufficient coats of the specified **IKO Primer** to all surfaces to which the air & vapour control layer is to be bonded.

Apply the specified **IKO Air & Vapour Control Layer** to the primed substrate & dressed to link with **IKO Shield PLUS ALU/SA 25m** by 50mm minimum.

Apply specified **IKO enertherm Insulation** to the Air & Vapour Control Layer, to be bonded as per IKO Specification Proposal.

Apply the specified **IKO Primer** and **IKO Shield PLUS ALU/SA 25m** to the surface of the insulation to link with the Air & Vapour Control Layer as indicated. All overlaps and details in the preparation membrane must be fully bonded.

Prime existing surfaces with the specified **IKO Primer** as necessary.

Apply **IKO Liquid Waterproofing** as indicated, installed in strict accordance with IKO Specification and installation guidance.

If specified apply Sealer/UV Coat to cured waterproofing (not indicated on detail) in strict accordance with IKO Specification and installation guidance.

Fix Code 4 lead flashing over the plinth, prior to application of plant. Fixings should be weathered using suitable mastic sealant.

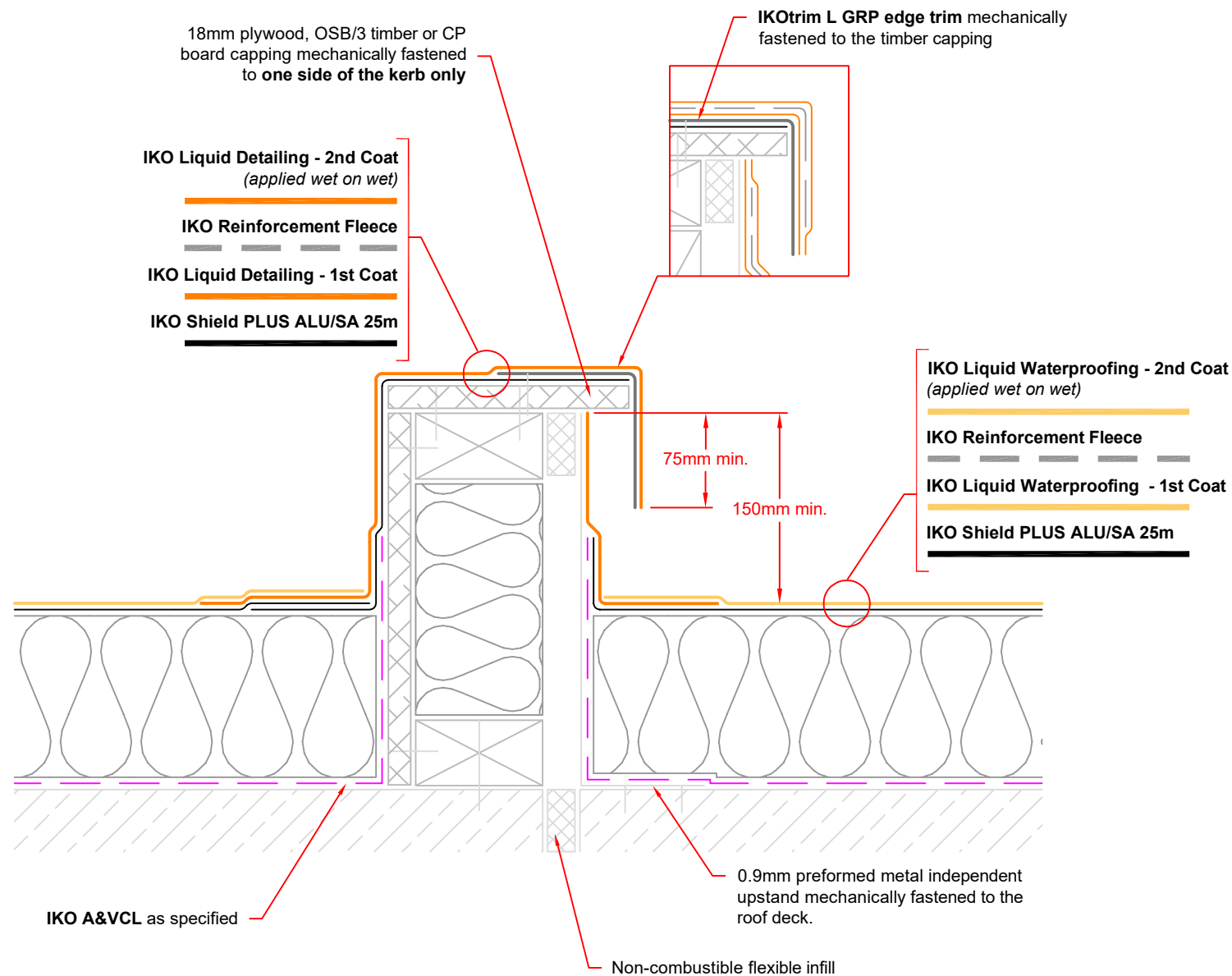
NOTES:

All details to be installed in accordance with BS6229, and IKO recommendations.

All surfaces must be clean, dry, and suitably prepared to accept the waterproofing system.

During the application of all bitumen membranes a visible bead of bitumen must be exuded from all side and end laps.

For application rates of IKO liquid system products refer to the current published technical literature or project specification.



EXPANSION KERB - Metal Upstand

Remove the existing capping & all associated components as necessary.

Inspect & carry out any necessary maintenance work to any existing kerbs.

Provide or raise the upstand kerb as necessary with timber sections of appropriate dimensions to achieve a minimum 150mm upstand height from the finished roof level as indicated.

To the other side of the expansion detail, apply a 0.9mm preformed metal independent upstand which should extend a minimum 150mm above the finished roof level, mechanically fastened the structural roof deck as indicated.

The expansion gap between the upstand kerb and preformed metal upstand should be filled with a compressible sealant.

Apply an 18mm Plywood or OSB/3 timber capping or CP board, securely fastened to the upstand kerb and extending over the edge of the preformed metal upstand to allow for the application of an **IKOTRIM L** edge trim.

Apply sufficient coats of the specified **IKO Primer** to all surfaces to which the air & vapour control layer is to be bonded.

Apply specified **IKO enertherm Insulation** to the Air & Vapour Control Layer, to be bonded as per IKO Specification Proposal.

Apply the specified **IKO Primer** and **IKO Shield PLUS ALU/SA 25m** to the surface of the insulation to link with the Air & Vapour Control Layer as indicated. All overlaps and details in the preparation membrane must be fully bonded.

Abrade the preformed metal upstand to provide a key and degrease with **IKO Acetone Cleaner**.

Apply **IKOTRIM L** edge trim, mechanically fastened to the timber capping at maximum 300mm staggered centres (150mm maximum for areas of high wind uplift). Abrade the edge trim to provide a key and clean with **IKO Acetone Cleaner**. Expansion gaps between the lengths of edge trim must be taped with **IKOpro BRIDGING TAPE**.

Prime existing metal surfaces with the specified **IKO Primer** as necessary.

Apply **IKO Liquid Waterproofing** as indicated, installed in strict accordance with IKO Specification and installation guidance

If specified apply Sealer/UV Coat to cured waterproofing (not indicated on detail) in strict accordance with IKO Specification and installation guidance.

NOTES:

All details to be installed in accordance with BS6229, and IKO recommendations.

All surfaces must be clean, dry, and suitably prepared to accept the waterproofing system

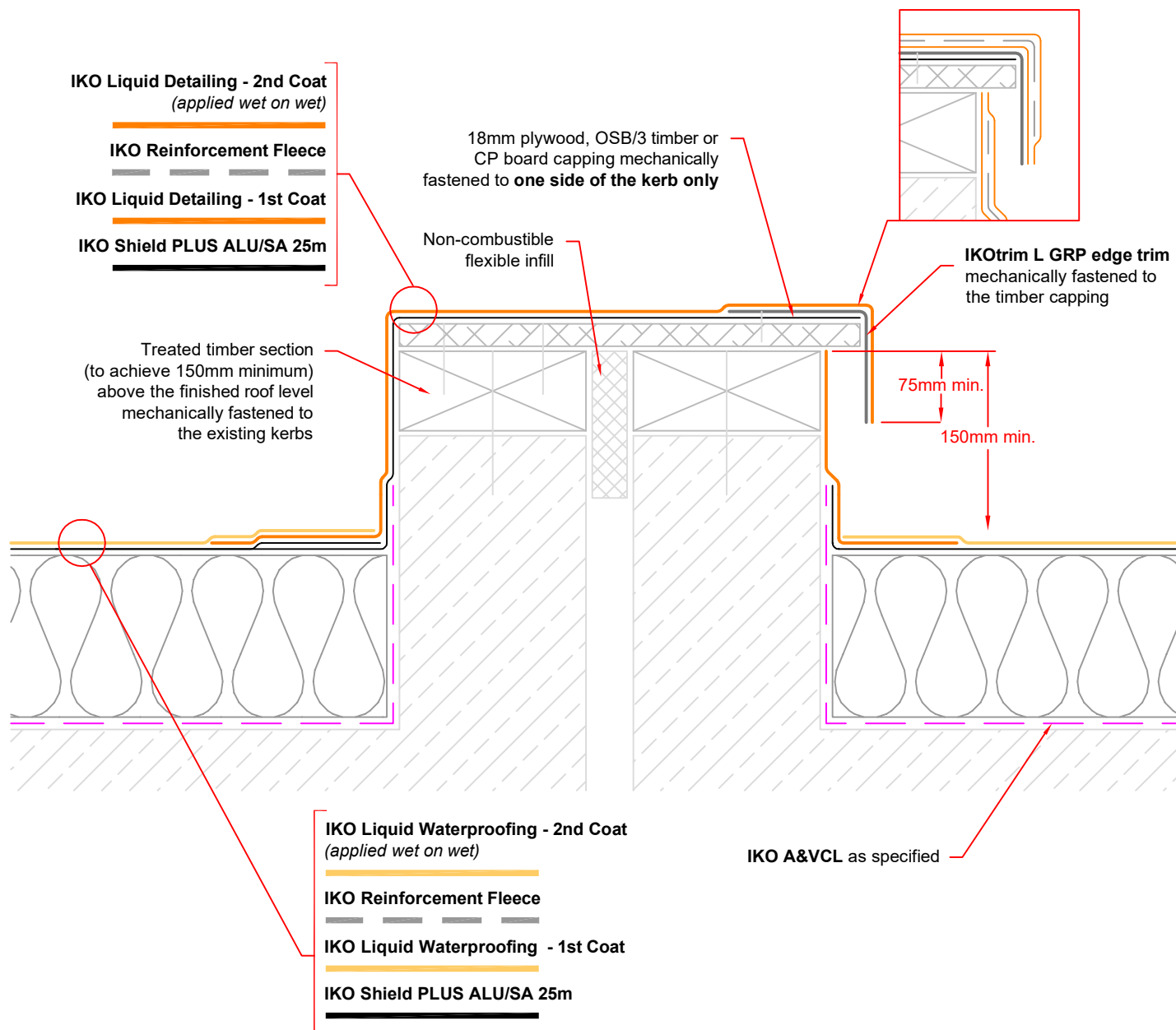
Cement Particle (CP) Boards to be used inline with SPRA, LRWA & NFRC Guidance.

During the application of all bitumen membranes a visible bead of bitumen must be exuded from all side and end laps.

For application rates of IKO liquid system products refer to the current published technical literature or project specification.

Note: Detail to illustrate lapping & waterproofing arrangements in relation to IKO specified roofing system. The client / contractor is to confirm with relevant parties any limitations or restrictions of application in relation to Building Regulations Approved Document B prior to works.

 Email: technical.uk@iko.com	STANDARD DETAIL	DRAWING TITLE: EXPANSION KERB - Metal Upstand		DWG No: J1		This detail is representative of a typical situation and provided for illustration purposes. Where shown insulation thickness may differ in accordance with specifiers U value requirement. To be read in conjunction with the IKO project specification. Refer to specification and product literature for product descriptions and application information. Copyright Reserved - Please note that this drawing & the copyright therein is the property of IKO & is issued on the understanding that the drawing or any detail thereof will not be divulged to a third party unless written permission is first obtained from IKO technical services department. The drawing is valid only when approved by the Architect/ Contractor concerned.
		DATE: March 2024	NOTES/REVISIONS: N/A	SCALE: NTS	DRAWN BY: IKO	



Note: Detail to illustrate lapping & waterproofing arrangements in relation to IKO specified roofing system. The client / contractor is to confirm with relevant parties any limitations or restrictions of application in relation to Building Regulations Approved Document B prior to works.

EXPANSION KERB - Built Kerbs

Remove the existing capping & all associated components as necessary.

Inspect & carry out any necessary maintenance work to any existing kerbs.

Provide or raise the upstand kerbs as necessary with timber sections of appropriate dimensions to achieve a minimum 150mm upstand height from the finished roof level as indicated.

The expansion gap between the upstand kerbs should be filled with a compressible sealant.

Apply an 18mm Plywood, OSB/3 timber or CP board capping, securely fastened to one of the kerbs only extending over the other kerb to allow for the application of an **IKOTRIM L** edge trim.

Apply sufficient coats of the specified **IKO Primer** to all surfaces to which the air & vapour control layer is to be bonded.

Apply the specified **IKO Air & Vapour Control Layer** to the primed substrate & dressed to link with **IKO Shield PLUS ALU/SA 25m** by 50mm minimum.

Apply specified **IKO enertherm Insulation** to the Air & Vapour Control Layer, to be bonded as per IKO Specification Proposal.

Apply the specified **IKO Primer** and **IKO Shield PLUS ALU/SA 25m** to the surface of the insulation to link with the Air & Vapour Control Layer as indicated. All overlaps and details in the preparation membrane must be fully bonded.

Apply **IKOTRIM L** edge trim, mechanically fastened to the timber capping at maximum 300mm staggered centres (150mm maximum for areas of high wind uplift). Abrade the edge trim to provide a key and clean with **IKO Acetone Cleaner**. Expansion gaps between the lengths of edge trim must be taped with **IKOpro BRIDGING TAPE**.

Apply **IKO Liquid Waterproofing** as indicated, installed in strict accordance with IKO Specification and installation guidance.

If specified apply Sealer/UV Coat to cured waterproofing (not indicated on detail) in strict accordance with IKO Specification and installation guidance.

NOTES:

All details to be installed in accordance with BS6229, and IKO recommendations.

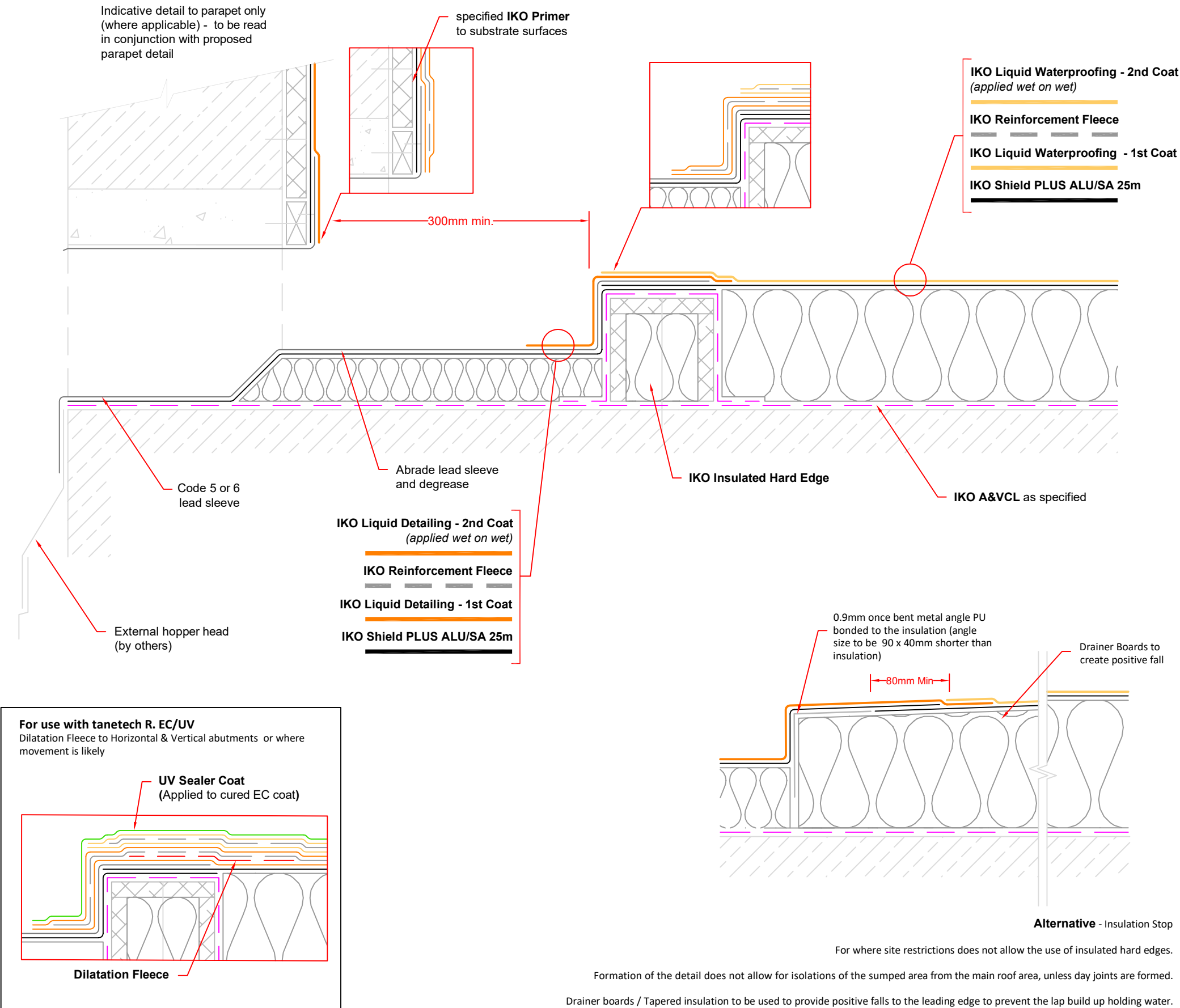
All surfaces must be clean, dry, and suitably prepared to accept the waterproofing system.

Cement Particle (CP) Boards to be used inline with SPRA, LRWA & NFRC Guidance.

During the application of all bitumen membranes a visible bead of bitumen must be exuded from all side and end laps.

For application rates of IKO liquid system products refer to the current published technical literature or project specification.

 Email: technical.uk@iko.com	STANDARD DETAIL	DRAWING TITLE: EXPANSION KERB - Built Kerbs		Dwg No: J2		This detail is representative of a typical situation and provided for illustration purposes. Where shown insulation thickness may differ in accordance with specifiers U value requirement. To be read in conjunction with the IKO project specification. Refer to specification and product literature for product descriptions and application information. Copyright Reserved - Please note that this drawing & the copyright therein is the property of IKO & is issued on the understanding that the drawing or any detail thereof will not be divulged to a third party unless written permission is first obtained from IKO technical services department. The drawing is valid only when approved by the Architect/ Contractor concerned.
		DATE: March 2024	NOTES/REVISIONS: N/A	SCALE: NTS	DRAWN BY: IKO	



DRAINAGE CHUTE

Inspect & carry out any maintenance work as necessary & thoroughly clean all surfaces. Enlarge openings as necessary to ensure the opening is not restricted by the application of the new waterproofing system and insulation. It maybe necessary to box out the base and/or cheeks of the drainage chute opening with suitable 18mm OSB/3 , plywood or CP board. Any cavity or cavity tray must be closed off or redirected as required.

Apply **IKO INSULATED HARD EDGE** or treated timber stop batten (100mm wide & 10mm thinner than the insulation, so as to prevent lap build up) to create a minimum 300mm sump around the drainage chute mechanically fastened, or adhered in **IKO PU Adhesive** to the roof deck.

Apply sufficient coats of the specified **IKO Primer** to all surfaces to which the air & vapour control layer is to be bonded.

Apply the specified **IKO Air & Vapour Control Layer** to the primed substrate & dressed to link with **IKO Shield PLUS ALU/SA 25m** by 50mm minimum.

Apply specified **IKO enertherm Insulation** to the Air & Vapour Control Layer, to be bonded as per IKO Specification Proposal.

Apply the specified **IKO Primer** and **IKO Shield PLUS ALU/SA 25m** to the surface of the insulation to link with the Air & Vapour Control Layer as indicated. All overlaps and details in the preparation membrane must be fully bonded.

Apply a Code 5 or 6 lead sleeve through the parapet/kerb. Lead sleeves are to be installed & detailed in accordance with the Lead Sheet Association recommendations.

Abrade the flange of the new lead sleeve to which the waterproofing system is to be bonded to provide a key and degrease with **IKO Acetone Cleaner**.

Apply **IKO Liquid Waterproofing** as indicated, installed in strict accordance with IKO Specification and installation guidance.

If specified apply Sealer/UV Coat to cured waterproofing (not *indicated on detail*) in strict accordance with IKO Specification and installation guidance.

NOTES:

All details to be installed in accordance with BS6229, and IKO recommendations.

All surfaces must be clean, dry, and suitably prepared to accept the waterproofing system.

Cement Particle (CP) Boards to be used inline with SPRA, LRWA & NFRC Guidance.

During the application of all bitumen membranes a visible bead of bitumen must be exuded from all side and end laps.

For application rates of IKO liquid system products refer to the current published technical literature or project specification.



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STANDARD DETAIL

DRAWING TITLE:
DRAINAGE CHUTE

DATE:
March 2024

NOTES/REVISIONS:
N/A

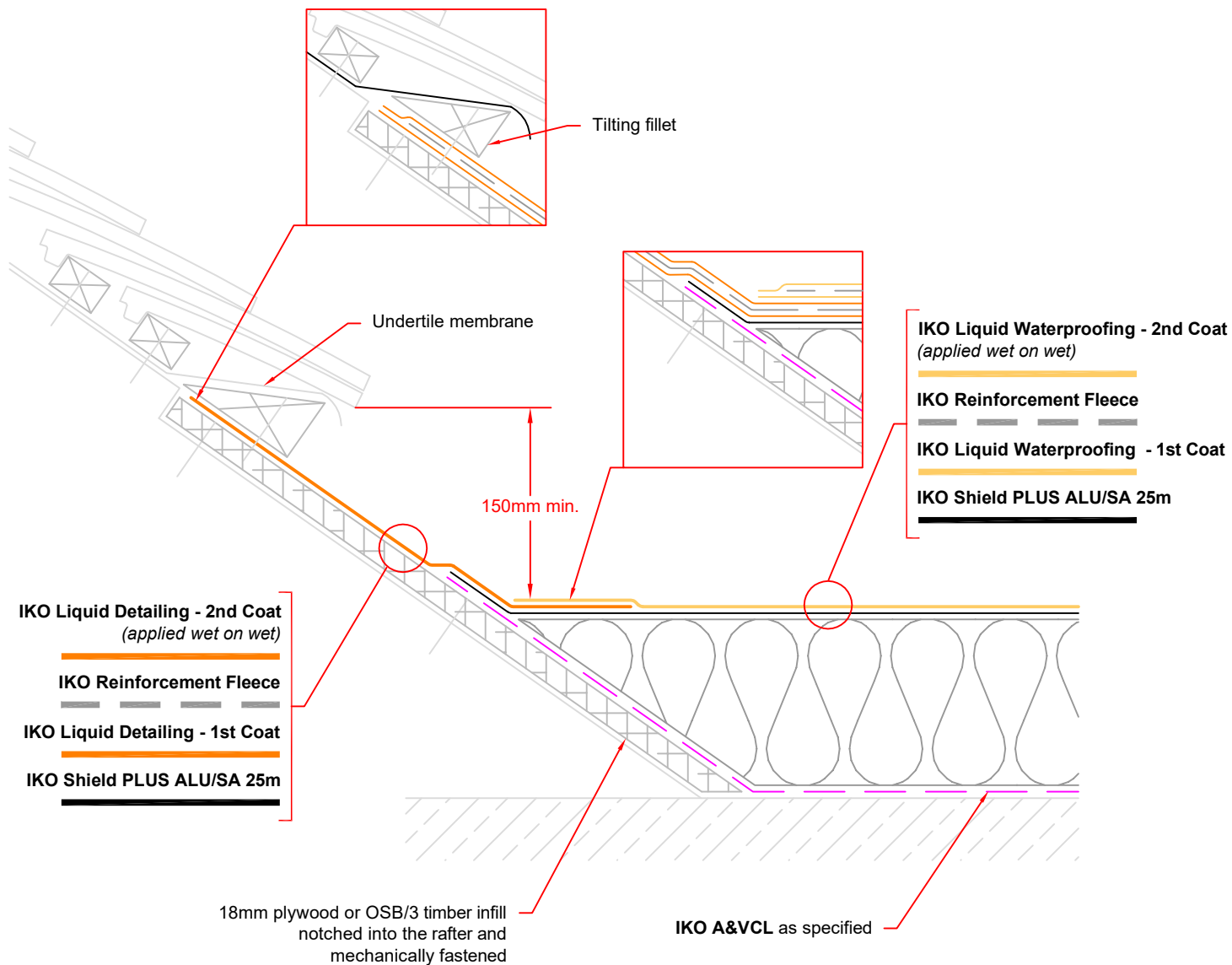
Dwg No:
K1

SCALE:
NTS

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PITCHED ROOF ABUTMENT

Remove sufficient rows of tiles/slates and battens and turn back the undertile membrane.

Apply an 18mm Plywood or OSB/3 timber infill to the bottom of the pitched roof, notched into & mechanically fastened to the rafters of sufficient dimensions to achieve a minimum 150mm vertical height waterproofing upstand above the finished roof level.

Apply sufficient coats of the specified **IKO Primer** to all surfaces to which the air & vapour control layer is to be bonded.

Apply the specified **IKO Air & Vapour Control Layer** to the primed substrate & dressed to link with **IKO Shield PLUS ALU/SA 25m** by 50mm minimum.

Apply specified **IKO enertherm Insulation** to the Air & Vapour Control Layer, to be bonded as per IKO Specification Proposal.

Apply the specified **IKO Primer** and **IKO Shield PLUS ALU/SA 25m** to the surface of the insulation to link with the Air & Vapour Control Layer as indicated. All overlaps and details in the preparation membrane must be fully bonded.

Apply **IKO Liquid Waterproofing** as indicated, installed in strict accordance with IKO Specification and installation guidance.

If specified apply Sealer/UV Coat to cured waterproofing (not indicated on detail) in strict accordance with IKO Specification and installation guidance.

On completion of the detailing works provide a tilting fillet beneath the bottom tile as indicated and re-dress the undertile membrane and re-fix tiling battens and tiles/slates. to provide 75mm minimum cover to the new waterproofing.

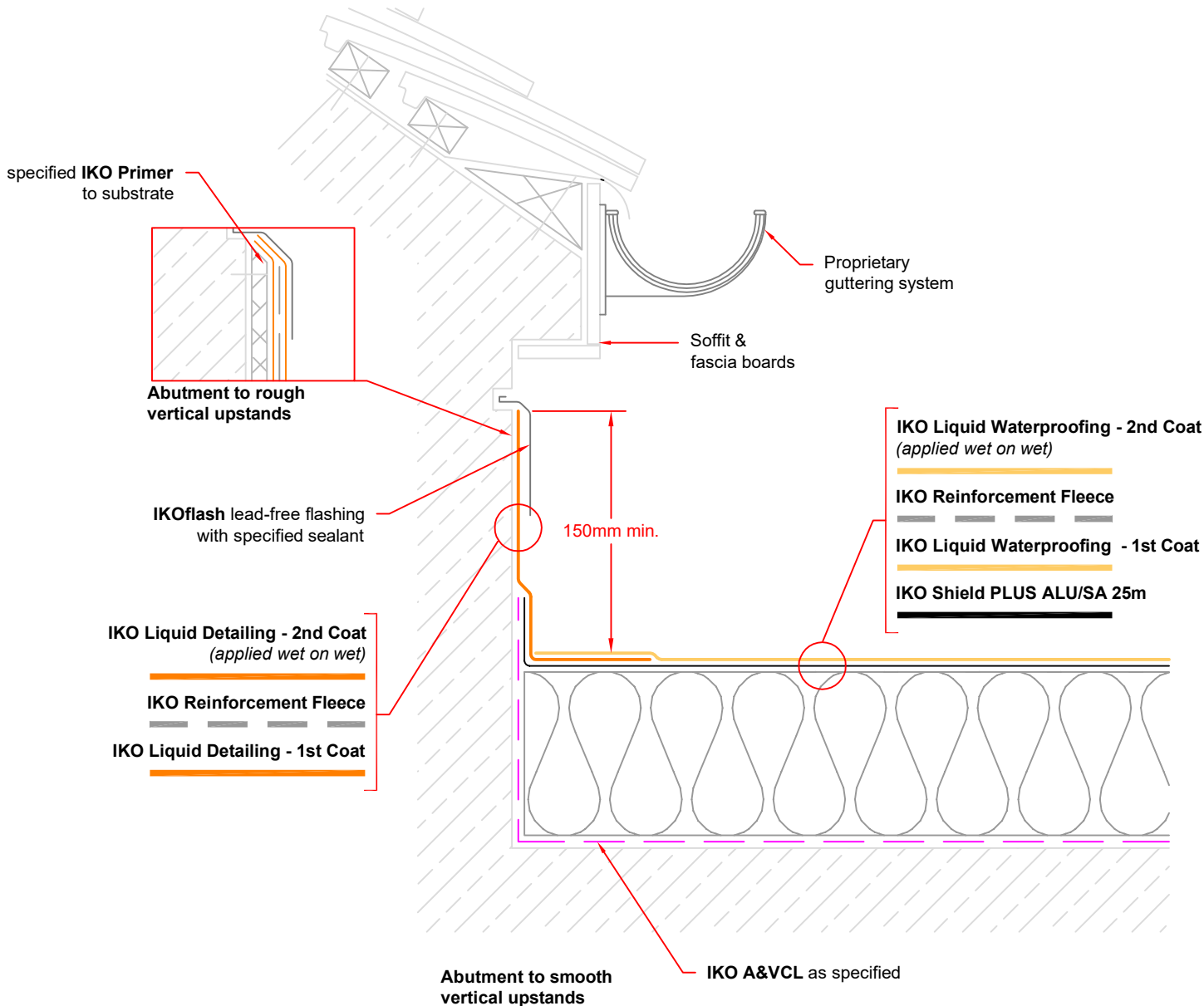
NOTES:

All details to be installed in accordance with BS6229, and IKO recommendations.

All surfaces must be clean, dry, and suitably prepared to accept the waterproofing system.

During the application of all bitumen membranes a visible bead of bitumen must be exuded from all side and end laps.

For application rates of IKO liquid system products refer to the current published technical literature or project specification.



Note: Detail to illustrate lapping & waterproofing arrangements in relation to IKO specified roofing system. The client / contractor is to confirm with relevant parties any limitations or restrictions of vertical application in relation to Building Regulations Approved Document B prior to works.

PITCHED ROOF ABUTMENT - Upstand to Eaves

Rough upstand surfaces must be boarded out with 18mm OSB/3, plywood panel or CP board mechanically fixed to provide a smooth surface for the liquid waterproofing.

Carefully rake/cut out the joint to a depth of not less than 25mm, at a height of 150mm minimum above the finished waterproofing surface. The chase should be below the level of any DPC or cavity tray.

Apply sufficient coats of the specified **IKO Primer** to all surfaces to which the air & vapour control layer is to be bonded.

Apply the specified **IKO Air & Vapour Control Layer** to the primed substrate & dressed to link with **IKO Shield PLUS ALU/SA 25m** by 50mm minimum.

Apply specified **IKO enertherm Insulation** to the Air & Vapour Control Layer, to be bonded as per IKO Specification Proposal.

Apply the specified **IKO Primer** and **IKO Shield PLUS ALU/SA 25m** to the surface of the insulation to link with the Air & Vapour Control Layer as indicated. All overlaps and details in the preparation membrane must be fully bonded.

Prime existing surfaces with the specified **IKO Primer** as necessary.

Apply **IKO Liquid Waterproofing** as indicated, installed in strict accordance with IKO Specification and installation guidance.

If specified apply Sealer/UV Coat to cured waterproofing (not indicated on detail) in strict accordance with IKO Specification and installation guidance.

Provide **IKOFLASH LEAD FREE FLASHING** to the provided chase lengths not exceeding 1.5m ensuring end laps are not less than 100mm & that a minimum cover of 75mm is provided to the upstand.

The chase should then be pointed with a one or two part polysulphide sealant or **IKO specified sealant**.

NOTES:

Completed waterproofing upstand details should always be installed so as to achieve a height of 150mm minimum above the finished roof level.

All details to be installed in accordance with BS6229, and IKO recommendations.

All surfaces must be clean, dry, and suitably prepared to accept the waterproofing system.

Cement Particle (CP) Boards to be used inline with SPRA, LRWA & NFRC Guidance.

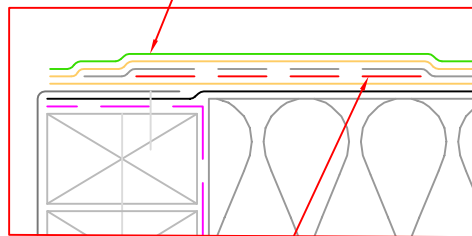
During the application of all bitumen membranes a visible bead of bitumen must be exuded from all side and end laps.

For application rates of IKO liquid system products refer to the current published technical literature or project specification.

 Email: technical.uk@iko.com	STANDARD DETAIL	DRAWING TITLE: PITCHED ROOF ABUTMENT - Upstand to Eaves		DWG No: L2		This detail is representative of a typical situation and provided for illustration purposes. Where shown insulation thickness may differ in accordance with specifiers U value requirement. To be read in conjunction with the IKO project specification. Refer to specification and product literature for product descriptions and application information. Copyright Reserved - Please note that this drawing & the copyright therein is the property of IKO & is issued on the understanding that the drawing or any detail thereof will not be divulged to a third party unless written permission is first obtained from IKO technical services department. The drawing is valid only when approved by the Architect/ Contractor concerned.
		DATE: March 2024	NOTES/REVISIONS: N/A	SCALE: NTS	DRAWN BY: IKO	

For use with tanetech R. EC/UV
Dilatation Fleece to Horizontal & Vertical abutments
or where movement is likely

UV Sealer Coat
(Applied to cured EC coat)



Dilatation Fleece

Code 5 lead cover flashing mechanically
fastened to the timber stop batten and
formed to provide cover to the tiles/slates

IKO Liquid Waterproofing - 2nd Coat
(applied wet on wet)

IKO Reinforcement Fleece

IKO Liquid Waterproofing - 1st Coat

IKO Shield PLUS ALU/SA 25m

IKO A&VCL as specified

100mm wide insulation stop batten
(10mm thinner than the insulation)
timber insulation stop batten
mechanically fastened to the roof
deck

MANSARD DETAIL - Lead Flashing

Apply treated timber stop batten (100mm wide & 10mm thinner than the insulation, so as to prevent lap build up) mechanically fastened to the roof deck to provide a hard edge to all perimeters. Perimeter timbers must be fixed at maximum 300mm centres (150mm maximum for areas of high wind uplift) using suitable fixings into a structurally sound substrate.

Apply sufficient coats of the specified **IKO Primer** to all surfaces to which the air & vapour control layer is to be bonded.

Apply the specified **IKO Air & Vapour Control Layer** to the primed substrate & dressed to link with **IKO Shield PLUS ALU/SA 25m** by 50mm minimum.

Apply specified **IKO enertherm Insulation** to the Air & Vapour Control Layer, to be bonded as per IKO Specification Proposal.

Apply the specified **IKO Primer** and **IKO Shield PLUS ALU/SA 25m** to the surface of the insulation to link with the Air & Vapour Control Layer as indicated. All overlaps and details in the preparation membrane must be fully bonded.

Apply a code No.5 lead flashing mechanically fastened to the insulation stop batten and formed so as to provide cover to the tiles/slates. Lead flashing detail must be formed in accordance with BS EN 12588 & the Lead Sheet Association recommendations in lengths not exceeding 1500mm, copper clips or equivalent should be used at equal centres along exposed edges to suit exposure.

Abrade the edge of the lead flashing to which the waterproofing system is to be bonded to provide a key and degrease with **IKO Acetone Cleaner**.

Apply **IKO Liquid Waterproofing** as indicated, installed in strict accordance with IKO Specification and installation guidance.

Continue the **IKO Liquid Detailing** down the face of the **IKOTRIM L** as shown

If specified apply Sealer/UV Coat to cured waterproofing (not indicated on detail) in strict accordance with IKO Specification and installation guidance.

NOTES:

All details to be installed in accordance with BS6229, and IKO recommendations.

All surfaces must be clean, dry, and suitably prepared to accept the waterproofing system.

During the application of all bitumen membranes a visible bead of bitumen must be exuded from all side and end laps.

For application rates of IKO liquid system products refer to the current published technical literature or project specification.



Email: technical.uk@iko.com

STANDARD DETAIL

DRAWING TITLE:
MANSARD DETAIL - Lead Flashing

DATE:
March 2024

NOTES/REVISIONS:
N/A

DWG No:
L4

SCALE:
NTS

DRAWN BY:
IKO

This detail is representative of a typical situation and provided for illustration purposes. Where shown insulation thickness may differ in accordance with specifier U value requirement. To be read in conjunction with the IKO project specification. Refer to specification and product literature for product descriptions and application information.

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