Project Reference:
P40220

Project Name:
Civic Centre - Hillingdon

System Type:
Bailey Sure-coat

Revision:
0

Date:
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FLAT ROOF REMEDIAL REFURBISHMENT SPECIFICATION

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PRELIMINARY CLAUSE SECTION

SITE MONITORING AND FINAL REPORT REQUIREMENTS

Bailey Total Building Envelope's Technical Department must be informed, with fair notice, of the commencement date of this project in order to arrange monitoring of the ongoing works. Failure to provide this information prior to commencement may compromise the guarantee being offered.

As part of the complete Bailey Total Building Envelope service, we will provide regular site visits which will be documented within our project inspection report which will contain all relevant photographic evidence. This document, when complete, will be sent by email to all parties until the satisfactory completion of this project following "sign off".

Safe access is required to be provided for all visits including the final inspection which will be carried out once works are complete. This final visit will be carried out when all following trades have completed their works and the roof area cleared of debris, protection and materials.

Any snagging items noted should be addressed without delay, the final report will then be provided on completion of these items allowing for the release of the guarantee to the contractor.

STANDARD DETAIL HEIGHTS

Following BS 6229 (2018) Bailey Total Building Envelope require all details (Except balcony situations with an overflow) to terminate a minimum of 150mm above finished roof level. This should not be confused with waterproofing level as components used in inverted systems have also to be considered.

To conform with this requirement, and allow for any agreed insulation upgrade, it may be necessary to raise/replace existing windows / thresholds. Failure to do so may result in a downgrade in the guarantee.

Cavity Tray considerations must also be met as part of these works, the client/contractor should ensure that these details, if present, are at a height which will not obstruct standard detailing and termination. If the cavity tray presents an issue allowance should be made within the sum quoted.

ROOF FALLS AND DRAINAGE

Standing water and the imposed load created by this is to be avoided, carrying out remedial works to improve falls should be undertaken as part of any re-roofing works. Following guidance document BS 6229 (2018) Bailey may recommend the installation of a full tapered insulation scheme in order to counteract any structural deflections and those created by roof mounted plant loading.

If a tapered scheme is required, the scheme designed should have a minimum fall of 1:40 to ensure actual overall falls of 1:80 are achieved on completion. This is recommended for the field area and all internal gutter areas; the use of flat board areas where possible should be avoided. When the proposed specification does not include any enhancement of the existing roof falls, a roof which currently suffers with the presence of standing surface water will continue to do so following the installation of the new system.

All internal outlets should be sumped with exposed insulation edges protected with timber hard edges. New leaf guard protected refurbishment outlets should be installed with proprietary seal of the spigot introduced to prevent the backing up of the drainage system potentially compromising the waterproofing system. Important note: Where other refurbishment outlets have previously been installed, including lead sleeves, these must be removed to ensure a positive seal with the existing downpipe and to avoid the reduction of the outlet opening.

Due to the existing outlet type or position it may not be practical to introduce a refurbishment product. In this situation remove the leaf guard, clamping ring and existing waterproofing. Clean outlet flanges and bowl and prime prior to introducing the new waterproofing membrane ensuring a suitable bond has been created. Replace clamping ring and leaf guard on completion. All outlets should be loosely covered during works to prevent blockages. On completion the contractor should ensure that the outlet drainage is clear and free flowing.

NFRC SAFE2TORCH RECOMMENDATIONS – Including Drying Out Processes

The contractor is reminded that they have a responsibility to carry out their own risk assessment and pre-hotworks checks outlined within the NFRC Safe2Torch guidelines. All installing operatives should be provided with safe working practices when drying out roof areas/RBM application in order to remove or minimise any associated risk. All operatives should be fully trained for the task they are undertaking and understand, and be fully compliant with, the Safe2Torch guidelines.

This specification has been created to the best of our knowledge, to identify and minimise any associated risk through hot works. Please note that the fire hazard areas are not limited to the areas identified in this proposal specification.

Should the contractor, following commencement of works, identify an unforeseen risk not covered within this specification they are required to suspend works in that area and notify the Client and Bailey Total Building Envelope immediately.

During insulation upgrades, it may be necessary to raise details using combustible materials such as timber. To these areas, Safe2Torch rules apply and be detailed up to 900mm from the detail in Bailey flame-free waterproofing systems.

Bailey Total Building Envelope has a duty of care to the client and the premises being re-roofed, should any member of the Bailey Total Building Envelope Site Support team witness installation practices that, in their opinion, are unsafe then we have an obligation to immediately highlight this to the contractors' management.

GENERAL PRELIMINARIES Section 1

This specification proposal has been provided following the client's brief. The contractor is obliged to follow the specification and relevant conditions. Any variations to the specification, must be authorised by Bailey Total Building Envelope prior to commencement/continuation of the installation. It shall be the responsibility of the Contractor to ensure that any work carried out on asbestos based or asbestos-cement components complies with the Asbestos (Licensing) Regulations, the Control of Asbestos at Work Regulations and all requirements of the Health and Safety Executive, including Codes of Practice and guidance A0, A9 and A12.

Detailed Health and Safety Procedures, together with method statements, must be submitted as part of the Health and Safety Plan with regard to any works to, clean, remove or dispose of Asbestos based products. On sites where asbestos has or has possibly been detected, it is to be treated in accordance with the Control of Asbestos Regulations 2012. Bailey specification documentation is subject to any revisions necessary pending the findings from the above. It is the roofing contractor's responsibility to check the buildings' asbestos register. All materials used are to be installed strictly in accordance with Bailey's installation instructions contained within this proposal specification and in accordance BS 6229:2018 and all other relevant Standards and Industry Codes of Practice.

Bailey Total Building Envelope Technical Department continually vet our network of approved contractors to ensure their standards of workmanship and professional integrity meet our own high standards. This system must be installed by a Bailey Total Building Envelope Approved Contractor. Failure to do so may result in the guarantee becoming downgraded. Bailey recommends that a regular maintenance inspection takes place following completion of the roof in accordance with Bailey's maintenance guidelines and terms of the guarantee (set out in more detail in the guarantee section below).

GENERAL PRELIMINARIES Section 2

All details and build-ups are to be installed in accordance with the Building Regulations and Approved Document B. To any Bailey specification that proposes overlaying the existing waterproofing system and structural deck, the proposal to overlay the existing waterproofing is being submitted on the basis that Bailey cannot accept responsibility for the structural integrity of the existing deck or the attachment of the existing waterproofing system. All projects on which an overlay is suggested must be checked by a qualified structural engineer that the structure is in suitable condition to accept the additional loading. The responsibility for the decision to overlay remains with the Client.

All reasonable efforts have been made in the creation of this specification proposal to make it as comprehensive as possible. This having been said, it is not uncommon for situations on site to arise that may not have been immediately apparent during the survey. Such situations would normally be covered by way of a contract contingency sum allowance. This contingency is to provide protection to all contract parties against what may be termed a potential risk item. In the event such a 'risk' occurs on this project, it should be treated as a contract variation and be valued in accordance with the stipulated contract terms.

APPROVED CONTRACTOR NETWORK

By using high quality Bailey products and with conscientious specification and design, our approved contractor network can produce exceptional quality installations for our valued clients.

Contractors are recommended based on Bailey's current knowledge and experience. Any company entering into contractual agreements with a contractor from the Bailey Total Building Envelope Approved Installer list must satisfy themselves of the suitability of the contractor for the project, in terms of quality of workmanship, financially in terms of insurance cover and any other essential requirements.

CONTRACTOR RESPONSIBILITIES Section 1

The contractor is responsible to ensure that all necessary access equipment, scaffolding, handrails, materials storage and off-loading facilities, hoisting etc. is provided to conform with current health and safety regulations, CDM requirements and to the satisfaction of the Contracts Administrator (CA).

The contractor is responsible to organise installation, re-installation or moving of any plant, services or M & E equipment, where necessary, by a qualified engineer. They are also responsible to liaise with other trades to ensure the integrity and serviceability of the flat roof waterproofing system, and all associated details, during and after installation. Introduction of suitable roof mounted protection will be required to protect the waterproofing system from following trades and is not to be subjected to excessive traffic. On areas where the new waterproofing has been installed, the storage of materials that are not part of the waterproofing system being installed, must be avoided.

The contractor is responsible for agreeing the method statements covering all associated works, programme of works and health and safety plan conforming to current legislation before commencement of works on this project.

Materials are to be stored in accordance with the manufacturer's instructions, in clean, dry conditions and the site is always to be maintained in a clean and tidy condition. Rubbish is to be cleared from the roof as it arises, and good tidiness and discipline maintained throughout. Adhesion tests are to be undertaken by the contractor at regular intervals during the installation process to ensure the system being installed is bonding correctly, any issues should be highlighted to Bailey Total Building Envelope immediately.

CONTRACTOR RESPONSIBILITIES Section 2

The Contractors nominated in conjunction with this specification proposal are approved to install Bailey Total Building Envelope materials and will be in possession of the Health & Safety data sheets relating to any hazardous products marketed by Bailey Total Building Envelope which have been included within this specification. It is assumed that the Contractor/s will be working to the guidelines of the relevant British Standard Codes of Practice (in particular BS 8000-0:2014) and that relevant Health & Safety information will be obtained from the manufacturers of any other roof components which are not supplied by Bailey Total Building Envelope.

Bailey cannot be held responsible for faults in the specification due to insufficient information, unknown site conditions or changes to the building. The use of materials not supplied, marketed or approved by Bailey Total Building Envelope Technical Department may invalidate the guarantee.

All Intellectual Property in the specifications, drawings and calculations or any other material supplied, created and/or developed by Bailey Roofing Systems in any form, remain vested with Bailey Roofing Systems. No part of this specification or associated drawings, calculations and other material may be copied, reproduced, scanned or stored, whether in part or in whole, in any form or by any means, by or given to any third party not directly involved in the project, without the express permission of Bailey Roofing Systems.

CDM: Construction (Design and Management) Regulations 2015

The Construction (Design and Management) Regulations 2015 are regulations for managing the health, safety and welfare of construction projects. The 2007 CDM Regulations have been replaced by the 2015 regulations to help workers, contractors, designers and clients work together to improve health and safety.

From Monday 6 April 2015, the Construction (Design and Management) Regulations 2015 require small and medium size construction businesses to plan and manage health and safety. CDM applies to all building and construction work and includes new build, demolition, refurbishment, extensions, conversions, repair and maintenance.

Key changes of the new CDM Regulations 2015 are:

•The revised Regulations apply to all projects including domestic projects.
•All projects must have a written construction phase plan
•The role of CDM co-ordinator in the previous CDM Regulations 2007 has been removed and replaced with a new role of principal designer
•There is a duty to make sure all persons doing the job have the right skills, knowledge, training and experience
•A Principal designer and principal contractor must be appointed on projects that will have more than one contractor.

Bailey Total Building Envelope will be happy to assist with the new waterproofing system design; however, we will not undertake the role of principal designer of this project.

More details available from the link below:

http://www.hse.gov.uk/construction/cdm/2015/index.html

MATERIAL STORAGE

It is recommended that all materials are stored in an area which is clean and dry prior to installation. If this is not possible and products need to be stored externally, all insulation will need completely covering with waterproof sheeting and standing on stillages. Manual handling should be kept to a minimum as Bailey will not accept the installation of wet or damaged boards within our systems.

Do not store the product on roofs when temperatures lower than +10°C or higher than +30°C occur. With temperatures below +10°C it is necessary to apply the product ensuring the following precautionary measures are practiced. Bailey do not accept responsibility for failure of self-adhesive systems if the following points are not adhered to:

Store the rolls in an upright position in the original packaging. Ensure that they are stored in warm and dry conditions. Care must be taken that the rolls are not placed on damp ground even if under cover as this will affect the self-adhesive backing and the render the membrane unsuitable for laying. Self-Adhesive RBM should be protected from direct sunlight prior to installation as this may cause issues with the removal of the silicone release film on Self-Adhesive products.

The rolls must be moved to the area they are to be laid only at the time of installation, not before.

The ideal application occurs at temperatures above +10°C, however it is possible to apply the product below +5°C bringing the rolls to the ideal temperature with a hot air gun or gas torch. If using gas torches to warm the rolls, the NFRC's "Safe2Torch" guidance must be adhered to.

All solvent based products are combustible and as such careful storage and use is required as per HSG 51. Store in a safe, cool and well-ventilated area away from potential sources of ignition and keep all lids closed when not in use. Refer to all available product data which includes, but is not limited to, Material data sheets, Technical data sheets and product labels which carry product specific advice including spillage prevention and control.

INSTALLATION NOTES 1

Roof membranes must have side laps of at least 75mm and end laps of at least 150mm. A continuous bitumen bead must protrude from all joint edges and all joints in alternate layers must be staggered.

Welding of joints and flashings in Flame Free Systems and Self-Adhesive membranes in fire-hazard areas is to be carried out using Bailey recommended hot air machines or hand-held guns (with digital temperature display) with the temperature set between 500-600ºC depending on ambient and wind conditions.

The standard weld is to be a minimum of 75mm, excluding the pre-weld (this operation must be performed before the main weld). A continuous bitumen bead must protrude from all joint edges.

Details to be installed in accordance with BS8217 & BS6229 (2018).

Throughout the application process of all reinforced bitumen membranes, a visible bead of bitumen must be extruded from all side and end laps.

Detail to be completed to ensure full compliance with the NFRC Safe2Torch guidance for the safe installation of torch-on reinforced bitumen membranes. The client/contractor risk assessment for the works should ensure the appropriate materials and application techniques are specified and undertaken.

INSTALLATION NOTES 2

Please note that any areas of brickwork that contain open perpends, open access to internal cavities, open vents, open pipes etc. as set out in the NFRC Safe2Torch guidance, automatically revert to the Bailey Safe2Torch Self-Adhesive Specification Systems within 900m of the afore-mentioned fire hazard areas.

If Bailey have not attended site to carry out a full site survey or the fire hazard areas are not identified on a roof plan at the beginning of this document, these remain the responsibility of the contractor to identify on site.

PRODUCT LIST SECTION

1	PRIMER	£/m²	QTY
1.A	BAILEY SELF-ADHESIVE PRIMER Bailey Self Adhesive Primer is an aerosol based priming solution used for the preparation of porous and dusty surfaces prior to the application of Self-Adhesive modified bitumen waterproofing membranes. This product is to be applied in conjunction with the proprietary hose, gun and lance with the coverage dependent on surface porosity. Size: 22 litre canister Coverage: 170m² per canister (dependent on porosity of surface) Product code: F-604-DC22		

1.B	BAILEY UNIVERSAL SANDED SELF-ADHESIVE UNDERLAY Bailey Universal SA underlay is a 3mm thick self-adhered sanded finish underlay for use alongside both torch-on and adhered capsheets. The release film protection to the underside and selvedge lap should be removed during installation. The use of a roll bar is also recommended in order to prevent any trapped pockets of air during application. The hot air welding of joints and flashings will be required with this product as it is not designed for installation with a naked flame. This process is to be carried out using Bailey recommended hot air machines or hand-held guns (with digital temperature display). The temperature on these tools should be set between 500-600ºC depending on ambient and wind conditions. The overall weld is to be a minimum of 75mm, including the pre-weld (this operation must be performed before the main weld takes place). Roof membranes must have 75mm side laps at the selvedge and head laps are to be a minimum of 100mm. A continuous bitumen bead must protrude from all joint edges and all joints in alternate layers must be staggered. Cross bonding of layers will not be accepted. Note: On all self-adhesive products it may be necessary, depending on ambient/surface temperatures, to heat activate the modified bitumen facing in order to create a strong bond in lower temperatures. Roll size: 10m x 1m Roll weight: 39kg Surface finish: Film Product code: A-USA-3-SU		
1.C	BAILEY SURE-COAT FLEXIBLE POROUS DECK PRIMER – For Mastic Asphalt / Bitumen Felt Bailey Sure-Coat Flexible Porous Deck Primer creates a seal on flexible porous substrates such as bitumen felt to provide a suitable surface for the application of the Sure-Coat System. It allows for small amounts of movement in the substrate. It is to be applied in 2 coats, if necessary, by brush, roller or spray with coverage dependent on surface porosity. It is to be applied by brush, roller or spray. Drying Time: Approx. 2 hours (dependent on temperature and ambient conditions) Size: 20kg drum Coverage: 100-200g/m² (dependent on porosity of surface) Product code: H-220-SPF-20		
2	BASE-COAT WATERPROOFING	£/m²	QTY
2.A	BAILEY SURE-COAT QC LIGHT GREY PU LIQUID Bailey Sure-Coat QC Cold-Applied Liquid is a single component PU (polyurethane) liquid plastic waterproofing system. The system comes in dark and light grey. It is advised to use the light grey as the base-coat so that when applying the top-coat, the contrast in colour makes it easy to see which areas have been coated. The system provides a completely seamless waterproofing layer. It is applied with a brush, by roller or by spray application, ensuring evenness and consistency are maintained across the whole roof area. Drying Time: Approx. 2.5 hours (dependent on temperature and ambient conditions) Size: 25kg drum Coverage: 1.5kg/m² minimum Product code: H-201-QC25-LG		
3	REINFORCEMENT	£/m²	QTY
3.A	BAILEY SURE-COAT GLASS-FIBRE REINFORCEMENT LAYER Bailey Sure-Coat Glass Fibre Reinforcement is a 150g/m² glass fibre “mesh” for strengthening the system to cope with the various stresses caused by changes in temperature and building movement. Size: 1m x 150m rolls (main field areas) & 0.2m x 100m rolls (detailing) Product code: H-205-GF150-1000 & H-205-GF150-200		
4	TOP-COAT WATERPROOFING	£/m²	QTY

4.A	BAILEY SURE-COAT QC DARK GREY PU LIQUID Bailey Sure-Coat QC Cold-Applied Liquid is a single component PU (polyurethane) liquid plastic waterproofing system. The system comes in dark and light grey. It is advised to use the dark grey as the top-coat on top of the light grey base-coat so that the contrast in colour makes it easy to see which areas have been coated. The system provides a completely seamless waterproofing layer. It is applied with a brush, by roller or by spray application, ensuring evenness and consistency are maintained across the whole roof area. Drying Time: Approx. 2.5 hours (dependent on temperature and ambient conditions) Size: 25kg drum Coverage: 1kg/m² minimum Product code: H-201-QC25-DG		
5	WALKWAY/FINISHING LAYERS	£/m²	QTY
5.A	BAILEY SURE-COAT UV RESISTANT COVER-COAT Bailey Sure-Coat UV Cover Coat is a single component layer that is UV (ultra-violet light) resistant and hard wearing. Although clear (contains no colour), the UV cover coat prevents the colour of the Bailey Sure-Coat Waterproofing layers from being affected by ultra-violet light from the sun. UV light does not affect the performance of the main waterproofing layer however UV can affect the colour of the pigments. It can be combined with Bailey Sure-Coat Coarse Quartz Aggregate to create a hard anti-slip surface by applying one layer then whilst still wet then broadcasting the quartz sand into it at a rate of 1kg/m². Once the first layer and the quartz sand have dried, the excess sand is brushed off and another layer of the UV cover coat applied and allowed to dry. It is applied with a brush, by roller or by spray application, ensuring evenness and consistency are maintained across the whole roof area. Drying Time: Approx. 3-4 hours (dependent on temperature and ambient conditions) Size: 25kg drum Coverage: 250-300g/m² (1st coat, then quartz granules added) & 250-300g/m² (2nd coat) Product code: H-221-UVC-20		
5.B	BAILEY SURE-COAT QUARTZ GRANULES - ANTI-SLIP FINISH Bailey Sure-Coat Quartz Granules are pigmented and available in a variety of colours. The optimum granule size is 2-3mm but larger and smaller granules are available depending on requirements. Size: 25kg bag Coverage: Broadcast 3kg/m² (brushed off excess can be reused) Product code: H-221-ASC		

PREPARATION & INSTALLATION SECTION

6	PREPARATION	£/m²	QTY
6.A	NEW TIMBER PREPARATION •Supply and install new 18mm exterior quality sheathing WBP plywood, fair faced one side (manufactured in accordance with BS EN 636), and securely screwed to joists, in accordance with BS 6229 and BS 5268. •Ensure that the deck is firmly fixed, clean and clear of dirt, dust, debris, plant life and other contaminants and is suitable for the application of the primer. •Tape all joints with Bailey Sure-Coat Butyl Tex Tape – 75mm wide, code H-215-BT-75 and ensure a good bond is achieved along all joints. •A structural engineer must be instructed to carry out a survey and sign off the new roof structure and the new deck after determining its ability to take the weight loadings of the new system.		

7	INSTALLATION OF CARRIER MEMBRANE	£/m²	QTY
9.A	UNIVERSAL SELF-ADHESIVE CARRIER MEMBRANE •Prime the boards before applying a layer of Bailey Universal Self-Adhesive Underlay, code A-USA-3 bonded to insulation by self-adhesive application. (If laying on roofs with falls in excess of 5°, mechanical fixing requirements according to BS 8217 should be observed). •Position the self-adhesive underlay membrane on the application surface; ensure there are side & head laps respectively of 75mm & 100mm between the sheets. All joints in alternate layers must be staggered and cross-bonding of layers will not be accepted. •Roll out half of the self-adhesive membrane and then using a sharp knife, carefully cut through the non-stick backing film, taking care to not cut into the membrane at all, and peel away the backing film as the membrane is rolled out. The use of a roll bar is also recommended in order to prevent any trapped pockets of air during application. •Repeat the process on the other half of the roll. Leave the backing film on the lap joints as these need to be sealed with hot-air as opposed to sticking by self-adhesive application. •Use suitable heavy roller by applying pressure over the membrane surface to ensure good adhesion is achieved. •Remove the backing film from the laps and hot-air weld the laps. Ensure hot air guns are fully up to heat before starting welding. This process is to be carried out using Bailey recommended hot air machines or hand-held guns (with digital temperature display). The temperature on these tools should be set between 400-500ºC dependent on ambient and wind conditions. The overall weld is to be a minimum of 80mm, including the pre-weld (this operation must be performed before the main weld takes place). •Use a heavy lap joint roller to ensure all joints have a visible 5-10mm bead of bitumen extruded, signifying a proper waterproof finish has been achieved.		

8	INSTALLATION OF BASE-COAT	£/m²	QTY
8.A	•Open tin of Bailey Sure-Coat QC Light Grey Cold-Applied PU Liquid 25kg, code H-201-QC25-LG and mix slowly and thoroughly with a wooden batten or drill with mixing bit on low speed setting, ensuring that no bubbles are introduced to the liquid (bubbles cause holes in the membrane once it cures). •Install at a coverage rate of 1.5kg/m². More liquid maybe required depending on the presence of undulations in the existing substrate. Upstands and detailing to be a minimum of 150mm above the new finished roof level and terminated into a chase in the wall. If upstands are higher than 150mm, i.e. the rooflight, the liquid may need to be applied in 3 separate thin layers to ensure correct coverage rates are achieved. •Upstands and detailing to be a minimum of 150mm above the new finished roof level and terminated into a chase in the wall.		

9	INSTALLATION OF REINFORCEMENT LAYER	£/m²	QTY
9.A	•Whilst the base-coat is still wet, embed a layer of Bailey Sure-Coat 80g/m² Geotextile Reinforcement Fleece, code H-205-GM80 into the base-coat and ensure that the fibres are completely embedded with no fibres left uncovered. •Roll in with metal spined consolidation rollers to ensure complete coverage and saturation. •At all details, such as ridge joints and changes in direction, ensure that separate layers of reinforcement are installed and thoroughly saturated in liquid. These areas may require additional liquid to ensure a good coating is achieved.		

10.A	INSTALLATION OF TOP-COAT	£/m²	QTY
10.A1	•Open tin of Bailey Sure-Coat QC Dark Cold-Applied PU Liquid 25kg, code H-201-QC25-DG and mix slowly and thoroughly with a wooden batten or drill with mixing bit on low speed setting, ensuring that no bubbles are introduced to the liquid (bubbles cause holes in the membrane once it cures). •Install at a coverage rate of 1kg/m². Upstands and detailing to be a minimum of 150mm above the new finished roof level and terminated into a chase in the wall. If upstands are higher than 150mm, the liquid may need to be applied in 3 separate layers to ensure correct coverage rates •Upstands and detailing to be a minimum of 150mm above the new finished roof level and terminated into a chase in the wall of the brick tank house then sealed with Bailey Sure-Fix External Grade Mastic once free of dust and contaminants.		

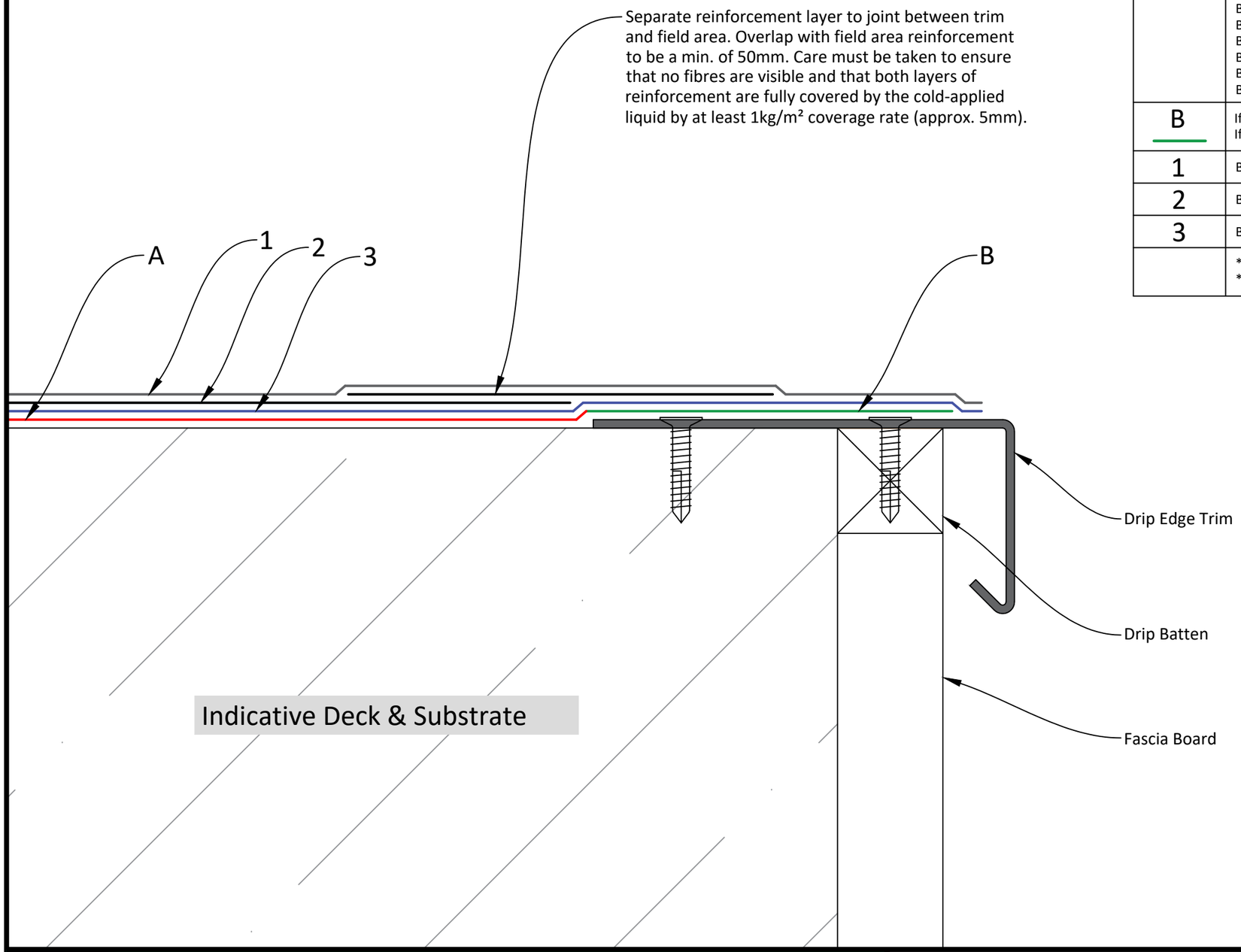
10.B	INSTALLATION OF HARD-WEARING WALKWAY LAYER	£/m²	QTY
10.B1	•Once the Bailey Sure-Coat Waterproofing System is dry, the application of the hard-wearing walkway liquid can be started. •Open the 20kg tin of Bailey Sure-Coat UV Cover Coat clear liquid, code H-221-UVC and mix slowly and thoroughly ensuring no bubbles are introduced. Apply the first layer of Bailey Sure-Coat UV Cover Coat at a minimum rate of 300g/m². •While the first layer of the clear UV Cover Coat is still wet, evenly broadcast Bailey Sure-Coat Anti-Slip Coarse Aggregate Pigmented Quartz Minerals, code H-221-ASC, across the roof at a rate of 3kg/m². •Allow to fully dry (drying time is approx. 45 minutes dependent on temperature and ambient conditions) and then sweep off the excess quartz granules. (These excess granules can be used again if required). •Install final layer of Bailey Sure-Coat UV Cover Coat clear liquid, code H-221-UVC to completely seal all areas and to provide a hard-wearing resistant finish.		

DETAILING SECTION

11	DETAILING	£/m²	QTY
11.A	UPSTAND/ABUTMENT TERMINATION •As the upstand height of the finished roof covering is likely to be less than a minimum of 150mm upstand below any plant, it is necessary to raise these to the required level at these locations. This alteration must accommodate the required roof covering thickness and the minimum waterproofing upstand height of 150mm above the finished roof level. A new coverflashing will need to be installed underneath the sill to cover the top of the upstand termination. The guarantee offered for this project will be compromised if minimum waterproofing upstand heights cannot be achieved. •Cut a chase into the masonry just above the top of the upstand termination. •A lead replacement product or traditional code 4 lead cover flashing should be introduced into the chase in accordance with the Lead Sheet Association recommendations. Standard fixing clips or plugs can be used to hold the cover flashing firmly in place. Application of a continuous bead of mastic to the chase once free from dust. (Only use non-silicone/or solvent free sealants on lead replacement products as adverse reactions can occur). •NOTE: This proprietary sealant seal to the top edge of the termination bar must be inspected regularly as part of the regular roof maintenance schedule and renewed as required.		
11.B	PARAPET OUTLETS - LEAD CHUTES •Remove existing outlets and discard in accordance with the CA's instructions. •Supply and install new code 5 lead outlets, ensuring that the chute is recessed into the insulation to prevent a build-up of membrane at the outlet mouth. •Apply Bailey AMC High Penetration Bitumen Primer, code F-604-HP25 to lead chute and allow to dry. Trim underlay away from outlet and weather main capsheet into the outlet, ensuring a continuous bead of bitumen is obtained when sealing to the lead chute.		
11.C	PIPES & PENETRATIONS •If existing plant is not to be removed it should be ensured a minimum of 150mm waterproofing upstand above the finished roof level is present. Should it not be possible to remove any plant and/or associated fixings in order to introduce the necessary detailing required, •Extend pipework where necessary to provide a minimum upstand height of 150mm above finished roof level. •Once detailing works are complete provide a proprietary apron/collar flashing to the pipe to terminate the pipe/vent. •The top edge, should it not be solvent welded, should be sealed with a suitable sealant and subject to regular inspections and maintenance throughout the guarantee duration.		

12	GUARANTEE		
12.A	On completion, the Contractor is to arrange for final inspection by Bailey and subsequent issue of the 20-year insurance backed labour and materials guarantee in favour of Civic Centre. To qualify for this guarantee, the following points must be observed: •The above specification must be adhered to. Any variations must be approved in writing to Bailey. •Work must be carried out by a contractor from the Bailey recommended list. •The Contractor is to give Bailey 7 days' notice of his intention to commence work on site and is to secure at each stage of the work a progress report demonstrating competent workmanship and adherence to the specification. •On completion, the Contractor is to secure a final report demonstrating competent workmanship and adherence to the specification. •The Contractor must allow a sum for electronic leak testing in their quotation as this must be carried out if Bailey requires it, prior to issuing the guarantee. •For areas under 200m² a site inspection fee of £220 will be charged for each inspection required. •The costs of materials for the 20-year guarantee are subject to a premium, prices will be made available by Bailey at quotation/tender stage.		
13	MAINTENANCE		
13.A	In accordance with the client obligations Under the Management of Health & Safety at Work Regulations 1999 (and associated Health and Safety Legislation) and under the Construction (Design & Management) Regulations 2015, the client is obligated to make provision for safe access with special consideration given to perimeter protection in order to carry out routine inspections and maintenance. Bailey Technical department will be happy to advise you on system compatible products. Important Note: Before carrying out annual inspections the client should ensure that safe access has been arranged for the contractor and that all necessary safety precautions are taken at roof level with any fragile areas excluded from works. During these visits, the contractor should clear all gutters, sumps and outlets of organic growth and any other debris to allow for the unrestricted flow of surface water. Check all maintainable goods such as sealants for deterioration and replace with a suitable product. Should there be damage to the waterproofing membrane on the field area or associated details it is suggested that the installing contractor, if still trading, carries out the repairs required. In the event of an issue arising with the system, the installing contractor and Bailey Technical Department must be informed. Important Note: Routine maintenance of this roof area is required to conform to the guarantee terms and conditions.		
14	PROTECTION OF WATERPROOFING AND BUILDING INTEGRITY PRIOR TO COMPLETION		
14.A	During the installation of this project the contractor should allow for, and implement, protection of the waterproofing installed against the activities of follow-on trades. The contractor is also reminded that they must ensure the building always remains watertight with night joints installed to protect the building and new insulation. This should be created with a compatible product at the suspension of the day works and during spells of inclement weather. Bailey Total Building Envelope reserve the right to request an Electronic Leak Detection Test (ELD) prior to the release of the guarantee offered. Important Note: It is considered good practice to carry out this form of testing on any inverted system where the principal waterproofing system is buried under podium & green roofs and areas covered by extensive areas of roof mounted plant such as, but not limited to, PV arrays.		

B003



Primer Application Table	
A	Bailey Sure-Coat Porous Deck Primer - Dry Concrete - **100-200g/m²** Bailey Sure-Coat Humidity Primer - Damp Concrete* - 2 component - **250g/m²** Bailey Sure-Coat Porous Deck Primer - Dry Timber - **100-200g/m²** Bailey Sure-Coat Humidity Primer - Damp Timber* - 2 component - **250g/m²** Bailey Sure-Coat PU Primer - Metal (Clean) - **50-100g/m²** Bailey Sure-Coat PU ZN Primer - Metal (Rusted)** - 2 layers - **300g/m² x each layer** Bailey Sure-Coat Flexible Porous Deck Primer - Mastic Asphalt Overlay - **100-200g/m²** Bailey Sure-Coat Flexible Porous Deck Primer - Bitumen Felt Overlay - **100-200g/m²** Bailey Sure-Coat PU Primer - PVC Overlay - **50-100g/m²** Bailey Sure-Coat Super PU Primer - TPE/TPO Overlay - **75g/m²**
B	If trim is the same material as the deck, use the same primer here. If trim is of different material, refer to Section A above.
1	Bailey Sure-Coat Top Coat - 1kg/m² coverage
2	Bailey Sure-Coat Glass Fibre Reinforcement Fleece - 150g/m²
3	Bailey Sure-Coat Base Coat - 1kg/m² coverage
	*Damp not wet - Humidity must be less than 10% and not be below 5%. **Rusted metal must be ground off clean prior to application of primer.

Notes:

- If the substrate differs from any of the ones mentioned in the Primer Application Table, then please contact Bailey Roofing Technical Department for more information as to which primer to use.
- All substrates are required to have site adhesion bond tests carried out prior to the application of Bailey Cold-Applied Liquid Waterproofing Systems.
- When applying the glass fibre reinforcement into the wet base-coat, care must be taken to use metal spiked profiled metal rollers to properly embed the reinforcement.
- Ensure no areas of glass fibres have “wick'd”. (Wicking occurs when the fibres are raised up through the liquid. Areas that have wick'd fibres need to be left to dry, cut-out then another patch of reinforcement fleece and another coating of base-coat are to be applied before the application of the top-coat).

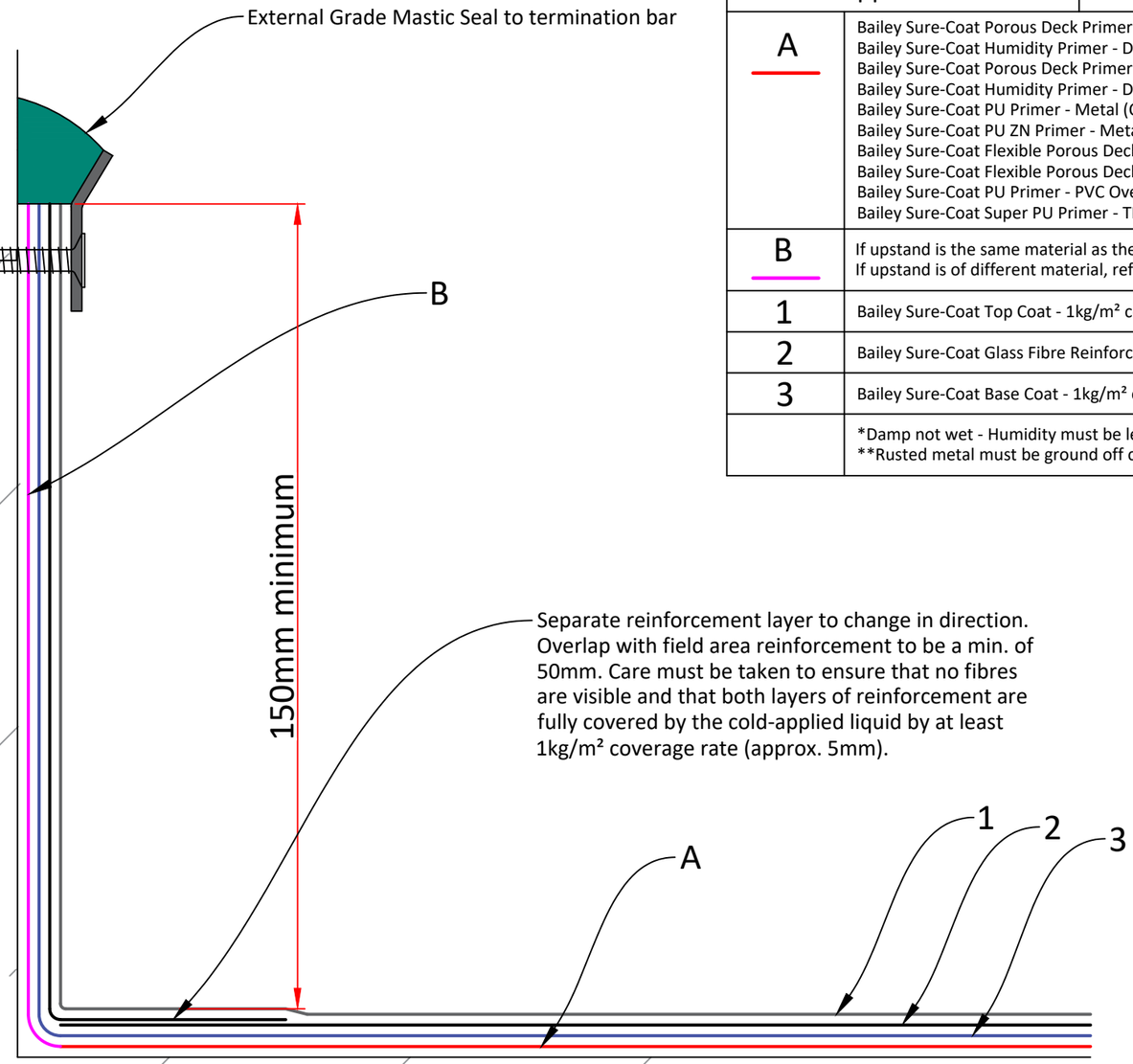
Bailey

Client: STANDARD DETAIL	Drawing Title: Draining Edge Detail		Scale: NTS
			Drawn By: BAILEY
Project Title: BAILEY SURE-COAT COLD-APPLIED LIQUID - OVERLAY ROOF	Drawing Number: H-100-01	Revision: -	Date:
			Status:

B003

Notes:

- If the substrate differs from any of the ones mentioned in the Primer Application Table, then please contact Bailey Roofing Technical Department for more information as to which primer to use.
- All substrates are required to have site adhesion bond tests carried out prior to the application of Bailey Cold-Applied Liquid Waterproofing Systems.
- When applying the glass fibre reinforcement into the wet base-coat, care must be taken to use metal spiked profiled metal rollers to properly embed the reinforcement.
- Ensure no areas of glass fibres have “wick'd”. (Wicking occurs when the fibres are raised up through the liquid. Areas that have wick'd fibres need to be left to dry, cut-out then another patch of reinforcement fleece and another coating of base-coat are to be applied before the application of the top-coat).



Indicative Deck & Substrate

Primer Application Table	
A	Bailey Sure-Coat Porous Deck Primer - Dry Concrete - **100-200g/m²** Bailey Sure-Coat Humidity Primer - Damp Concrete* - 2 component - **250g/m²** Bailey Sure-Coat Porous Deck Primer - Dry Timber - **100-200g/m²** Bailey Sure-Coat Humidity Primer - Damp Timber* - 2 component - **250g/m²** Bailey Sure-Coat PU Primer - Metal (Clean) - **50-100g/m²** Bailey Sure-Coat PU ZN Primer - Metal (Rusted)** - 2 layers - **300g/m² x each layer** Bailey Sure-Coat Flexible Porous Deck Primer - Mastic Asphalt Overlay - **100-200g/m²** Bailey Sure-Coat Flexible Porous Deck Primer - Bitumen Felt Overlay - **100-200g/m²** Bailey Sure-Coat PU Primer - PVC Overlay - **50-100g/m²** Bailey Sure-Coat Super PU Primer - TPE/TPO Overlay - **75g/m²**
B	If upstand is the same material as the deck, use the same primer here. If upstand is of different material, refer to Section A above.
1	Bailey Sure-Coat Top Coat - 1kg/m² coverage
2	Bailey Sure-Coat Glass Fibre Reinforcement Fleece - 150g/m²
3	Bailey Sure-Coat Base Coat - 1kg/m² coverage
	*Damp not wet - Humidity must be less than 10% and not be below 5%. **Rusted metal must be ground off clean prior to application of primer.

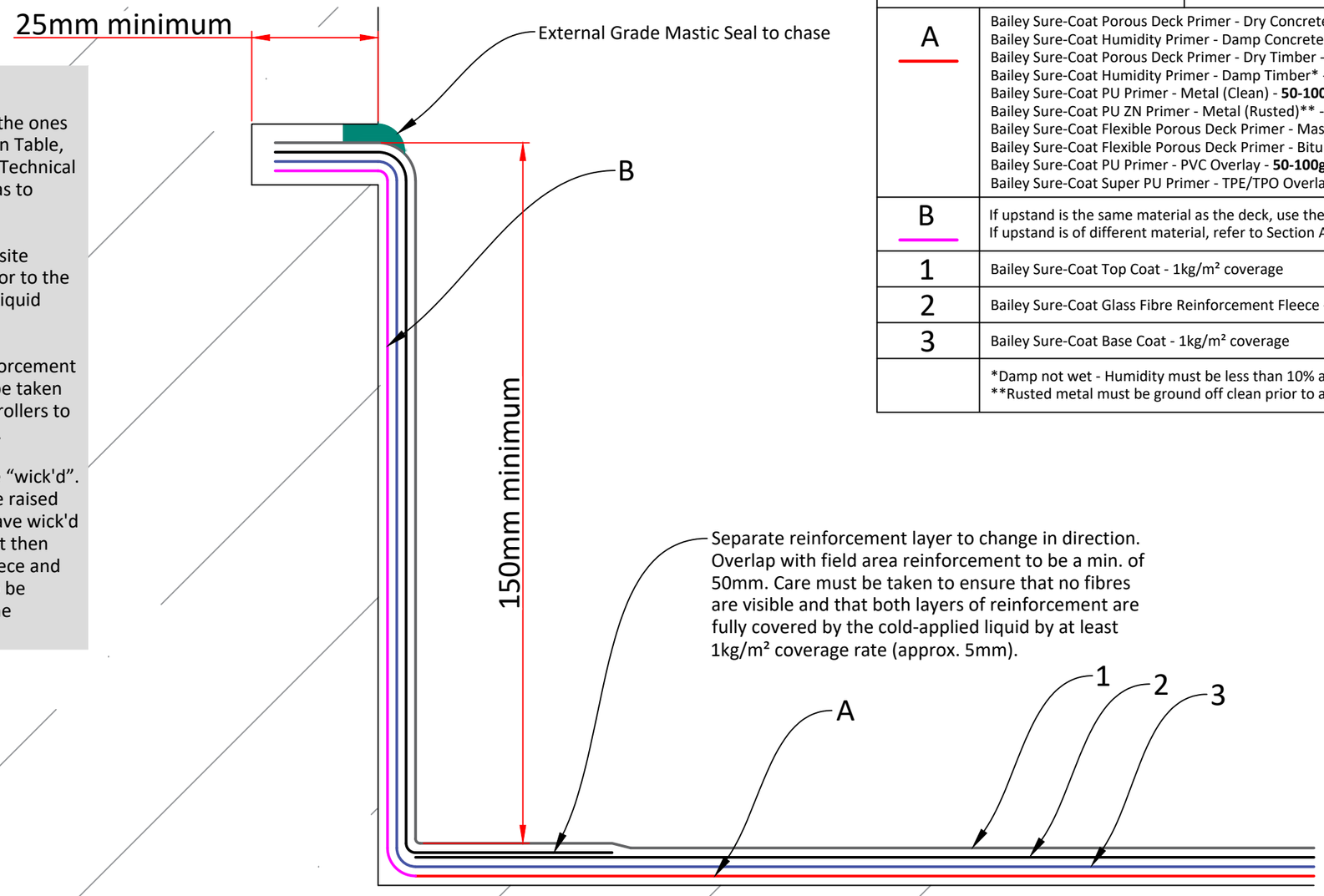
Bailey

Client: STANDARD DETAIL	Drawing Title: Upstand Detail		Scale: NTS
			Drawn By: BAILEY
Project Title: BAILEY SURE-COAT COLD-APPLIED LIQUID - OVERLAY ROOF	Drawing Number: H-150-01	Revision: -	Date
			Status

B003

Notes:

- If the substrate differs from any of the ones mentioned in the Primer Application Table, then please contact Bailey Roofing Technical Department for more information as to which primer to use.
- All substrates are required to have site adhesion bond tests carried out prior to the application of Bailey Cold-Applied Liquid Waterproofing Systems.
- When applying the glass fibre reinforcement into the wet base-coat, care must be taken to use metal spiked profiled metal rollers to properly embed the reinforcement.
- Ensure no areas of glass fibres have “wick'd”. (Wicking occurs when the fibres are raised up through the liquid. Areas that have wick'd fibres need to be left to dry, cut-out then another patch of reinforcement fleece and another coating of base-coat are to be applied before the application of the top-coat).

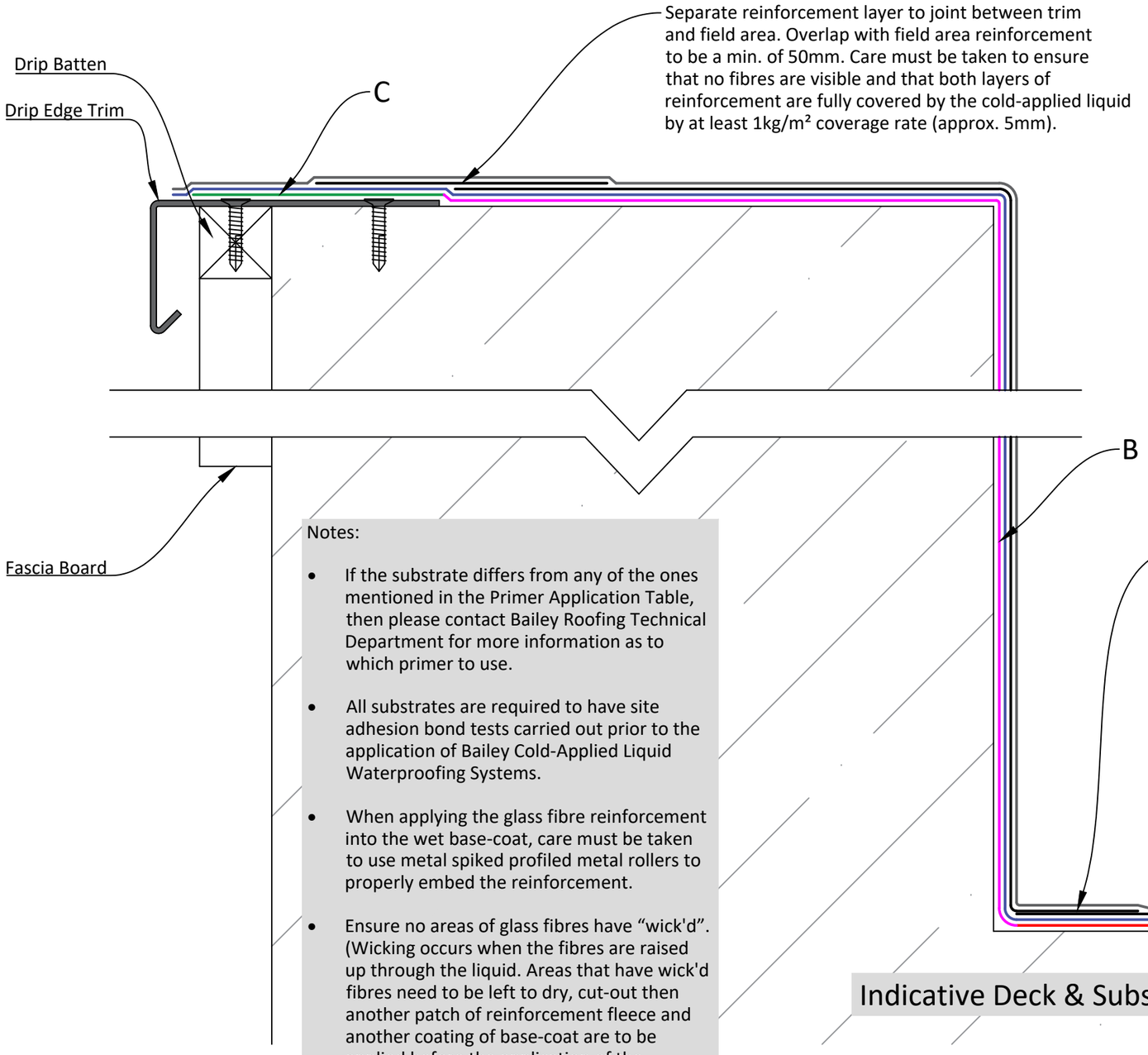


Indicative Deck & Substrate

Primer Application Table	
A	Bailey Sure-Coat Porous Deck Primer - Dry Concrete - **100-200g/m²** Bailey Sure-Coat Humidity Primer - Damp Concrete* - 2 component - **250g/m²** Bailey Sure-Coat Porous Deck Primer - Dry Timber - **100-200g/m²** Bailey Sure-Coat Humidity Primer - Damp Timber* - 2 component - **250g/m²** Bailey Sure-Coat PU Primer - Metal (Clean) - **50-100g/m²** Bailey Sure-Coat PU ZN Primer - Metal (Rusted)** - 2 layers - **300g/m² x each layer** Bailey Sure-Coat Flexible Porous Deck Primer - Mastic Asphalt Overlay - **100-200g/m²** Bailey Sure-Coat Flexible Porous Deck Primer - Bitumen Felt Overlay - **100-200g/m²** Bailey Sure-Coat PU Primer - PVC Overlay - **50-100g/m²** Bailey Sure-Coat Super PU Primer - TPE/TPO Overlay - **75g/m²**
B	If upstand is the same material as the deck, use the same primer here. If upstand is of different material, refer to Section A above.
1	Bailey Sure-Coat Top Coat - 1kg/m² coverage
2	Bailey Sure-Coat Glass Fibre Reinforcement Fleece - 150g/m²
3	Bailey Sure-Coat Base Coat - 1kg/m² coverage
	*Damp not wet - Humidity must be less than 10% and not be below 5%. **Rusted metal must be ground off clean prior to application of primer.

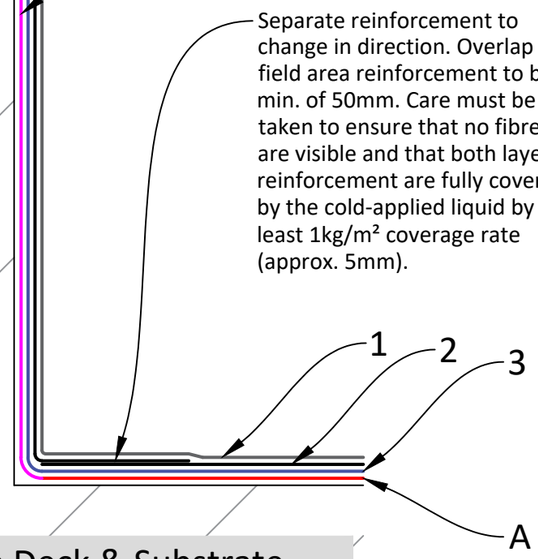
Bailey

Client: STANDARD DETAIL	Drawing Title: Upstand Detail		Scale: NTS Drawn By: BAILEY
Project Title: BAILEY SURE-COAT COLD-APPLIED LIQUID - OVERLAY ROOF	Drawing Number: H-150-02	Revision: -	Date Status



Notes:

- If the substrate differs from any of the ones mentioned in the Primer Application Table, then please contact Bailey Roofing Technical Department for more information as to which primer to use.
- All substrates are required to have site adhesion bond tests carried out prior to the application of Bailey Cold-Applied Liquid Waterproofing Systems.
- When applying the glass fibre reinforcement into the wet base-coat, care must be taken to use metal spiked profiled metal rollers to properly embed the reinforcement.
- Ensure no areas of glass fibres have “wick'd”. (Wicking occurs when the fibres are raised up through the liquid. Areas that have wick'd fibres need to be left to dry, cut-out then another patch of reinforcement fleece and another coating of base-coat are to be applied before the application of the top-coat).



Indicative Deck & Substrate

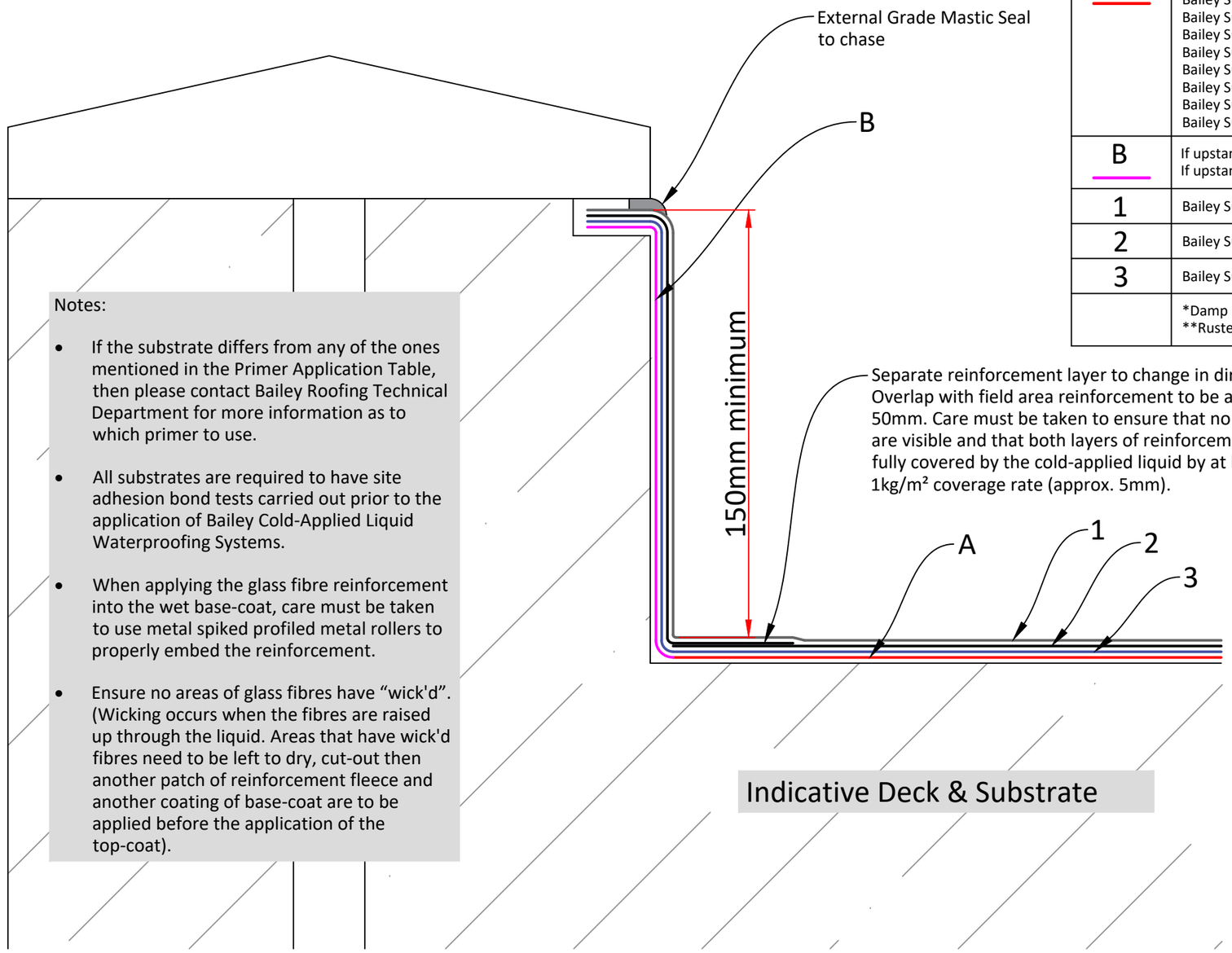
Primer Application Table	
A	Bailey Sure-Coat Porous Deck Primer - Dry Concrete - **100-200g/m²** Bailey Sure-Coat Humidity Primer - Damp Concrete* - 2 component - **250g/m²** Bailey Sure-Coat Porous Deck Primer - Dry Timber - **100-200g/m²** Bailey Sure-Coat Humidity Primer - Damp Timber* - 2 component - **250g/m²** Bailey Sure-Coat PU Primer - Metal (Clean) - **50-100g/m²** Bailey Sure-Coat PU ZN Primer - Metal (Rusted)** - 2 layers - **300g/m² x each layer** Bailey Sure-Coat Flexible Porous Deck Primer - Mastic Asphalt Overlay - **100-200g/m²** Bailey Sure-Coat Flexible Porous Deck Primer - Bitumen Felt Overlay - **100-200g/m²** Bailey Sure-Coat PU Primer - PVC Overlay - **50-100g/m²** Bailey Sure-Coat Super PU Primer - TPE/TPO Overlay - **75g/m²**
B	If parapet wall is the same material as the deck, use the same primer here. If parapet wall is of different material, refer to Section A above.
C	Refer to Section A above and use correct primer according to drip trim material height.
1	Bailey Sure-Coat Top Coat - 1kg/m² coverage
2	Bailey Sure-Coat Glass Fibre Reinforcement Fleece - 150g/m²
3	Bailey Sure-Coat Base Coat - 1kg/m² coverage
	*Damp not wet - Humidity must be less than 10% and not be below 5%. **Rusted metal must be ground off clean prior to application of primer.

B003

Bailey

Client: STANDARD DETAIL	Drawing Title: Parapet Wall Detail		Scale: NTS Drawn By: BAILEY
Project Title: BAILEY SURE-COAT COLD-APPLIED LIQUID - OVERLAY ROOF	Drawing Number: H-200-01	Revision: -	Date Status

B003



Indicative Deck & Substrate

Primer Application Table	
A	Bailey Sure-Coat Porous Deck Primer - Dry Concrete - **100-200g/m²** Bailey Sure-Coat Humidity Primer - Damp Concrete* - 2 component - **250g/m²** Bailey Sure-Coat Porous Deck Primer - Dry Timber - **100-200g/m²** Bailey Sure-Coat Humidity Primer - Damp Timber* - 2 component - **250g/m²** Bailey Sure-Coat PU Primer - Metal (Clean) - **50-100g/m²** Bailey Sure-Coat PU ZN Primer - Metal (Rusted)** - 2 layers - **300g/m² x each layer** Bailey Sure-Coat Flexible Porous Deck Primer - Mastic Asphalt Overlay - **100-200g/m²** Bailey Sure-Coat Flexible Porous Deck Primer - Bitumen Felt Overlay - **100-200g/m²** Bailey Sure-Coat PU Primer - PVC Overlay - **50-100g/m²** Bailey Sure-Coat Super PU Primer - TPE/TPO Overlay - **75g/m²**
B	If upstand is the same material as the deck, use the same primer here. If upstand is of different material, refer to Section A above.
1	Bailey Sure-Coat Top Coat - 1kg/m² coverage
2	Bailey Sure-Coat Glass Fibre Reinforcement Fleece - 150g/m²
3	Bailey Sure-Coat Base Coat - 1kg/m² coverage
	*Damp not wet - Humidity must be less than 10% and not be below 5%. **Rusted metal must be ground off clean prior to application of primer.

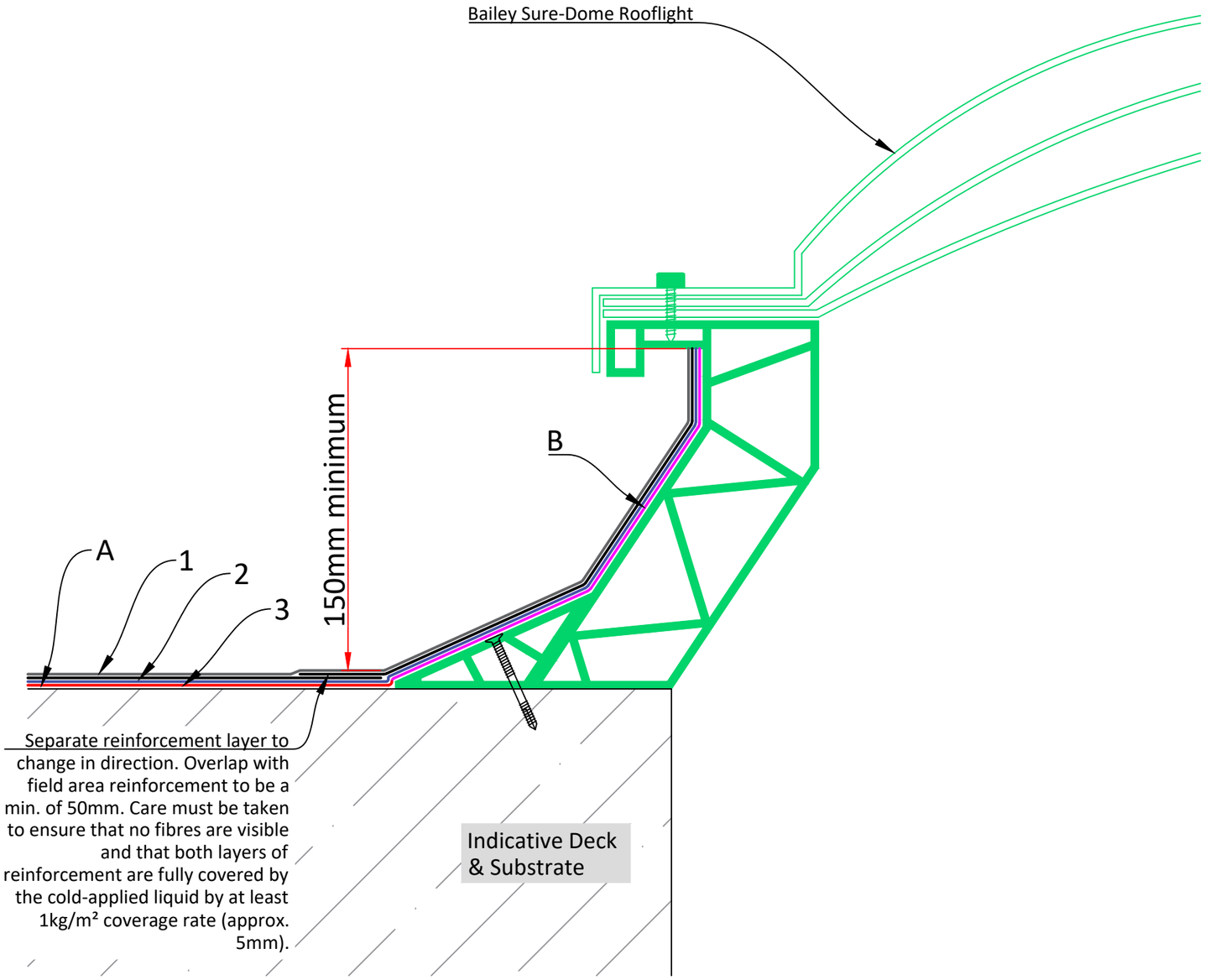
Notes:

- If the substrate differs from any of the ones mentioned in the Primer Application Table, then please contact Bailey Roofing Technical Department for more information as to which primer to use.
- All substrates are required to have site adhesion bond tests carried out prior to the application of Bailey Cold-Applied Liquid Waterproofing Systems.
- When applying the glass fibre reinforcement into the wet base-coat, care must be taken to use metal spiked profiled metal rollers to properly embed the reinforcement.
- Ensure no areas of glass fibres have “wick'd”. (Wicking occurs when the fibres are raised up through the liquid. Areas that have wick'd fibres need to be left to dry, cut-out then another patch of reinforcement fleece and another coating of base-coat are to be applied before the application of the top-coat).

Bailey

Client: STANDARD DETAIL	Drawing Title: Parapet Wall Detail		Scale: NTS
			Drawn By: BAILEY
Project Title: BAILEY SURE-COAT COLD-APPLIED LIQUID - OVERLAY ROOF	Drawing Number: H-200-02	Revision: -	Date
			Status

B003



Primer Application Table	
A	Bailey Sure-Coat Porous Deck Primer - Dry Concrete - **100-200g/m²** Bailey Sure-Coat Humidity Primer - Damp Concrete* - 2 component - **250g/m²** Bailey Sure-Coat Porous Deck Primer - Dry Timber - **100-200g/m²** Bailey Sure-Coat Humidity Primer - Damp Timber* - 2 component - **250g/m²** Bailey Sure-Coat PU Primer - Metal (Clean) - **50-100g/m²** Bailey Sure-Coat PU ZN Primer - Metal (Rusted)** - 2 layers - **300g/m² x each layer** Bailey Sure-Coat Flexible Porous Deck Primer - Mastic Asphalt Overlay - **100-200g/m²** Bailey Sure-Coat Flexible Porous Deck Primer - Bitumen Felt Overlay - **100-200g/m²** Bailey Sure-Coat PU Primer - PVC Overlay - **50-100g/m²** Bailey Sure-Coat Super PU Primer - TPE/TPO Overlay - **75g/m²**
B	If upstand is the same material as the deck, use the same primer here. If upstand is of different material, refer to Section A above.
1	Bailey Sure-Coat Top Coat - 1kg/m² coverage
2	Bailey Sure-Coat Glass Fibre Reinforcement Fleece - 150g/m²
3	Bailey Sure-Coat Base Coat - 1kg/m² coverage
	*Damp not wet - Humidity must be less than 10% and not be below 5%. **Rusted metal must be ground off clean prior to application of primer.

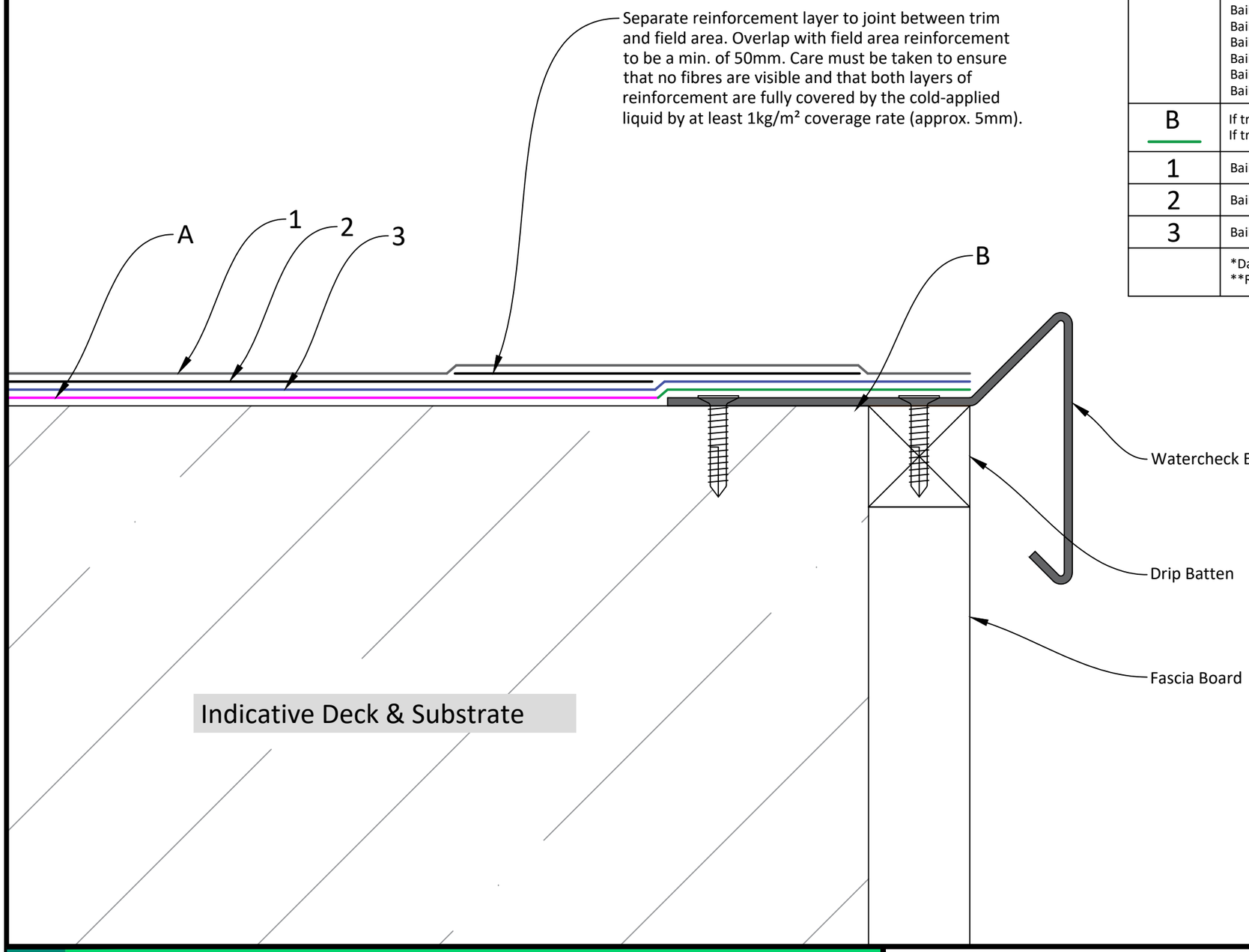
Notes:

- If the substrate differs from any of the ones mentioned in the Primer Application Table, then please contact Bailey Roofing Technical Department for more information as to which primer to use.
- All substrates are required to have site adhesion bond tests carried out prior to the application of Bailey Cold-Applied Liquid Waterproofing Systems.
- When applying the glass fibre reinforcement into the wet base-coat, care must be taken to use metal spiked profiled metal rollers to properly embed the reinforcement.
- Ensure no areas of glass fibres have “wick'd”. (Wicking occurs when the fibres are raised up through the liquid. Areas that have wick'd fibres need to be left to dry, cut-out then another patch of reinforcement fleece and another coating of base-coat are to be applied before the application of the top-coat).

Bailey

Client: STANDARD DETAIL	Drawing Title: Rooflight Detail		Scale: NTS
			Drawn By: BAILEY
Project Title: BAILEY SURE-COAT COLD-APPLIED LIQUID - OVERLAY ROOF	Drawing Number: H-250-01	Revision: -	Date:
			Status:

B003



Primer Application Table	
A	Bailey Sure-Coat Porous Deck Primer - Dry Concrete - **100-200g/m²** Bailey Sure-Coat Humidity Primer - Damp Concrete* - 2 component - **250g/m²** Bailey Sure-Coat Porous Deck Primer - Dry Timber - **100-200g/m²** Bailey Sure-Coat Humidity Primer - Damp Timber* - 2 component - **250g/m²** Bailey Sure-Coat PU Primer - Metal (Clean) - **50-100g/m²** Bailey Sure-Coat PU ZN Primer - Metal (Rusted)** - 2 layers - **300g/m² x each layer** Bailey Sure-Coat Flexible Porous Deck Primer - Mastic Asphalt Overlay - **100-200g/m²** Bailey Sure-Coat Flexible Porous Deck Primer - Bitumen Felt Overlay - **100-200g/m²** Bailey Sure-Coat PU Primer - PVC Overlay - **50-100g/m²** Bailey Sure-Coat Super PU Primer - TPE/TPO Overlay - **75g/m²**
B	If trim is the same material as the deck, use the same primer here. If trim is of different material, refer to Section A above.
1	Bailey Sure-Coat Top Coat - 1kg/m² coverage
2	Bailey Sure-Coat Glass Fibre Reinforcement Fleece - 150g/m²
3	Bailey Sure-Coat Base Coat - 1kg/m² coverage
	*Damp not wet - Humidity must be less than 10% and not be below 5%. **Rusted metal must be ground off clean prior to application of primer.

Notes:

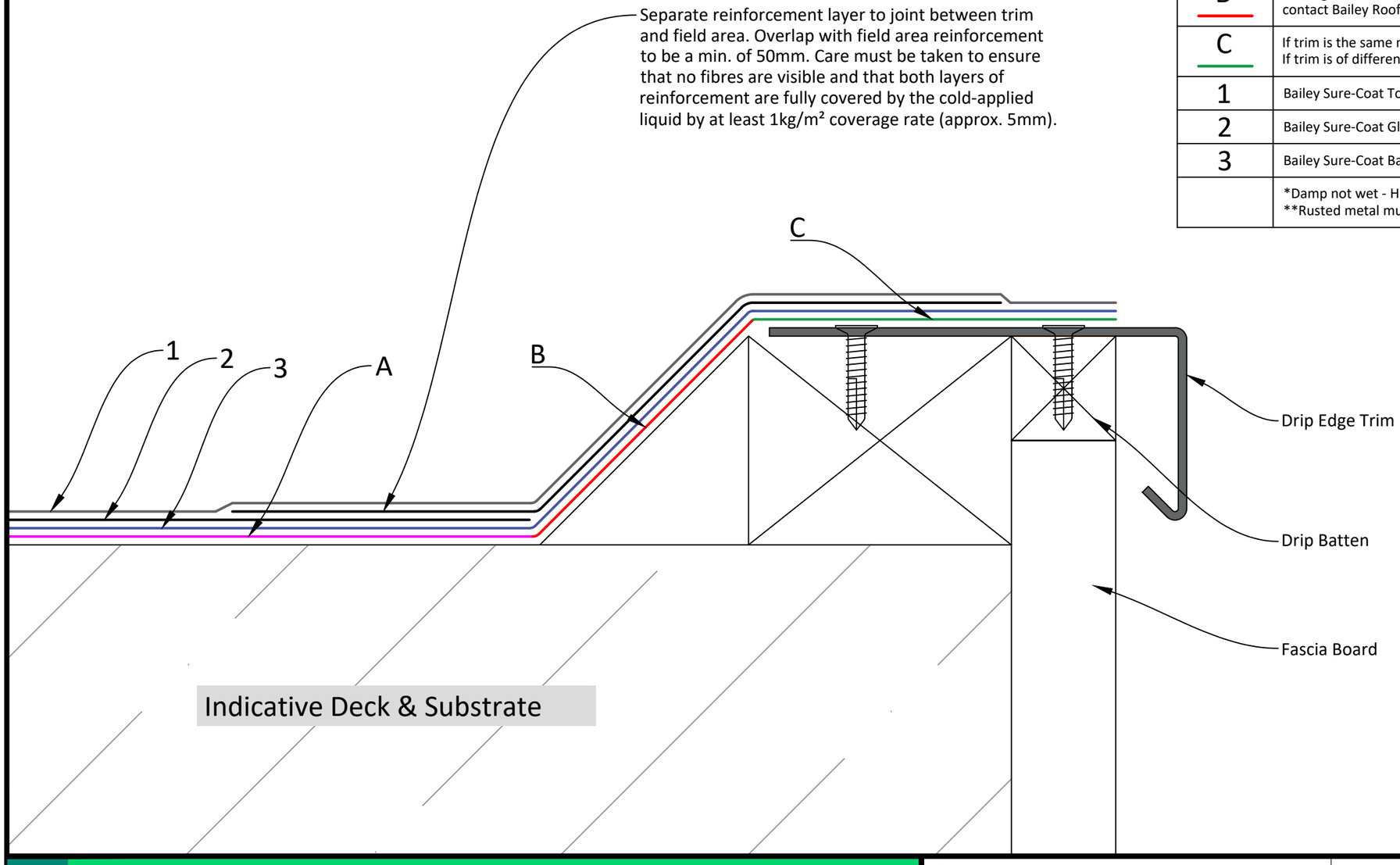
- If the substrate differs from any of the ones mentioned in the Primer Application Table, then please contact Bailey Roofing Technical Department for more information as to which primer to use.
- All substrates are required to have site adhesion bond tests carried out prior to the application of Bailey Cold-Applied Liquid Waterproofing Systems.
- When applying the glass fibre reinforcement into the wet base-coat, care must be taken to use metal spiked profiled metal rollers to properly embed the reinforcement.
- Ensure no areas of glass fibres have “wick'd”. (Wicking occurs when the fibres are raised up through the liquid. Areas that have wick'd fibres need to be left to dry, cut-out then another patch of reinforcement fleece and another coating of base-coat are to be applied before the application of the top-coat).

Bailey

Client: STANDARD DETAIL	Drawing Title: Watercheck Detail		Scale: NTS
			Drawn By: BAILEY
Project Title: BAILEY SURE-COAT COLD-APPLIED LIQUID - OVERLAY ROOF	Drawing Number: H-300-01	Revision: -	Date:
			Status:

B003

Primer Application Table	
A	Bailey Sure-Coat Porous Deck Primer - Dry Concrete - **100-200g/m²** Bailey Sure-Coat Humidity Primer - Damp Concrete* - 2 component - **250g/m²** Bailey Sure-Coat Porous Deck Primer - Dry Timber - **100-200g/m²** Bailey Sure-Coat Humidity Primer - Damp Timber* - 2 component - **250g/m²** Bailey Sure-Coat PU Primer - Metal (Clean) - **50-100g/m²** Bailey Sure-Coat PU ZN Primer - Metal (Rusted)** - 2 layers - **300g/m² x each layer** Bailey Sure-Coat Flexible Porous Deck Primer - Mastic Asphalt Overlay - **100-200g/m²** Bailey Sure-Coat Flexible Porous Deck Primer - Bitumen Felt Overlay - **100-200g/m²** Bailey Sure-Coat PU Primer - PVC Overlay - **50-100g/m²** Bailey Sure-Coat Super PU Primer - TPE/TPO Overlay - **75g/m²**
B	For angle fillet, refer to Section A above. If angle fillet material is not in the table, contact Bailey Roofing Technical Department.
C	If trim is the same material as the deck, use the same primer here. If trim is of different material, refer to Section A above.
1	Bailey Sure-Coat Top Coat - 1kg/m² coverage
2	Bailey Sure-Coat Glass Fibre Reinforcement Fleece - 150g/m²
3	Bailey Sure-Coat Base Coat - 1kg/m² coverage
	*Damp not wet - Humidity must be less than 10% and not be below 5%. **Rusted metal must be ground off clean prior to application of primer.



Notes:

- If the substrate differs from any of the ones mentioned in the Primer Application Table, then please contact Bailey Roofing Technical Department for more information as to which primer to use.
- All substrates are required to have site adhesion bond tests carried out prior to the application of Bailey Cold-Applied Liquid Waterproofing Systems.
- When applying the glass fibre reinforcement into the wet base-coat, care must be taken to use metal spiked profiled metal rollers to properly embed the reinforcement.
- Ensure no areas of glass fibres have “wick'd”. (Wicking occurs when the fibres are raised up through the liquid. Areas that have wick'd fibres need to be left to dry, cut-out then another patch of reinforcement fleece and another coating of base-coat are to be applied before the application of the top-coat).

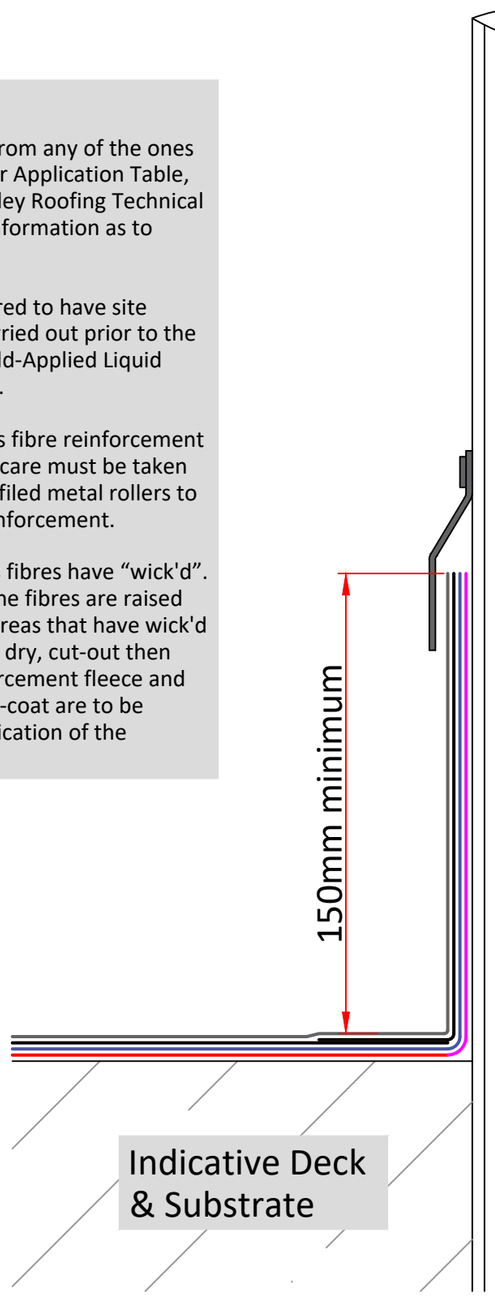
Bailey

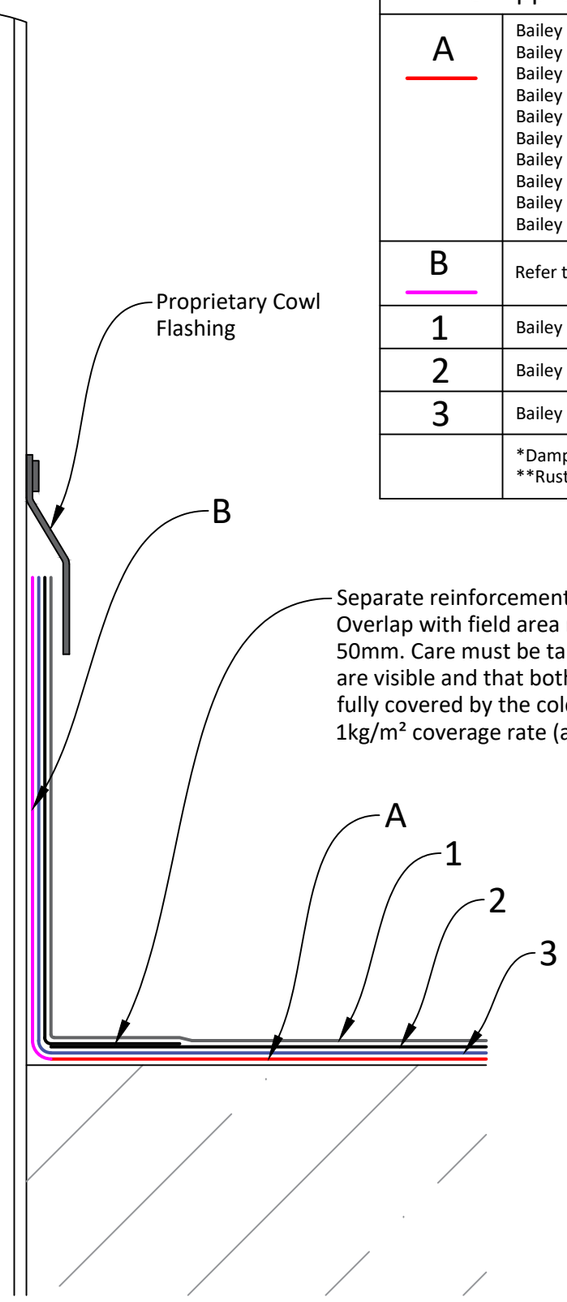
Client: STANDARD DETAIL	Drawing Title: Watercheck Detail		Scale: NTS
			Drawn By: BAILEY
Project Title: BAILEY SURE-COAT COLD-APPLIED LIQUID - OVERLAY ROOF	Drawing Number: H-300-02	Revision: -	Date
			Status

B003

Notes:

- If the substrate differs from any of the ones mentioned in the Primer Application Table, then please contact Bailey Roofing Technical Department for more information as to which primer to use.
- All substrates are required to have site adhesion bond tests carried out prior to the application of Bailey Cold-Applied Liquid Waterproofing Systems.
- When applying the glass fibre reinforcement into the wet base-coat, care must be taken to use metal spiked profiled metal rollers to properly embed the reinforcement.
- Ensure no areas of glass fibres have “wick'd”. (Wicking occurs when the fibres are raised up through the liquid. Areas that have wick'd fibres need to be left to dry, cut-out then another patch of reinforcement fleece and another coating of base-coat are to be applied before the application of the top-coat).





Separate reinforcement layer to change in direction. Overlap with field area reinforcement to be a min. of 50mm. Care must be taken to ensure that no fibres are visible and that both layers of reinforcement are fully covered by the cold-applied liquid by at least 1kg/m² coverage rate (approx. 5mm).

Primer Application Table	
A	Bailey Sure-Coat Porous Deck Primer - Dry Concrete - **100-200g/m²** Bailey Sure-Coat Humidity Primer - Damp Concrete* - 2 component - **250g/m²** Bailey Sure-Coat Porous Deck Primer - Dry Timber - **100-200g/m²** Bailey Sure-Coat Humidity Primer - Damp Timber* - 2 component - **250g/m²** Bailey Sure-Coat PU Primer - Metal (Clean) - **50-100g/m²** Bailey Sure-Coat PU ZN Primer - Metal (Rusted)** - 2 layers - **300g/m² x each layer** Bailey Sure-Coat Flexible Porous Deck Primer - Mastic Asphalt Overlay - **100-200g/m²** Bailey Sure-Coat Flexible Porous Deck Primer - Bitumen Felt Overlay - **100-200g/m²** Bailey Sure-Coat PU Primer - PVC Overlay - **50-100g/m²** Bailey Sure-Coat Super PU Primer - TPE/TPO Overlay - **75g/m²**
B	Refer to Section A above and use correct primer according to pipe material.
1	Bailey Sure-Coat Top Coat - 1kg/m² coverage
2	Bailey Sure-Coat Glass Fibre Reinforcement Fleece - 150g/m²
3	Bailey Sure-Coat Base Coat - 1kg/m² coverage
	*Damp not wet - Humidity must be less than 10% and not be below 5%. **Rusted metal must be ground off clean prior to application of primer.

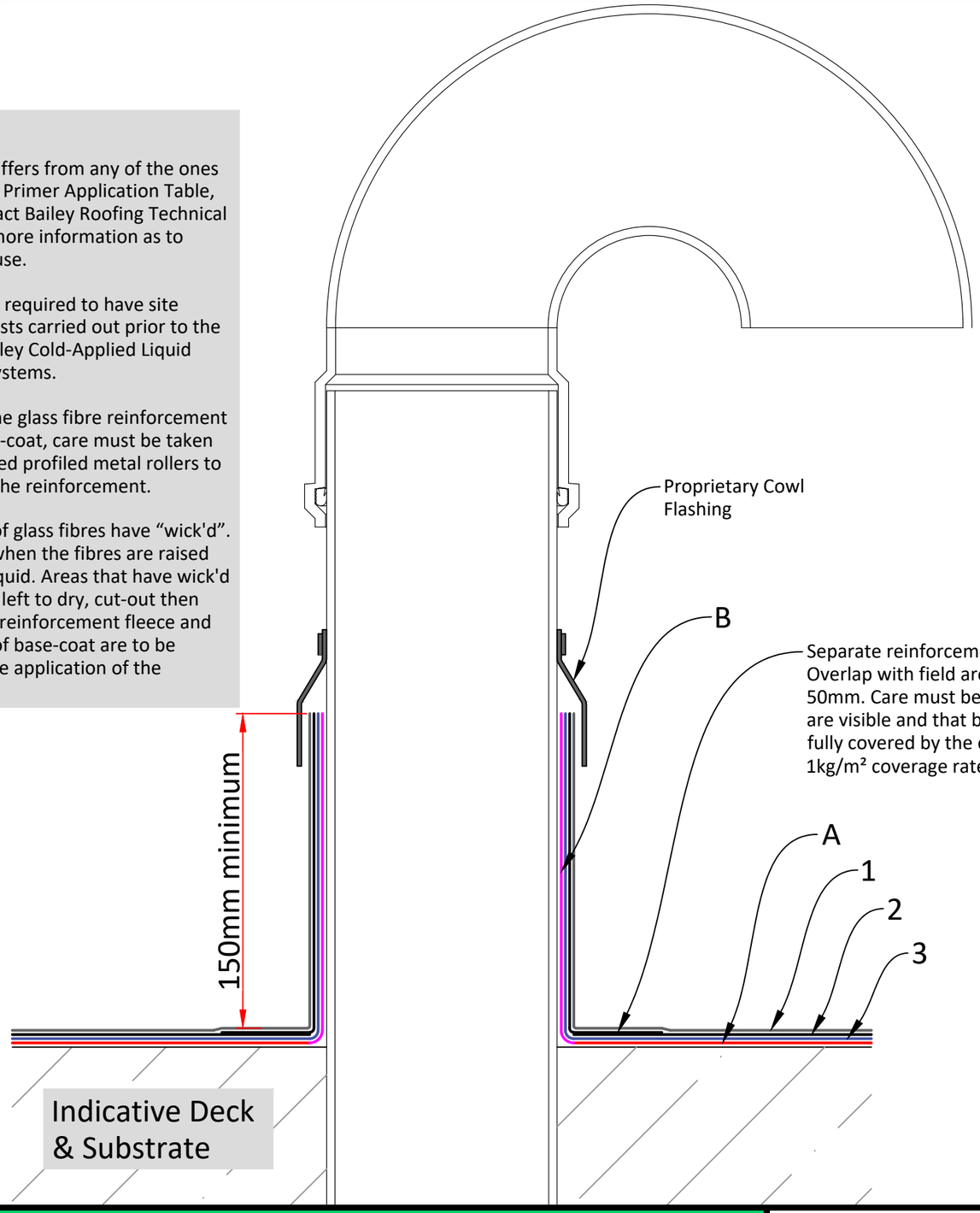
Bailey

Client: STANDARD DETAIL	Drawing Title: Pipe/Penetration Detail		Scale: NTS
			Drawn By: BAILEY
Project Title: BAILEY SURE-COAT COLD-APPLIED LIQUID - OVERLAY ROOF	Drawing Number: H-500-01	Revision: -	Date
			Status

B003

Notes:

- If the substrate differs from any of the ones mentioned in the Primer Application Table, then please contact Bailey Roofing Technical Department for more information as to which primer to use.
- All substrates are required to have site adhesion bond tests carried out prior to the application of Bailey Cold-Applied Liquid Waterproofing Systems.
- When applying the glass fibre reinforcement into the wet base-coat, care must be taken to use metal spiked profiled metal rollers to properly embed the reinforcement.
- Ensure no areas of glass fibres have “wick'd”. (Wicking occurs when the fibres are raised up through the liquid. Areas that have wick'd fibres need to be left to dry, cut-out then another patch of reinforcement fleece and another coating of base-coat are to be applied before the application of the top-coat).



Primer Application Table	
A	Bailey Sure-Coat Porous Deck Primer - Dry Concrete - **100-200g/m²** Bailey Sure-Coat Humidity Primer - Damp Concrete* - 2 component - **250g/m²** Bailey Sure-Coat Porous Deck Primer - Dry Timber - **100-200g/m²** Bailey Sure-Coat Humidity Primer - Damp Timber* - 2 component - **250g/m²** Bailey Sure-Coat PU Primer - Metal (Clean) - **50-100g/m²** Bailey Sure-Coat PU ZN Primer - Metal (Rusted)** - 2 layers - **300g/m² x each layer** Bailey Sure-Coat Flexible Porous Deck Primer - Mastic Asphalt Overlay - **100-200g/m²** Bailey Sure-Coat Flexible Porous Deck Primer - Bitumen Felt Overlay - **100-200g/m²** Bailey Sure-Coat PU Primer - PVC Overlay - **50-100g/m²** Bailey Sure-Coat Super PU Primer - TPE/TPO Overlay - **75g/m²**
B	Refer to Section A above and use correct primer according to pipe material.
1	Bailey Sure-Coat Top Coat - 1kg/m² coverage
2	Bailey Sure-Coat Glass Fibre Reinforcement Fleece - 150g/m²
3	Bailey Sure-Coat Base Coat - 1kg/m² coverage
	*Damp not wet - Humidity must be less than 10% and not be below 5%. **Rusted metal must be ground off clean prior to application of primer.

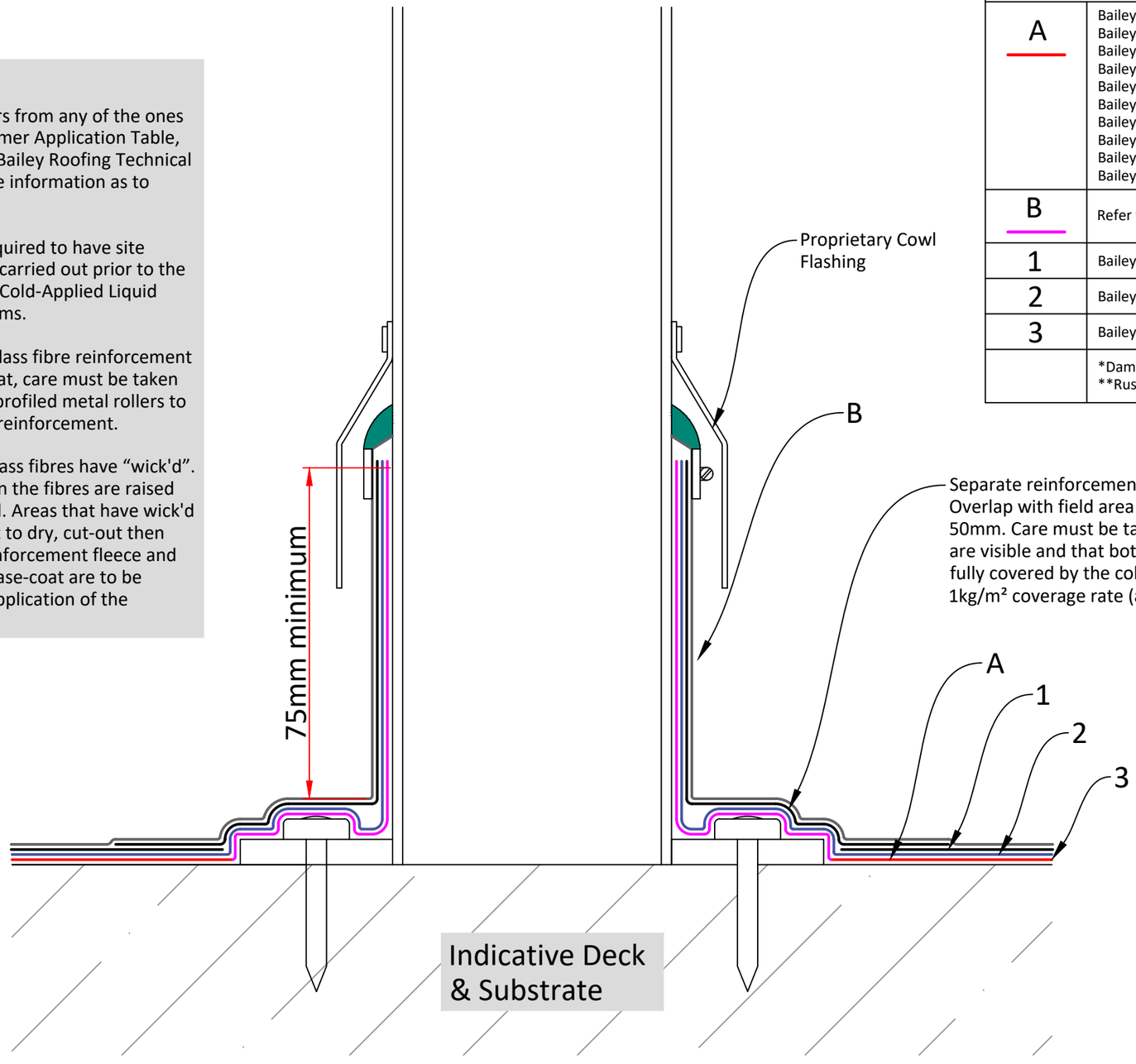
Bailey

Client: STANDARD DETAIL	Drawing Title: Vent/Cable Duct		Scale: NTS
			Drawn By: BAILEY
Project Title: BAILEY SURE-COAT COLD-APPLIED LIQUID - OVERLAY ROOF	Drawing Number: H-500-02	Revision: -	Date
			Status

B003

Notes:

- If the substrate differs from any of the ones mentioned in the Primer Application Table, then please contact Bailey Roofing Technical Department for more information as to which primer to use.
- All substrates are required to have site adhesion bond tests carried out prior to the application of Bailey Cold-Applied Liquid Waterproofing Systems.
- When applying the glass fibre reinforcement into the wet base-coat, care must be taken to use metal spiked profiled metal rollers to properly embed the reinforcement.
- Ensure no areas of glass fibres have “wick'd”. (Wicking occurs when the fibres are raised up through the liquid. Areas that have wick'd fibres need to be left to dry, cut-out then another patch of reinforcement fleece and another coating of base-coat are to be applied before the application of the top-coat).



Primer Application Table	
A	Bailey Sure-Coat Porous Deck Primer - Dry Concrete - **100-200g/m²** Bailey Sure-Coat Humidity Primer - Damp Concrete* - 2 component - **250g/m²** Bailey Sure-Coat Porous Deck Primer - Dry Timber - **100-200g/m²** Bailey Sure-Coat Humidity Primer - Damp Timber* - 2 component - **250g/m²** Bailey Sure-Coat PU Primer - Metal (Clean) - **50-100g/m²** Bailey Sure-Coat PU ZN Primer - Metal (Rusted)** - 2 layers - **300g/m² x each layer** Bailey Sure-Coat Flexible Porous Deck Primer - Mastic Asphalt Overlay - **100-200g/m²** Bailey Sure-Coat Flexible Porous Deck Primer - Bitumen Felt Overlay - **100-200g/m²** Bailey Sure-Coat PU Primer - PVC Overlay - **50-100g/m²** Bailey Sure-Coat Super PU Primer - TPE/TPO Overlay - **75g/m²**
B	Refer to Section A above and use correct primer according to pipe material.
1	Bailey Sure-Coat Top Coat - 1kg/m² coverage
2	Bailey Sure-Coat Glass Fibre Reinforcement Fleece - 150g/m²
3	Bailey Sure-Coat Base Coat - 1kg/m² coverage
	*Damp not wet - Humidity must be less than 10% and not be below 5%. **Rusted metal must be ground off clean prior to application of primer.

Bailey

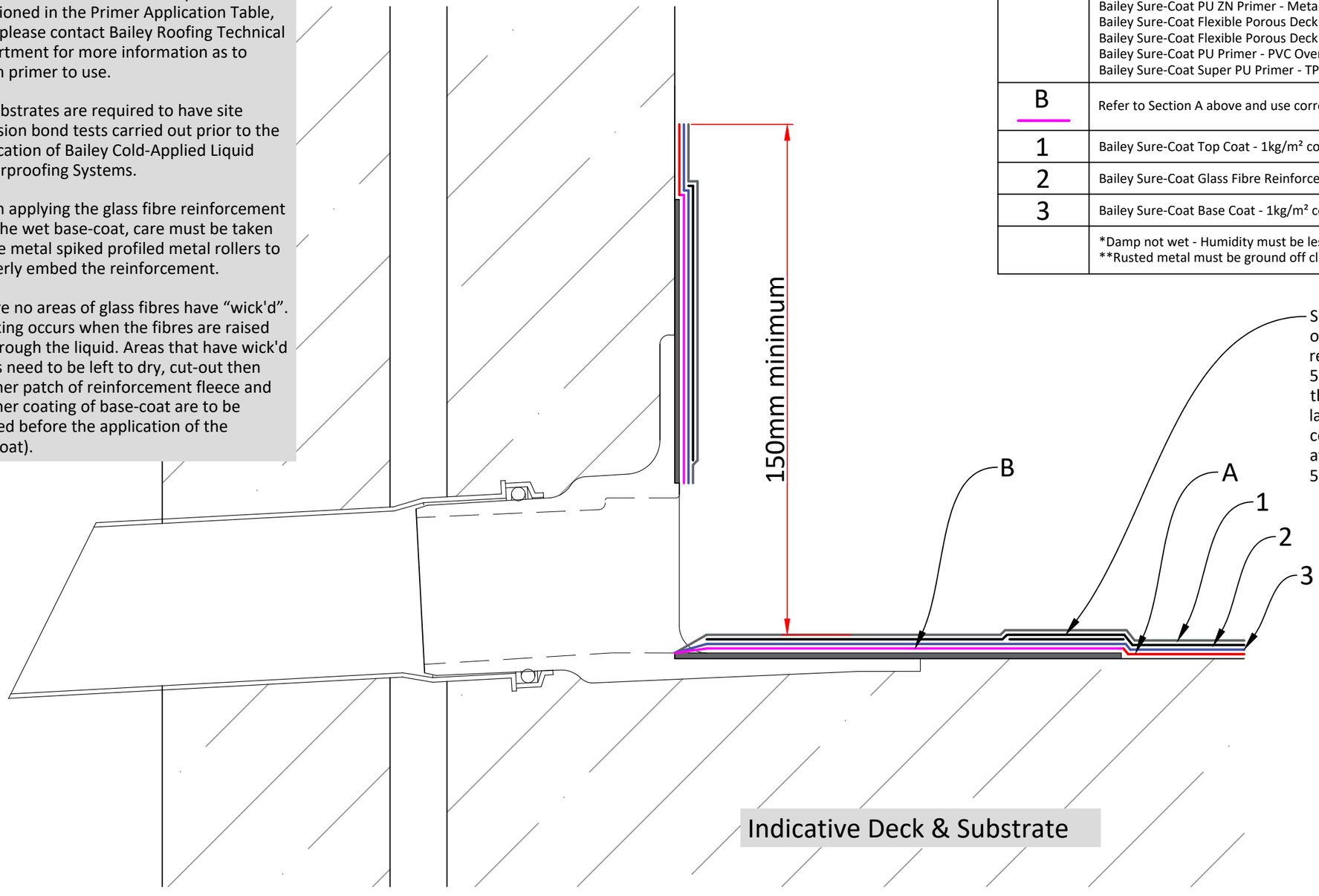
Client: STANDARD DETAIL	Drawing Title: Balustrade Post Detail		Scale: NTS
			Drawn By: BAILEY
Project Title: BAILEY SURE-COAT COLD-APPLIED LIQUID - OVERLAY ROOF	Drawing Number: H-500-03	Revision: -	Date
			Status

B003

Notes:

- If the substrate differs from any of the ones mentioned in the Primer Application Table, then please contact Bailey Roofing Technical Department for more information as to which primer to use.
- All substrates are required to have site adhesion bond tests carried out prior to the application of Bailey Cold-Applied Liquid Waterproofing Systems.
- When applying the glass fibre reinforcement into the wet base-coat, care must be taken to use metal spiked profiled metal rollers to properly embed the reinforcement.
- Ensure no areas of glass fibres have “wick'd”. (Wicking occurs when the fibres are raised up through the liquid. Areas that have wick'd fibres need to be left to dry, cut-out then another patch of reinforcement fleece and another coating of base-coat are to be applied before the application of the top-coat).

Primer Application Table	
A	Bailey Sure-Coat Porous Deck Primer - Dry Concrete - **100-200g/m²** Bailey Sure-Coat Humidity Primer - Damp Concrete* - 2 component - **250g/m²** Bailey Sure-Coat Porous Deck Primer - Dry Timber - **100-200g/m²** Bailey Sure-Coat Humidity Primer - Damp Timber* - 2 component - **250g/m²** Bailey Sure-Coat PU Primer - Metal (Clean) - **50-100g/m²** Bailey Sure-Coat PU ZN Primer - Metal (Rusted)** - 2 layers - **300g/m² x each layer** Bailey Sure-Coat Flexible Porous Deck Primer - Mastic Asphalt Overlay - **100-200g/m²** Bailey Sure-Coat Flexible Porous Deck Primer - Bitumen Felt Overlay - **100-200g/m²** Bailey Sure-Coat PU Primer - PVC Overlay - **50-100g/m²** Bailey Sure-Coat Super PU Primer - TPE/TPO Overlay - **75g/m²**
B	Refer to Section A above and use correct primer according to pipe material.
1	Bailey Sure-Coat Top Coat - 1kg/m² coverage
2	Bailey Sure-Coat Glass Fibre Reinforcement Fleece - 150g/m²
3	Bailey Sure-Coat Base Coat - 1kg/m² coverage
	*Damp not wet - Humidity must be less than 10% and not be below 5%. **Rusted metal must be ground off clean prior to application of primer.



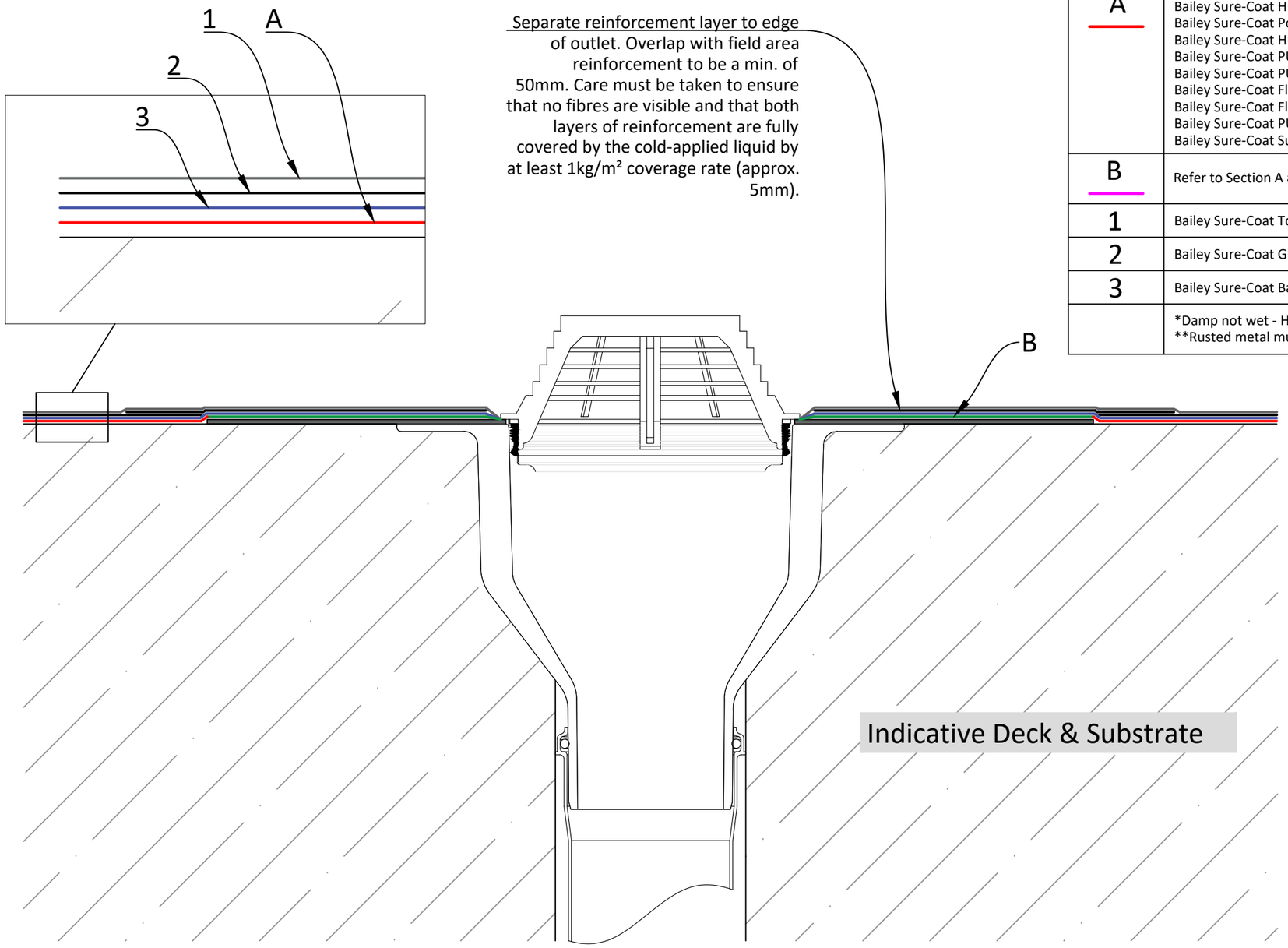
Separate reinforcement layer to edge of outlet. Overlap with field area reinforcement to be a min. of 50mm. Care must be taken to ensure that no fibres are visible and that both layers of reinforcement are fully covered by the cold-applied liquid by at least 1kg/m² coverage rate (approx. 5mm).

Indicative Deck & Substrate

Bailey

Client: STANDARD DETAIL	Drawing Title: Parapet Outlet Detail		Scale: NTS
			Drawn By: BAILEY
Project Title: BAILEY SURE-COAT COLD-APPLIED LIQUID - OVERLAY ROOF	Drawing Number: H-600-01	Revision: -	Date
			Status

B003



Separate reinforcement layer to edge of outlet. Overlap with field area reinforcement to be a min. of 50mm. Care must be taken to ensure that no fibres are visible and that both layers of reinforcement are fully covered by the cold-applied liquid by at least 1kg/m² coverage rate (approx. 5mm).

Indicative Deck & Substrate

Primer Application Table

A	Bailey Sure-Coat Porous Deck Primer - Dry Concrete - **100-200g/m²** Bailey Sure-Coat Humidity Primer - Damp Concrete* - 2 component - **250g/m²** Bailey Sure-Coat Porous Deck Primer - Dry Timber - **100-200g/m²** Bailey Sure-Coat Humidity Primer - Damp Timber* - 2 component - **250g/m²** Bailey Sure-Coat PU Primer - Metal (Clean) - **50-100g/m²** Bailey Sure-Coat PU ZN Primer - Metal (Rusted)** - 2 layers - **300g/m² x each layer** Bailey Sure-Coat Flexible Porous Deck Primer - Mastic Asphalt Overlay - **100-200g/m²** Bailey Sure-Coat Flexible Porous Deck Primer - Bitumen Felt Overlay - **100-200g/m²** Bailey Sure-Coat PU Primer - PVC Overlay - **50-100g/m²** Bailey Sure-Coat Super PU Primer - TPE/TPO Overlay - **75g/m²**
B	Refer to Section A above and use correct primer according to pipe material.
1	Bailey Sure-Coat Top Coat - 1kg/m² coverage
2	Bailey Sure-Coat Glass Fibre Reinforcement Fleece - 150g/m²
3	Bailey Sure-Coat Base Coat - 1kg/m² coverage
	*Damp not wet - Humidity must be less than 10% and not be below 5%. **Rusted metal must be ground off clean prior to application of primer.

Notes:

- If the substrate differs from any of the ones mentioned in the Primer Application Table, then please contact Bailey Roofing Technical Department for more information as to which primer to use.
- All substrates are required to have site adhesion bond tests carried out prior to the application of Bailey Cold-Applied Liquid Waterproofing Systems.
- When applying the glass fibre reinforcement into the wet base-coat, care must be taken to use metal spiked profiled metal rollers to properly embed the reinforcement.
- Ensure no areas of glass fibres have “wick'd”. (Wicking occurs when the fibres are raised up through the liquid. Areas that have wick'd fibres need to be left to dry, cut-out then another patch of reinforcement fleece and another coating of base-coat are to be applied before the application of the top-coat).

Bailey

Client: STANDARD DETAIL	Drawing Title: Rainwater Outlet Detail		Scale: NTS
			Drawn By: BAILEY
Project Title: BAILEY SURE-COAT COLD-APPLIED LIQUID - OVERLAY ROOF	Drawing Number: H-600-02	Revision: -	Date
			Status