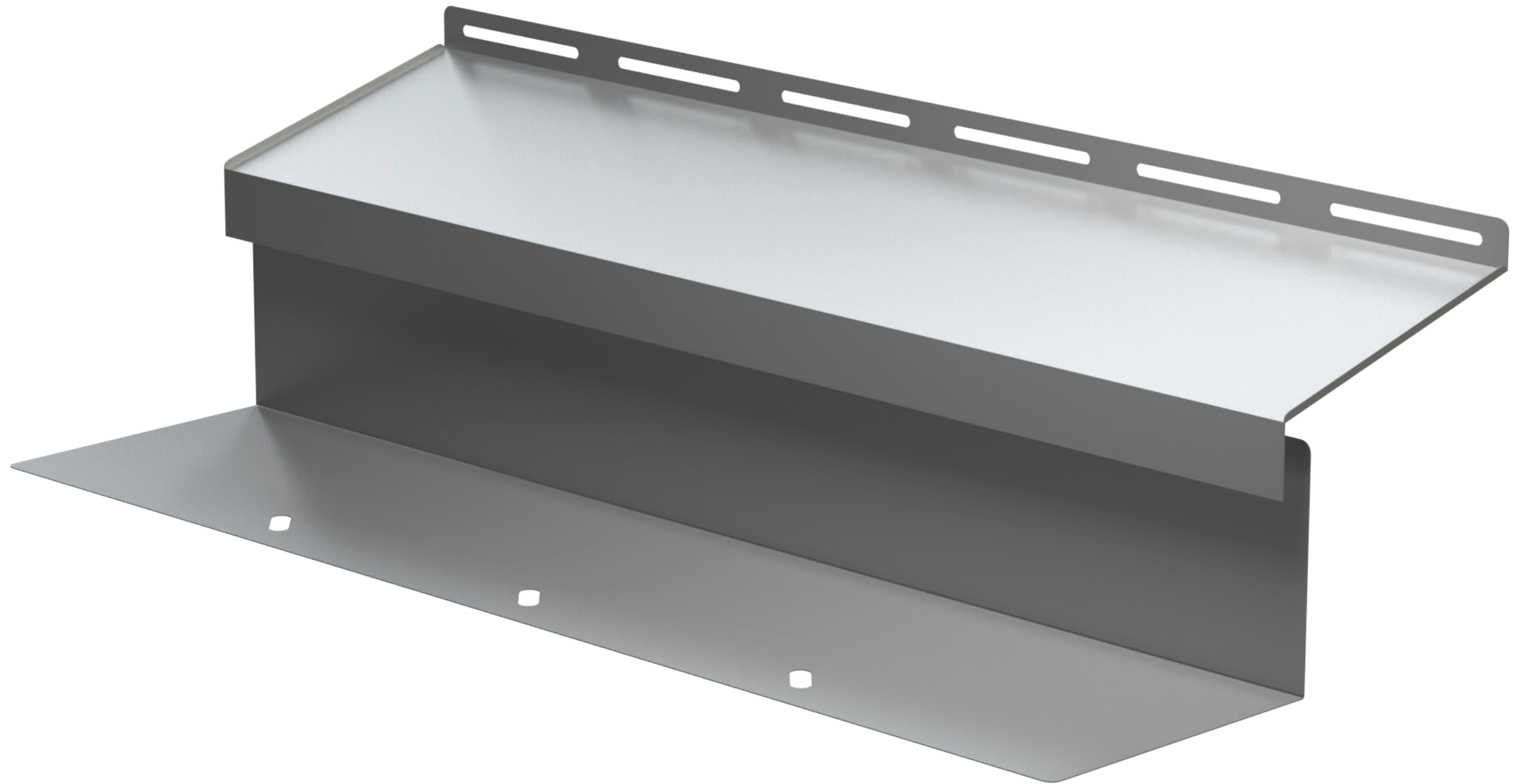


A-Tray™

Stainless Steel Cavity Tray Systems



**Standard
drawing pack**

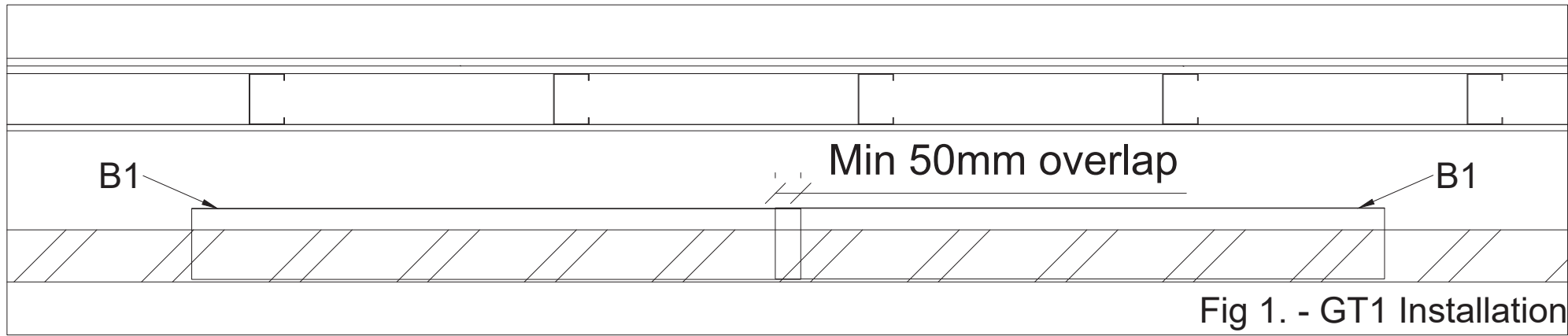


Fig 1. - GT1 Installation

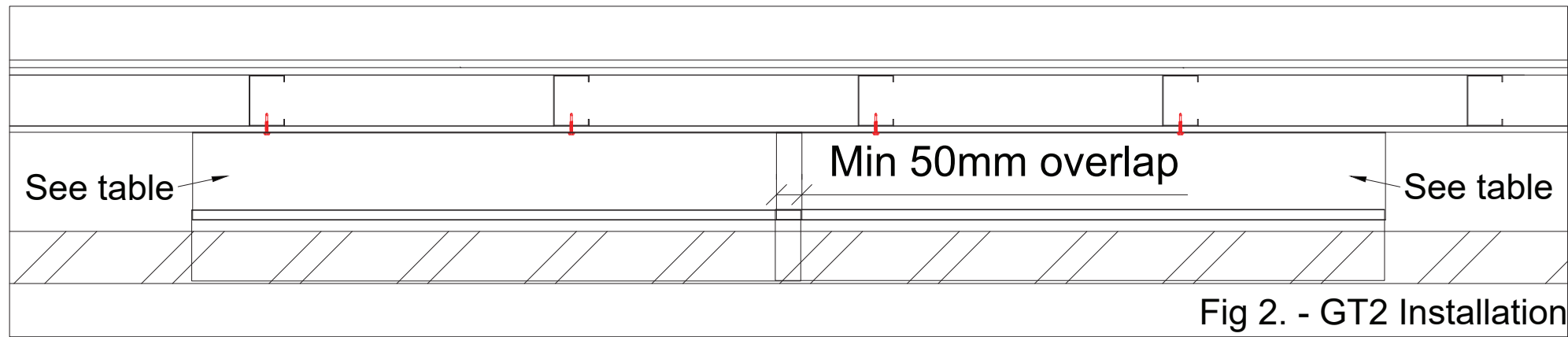
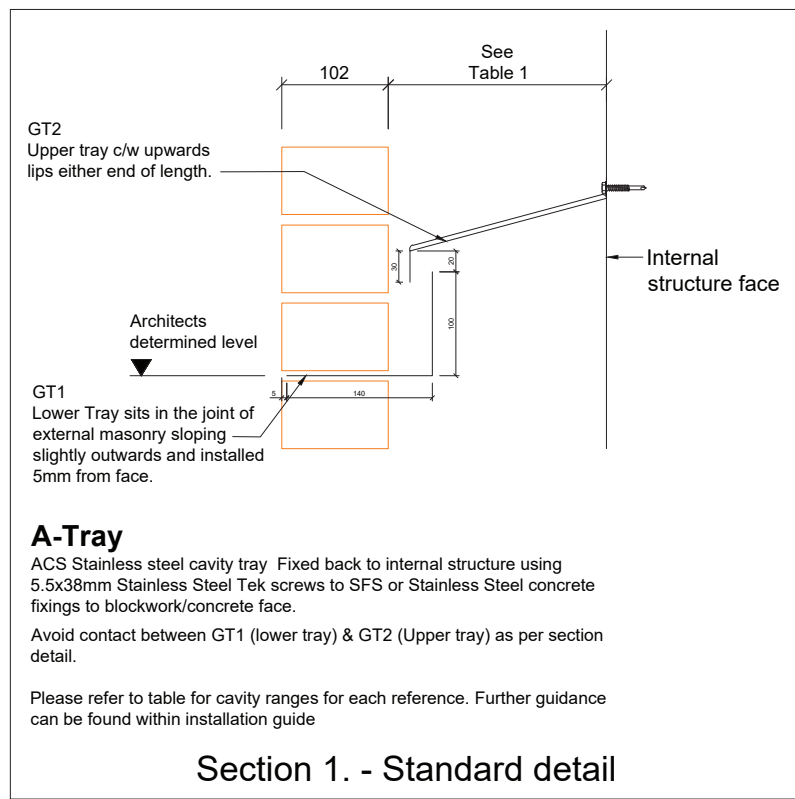


Fig 2. - GT2 Installation

Straight System			
Cavity Range	Assembly Reference	Top Tray Reference	Bottom Tray Reference
81-100	AT-S-081-100	T1	B1
101-120	AT-S-101-120	T2	B1
121-140	AT-S-121-140	T3	B1
141-160	AT-S-141-160	T4	B1
161-180	AT-S-161-180	T5	B1
181-200	AT-S-181-200	T6	B1
201-220	AT-S-201-220	T7	B1
221-240	AT-S-221-240	T8	B1
241-260	AT-S-241-260	T9	B1
261-280	AT-S-261-280	T10	B1
281-300	AT-S-281-300	T11	B1

Table 1. - Component References



Section 1. - Standard detail

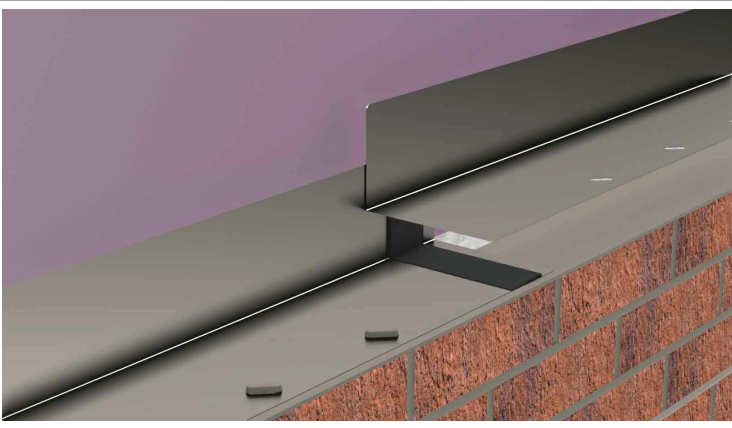


Fig 3. - GT1 double sided tape

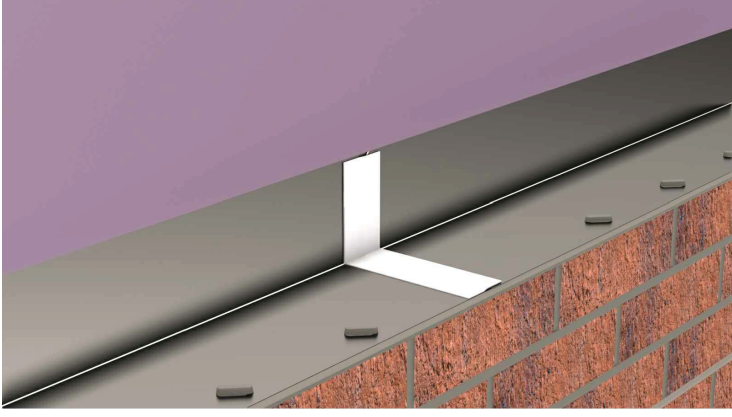


Fig 4. - GT1 single sided tape

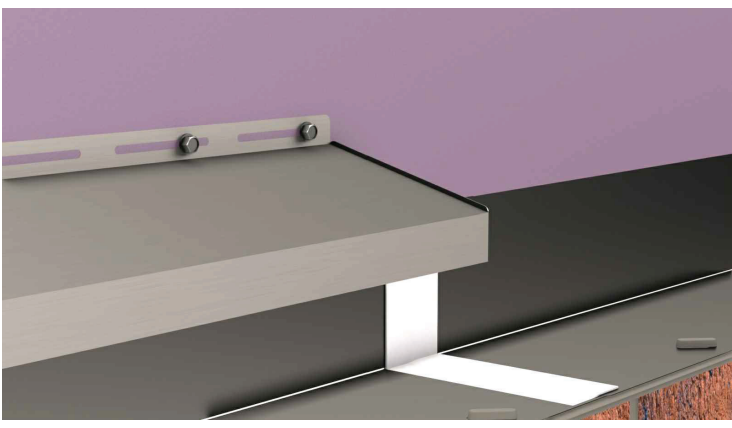


Fig 5. - GT2 installation

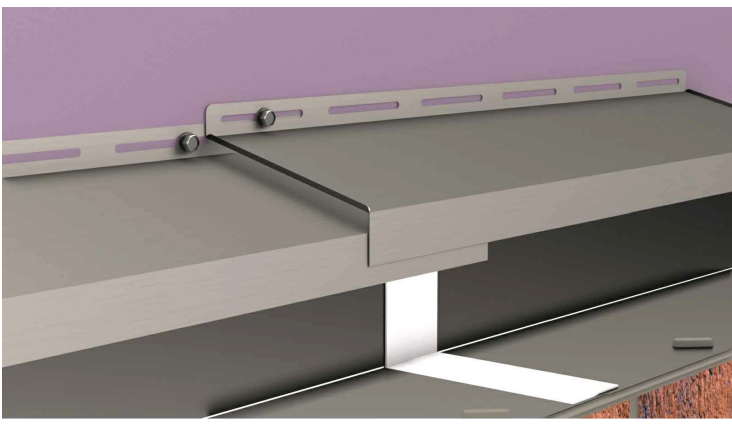


Fig 6. - GT2 overlap

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ALL STAINLESS STEEL TO BE ISOLATED FROM DISSIMILAR METALS.

DETAILS MUST BE CHECKED TO ENSURE THEY MEET SITE REQUIREMENTS.

A-TRAY SHOULD NEVER BE USED IN REPLACEMENT OF TRADITIONAL DPC.

DO NOT SCALE.

IF IN DOUBT ASK.

JOINTS - GT2

PROSPECTIVE VIEW

GT2

UPWARD LIP

50

GT2 CAVITY TRAYS ARE POSITIONED WITH A 50mm LATERAL OVERLAP TO ENSURE COMPLETE COVERAGE OF THE CAVITY. GT2 IS PROVIDED WITH UPWARD FLANGES AT BOTH LATERAL EDGES. NO MASTIC REQUIRED

THE UPSTAND OF GT2 SHOULD BE FIXED TOGETHER WITH A MINIMUM OF 2 TEKSCREWS.

-GT1

THE GT1 CAVITY TRAYS SHOULD BE OVERLAPPED BY 50mm Min. AND JOINED WITH BUTYL TAPE STRIPS AS SHOWN.

GT1

Step 1.

Double sided Butyl placed for overlap GT1 length.

GT1

Step 2.

Single sided Butyl placed over joint.

GT1

GT1 INSTALLATION - PLACE GT1 FRONT EDGE WITH A 5mm OFFSET FROM THE OUTER FACE OF THE BRICKWORK. THE UPTURNED LIP OF GT1 MUST BE LAID BEHIND THE LOWER PLANAR SECTION OF GT2.

GT2 INSTALLATION - IT IS RECOMMENDED THE GT2 SHOULD BE FIXED INTO THE STRUCTURE THROUGH THE HORIZONTAL SLOTS IN THE UPSTAND TO RESTRAIN CAVITY SPANNING SECTION USING STAINLESS STEEL TEKSCREWS.

Refer to A-Tray installation guide for further instructions.

ADDITIONAL TEKSCREWS CAN BE USED TO JOINT TWO GT2 SECTIONS AND ENSURE JOINTS/ENDS ALIGN.

SELF DRILLING SCREW

Tightening torques should be gauged to ensure that the washer is installed and seated as illustrated above

Rev	Description	By	Date	Checked
A	- Fixing updated to Stainless Steel concrete screw	PR	7/7/23	JH

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ACS
inner strength in construction

ACS A-Tray
Straight Standard Detail
Drawn: ACS A-Tray Scale: NTS Date: 6/4/23
Drawing No. ACS-AT-S Rev. A

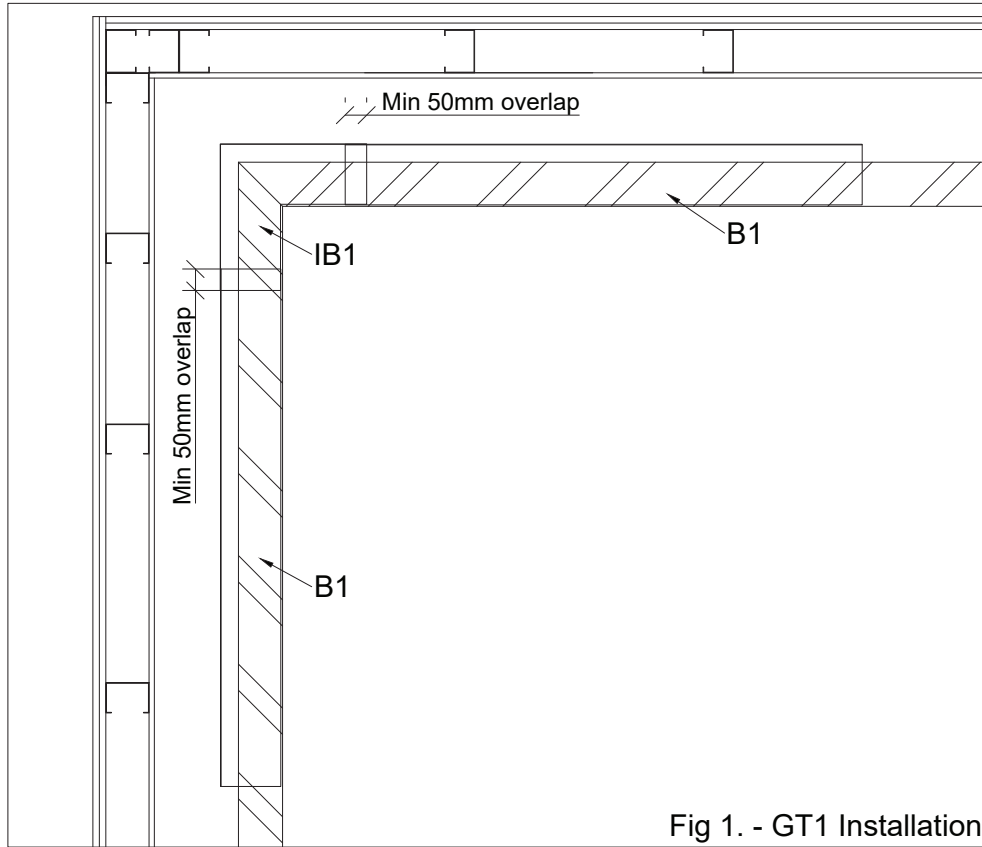


Fig 1. - GT1 Installation

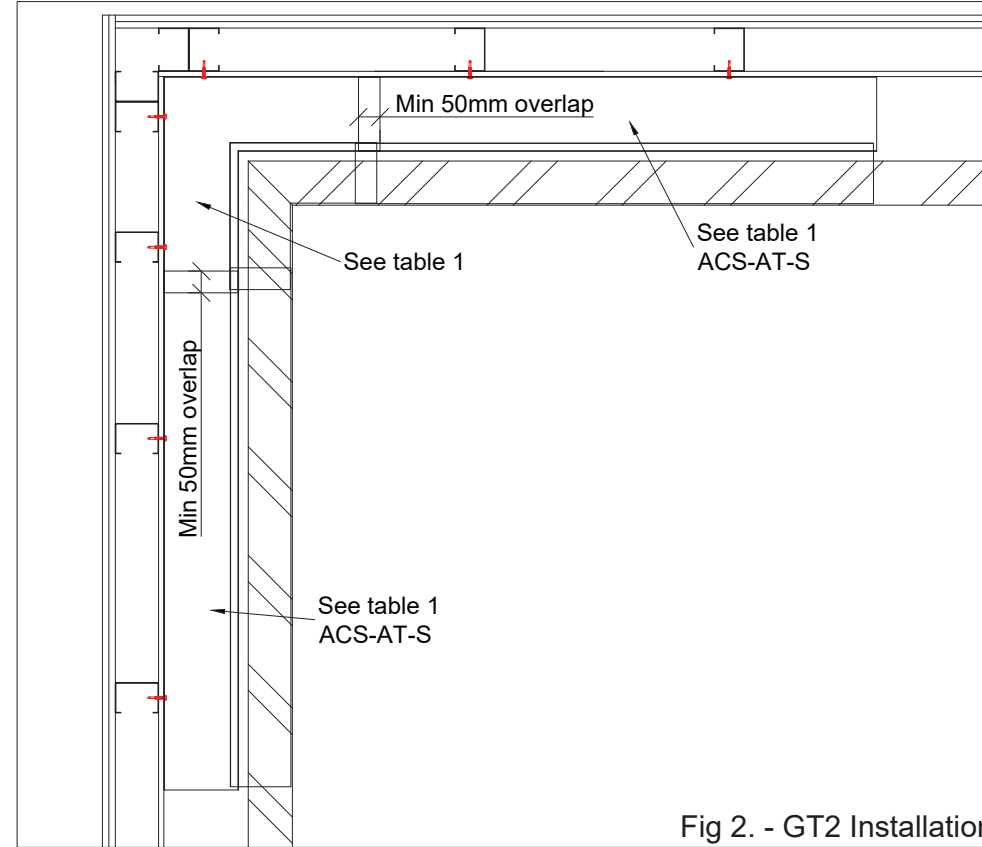


Fig 2. - GT2 Installation



Fig 3. - GT1 double sided tape



Fig 4. - GT1 single sided tape



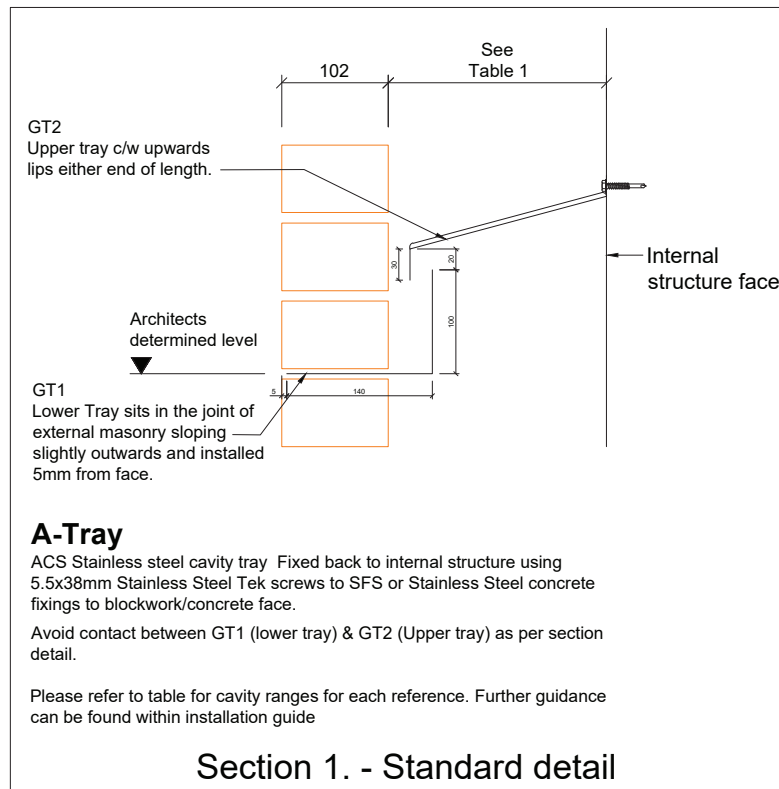
Fig 5. - GT2 installation



Fig 6. - GT2 overlap

Internal Corner System			
Cavity Range	Assembly Reference	Top Tray Reference	Bottom Tray Reference
81-100	AT-I-081-100	IT1	IB1
101-120	AT-I-101-120	IT2	IB1
121-140	AT-I-121-140	IT3	IB1
141-160	AT-I-141-160	IT4	IB1
161-180	AT-I-161-180	IT5	IB1
181-200	AT-I-181-200	IT6	IB1
201-220	AT-I-201-220	IT7	IB1
221-240	AT-I-221-240	IT8	IB1
241-260	AT-I-241-260	IT9	IB1
261-280	AT-I-261-280	IT10	IB1
281-300	AT-I-281-300	IT11	IB1

Table 1. - Component References

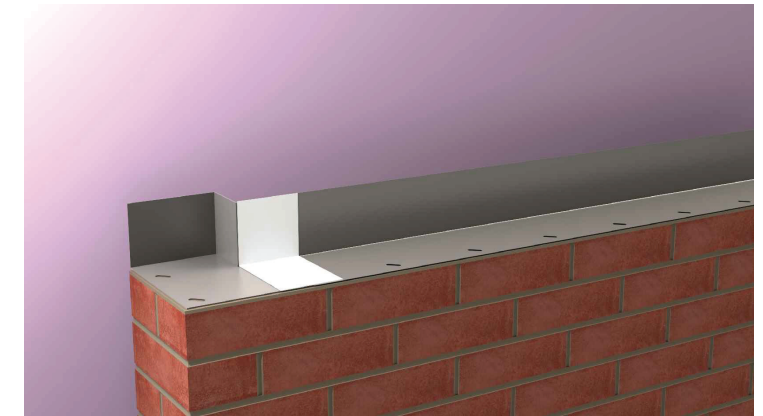
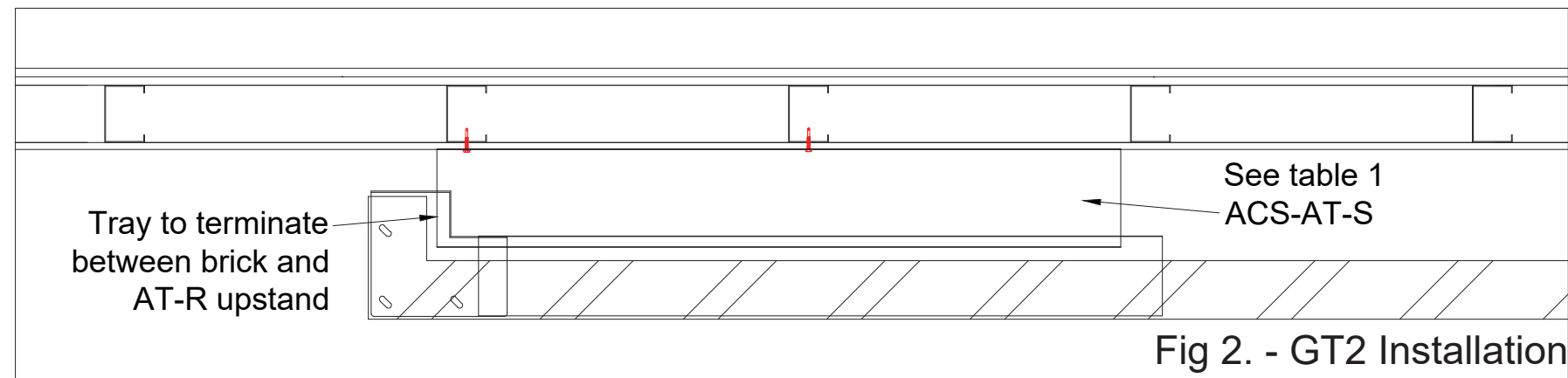
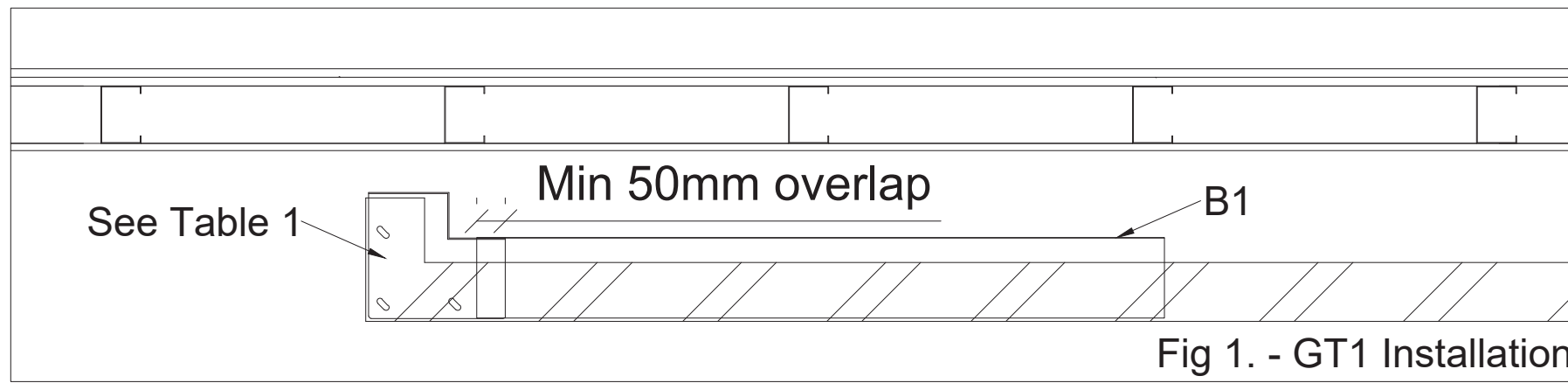


Section 1. - Standard detail

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<p>A - Fixing updated to Stainless Steel concrete screw</p>	<p>PR 7/7/23</p> <p>JH</p>	<p>By Date Checked</p>	<p>ACS A-Tray Title: Internal Corner Standard Detail Drawn: ACS A-Tray Scale: NTS Date: 6/4/23 Drawing No. ACS-AT-IC Rev. A</p>				

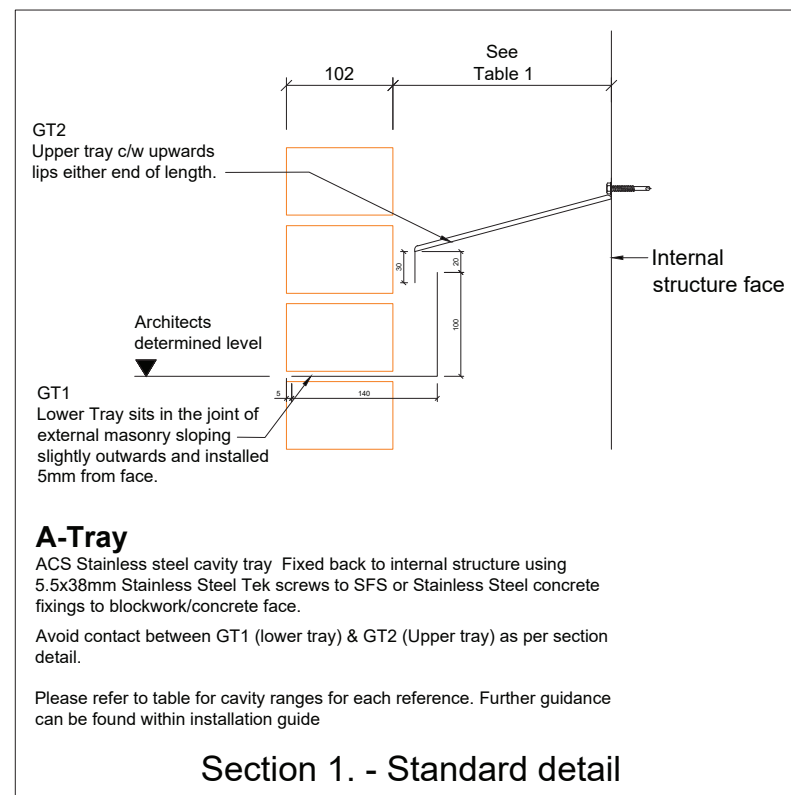
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Brickwork reveal	
Part Reference	Description
AT-LHR-215	215mm Left Hand Reveal
AT-RHR-215	215mm Right Hand Reveal
AT-LHR-327	327.5mm Left Hand Reveal
AT-RHR-327	327.5mm Right Hand Reveal

Table 1. - Component References



A	- Fixing updated to Stainless Steel concrete screw	PR	7/7/23	JH
Rev	Description	By	Date	Checked

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DO NOT SCALE.
IF IN DOUBT ASK.

JOINTS - GT2

PROSPECTIVE VIEW

GT2

UPWARD LIP

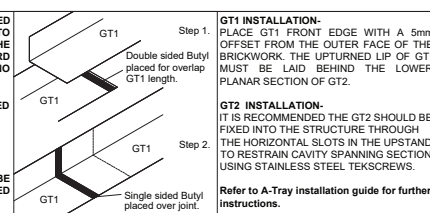
50

GT2 CAVITY TRAYS ARE POSITIONED WITH A 50mm LATERAL OVERLAP TO ENSURE COMPLETE COVERAGE OF THE CAVITY. GT2 IS PROVIDED WITH UPWARD FLANGES AT BOTH LATERAL EDGES. NO MASTIC REQUIRED

THE UPSTAND OF GT2 SHOULD BE FIXED TOGETHER WITH A MINIMUM OF 2 TEKSCREWS.

-GT1

THE GT1 CAVITY TRAYS SHOULD BE OVERLAPPED BY 50mm MIN. AND JOINED WITH BUTYL TAPE STRIPS AS SHOWN.



GT1 INSTALLATION - PLACE GT1 FRONT EDGE WITH A 5mm OFFSET FROM THE OUTER FACE OF THE BRICKWORK. THE UPTURNED LIP OF GT1 MUST BE LAID BEHIND THE LOWER PLANAR SECTION OF GT2.

GT2 INSTALLATION - IT IS RECOMMENDED THE GT2 SHOULD BE FIXED INTO THE STRUCTURE THROUGH THE HORIZONTAL SLOTS IN THE UPSTAND TO RESTRAIN CAVITY SPANNING SECTION USING STAINLESS STEEL TEKSCREWS.

Refer to A-Tray installation guide for further instructions.

ADDITIONAL TEKSCREWS CAN BE USED TO JOINT TWO GT2 SECTIONS AND ENSURE JOINTS/ENDS ALIGN.

SELF DRILLING SCREW

Tightening torques should be gauged to ensure that the washer is installed and seated as illustrated above

ACS A-Tray
Reveal Standard Detail

Drawn: ACS A-Tray Scale: NTS Date: 6/4/23

Drawing No. ACS-AT-R Rev. A

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ACS
inner strength in construction

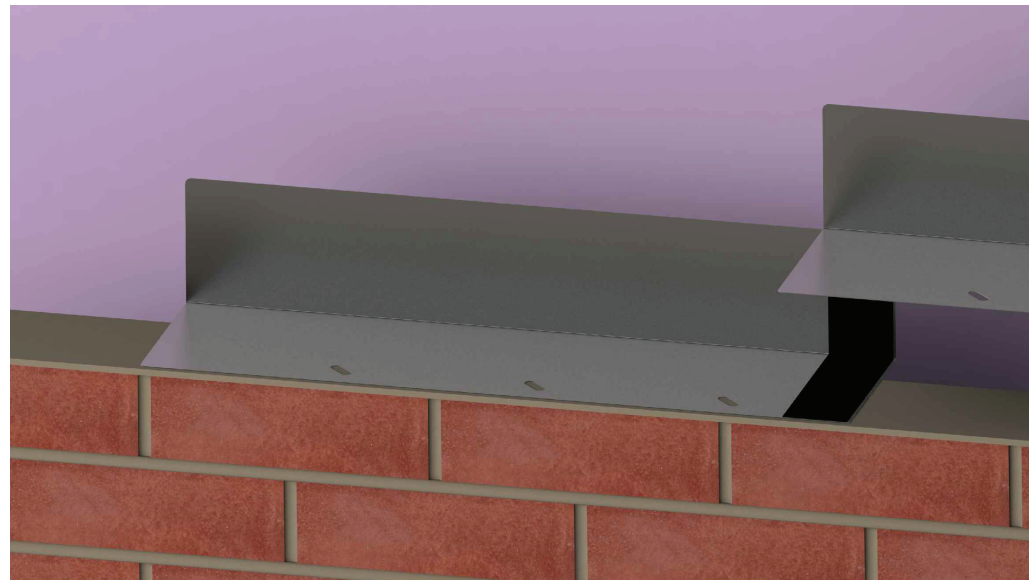


Fig 1. - GT1 cut piece double sided tape

GT1 trays can be cut down in length where required. It is imperative that the tray is still utilised with double sided butyl tape at the jointed end. A minimum overlap of 50mm must still be followed. Please ensure that there is still a minimum of 2No. full embedment slots within the cut tray

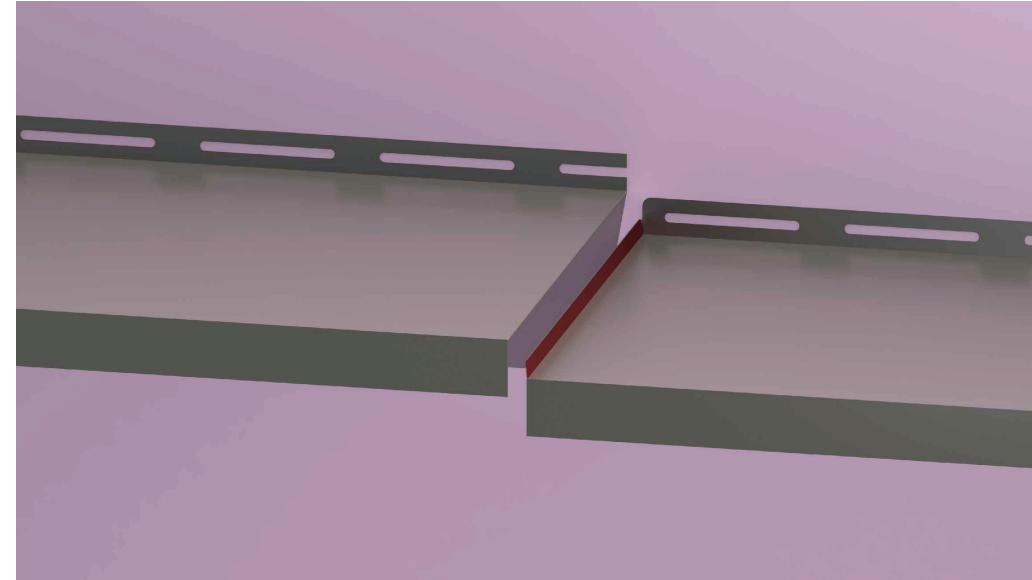


Fig 3. - GT2 cut piece

GT2 trays can also be cut down to length where required, however it is imperative that a minimum overlap of 50mm is followed. The lower GT2 tray must still have the side lip in place as shown in red in figure 3. This ensures water cannot track off the side of the tray and is directed onto the lower tray

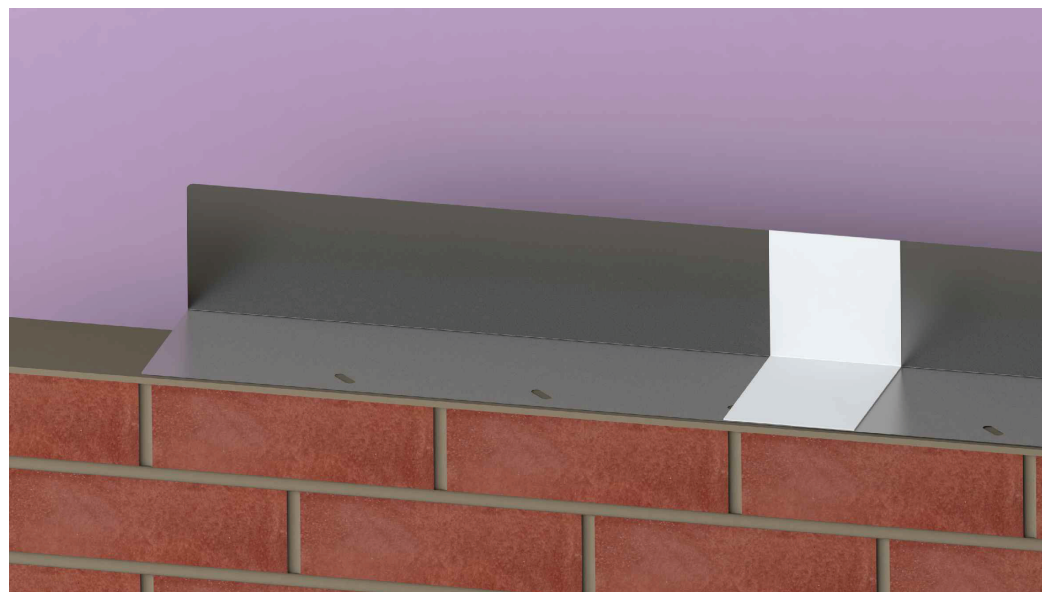


Fig 2. - GT1 cut piece single sided tape

GT1 trays must always be jointed with single sided butyl tape across the joint

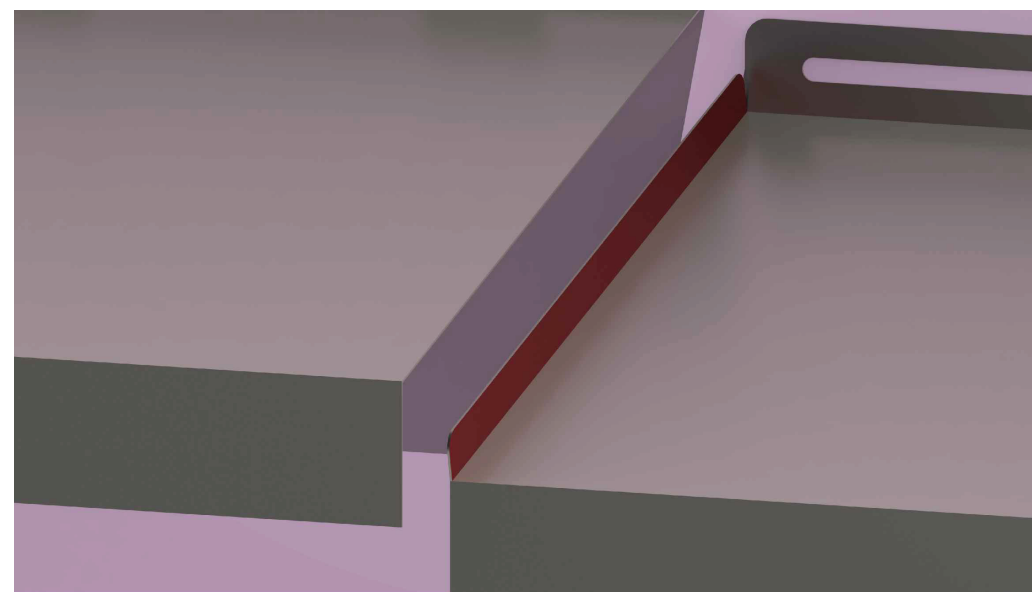


Fig 4. - GT2 cut piece detail

Figure 4 shows the lip detail in more detail. A minimum overlap of 50mm between trays must be followed

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<p>A - Fixing updated to Stainless Steel concrete screw</p>		<p>PR 7/7/23</p>	<p>JH</p>	<p>ACS A-Tray Standard Cut Detail</p>		<p>Scale: NTS</p>	<p>Date: 6/4/23</p>	<p>ACS A-Tray Standard Cut Detail</p>		<p>Rev. A</p>					
<p>Rev. Description</p>		<p>By</p>	<p>Date</p>	<p>Checked</p>	<p>Drawing No. ACS-AT-CUT</p>		<p>Rev. A</p>		<p>www.acsstainless.co.uk</p>						

