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# TPO INTERNAL ULTRAPLY

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## Technical Guidelines

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# DETAIL DRAWINGS

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# 5 Detail drawings

The information on this chapter is complementary to Chapter 1 (Design) and Chapter 3 (Installation) and serves to complete the design and execution of Firestone UltraPly™ TPO roofing systems in a safe and durable way.

Specifiers and installers will find a vast list of standard drawings that contain information about the correct build-up of the different Firestone UltraPly™ TPO roofing details.

Please note that these drawings are not designed on scale and do not include any information on vapor control layers. Therefore, they need to be considered as details that are applicable in standard roofing situations.

For an easy tracking, we have organized the Firestone UltraPly™ TPO details in the following sections:

<b>5.1</b>	<b>Welded seams</b>	<b>5.3</b>
<b>5.2</b>	<b>Base tie-ins</b>	<b>5.15</b>
<b>5.3</b>	<b>Corners</b>	<b>5.25</b>
<b>5.4</b>	<b>Penetrations</b>	<b>5.33</b>
<b>5.5</b>	<b>Drains</b>	<b>5.43</b>
<b>5.6</b>	<b>Expansion joints</b>	<b>5.49</b>
<b>5.7</b>	<b>Roof edges</b>	<b>5.55</b>
<b>5.8</b>	<b>Wall terminations</b>	<b>5.63</b>

As the situation on site may differ from the conditions represented in these details, please contact Firestone's technical department or a Firestone technician for design and approval of an alternative detail.



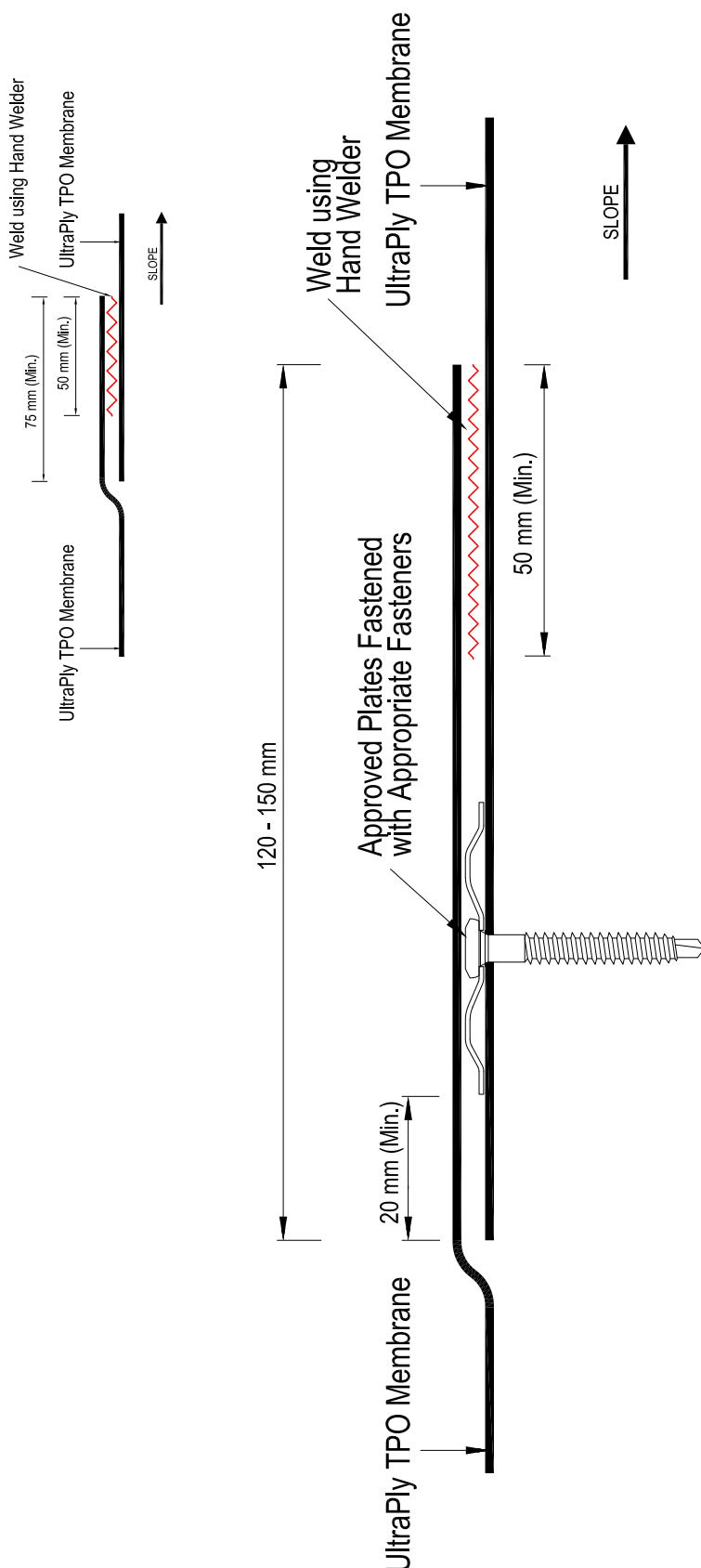
## 5.1 Welded seams

T-WS-1	Welded seam using automatic welder
T-WS-2	Welded seam using hand welder
T-WS-3	Fastener layout and factory markings
T-WS-4	TPO induction welding plate
T-WS-5	Membrane repair over TPO induction welding plate
T-WS-6	Cut edge treatment
T-WS-7	T-joint with Unsupported Flashing
T-WS-8	T-joint with Unsupported Flashing at intersection of two seams
T-WS-9	T-joint with Unsupported Flashing at base of curb or wall
T-WS-10	T-joints at 4 T-crossing membranes

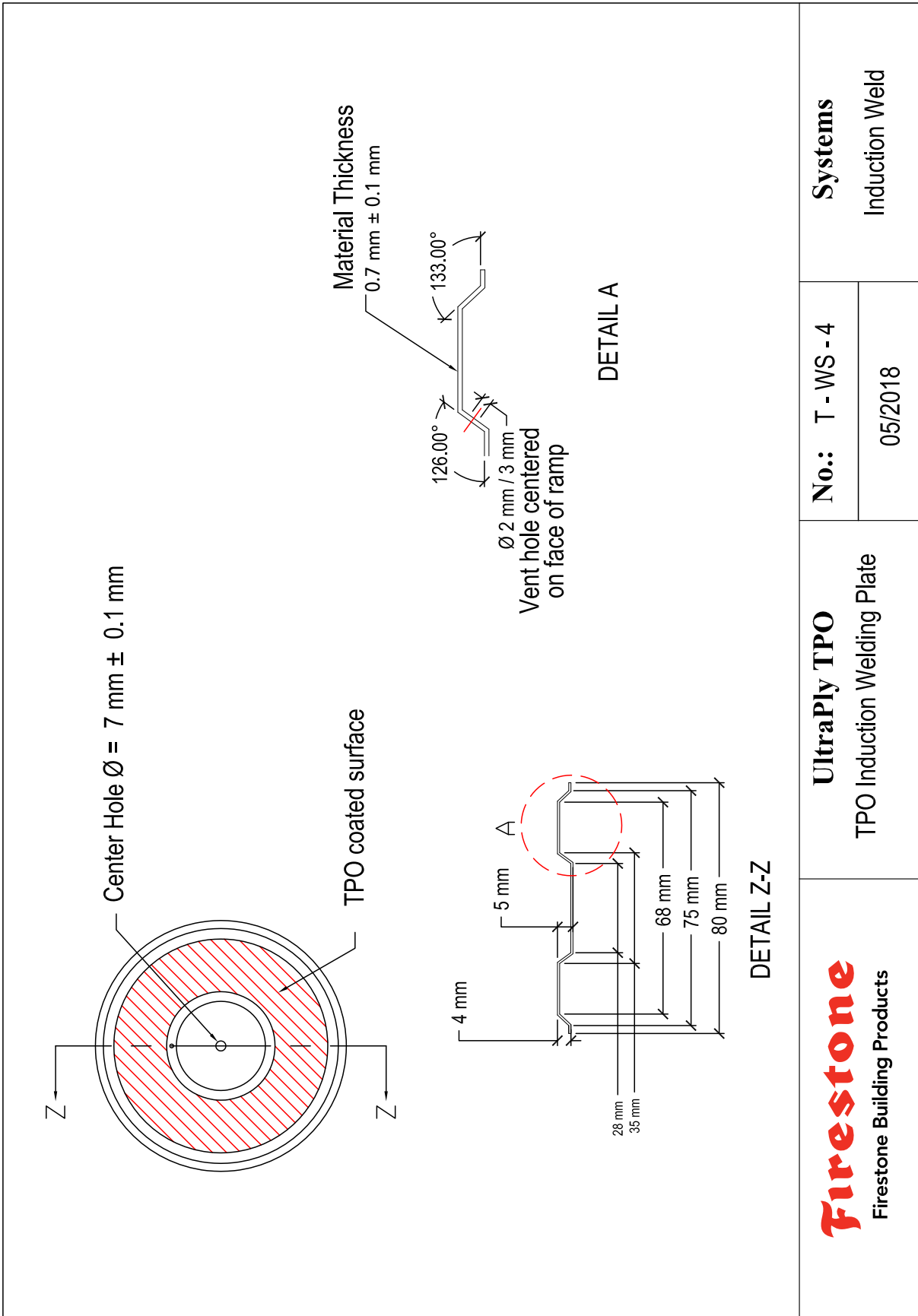




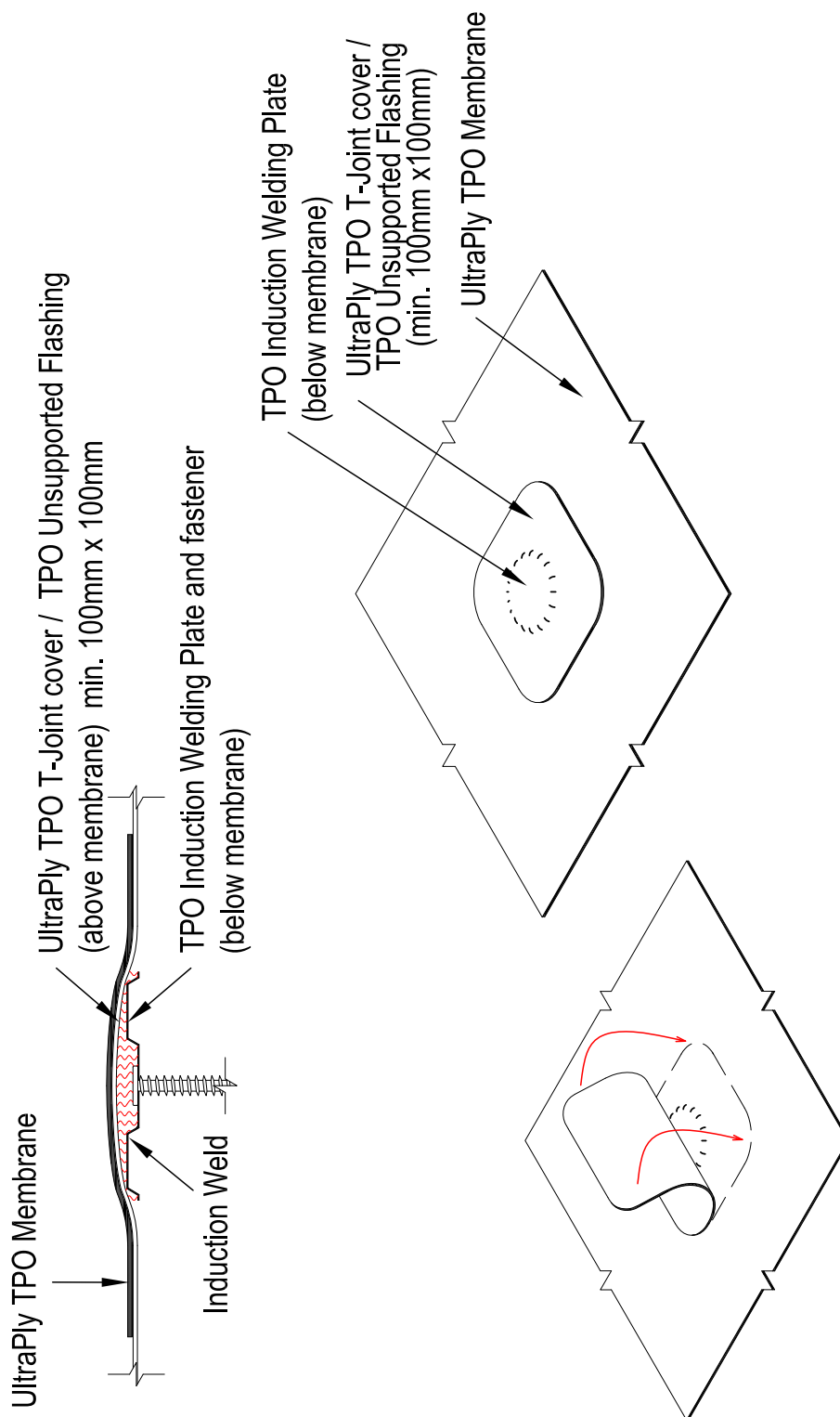


	<b>UltraPly TPO</b> Welded seam using Hand Welder		<b>Systems</b> All
	<b>No.:</b> T - WS - 2 05/2018		

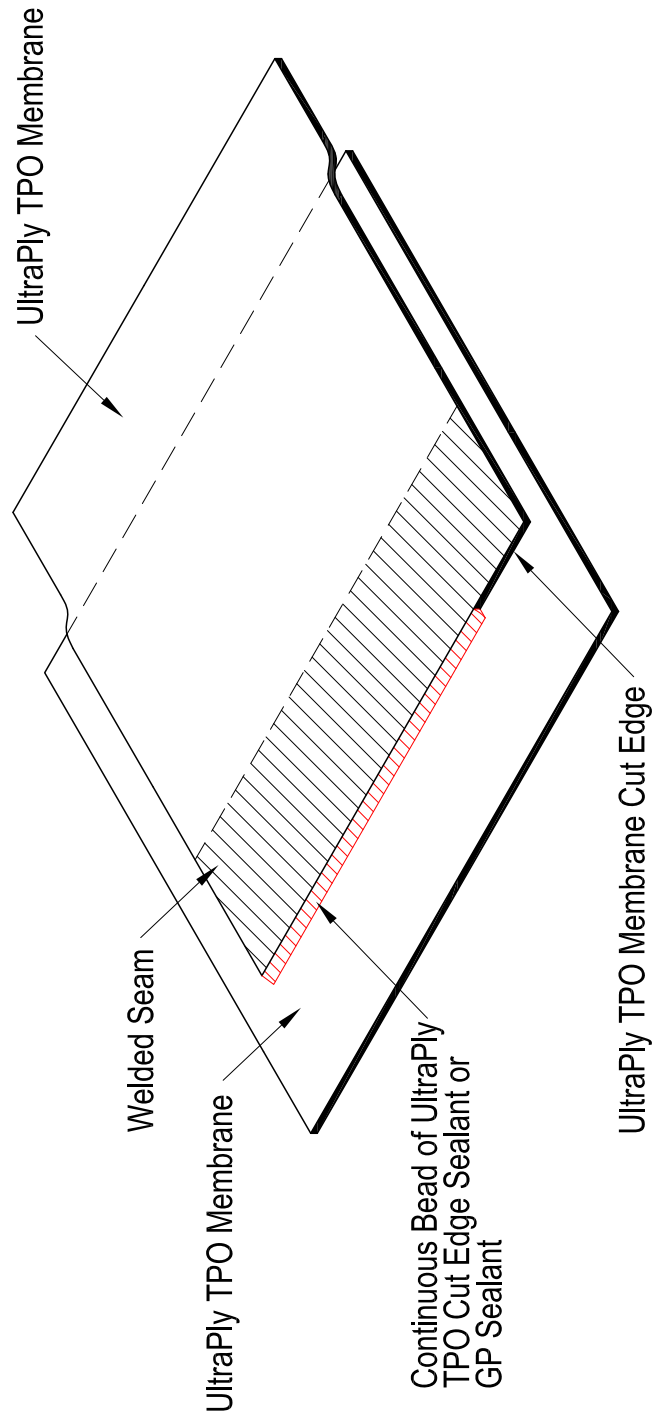








 Firestone Building Products	<b>UltraPly TPO</b> Membrane repair over TPO Induction Welding Plate	<b>No.:</b> T-WS - 5	<b>Systems</b>  Induction Weld
		05/2018	

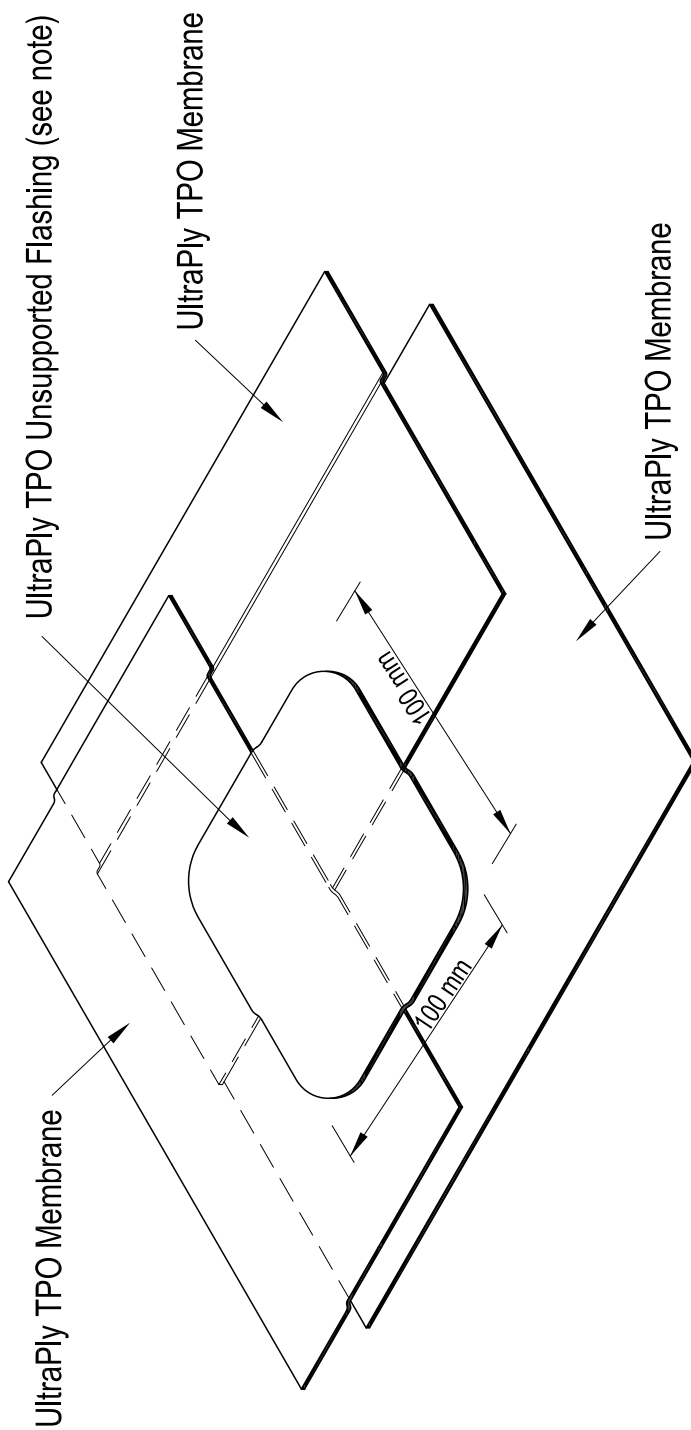


Note: When polyester reinforcement of TPO is exposed,  
apply Cut Edge or GP Sealant to entire exposed edge.

<b>Firestone</b> Firestone Building Products	<b>UltraPly TPO</b> Cut Edge Treatment	No.:	T - WS - 6	<b>Systems</b>  All
		05/2018		

<div data-bbox="276 311 1054 1968"> </div> <div data-bbox="1134 315 1211 1008"> <p>Note: T-joint with UltraPly TPO Unsupported Flashing required for 1.52 mm membrane only</p> </div>	<div data-bbox="1270 1509 1369 1877"> <p><b>Firestone</b> Firestone Building Products</p> </div>	<div data-bbox="1257 947 1353 1384"> <p><b>UltraPly TPO</b> T-joint with Unsupported Flashing</p> </div>	<div data-bbox="1257 674 1294 916"> <p><b>No.:</b> T - WS - 7</p> </div> <div data-bbox="1345 719 1382 828"> <p>05/2018</p> </div>	<div data-bbox="1257 380 1294 517"> <p><b>Systems</b></p> </div> <div data-bbox="1326 423 1362 459"> <p>All</p> </div>
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Note: T-joint with UltraPly TPO Unsupported Flashing required for 1.52 mm membrane only

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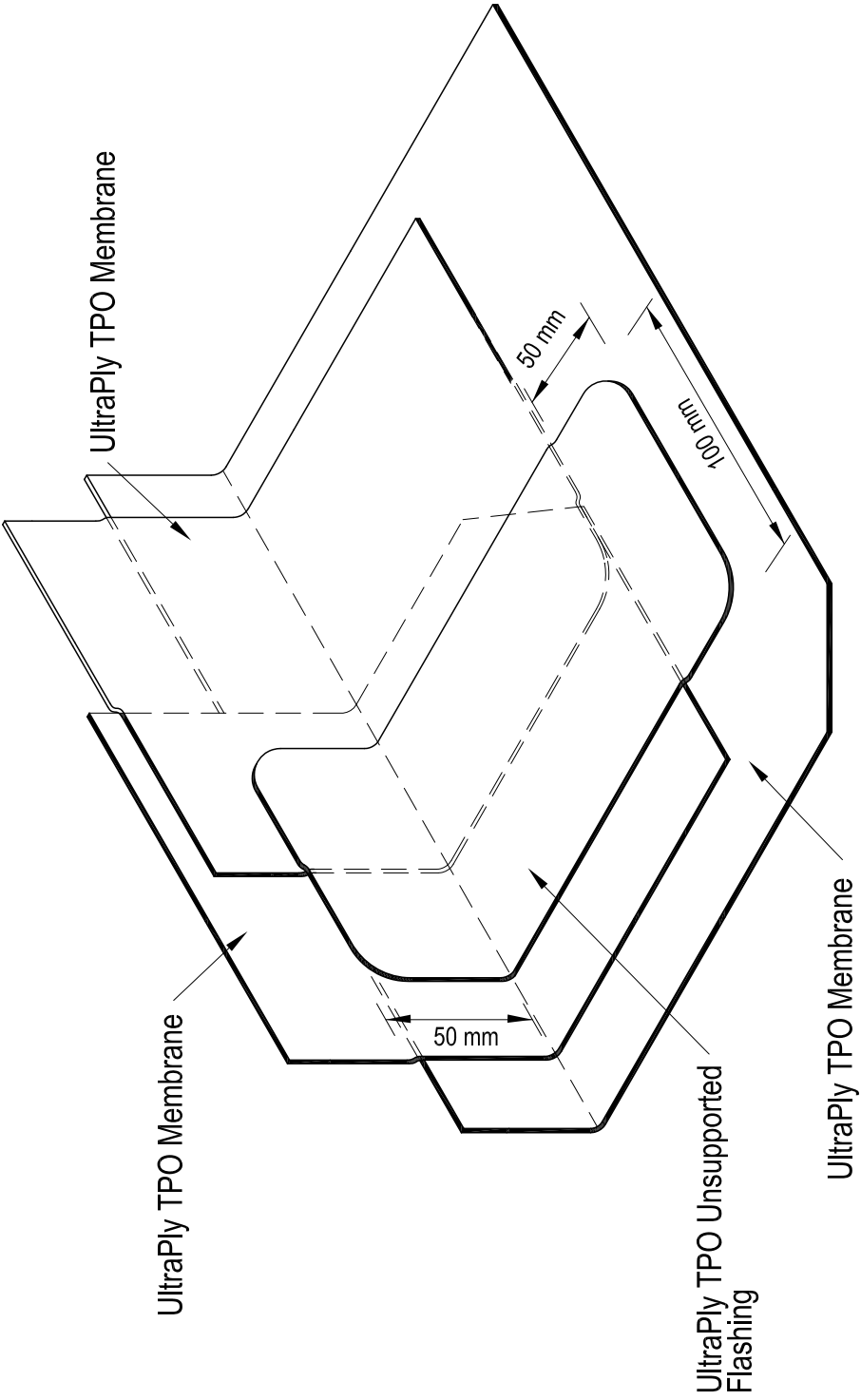

**UltraPly TPO**  
T-joint with Unsupported Flashing  
at intersection of two seams

**No.:** T - WS - 8

05/2018

**Systems**

All

 <p>UltraPly TPO Membrane</p> <p>UltraPly TPO Unsupported Flashing</p> <p>UltraPly TPO Membrane</p> <p>50 mm</p> <p>100 mm</p> <p>50 mm</p>	<div> <div>  <div> Firestone Building Products </div> </div> <div> <div> <b>UltraPly TPO</b>  T-joint with Unsupported Flashing  at base of Curb Or Wall </div> <div> <b>No.:</b> T - WS - 9  05/2018 </div> <div> <b>Systems</b>  All </div> </div> </div>		
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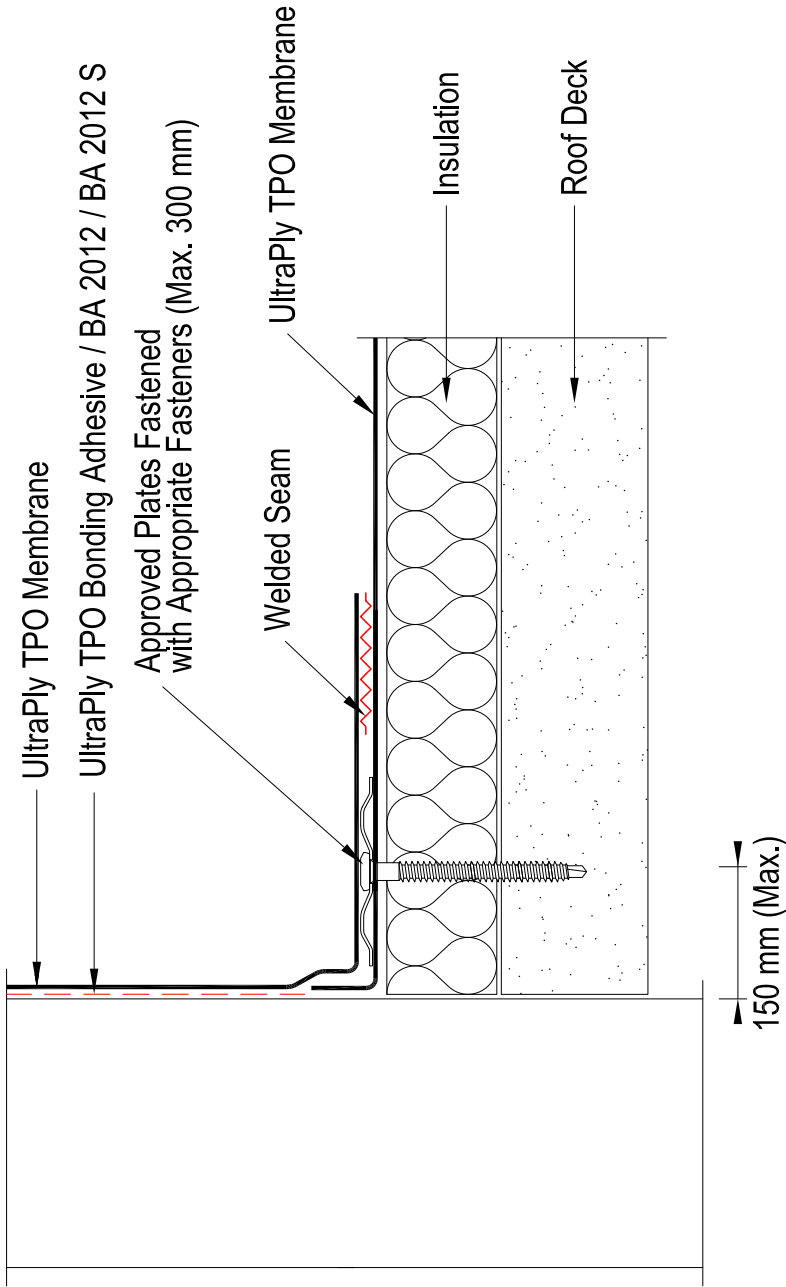




## 5.2 Base tie-ins

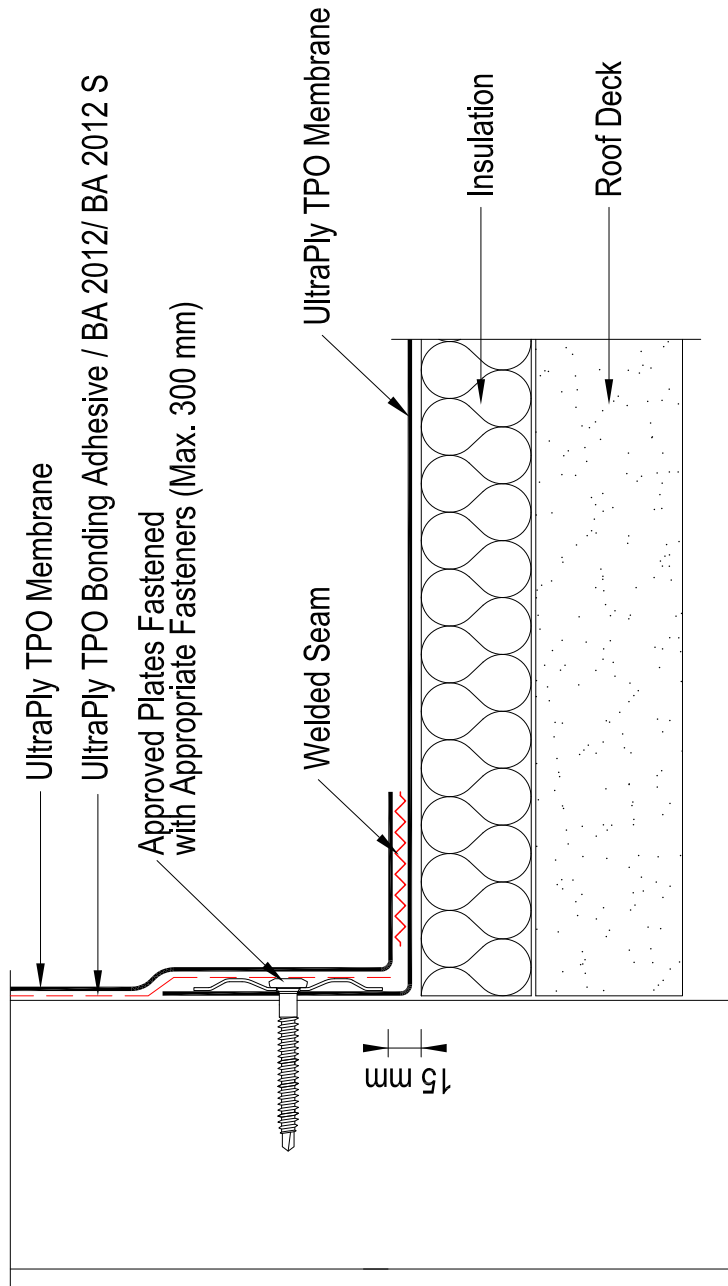
T-BT-1	Base tie-in using plates fastened to deck
T-BT-2	Base tie-in using plates fastened to upstand
T-BT-3	Base tie-in using plates fastened to upstand with existing cant
T-BT-4	Base tie-in at inside corner using HD seam plates
T-BT-5	Base tie-in at inside corner using non-Firestone plates
T-BT-6	Base tie-in at outside corner using HD seam plates
T-BT-7	Base tie-in at outside corner using non-Firestone plates
T-BT-8	Base tie-in with TPO induction welding plates





<b>Firestone</b> Firestone Building Products	<b>UltraPly TPO</b> Base Tie-In using Plates Fastened to Deck	No.: T - BT - 1	<b>Systems</b>  All
		05/2018	





**Firestone**  
Firestone Building Products

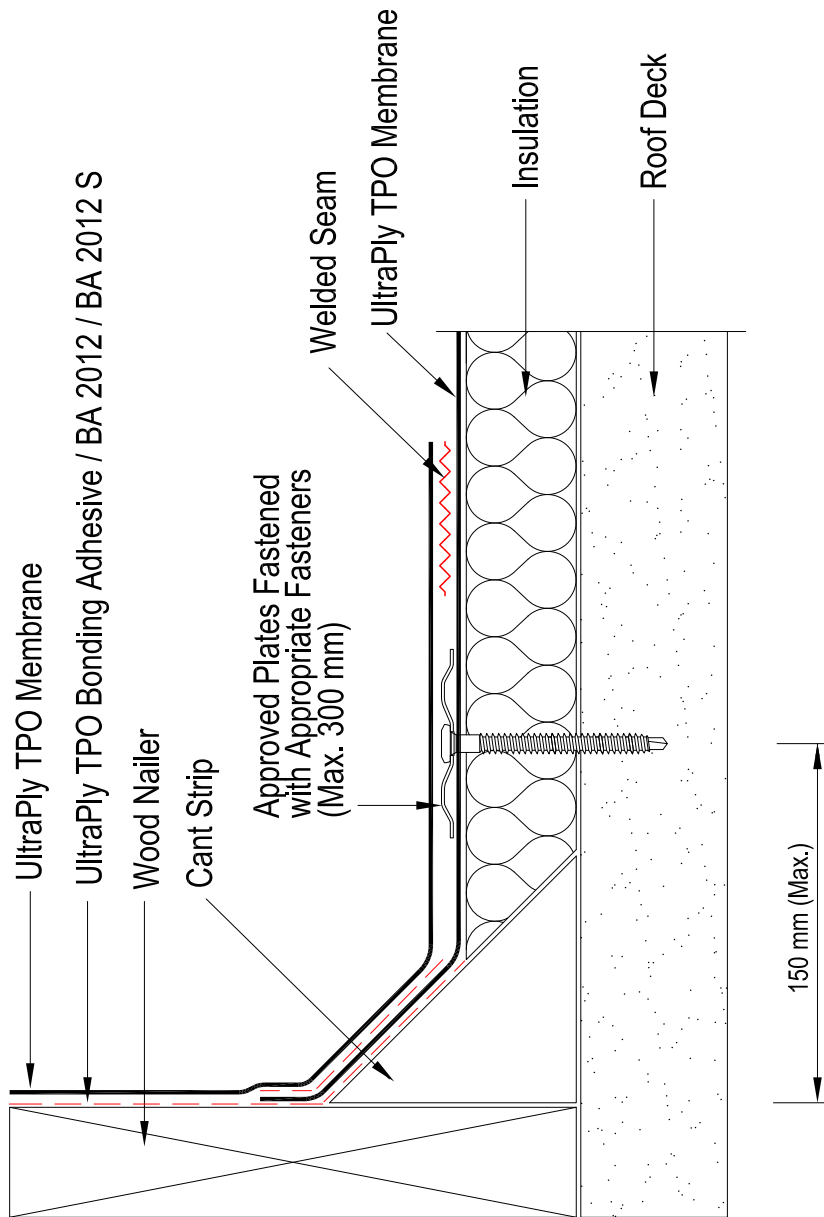
**UltraPly TPO**  
Base Tie-In using Plates  
Fastened to Upstand

**No.: T - BT - 2**

05/2018

**Systems**

All



**Firestone**  
Firestone Building Products

**UltraPly TPO**  
Base Tie-In using plates at  
Upstand with Existing Cant

**No.: T - BT - 3**

05/2018

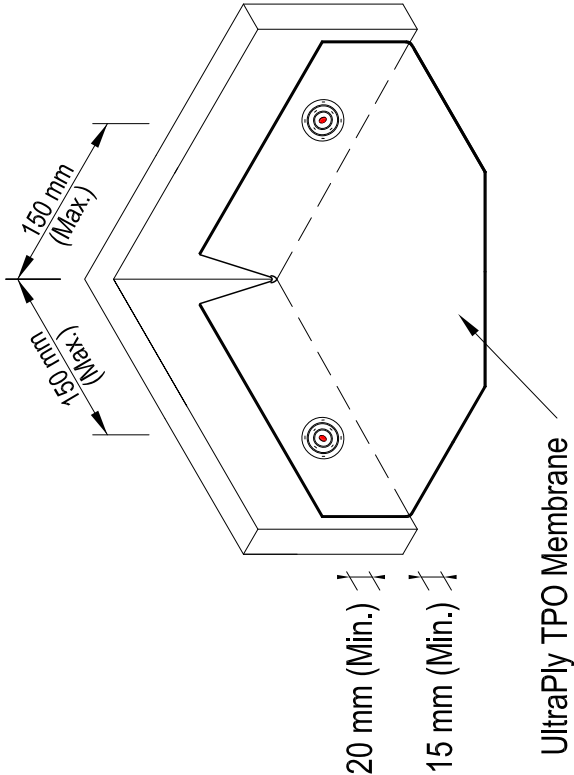
**Systems**

All

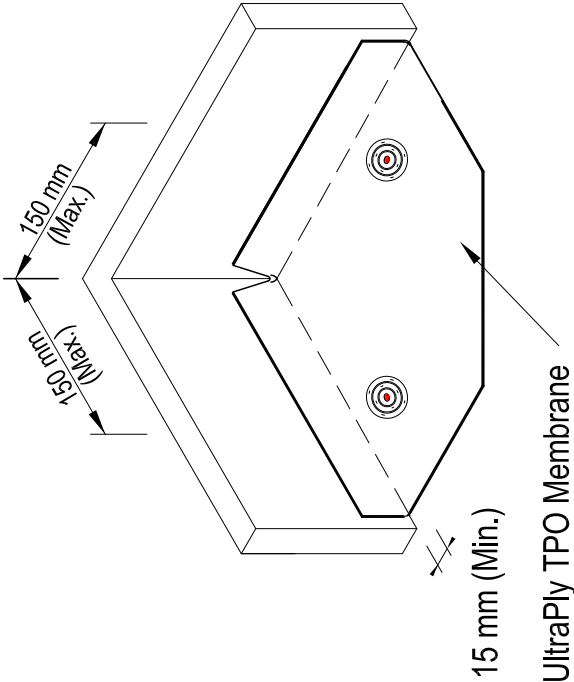




Wall / Upstand Attachment



Roof Deck Attachment

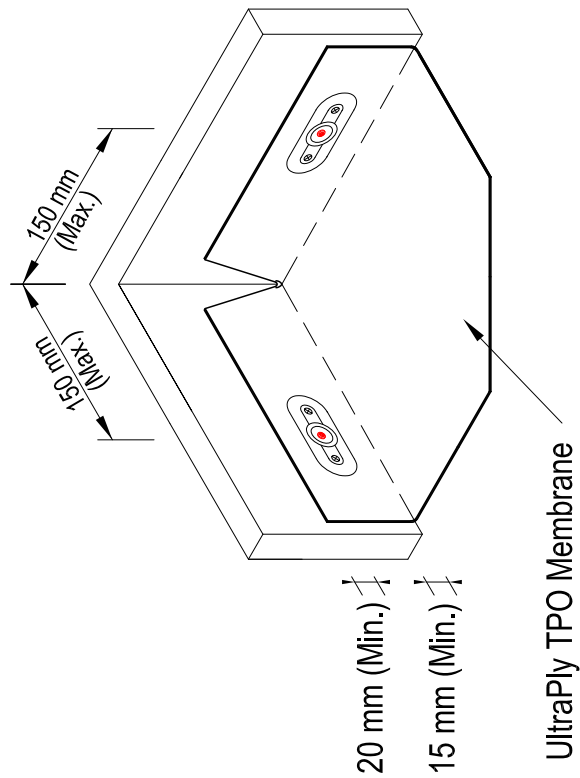


Note: Base Flashings and Terminations are not shown for clarity.  
Refer to appropriate Termination & Base Tie-In details.

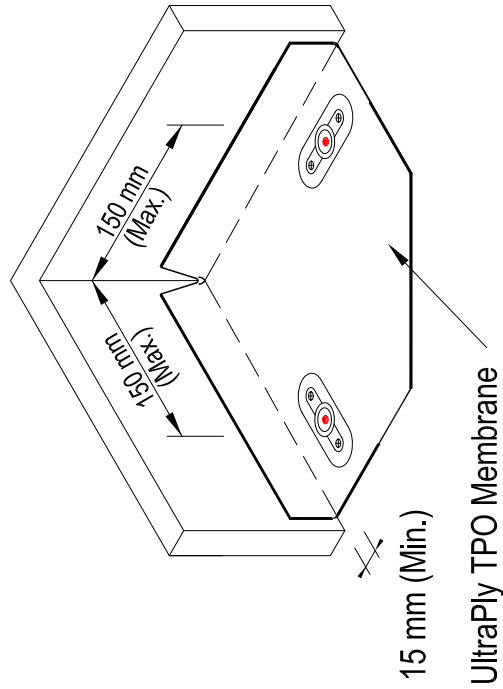
<b>Firestone</b> Firestone Building Products	<b>UltraPly TPO</b> Base Tie-In at Inside Corner using HD Seam Plates	No.: T - BT - 4	<b>Systems</b>  All
		05/2018	



### Wall / Upstand Attachment



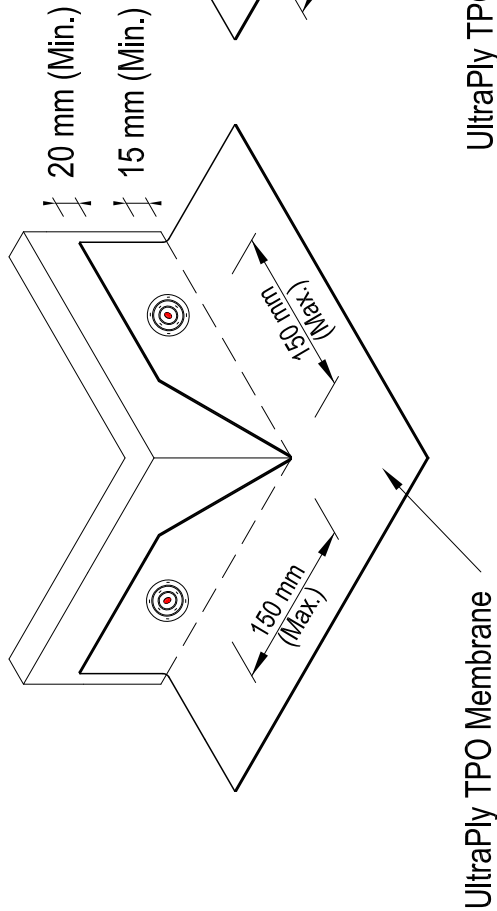
### Roof Deck Attachment



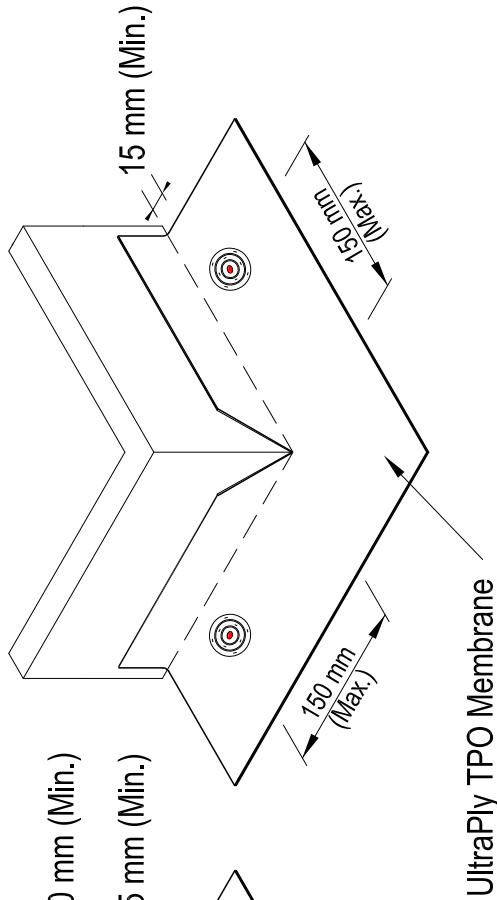
Note: Base Flashings and Terminations are not shown for clarity.  
Refer to appropriate Termination & Base Tie-In details.

<b>Firestone</b> Firestone Building Products	<b>UltraPly TPO</b> Base Tie-In at Inside Corner using non-Firestone Plates	No.: T - BT - 5	<b>Systems</b>  All
		05/2018	

### Wall / Upstand Attachment



### Roof Deck Attachment

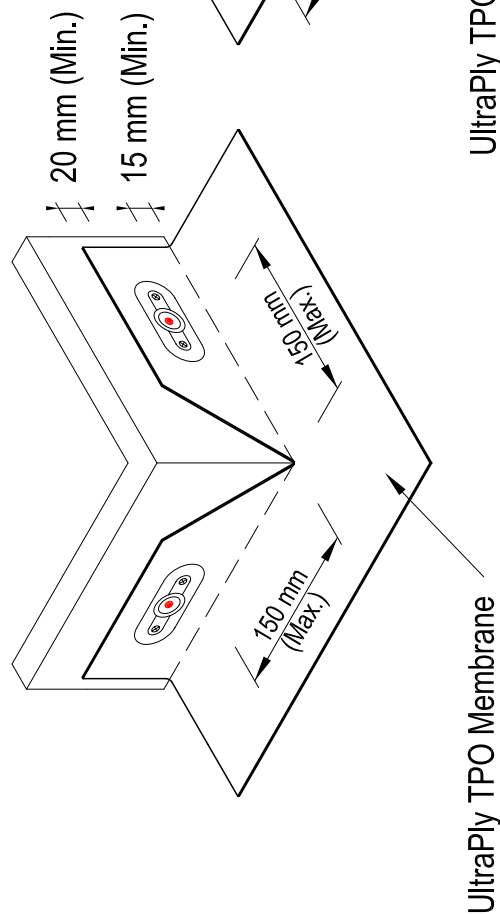


Note: Base Flashings and Terminations are not shown for clarity.  
Refer to appropriate Termination & Base Tie-In details.

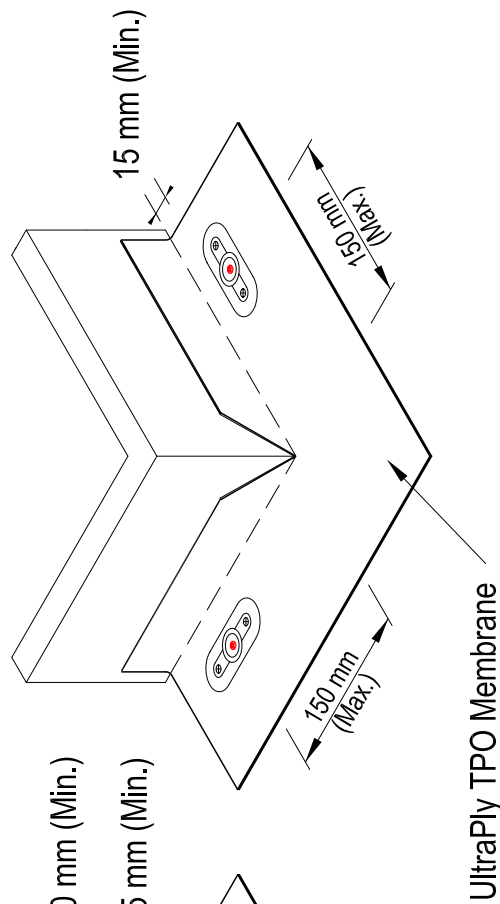
<b>Firestone</b> Firestone Building Products	<b>UltraPly TPO</b> Base Tie-In at Outside Corner using HD Seam Plates	<b>No.:</b> T - BT - 6	<b>Systems</b>  All
		05/2018	



### Wall / Upstand Attachment

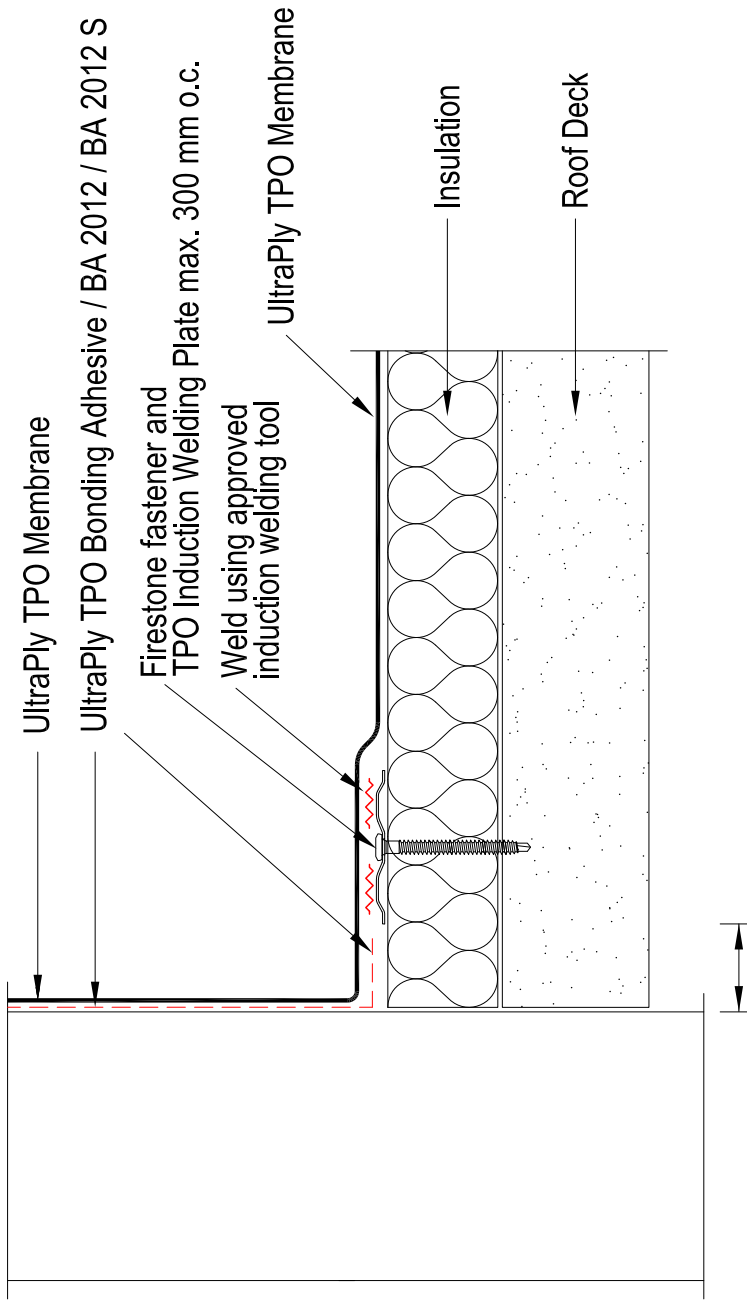


### Roof Deck Attachment



Note: Base Flashings and Terminations are not shown for clarity.  
Refer to appropriate Termination & Base Tie-In details.

<b>Firestone</b> Firestone Building Products	<b>UltraPly TPO</b> Base Tie-In at Outside Corner using non-Firestone Plates	No.: T - BT - 7	<b>Systems</b>  All
		05/2018	



**Firestone**  
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**UltraPly TPO**  
Base Tie-In with TPO Induction  
Welding Plates  
(Field membrane continues flashing upstand)

**No.: T - BT - 8**

05/2018


**Systems**  
Induction weld

## 5.3 Corners

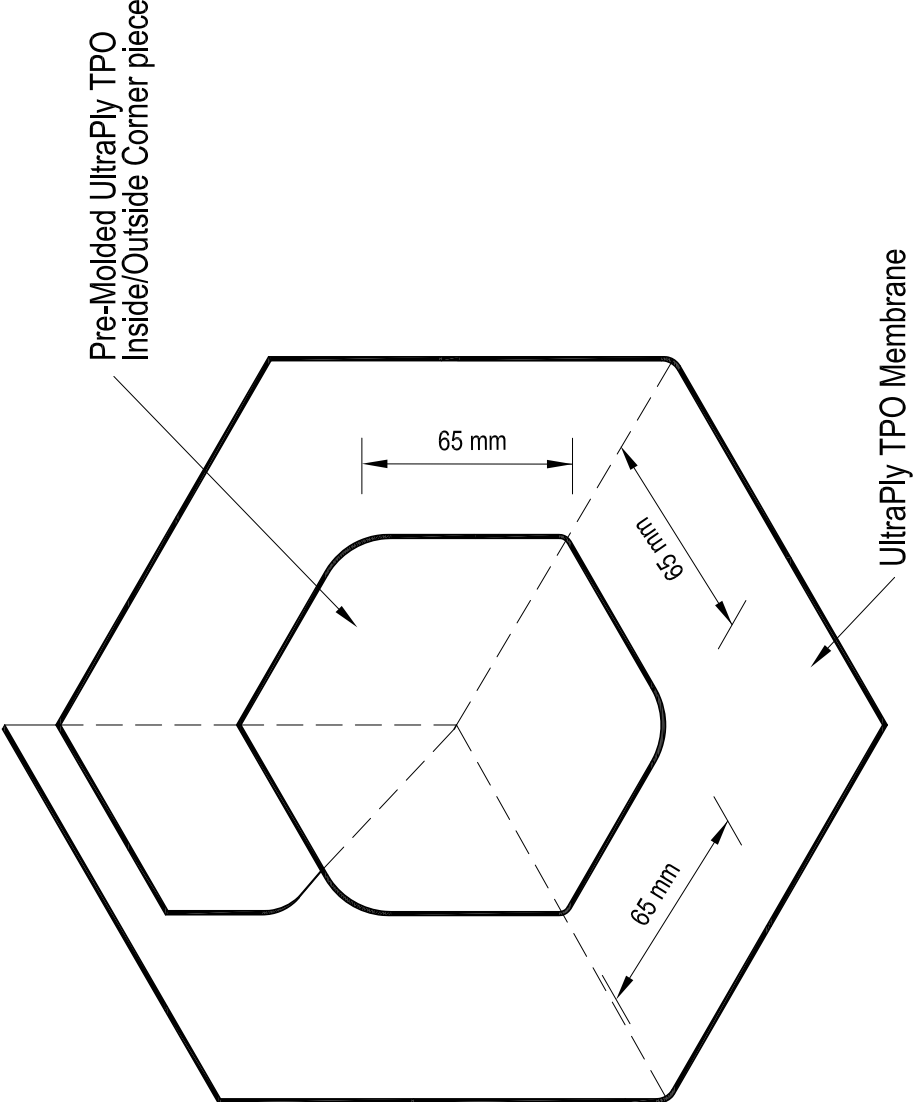
T-C-1	Outside corner using pre-molded UltraPly TPO corner piece
T-C-2	Inside corner using pre-molded UltraPly TPO corner piece
T-C-3	Inside corner with continuous wall flashing using pre-molded UltraPly TPO corner piece
T-C-4	Field-fabricated inside corner with continuous wall flashing
T-C-5	Field-fabricated inside corner
T-C-6	Field-fabricated outside corner
T-C-7	Field-fabricated outside corner with reinforcement patch






	<div> <div>  <div> Firestone Building Products </div> </div> <div> <div> <div> UltraPly TPO  Outside Corner using Pre-Molded  UltraPly TPO corner piece </div> <div> <div> No.: T - C - 1 </div> <div> 05/2018 </div> </div> <div> Systems  All </div> </div> </div> </div>		
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	<p><b>Firestone</b> Firestone Building Products</p>	<p><b>UltraPly TPO</b> Inside Corner using Pre-Molded UltraPly TPO corner piece</p>	<p><b>No.:</b> T - C - 2 05/2018</p>	<p><b>Systems</b> All</p>
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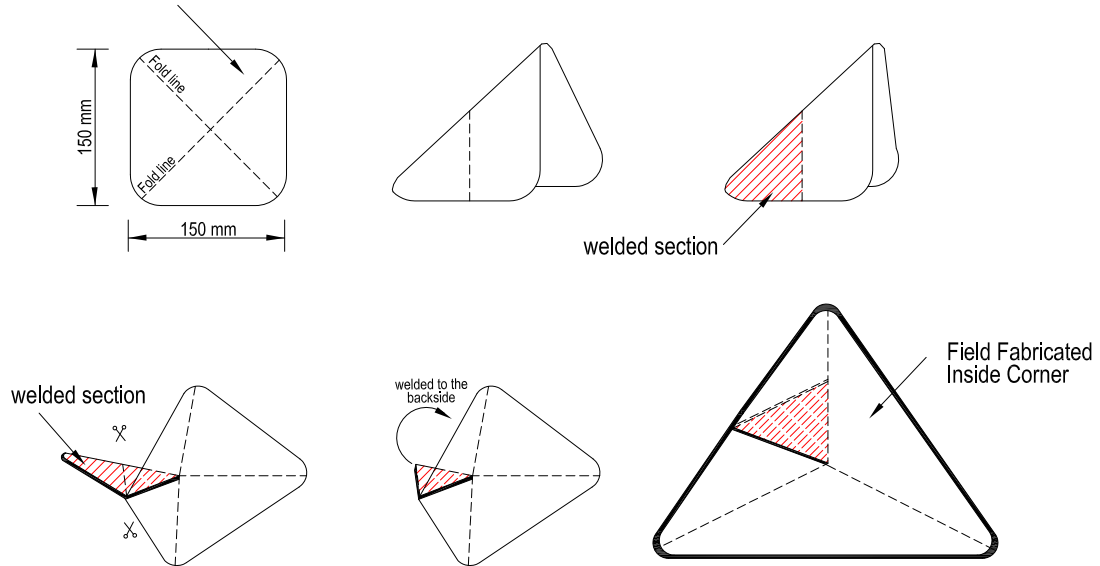
<p>Pre-Molded UltraPly TPO Inside/Outside Corner</p> <p>UltraPly TPO Membrane</p> <p>UltraPly TPO Membrane</p> <p>UltraPly TPO Unsupported Flashing (or T-joint cover)</p>	<div> <div>  <div> Firestone Building Products </div> </div> <div> <div> <div>UltraPly TPO</div> <div>Inside Corner with Continuous Wall Flashing using Pre-Molded UltraPly TPO corner piece</div> </div> <div> <div>No.: T - C - 3</div> <div>05/2018</div> </div> <div> <div>Systems</div> <div>All</div> </div> </div> </div>		
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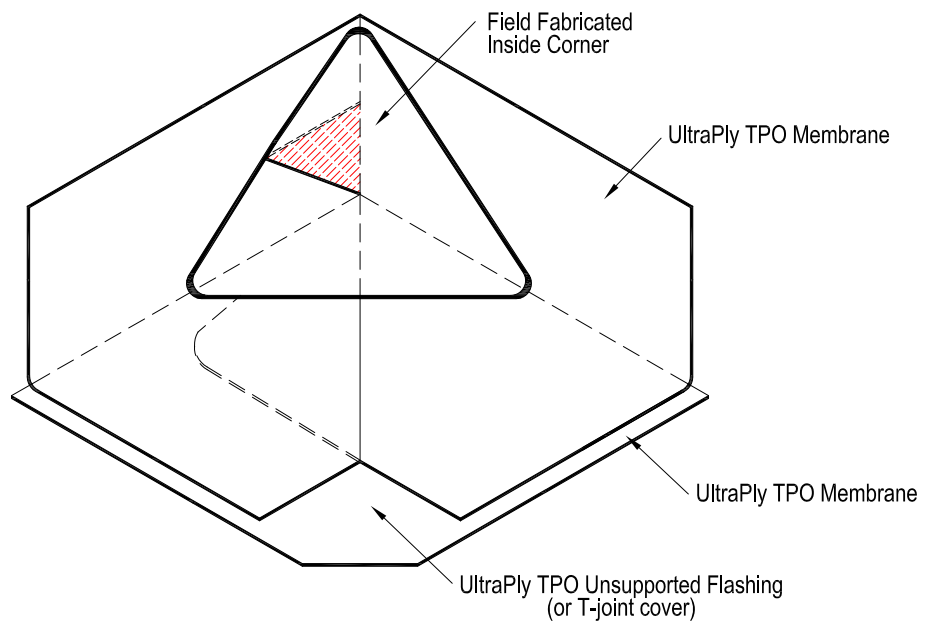
### **STEP #1**

#### UltraPly TPO Unsupported Flashing to Field Fabricated Inside Corner

UltraPly TPO Unsupported Flashing



### **STEP #2**



**Firestone**  
Firestone Building Products

**UltraPly TPO**  
Field Fabricated Inside Corner  
with Continuous Wall Flashing

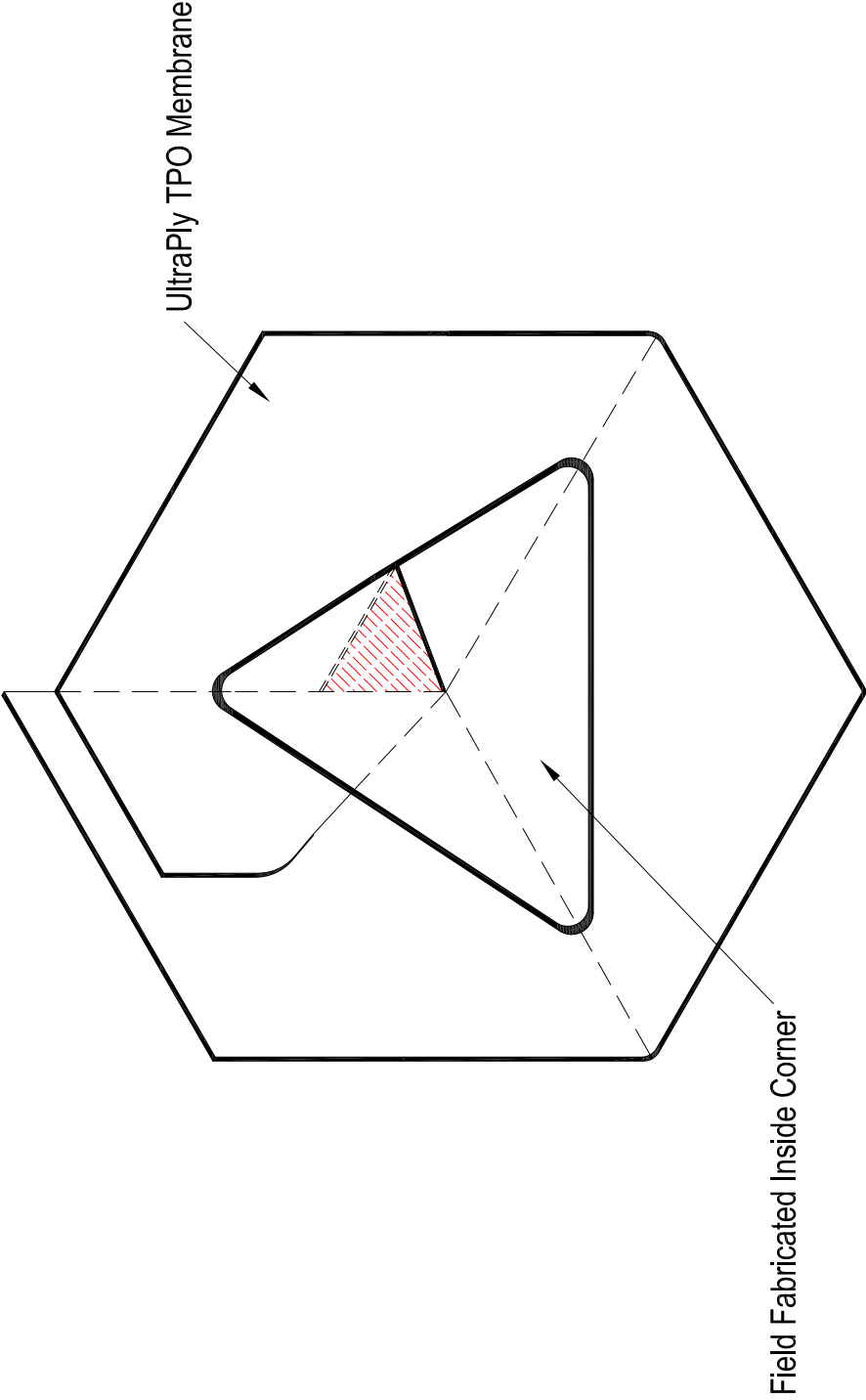

No.: T - C - 4

05/2018

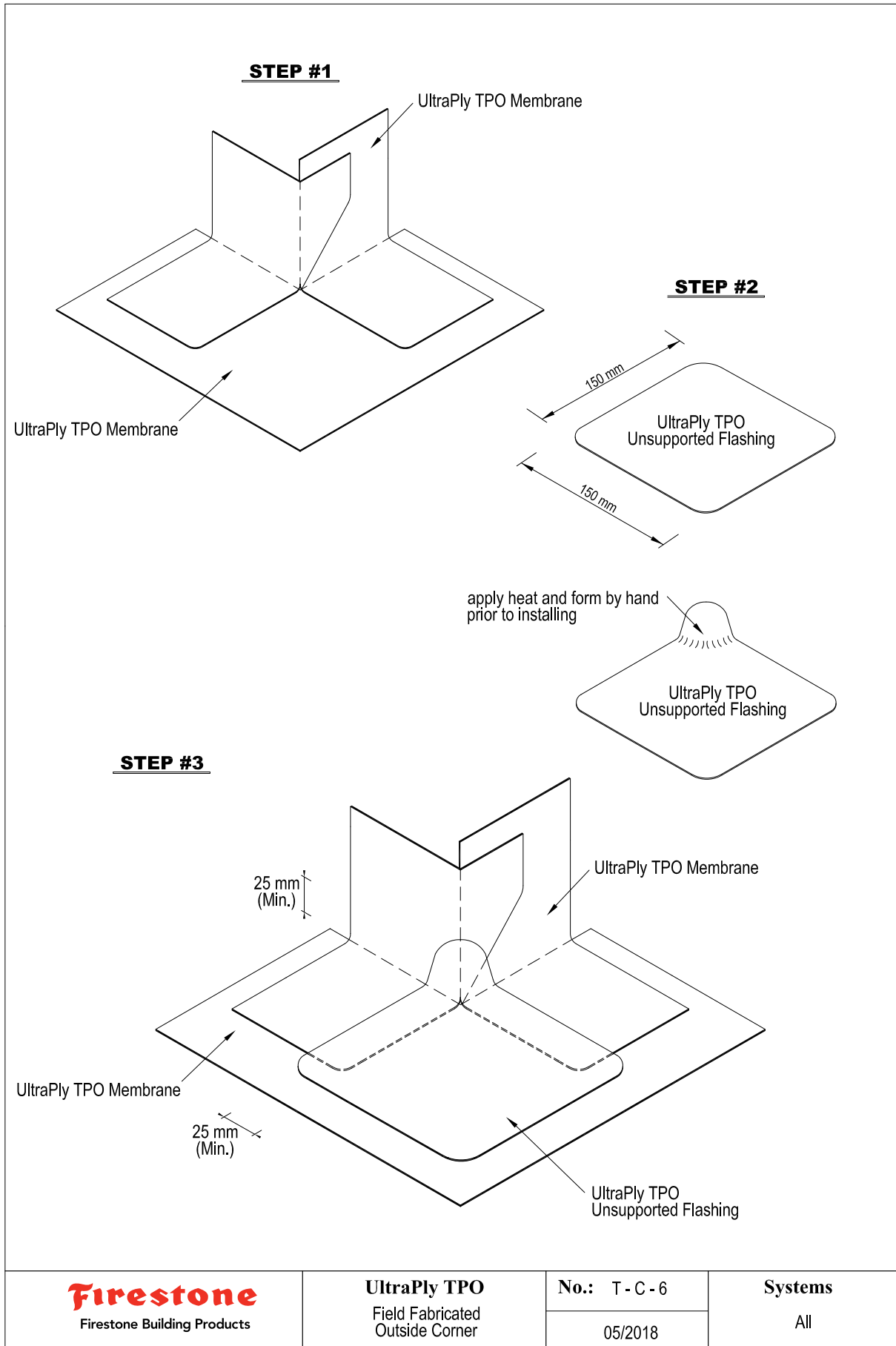
**Systems**

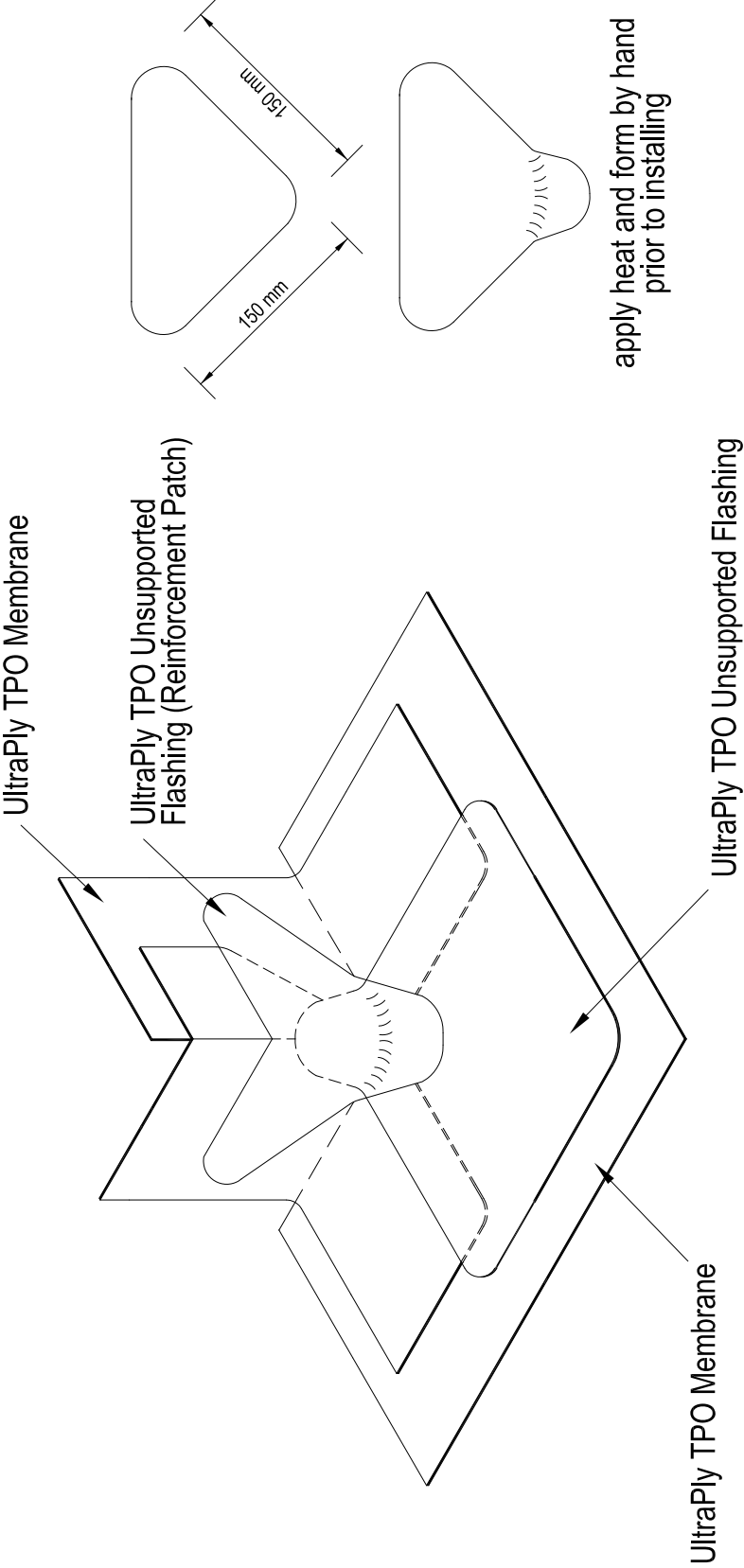

All



 <p>UltraPly TPO Membrane</p> <p>Field Fabricated Inside Corner</p>	<div> <div>  <div> Firestone Building Products </div> </div> <div> <div>UltraPly TPO</div> <div>Field Fabricated Inside Corner</div> </div> <div> <div>No.: T - C - 5</div> <div>05/2018</div> </div> <div> <div>Systems</div> <div>All</div> </div> </div>		
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 <p>UltraPly TPO Membrane</p> <p>UltraPly TPO Unsupported Flashing (Reinforcement Patch)</p> <p>150 mm</p> <p>150 mm</p> <p>apply heat and form by hand prior to installing</p> <p>UltraPly TPO Membrane</p> <p>UltraPly TPO Unsupported Flashing</p>	<div> <div>  <div> Firestone Building Products </div> </div> <div> <div> <div>UltraPly TPO</div> <div>Field Fabricated Outside Corner with Reinforcement Patch</div> </div> <div> <div>No.: T - C - 7</div> <div>05/2018</div> </div> </div> <div> <div>Systems</div> <div>All</div> </div> </div>		
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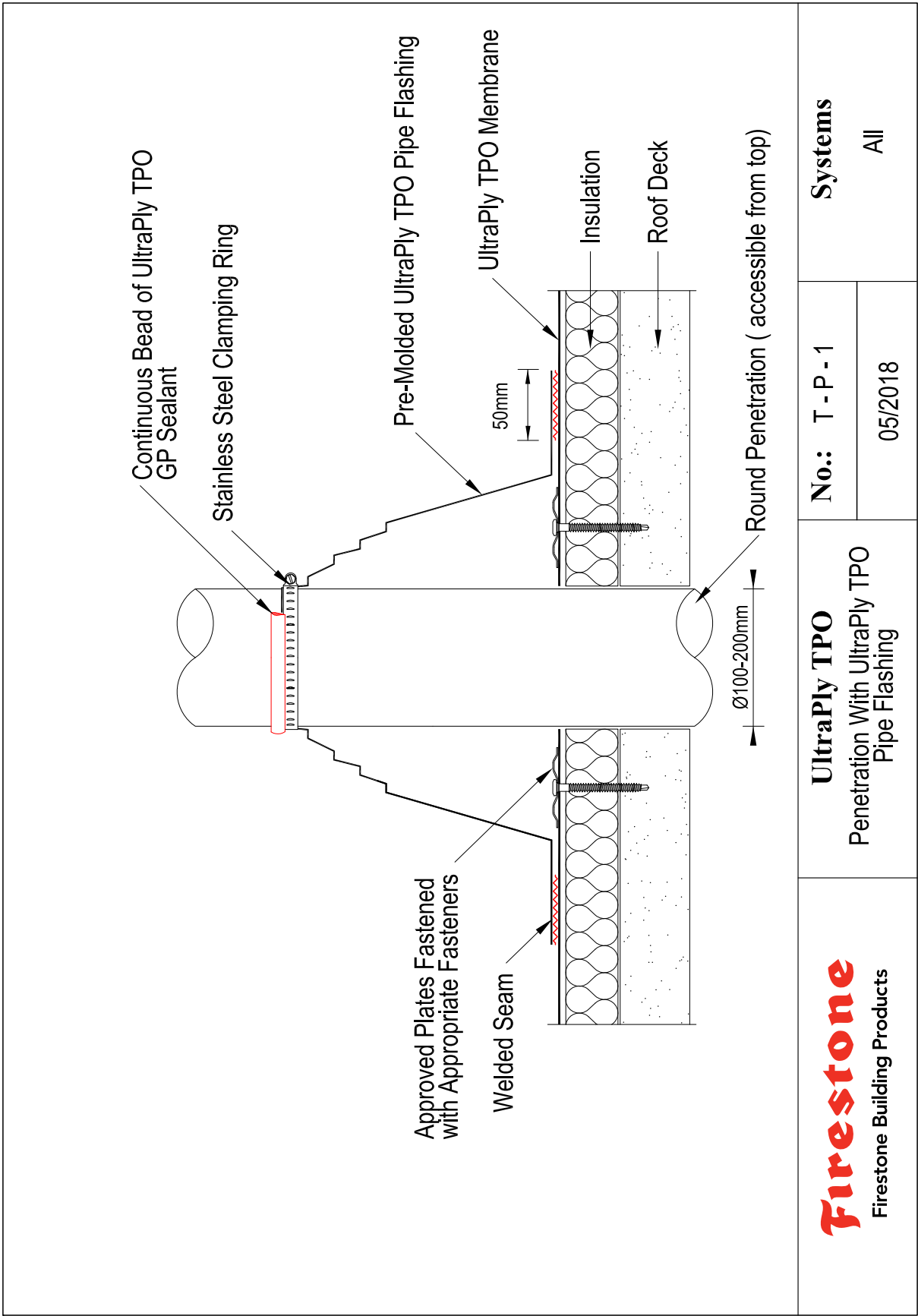


## 5.4 Penetrations

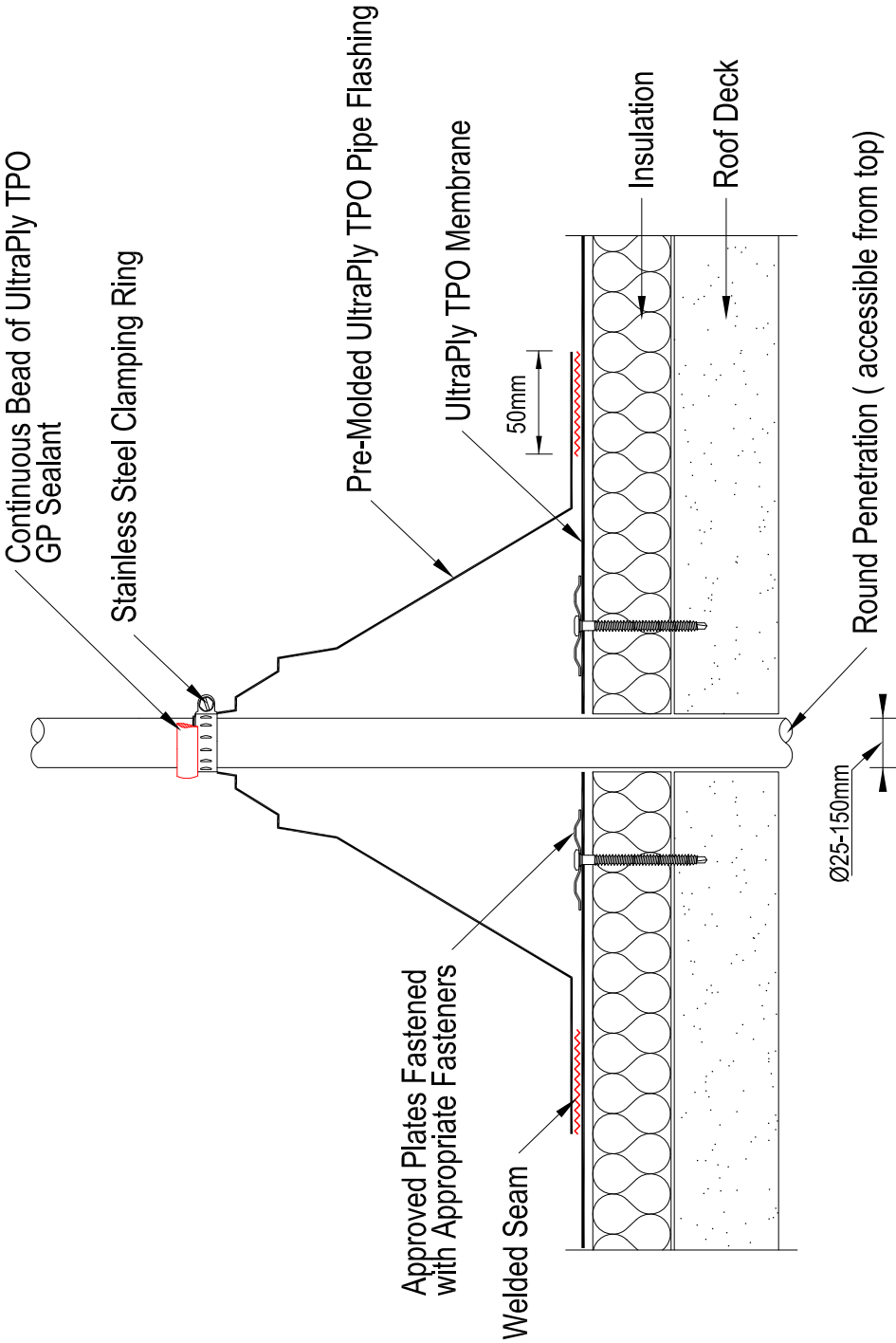
T-P-1	Penetration with UltraPly TPO Pipe Flashing
T-P-2	Penetration with UltraPly TPO Universal Pipe flashing
T-P-3	Penetration with UltraPly TPO Unsupported Flashing
T-P-4	Penetration with UltraPly TPO Unsupported Flashing (alternative method)
T-P-5	Hot pipe penetration
T-P-6	Penetration using TPO Penetration Pocket Kit
T-P-7	Penetration pocket using UltraPly TPO Coated Metal
T-P-8	Membrane securement layout at penetration (target patch)
T-P-9	Membrane securement layout at penetration (cover strips)

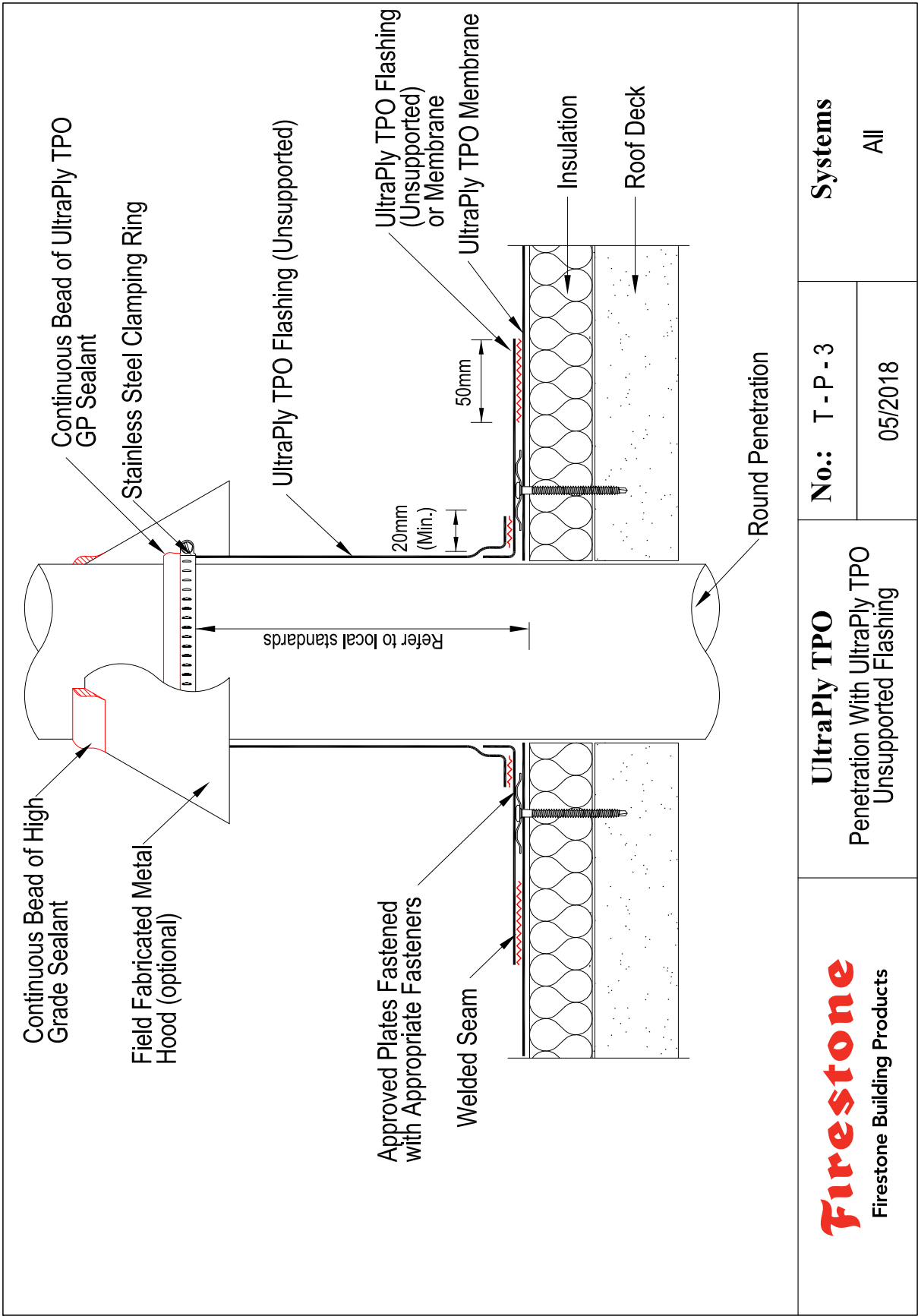


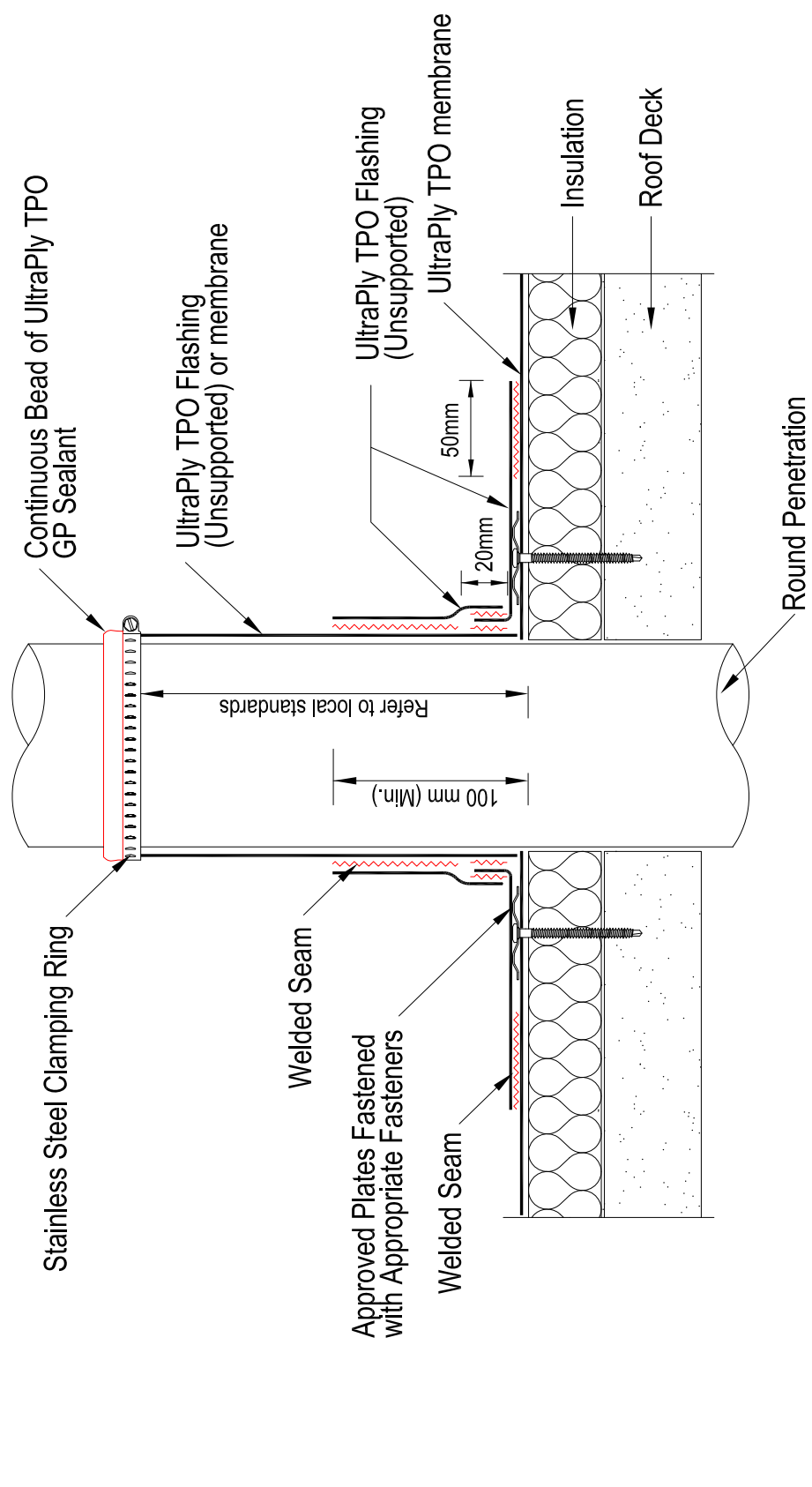



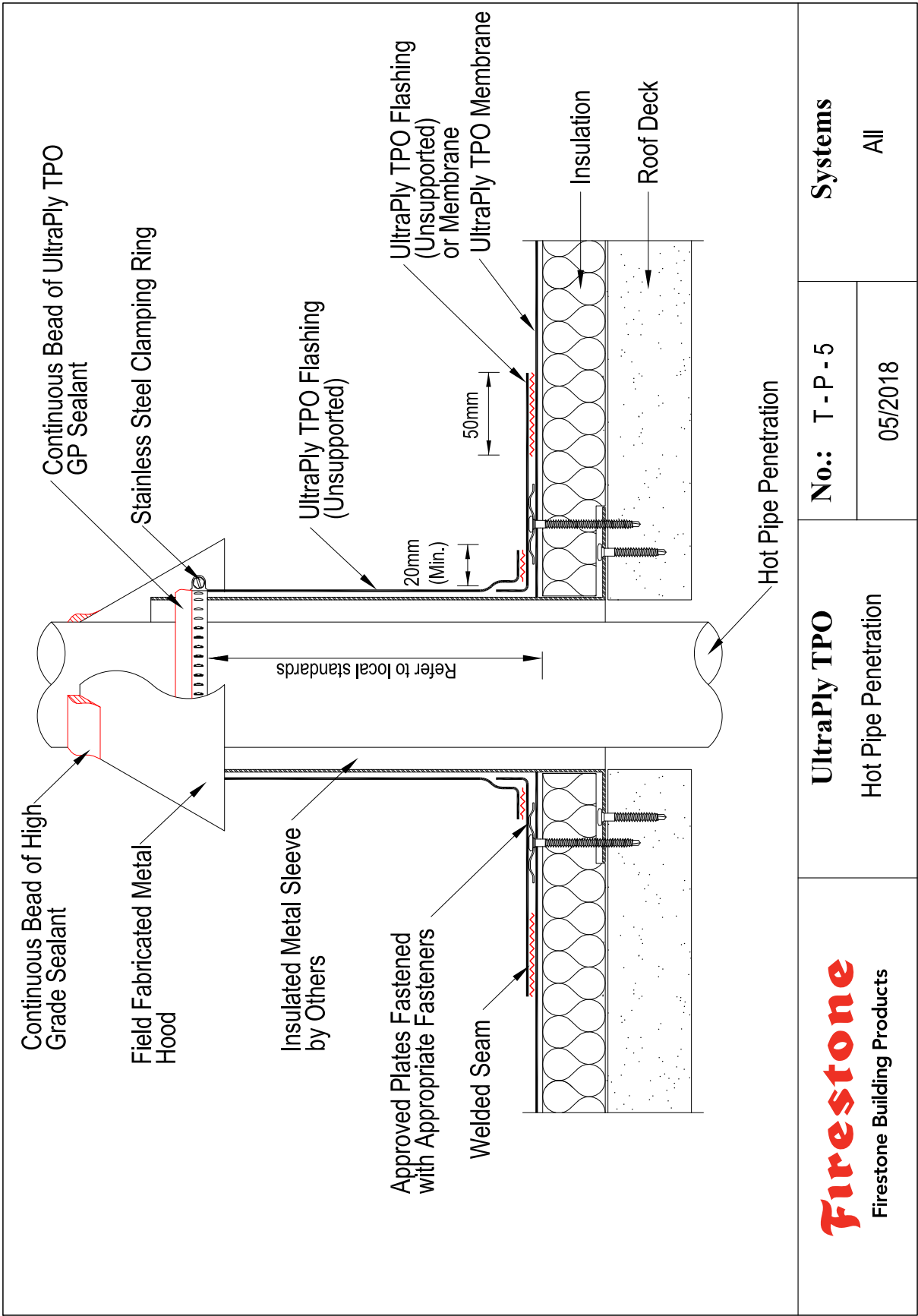


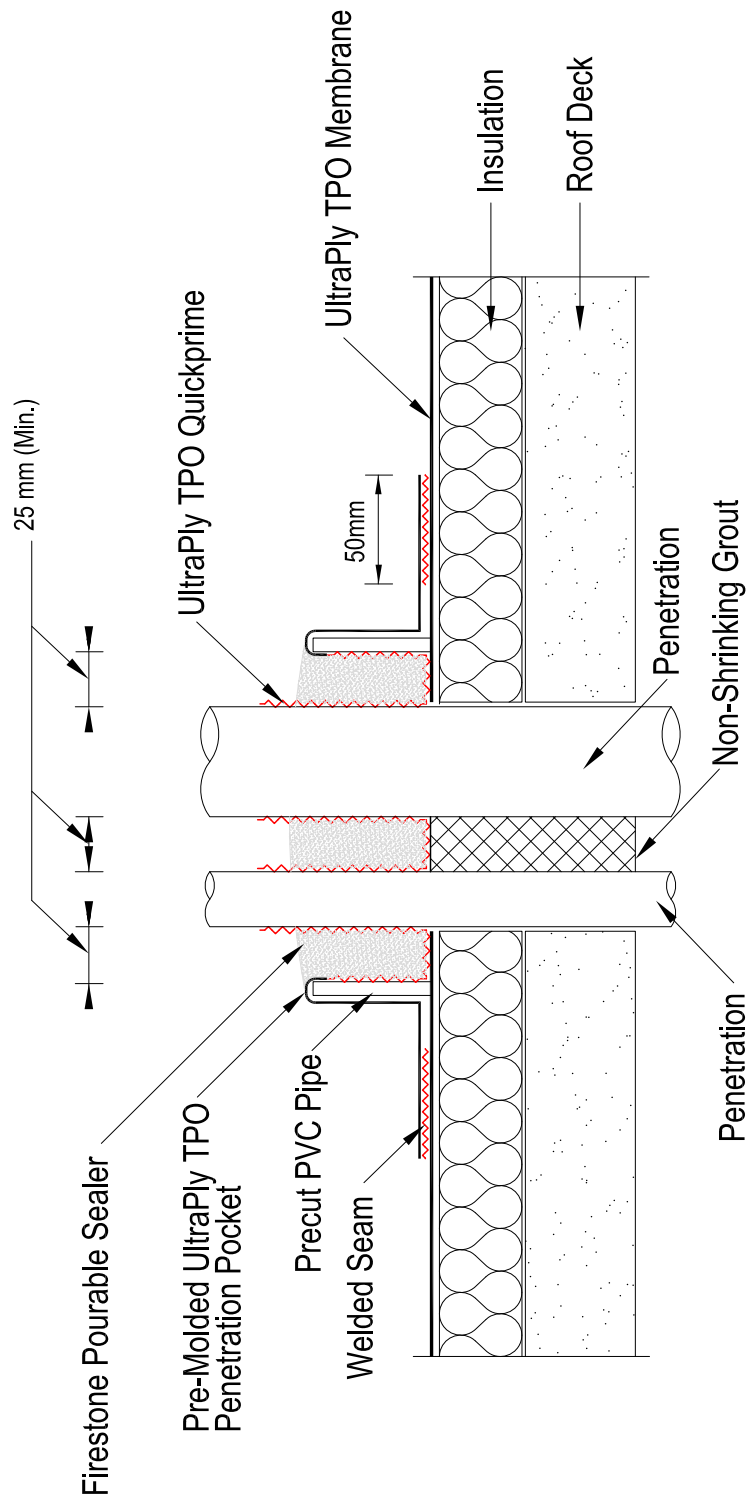


		<b>UltraPly TPO</b> Penetration With UltraPly TPO Universal Pipe Flashing		<b>Systems</b> All	
		No.: T - P - 2			
		05/2018			



	<div> <div>  <div> Firestone Building Products </div> </div> <div> <div> <div> UltraPly TPO Penetration With UltraPly TPO Unsupported Flashing (Alternative method) </div> <div> No.: T - P - 4 05/2018 </div> </div> <div> Systems All </div> </div> </div>	
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Note: Refer to T-P-8 Detail for appropriate Base Tie-In .

<b>Firestone</b> Firestone Building Products	<b>UltraPly TPO</b> Penetration using TPO Penetration Pocket Kit	No.: T - P - 6	Systems  All
		05/2018	







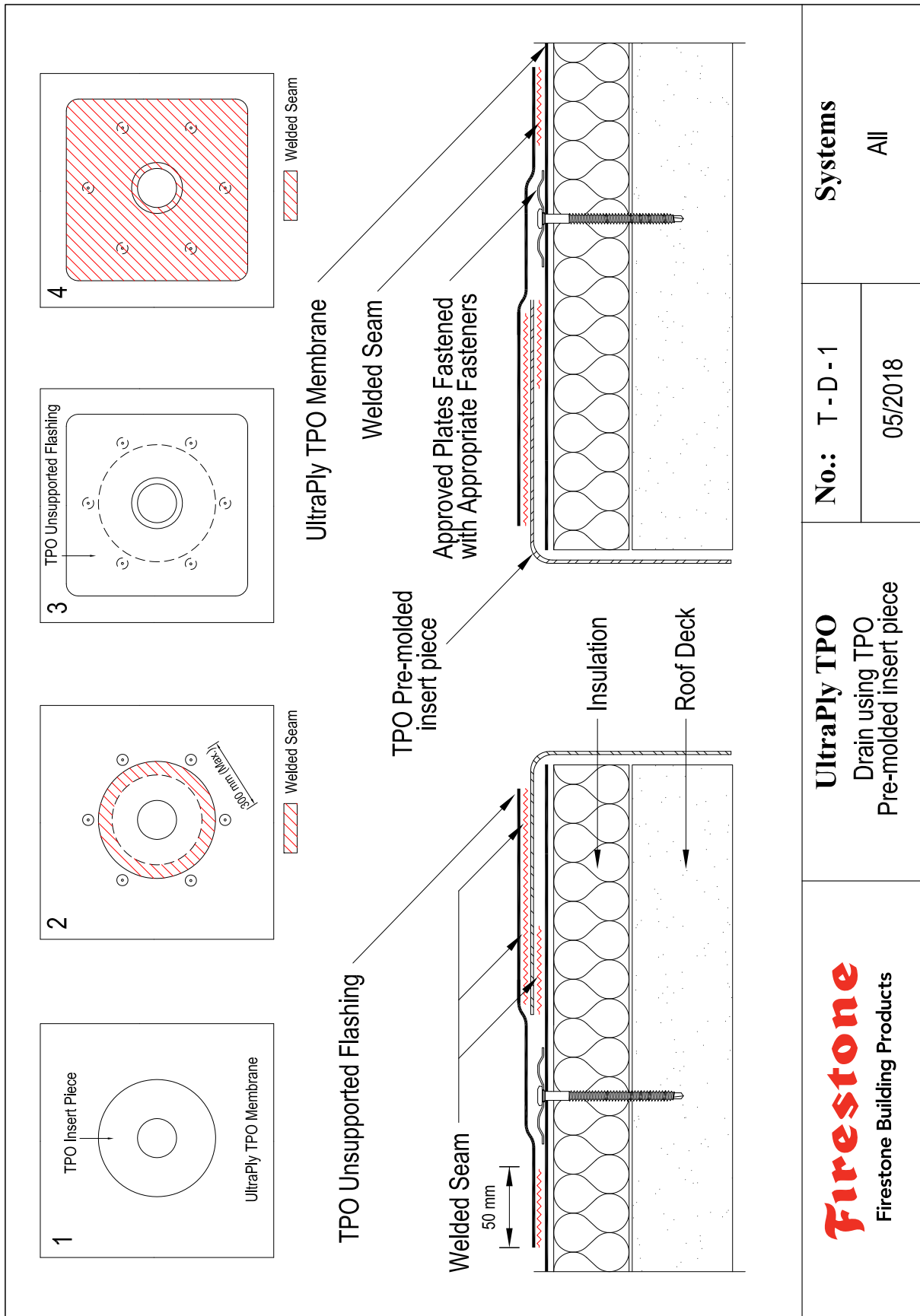
<p>Approved Plates Fastened with Appropriate Fasteners</p> <p>UltraPly TPO Membrane</p> <p>Outside Edge of Penetration Flashing</p> <p>UltraPly TPO Membrane</p> <p>110 - 300 mm</p> <p>50 mm (Min.)</p> <p>150 mm</p> <p>50 mm (Min.)</p>	<div> <div> <div>Firestone</div> <div>Firestone Building Products</div> </div> <div> <div>UltraPly TPO</div> <div>Membrane Securement Layout at Penetration (Cover Strips)</div> </div> <div> <div>No.: T - P - 9</div> <div>05/2018</div> </div> <div> <div>Systems</div> <div>All</div> </div> </div>		
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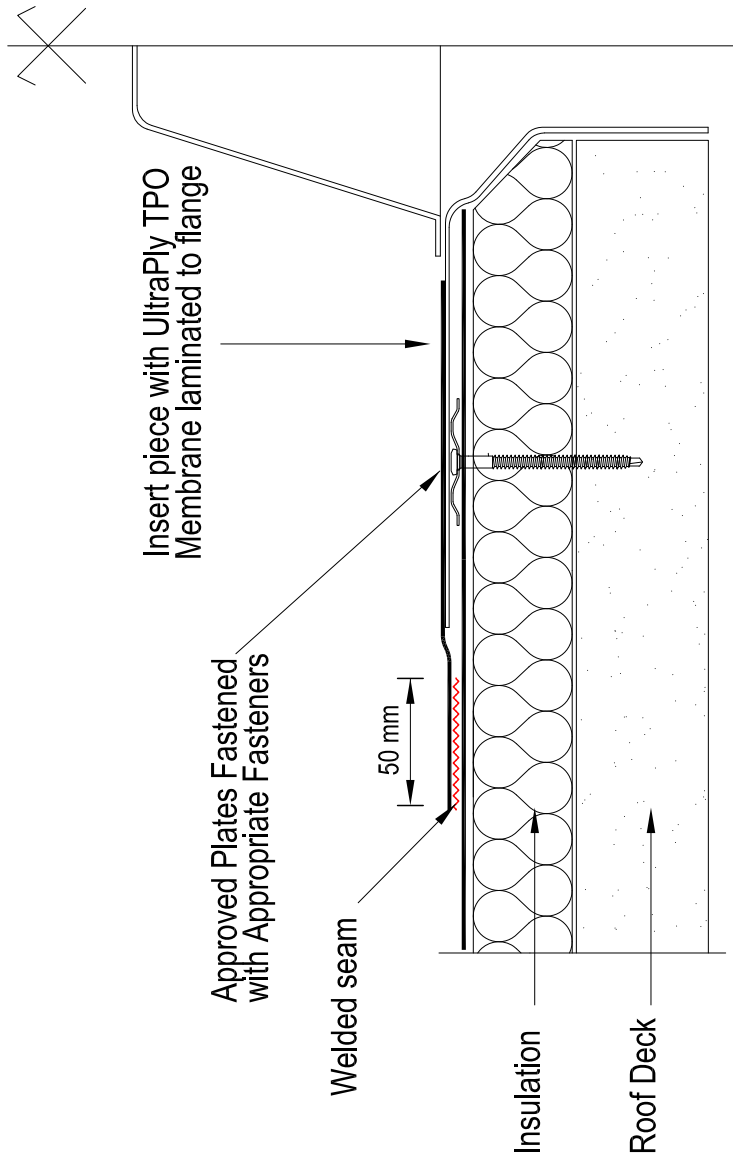


## 5.5 Drains

T-D-1	Drain using TPO pre-molded insert piece
T-D-2	Drain using insert piece with UltraPly TPO membrane laminated to flange
T-D-3	Drain with clamping ring
T-D-4	TPO pre-molded scupper

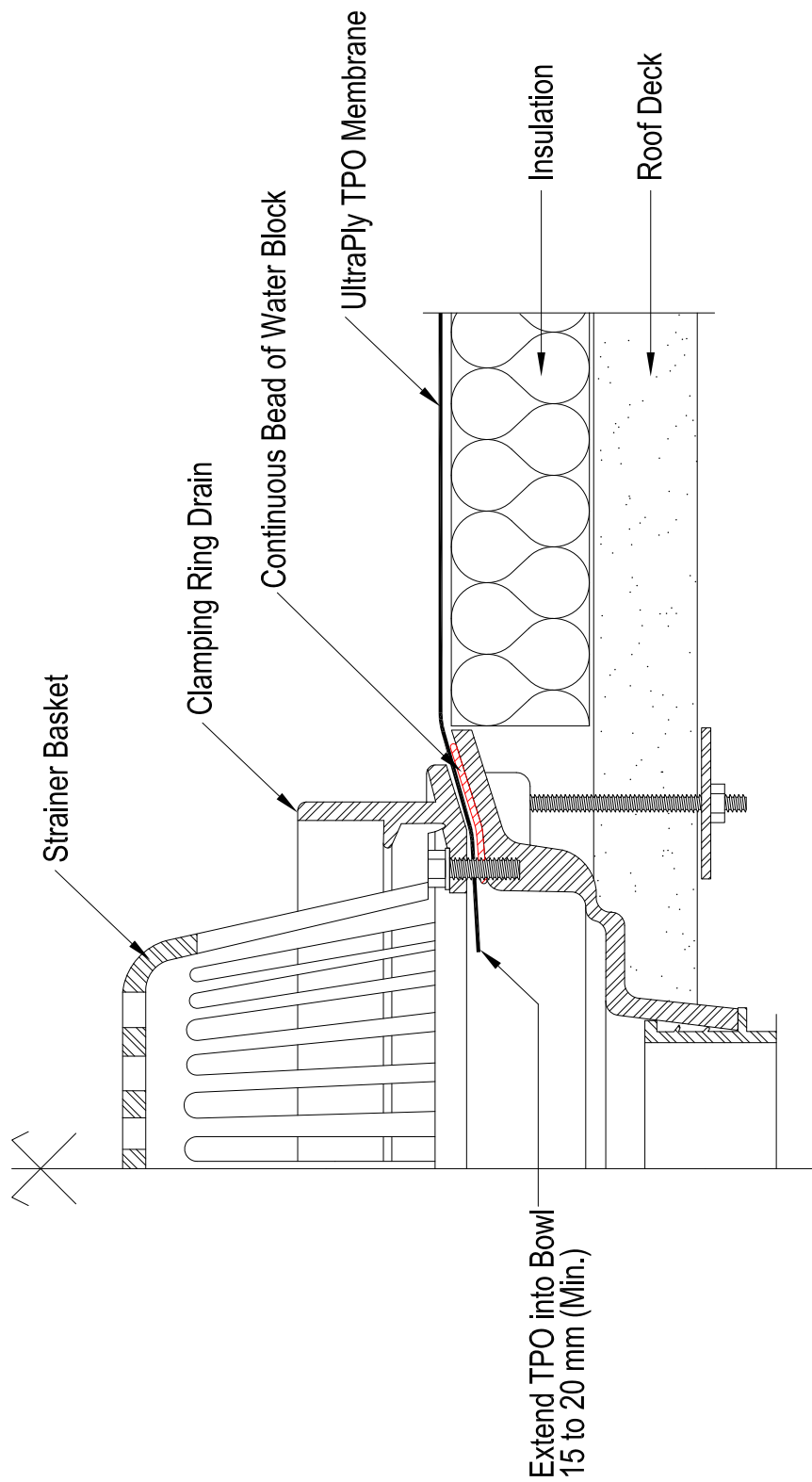






Note: A bead of Cut Edge Sealant is required.

<b>Firestone</b> Firestone Building Products	<b>UltraPly TPO</b> Drain using Insert piece with UltraPly TPO Membrane laminated to flange	No.: T - D - 2	Systems  All
		05/2018	



Note: Maximum slope to Drain is 1:12.

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**UltraPly TPO**  
Drain with Clamping Ring

No.: T - D - 3

05/2018

**Systems**

All





UltraPly TPO Bonding Adhesive / BA 2012 / BA 2012 S

Continuous weld (50 mm)

Approved Plates Fastened  
with Appropriate Fasteners

TPO Unsupported Flashing

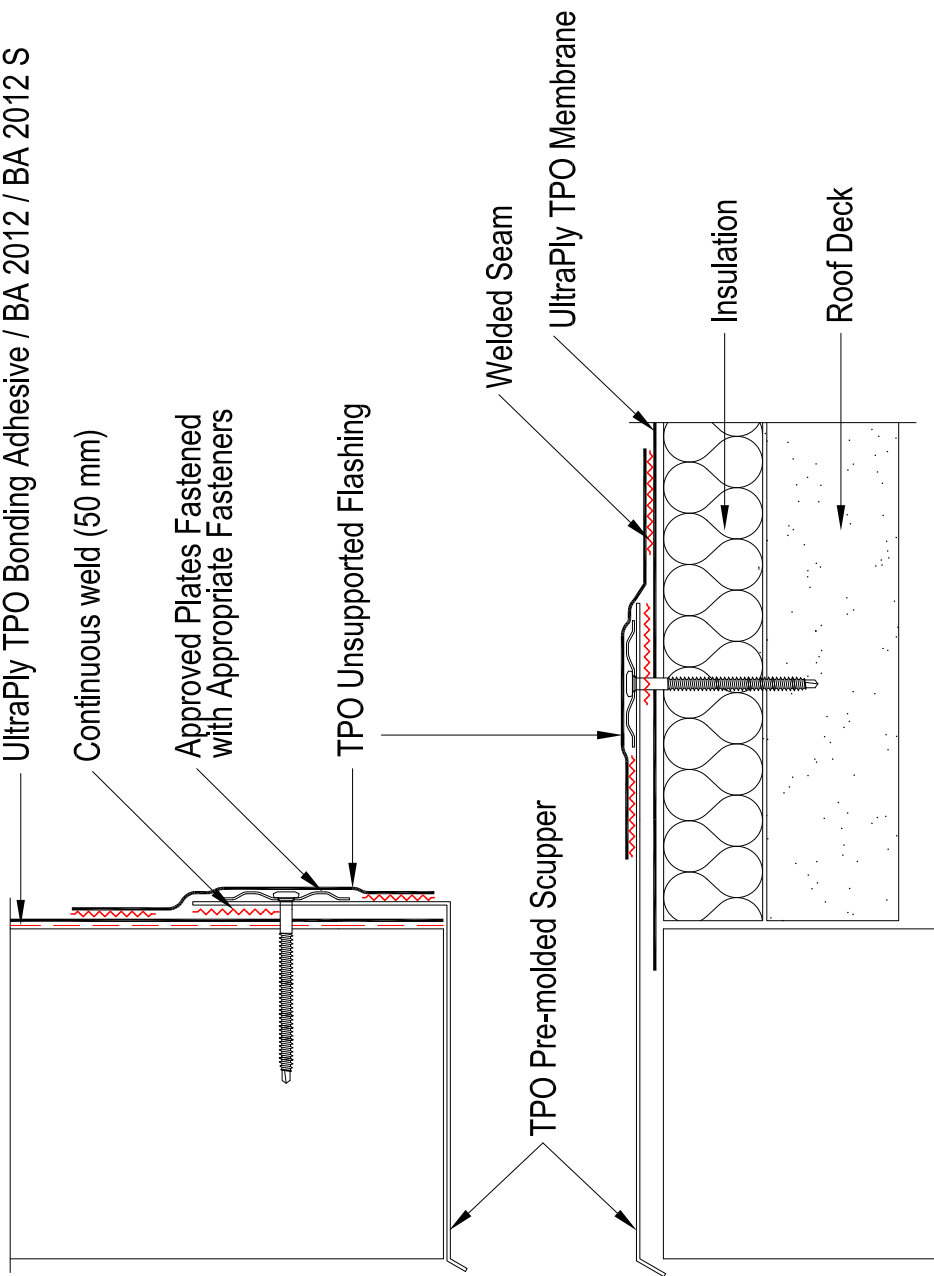
Welded Seam

TPO Pre-molded Scupper

UltraPly TPO Membrane

Insulation

Roof Deck



	<b>UltraPly TPO</b>  TPO Pre-molded Scupper	No.: T - D - 4	<b>Systems</b>  All
		05/2018	

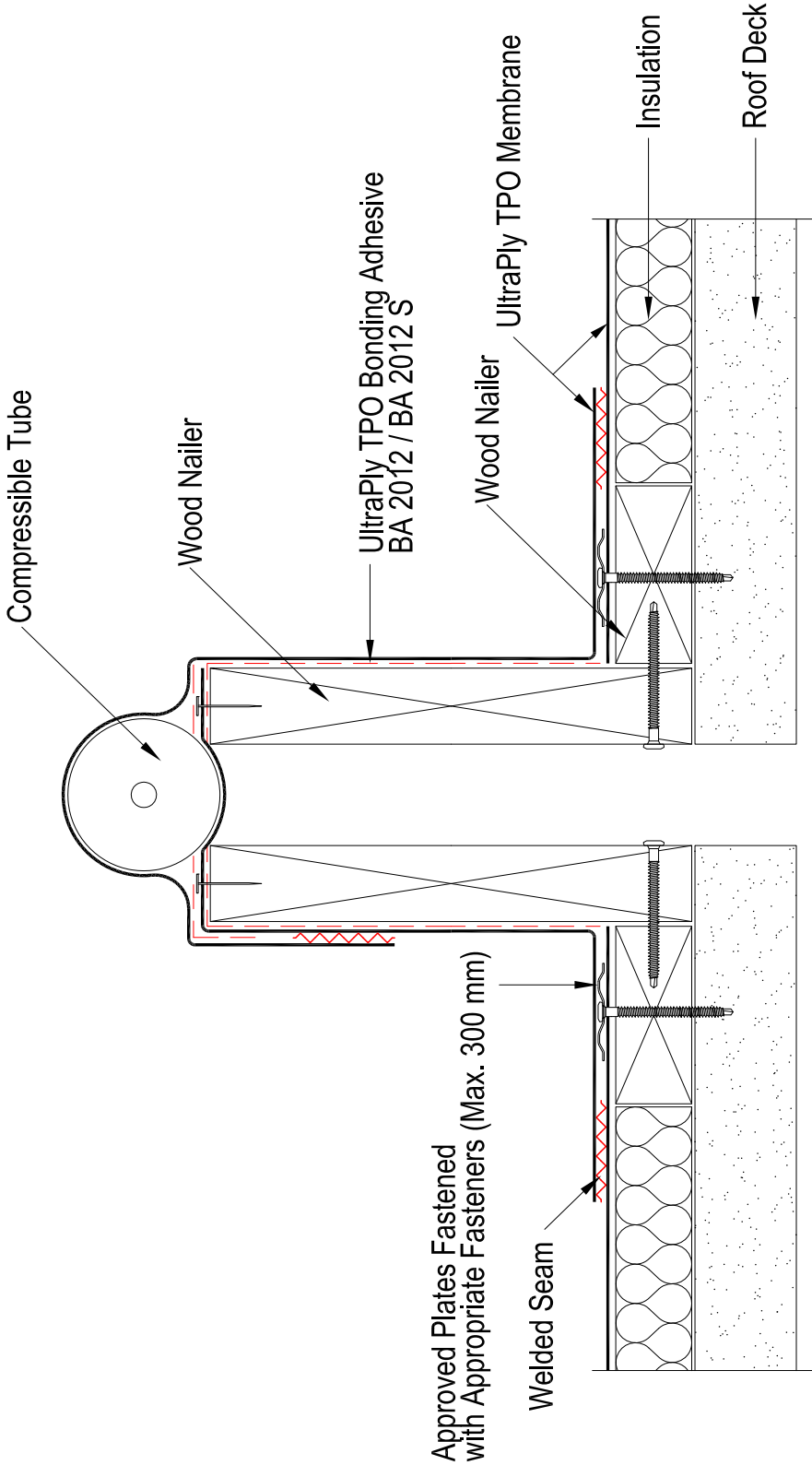
## 5.6 Expansion joints

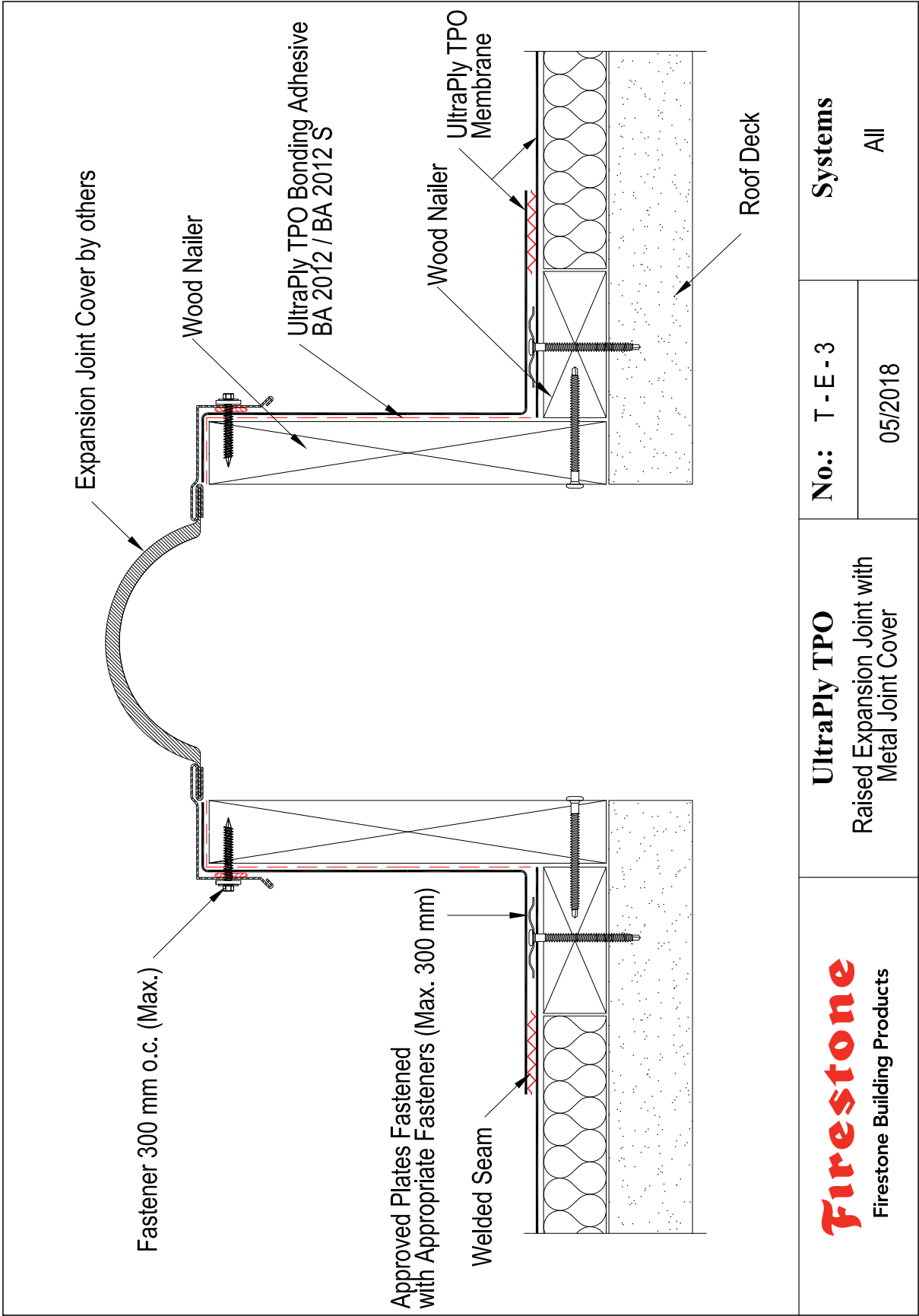
T-E-1	Flat expansion joint
T-E-2	Raised expansion joint
T-E-3	Raised expansion joint with metal joint cover
T-E-4	Wall expansion joint







 <p>Compressible Tube</p> <p>Wood Nailers</p> <p>UltraPly TPO Bonding Adhesive BA 2012 / BA 2012 S</p> <p>Wood Nailers</p> <p>UltraPly TPO Membrane</p> <p>Insulation</p> <p>Roof Deck</p> <p>Approved Plates Fastened with Appropriate Fasteners (Max. 300 mm)</p> <p>Welded Seam</p>		<b>Systems</b> All	
<b>UltraPly TPO</b> Raised Expansion Joint		<b>No.: T - E - 2</b> 05/2018	
<b>Firestone</b> Firestone Building Products			



**Firestone**  
Firestone Building Products

**UltraPly TPO**  
Raised Expansion Joint with  
Metal Joint Cover

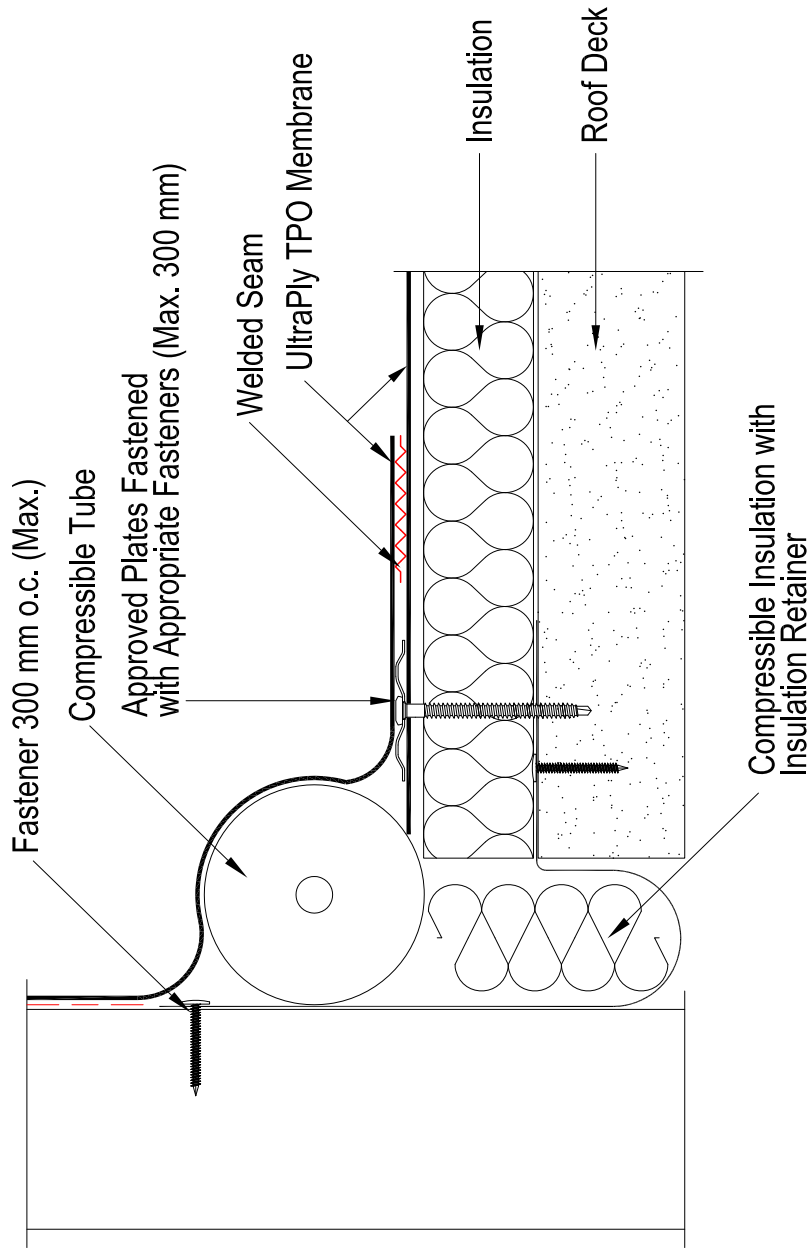
No.: T - E - 3

05/2018

**Systems**

All





**Firestone**  
Firestone Building Products

**UltraPly TPO**  
Wall Expansion Joint

**No.: T - E - 4**

05/2018

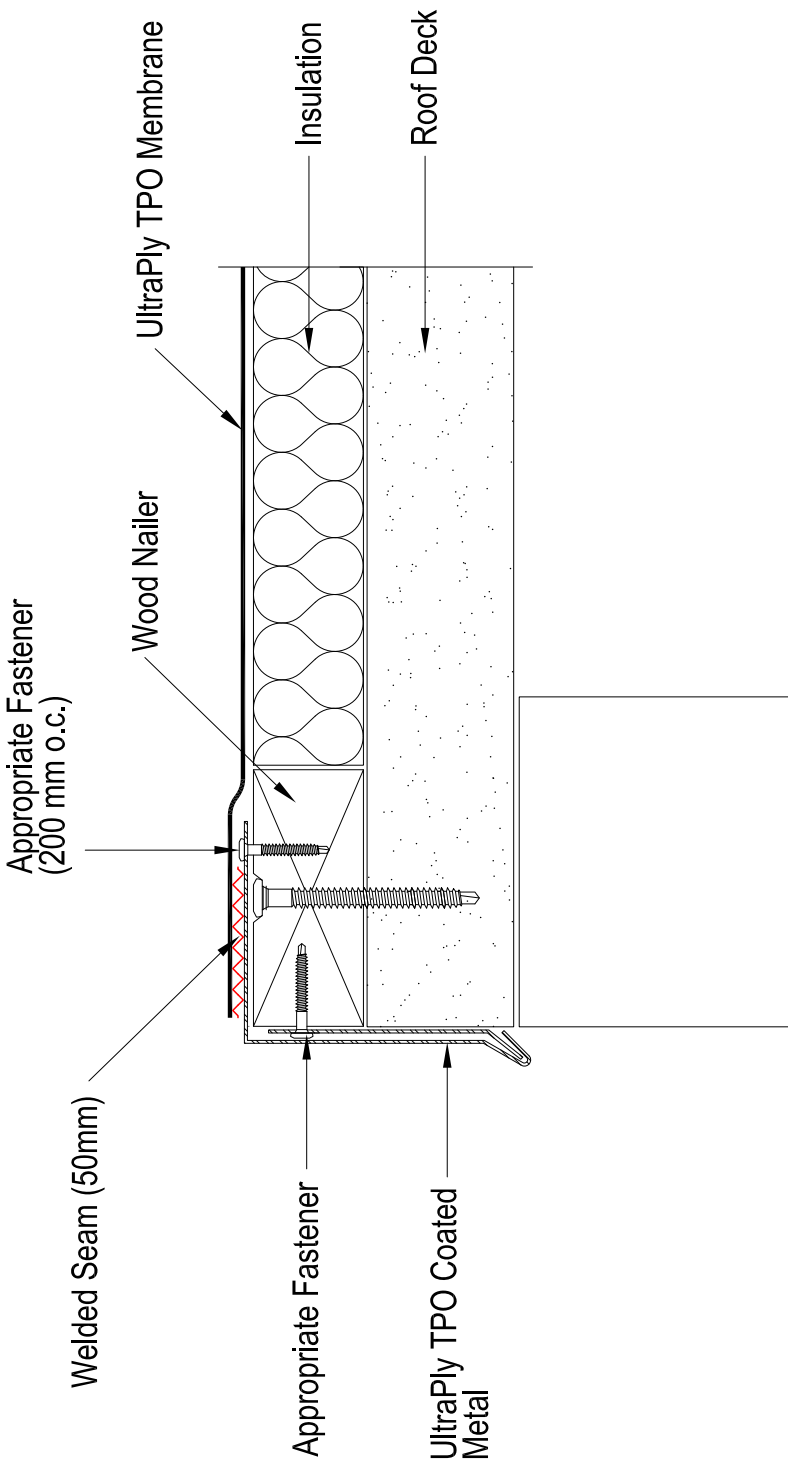
**Systems**

All

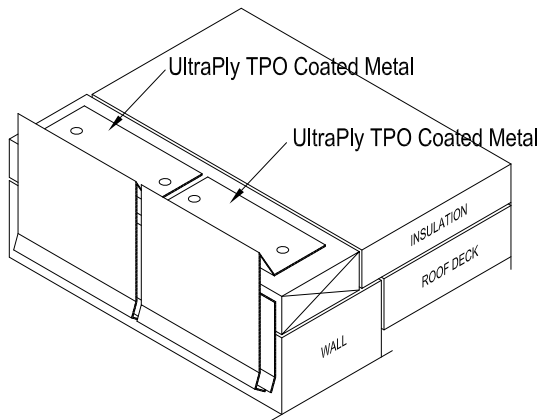
## 5.7 Roof edges

T-RE-1	Roof edge gutter using profile of UltraPly TPO Coated Metal
T-RE-2	Roof edge using profile of UltraPly TPO Coated Metal
T-RE-3	Joint between profiles of UltraPly TPO Coated Metal
T-RE-4	Roof edge with edge profile
T-RE-5	Alternative roof edge with edge profile
T-RE-6	Roof edge using TPO QuickSeam Flashing

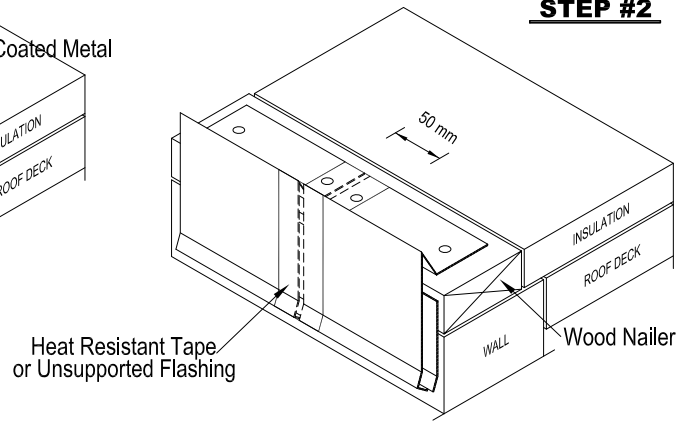


<div data-bbox="309 351 1101 1807"><p>Welded Seam (50mm)</p><p>Appropriate Fastener (200 mm o.c.)</p><p>Wood Nail</p><p>UltraPly TPO Membrane</p><p>Insulation</p><p>Roof Deck</p><p>Appropriate Fastener</p><p>UltraPly TPO Coated Metal</p></div>	<table><tr><td data-bbox="1241 250 1319 934" rowspan="2"><b>UltraPly TPO</b> Roof Edge using profile of UltraPly TPO Coated Metal</td><td data-bbox="1241 934 1319 1404"><b>No.:</b> T - RE - 2</td><td data-bbox="1241 1404 1319 1975" rowspan="2"><b>Systems</b> All</td></tr><tr><td data-bbox="1319 934 1399 1404">05/2018</td></tr></table>	<b>UltraPly TPO</b> Roof Edge using profile of UltraPly TPO Coated Metal	<b>No.:</b> T - RE - 2	<b>Systems</b> All	05/2018
<b>UltraPly TPO</b> Roof Edge using profile of UltraPly TPO Coated Metal	<b>No.:</b> T - RE - 2		<b>Systems</b> All		
	05/2018				

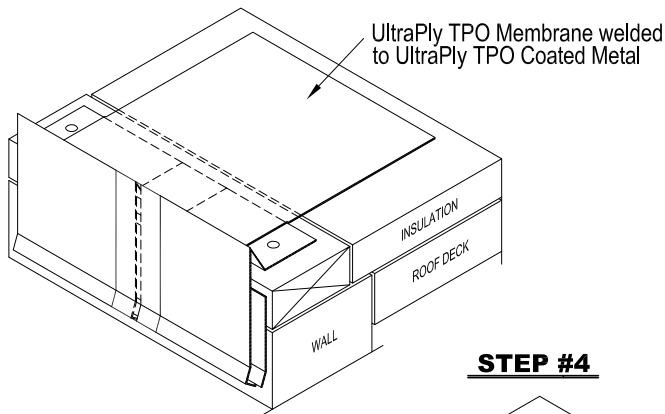
### **STEP #1**



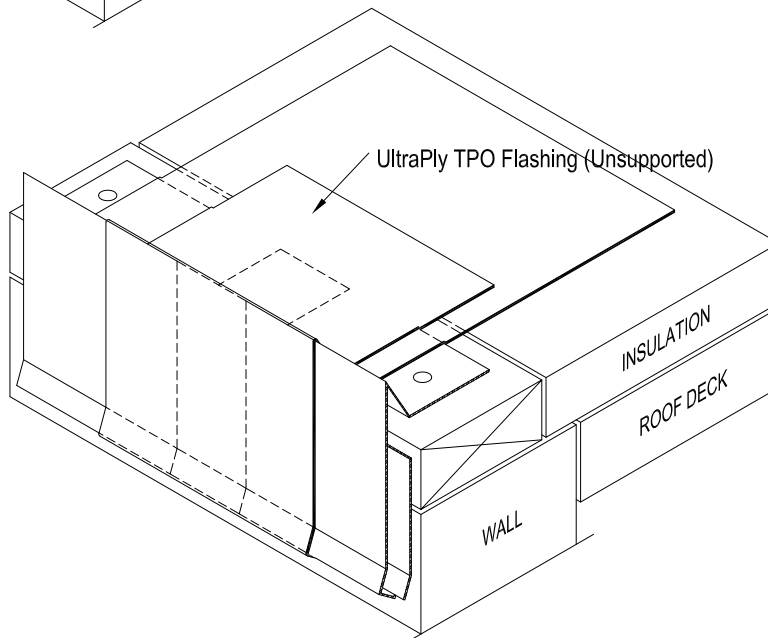
### **STEP #2**



### **STEP #3**



### **STEP #4**



**Firestone**  
Firestone Building Products

**UltraPly TPO**  
Joint between profiles of  
UltraPly TPO Coated Metal

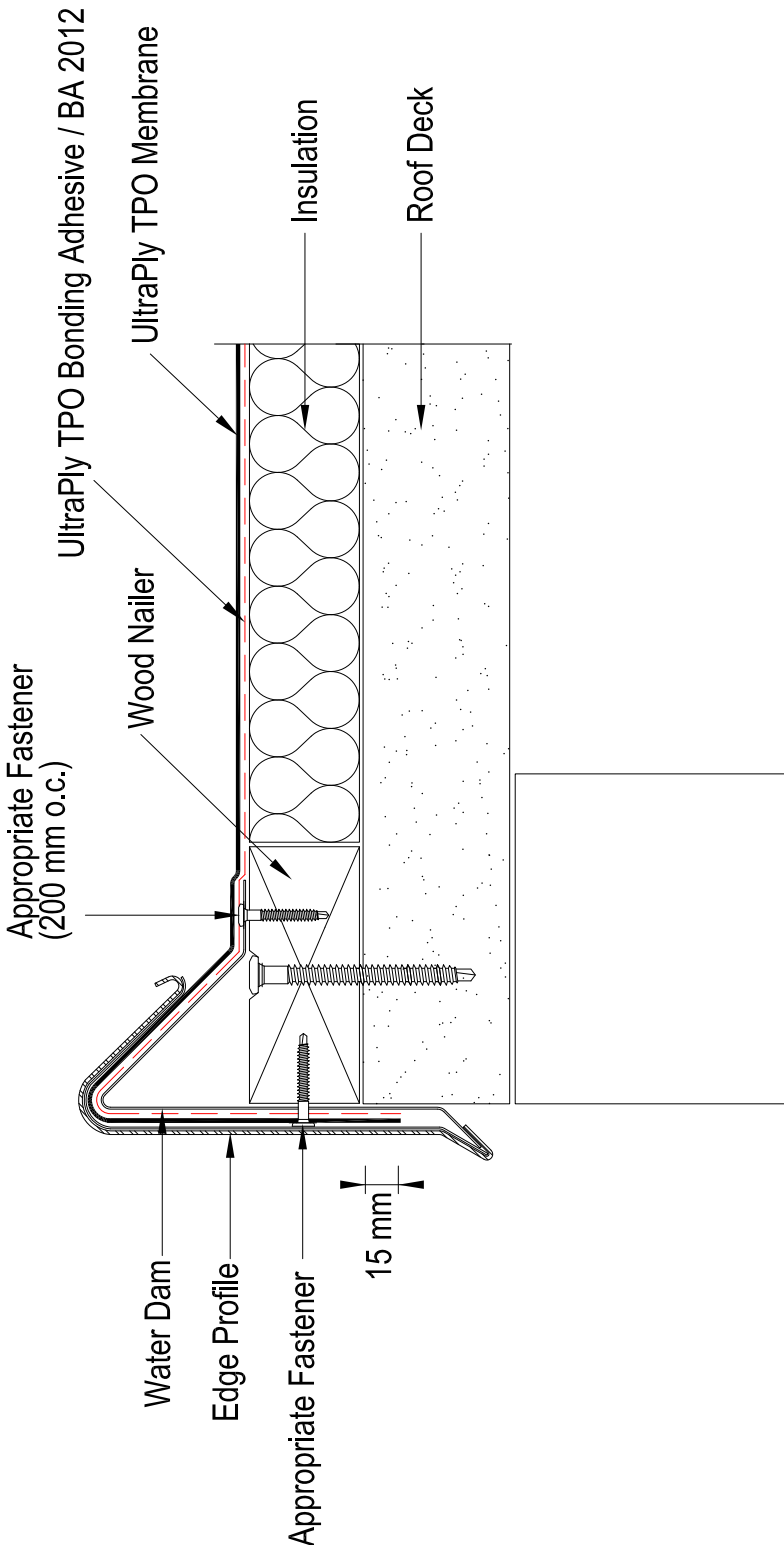
**No.:** T - RE - 3

05/2018

**Systems**

All



<div data-bbox="314 275 1101 1814"></div>	<div data-bbox="1270 1509 1366 1874"><b>Firestone</b> Firestone Building Products</div>	<table><tr><td colspan="2" data-bbox="1240 931 1319 1404" rowspan="2"><b>UltraPly TPO</b> Roof edge with Edge Profile</td><td data-bbox="1240 622 1319 931"><b>No.:</b> T - RE - 4</td><td data-bbox="1240 266 1319 622" rowspan="2"><b>Systems</b> Adhered</td></tr><tr><td data-bbox="1319 622 1393 931">05/2018</td></tr></table>	<b>UltraPly TPO</b> Roof edge with Edge Profile		<b>No.:</b> T - RE - 4	<b>Systems</b> Adhered	05/2018
<b>UltraPly TPO</b> Roof edge with Edge Profile		<b>No.:</b> T - RE - 4			<b>Systems</b> Adhered		
		05/2018					





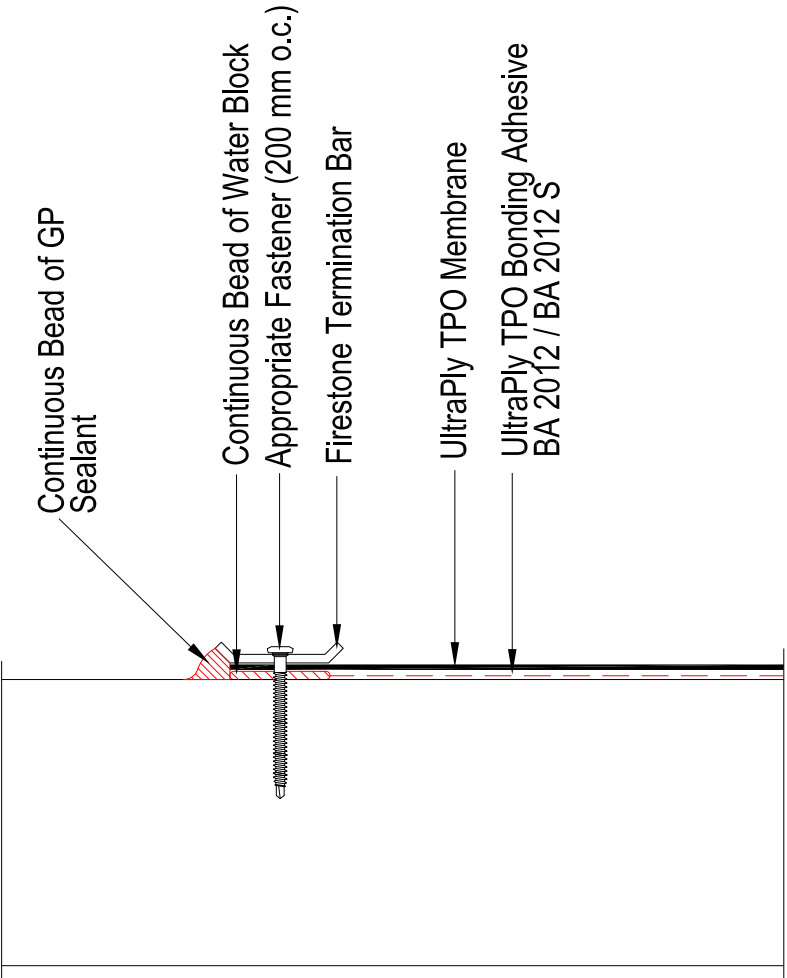
<p>UltraPly TPO Bonding Adhesive / BA 2012</p> <p>Water Dam Edge Profile</p> <p>Wood Nail</p> <p>Appropriate Fastener</p> <p>15 mm</p> <p>Appropriate Fastener (200 mm o.c.)</p> <p>Welded Seam</p> <p>UltraPly TPO Membrane</p> <p>Insulation</p> <p>Roof Deck</p>	<table><tr><td data-bbox="1248 259 1319 620" rowspan="2"><b>Firestone</b> Firestone Building Products</td><td colspan="2" data-bbox="1248 620 1319 934"><b>UltraPly TPO</b> Alternative Roof Edge with Edge Profile</td><td data-bbox="1248 934 1319 1975" rowspan="2"><b>Systems</b> All</td></tr><tr><td colspan="2" data-bbox="1319 620 1399 934"><b>No.: T - RE - 5</b> 05/2018</td></tr></table>	<b>Firestone</b> Firestone Building Products	<b>UltraPly TPO</b> Alternative Roof Edge with Edge Profile		<b>Systems</b> All	<b>No.: T - RE - 5</b> 05/2018	
<b>Firestone</b> Firestone Building Products	<b>UltraPly TPO</b> Alternative Roof Edge with Edge Profile		<b>Systems</b> All				
	<b>No.: T - RE - 5</b> 05/2018						

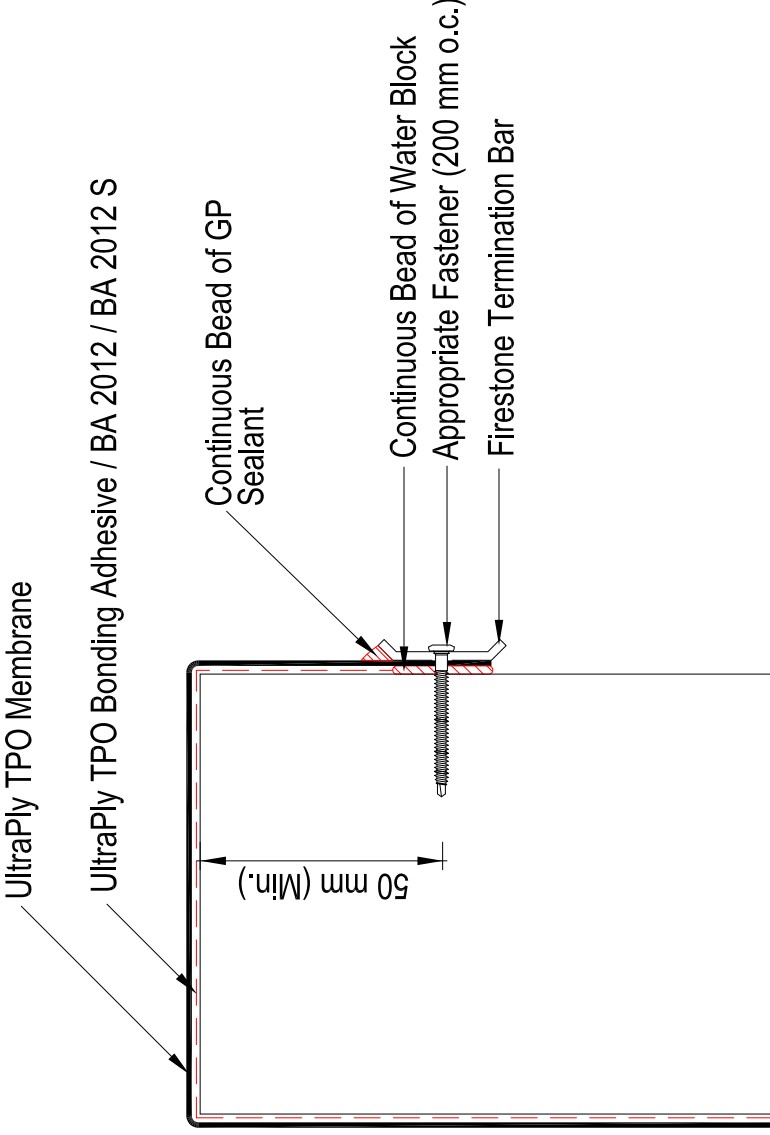
<p>Appropriate Fastener (200 mm o.c.)</p> <p>UltraPly TPO QuickPrime</p> <p>TPO QuickSeam Flashing</p> <p>Continuous Bead of UltraPly TPO GP Sealant</p> <p>UltraPly TPO Membrane</p> <p>Insulation</p> <p>Roof Deck</p> <p>Appropriate Fastener</p> <p>Standard Metal Profile</p>		<b>UltraPly TPO</b> Roof Edge using TPO QuickSeam Flashing		<b>No.:</b> T - RE - 6		<b>Systems</b> All
				05/2018		

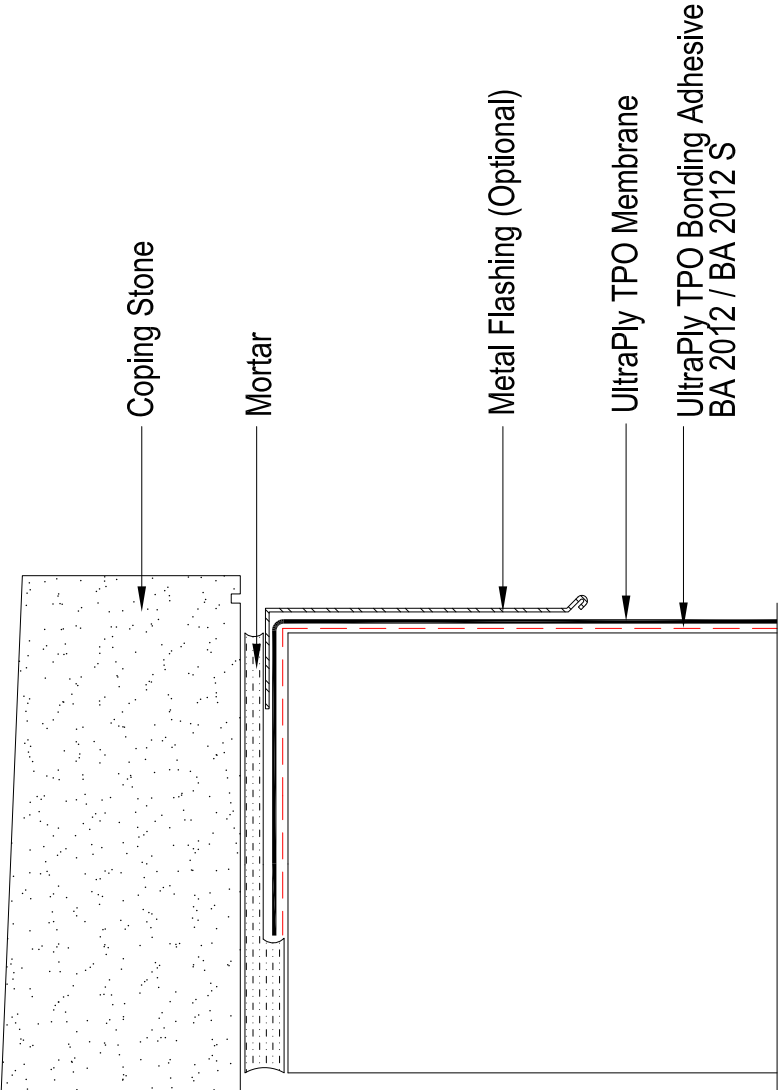

## 5.8 Wall terminations

T-T-1	Termination bar
T-T-2	Termination bar at outside parapet wall
T-T-3	Coping stone
T-T-4	Metal coping
T-T-5	Counterflashing
T-T-6	Termination bar – elevation change
T-T-7	Termination bar at joint in precast concrete panel
T-T-8	Termination bar at wall expansion joint
T-T-9	Monotrim profile
T-T10	Intermediate attachment at wall flashing



 <p>Continuous Bead of GP Sealant</p> <p>Continuous Bead of Water Block Appropriate Fastener (200 mm o.c.)</p> <p>Firestone Termination Bar</p> <p>UltraPly TPO Membrane</p> <p>UltraPly TPO Bonding Adhesive BA 2012 / BA 2012 S</p>	<div data-bbox="1268 1505 1374 1877" data-label="Text"> <p><b>Firestone</b> Firestone Building Products</p> </div> <div data-bbox="1257 1052 1362 1288" data-label="Text"> <p><b>UltraPly TPO</b> Termination Bar</p> </div> <div data-bbox="1257 698 1295 913" data-label="Text"> <p><b>No.:</b> T - T - 1</p> </div> <div data-bbox="1343 716 1385 833" data-label="Text"> <p>05/2018</p> </div> <div data-bbox="1257 376 1295 517" data-label="Text"> <p><b>Systems</b></p> </div> <div data-bbox="1327 416 1362 456" data-label="Text"> <p>All</p> </div>		
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	<b>Firestone</b> Firestone Building Products	<b>UltraPly TPO</b> Termination Bar at outside parapet wall	<b>Systems</b> All
<b>No.:</b> T - T - 2 05/2018			

	<div> <div>  <div> Firestone Building Products </div> </div> <div> <div> UltraPly TPO Coping Stone </div> <div> <div>No.: T - T - 3</div> <div>05/2018</div> </div> <div> Systems All </div> </div> </div>		
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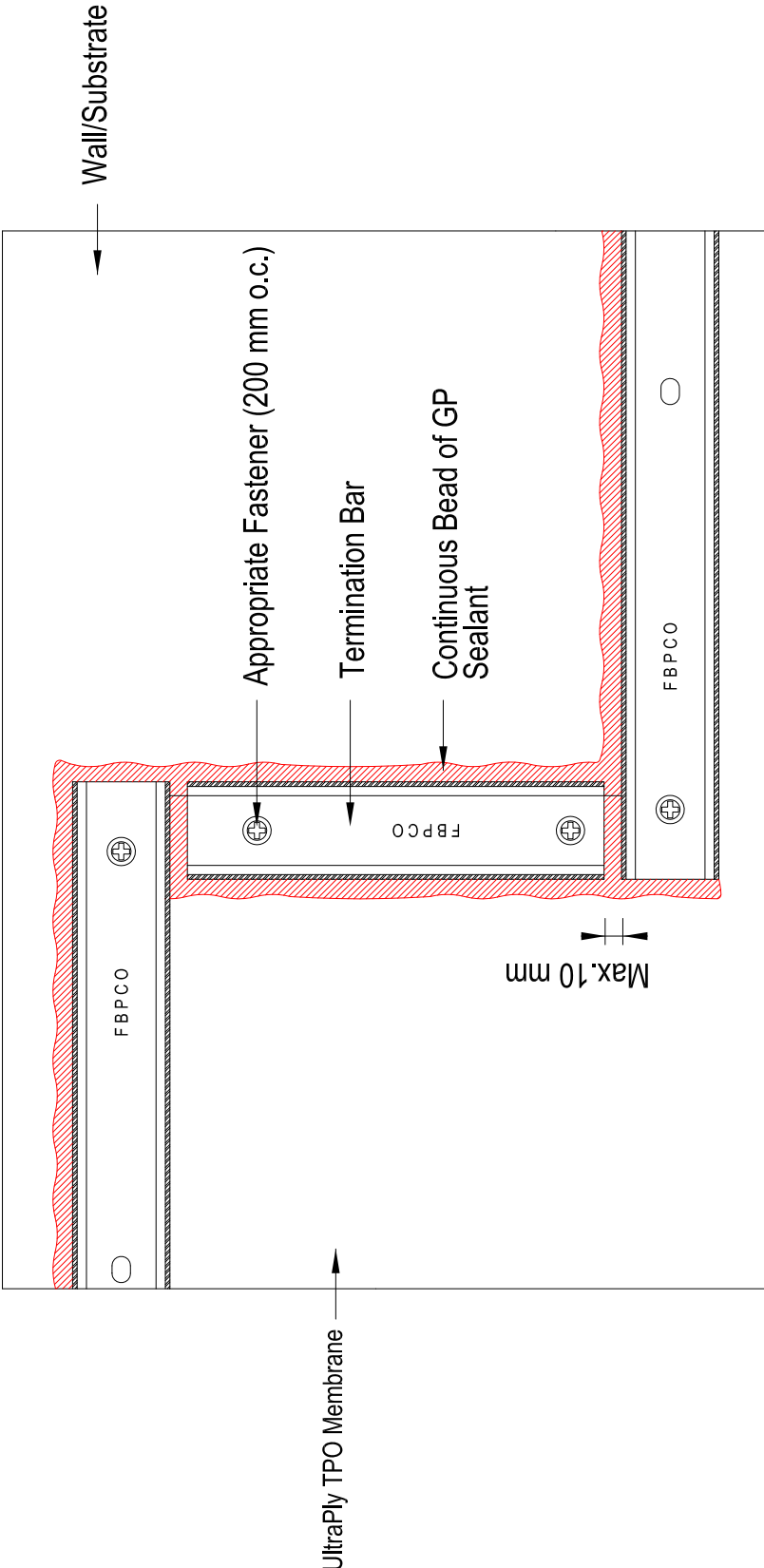


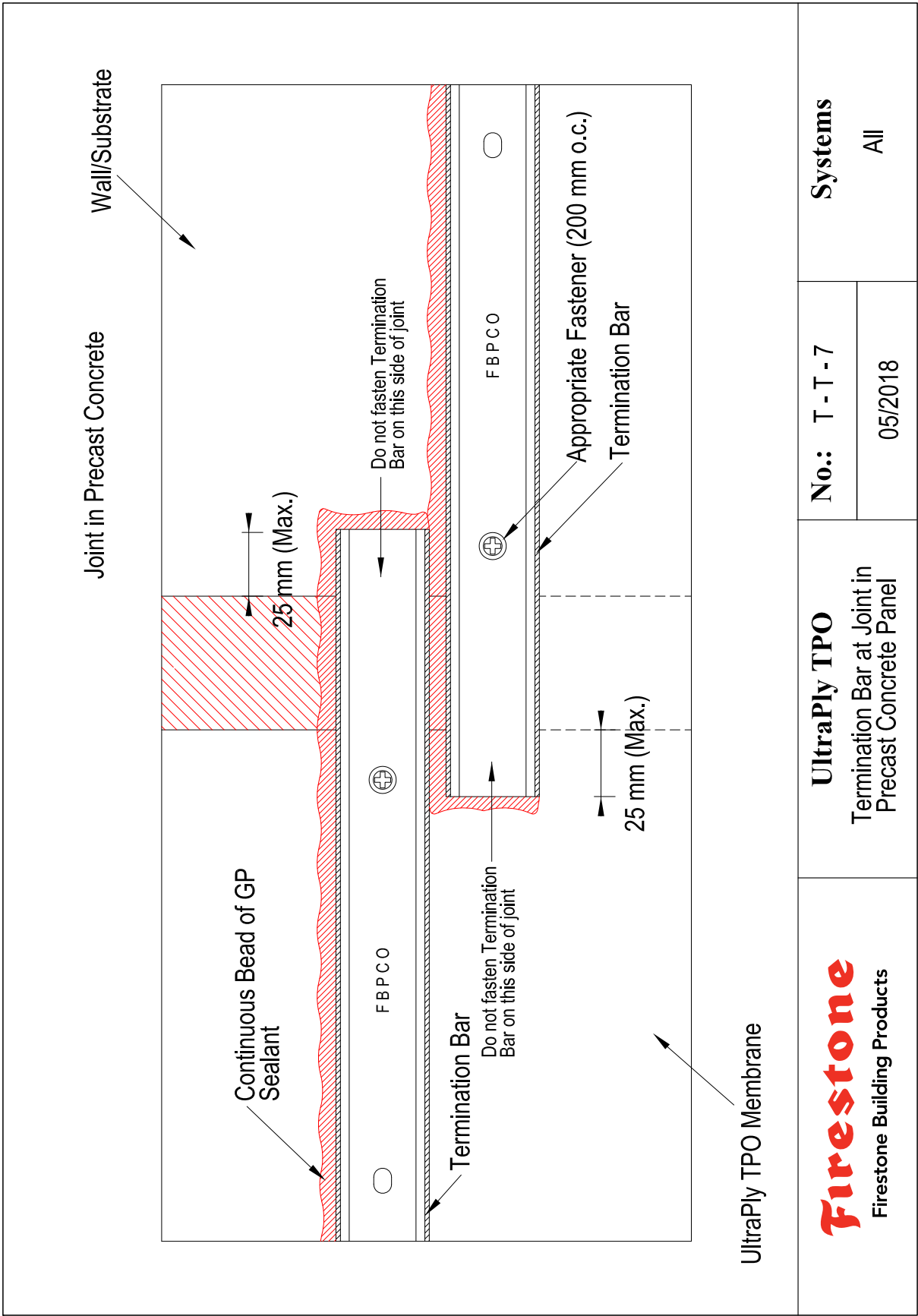


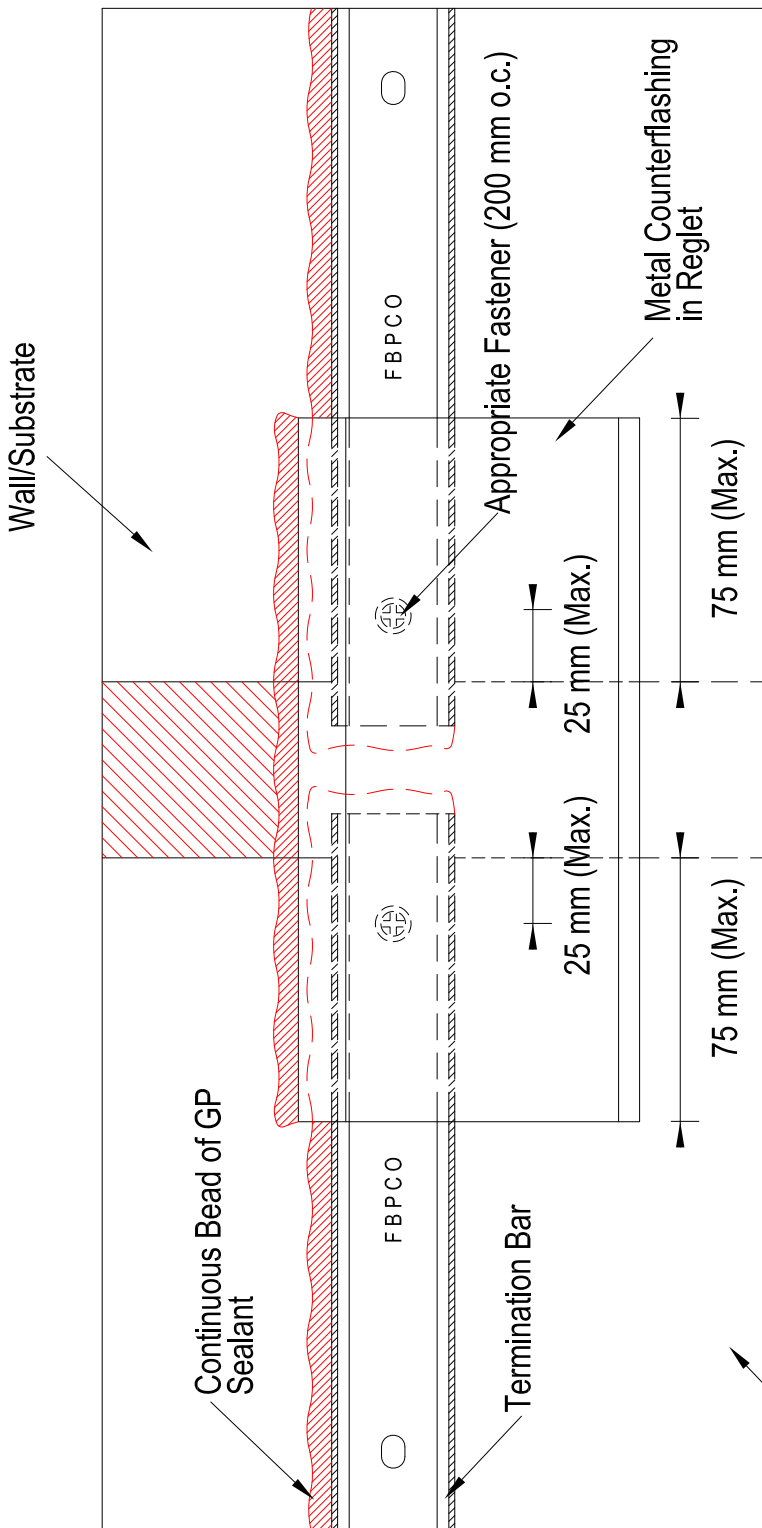
<div data-bbox="304 412 1098 1487"> <p>Continuous Bead of High Grade Sealant</p> <p>Continuous Bead of GP Sealant</p> <p>Metal Batten Bar fastened 300 mm o.c. (Max.)</p> <p>Metal Counterflashing</p> <p>UltraPly TPO Membrane</p> <p>UltraPly TPO Bonding Adhesive BA 2012 / BA 2012 S</p> <p>Refer to local standards</p> </div>	<div data-bbox="1270 1509 1369 1877"> <p><b>Firestone</b> Firestone Building Products</p> </div> <div data-bbox="1257 1057 1362 1285"> <p><b>UltraPly TPO</b> Counterflashing</p> </div> <div data-bbox="1257 703 1382 913"> <p>No.: T - T - 5</p> <p>05/2018</p> </div> <div data-bbox="1257 380 1362 515"> <p><b>Systems</b></p> <p>All</p> </div>
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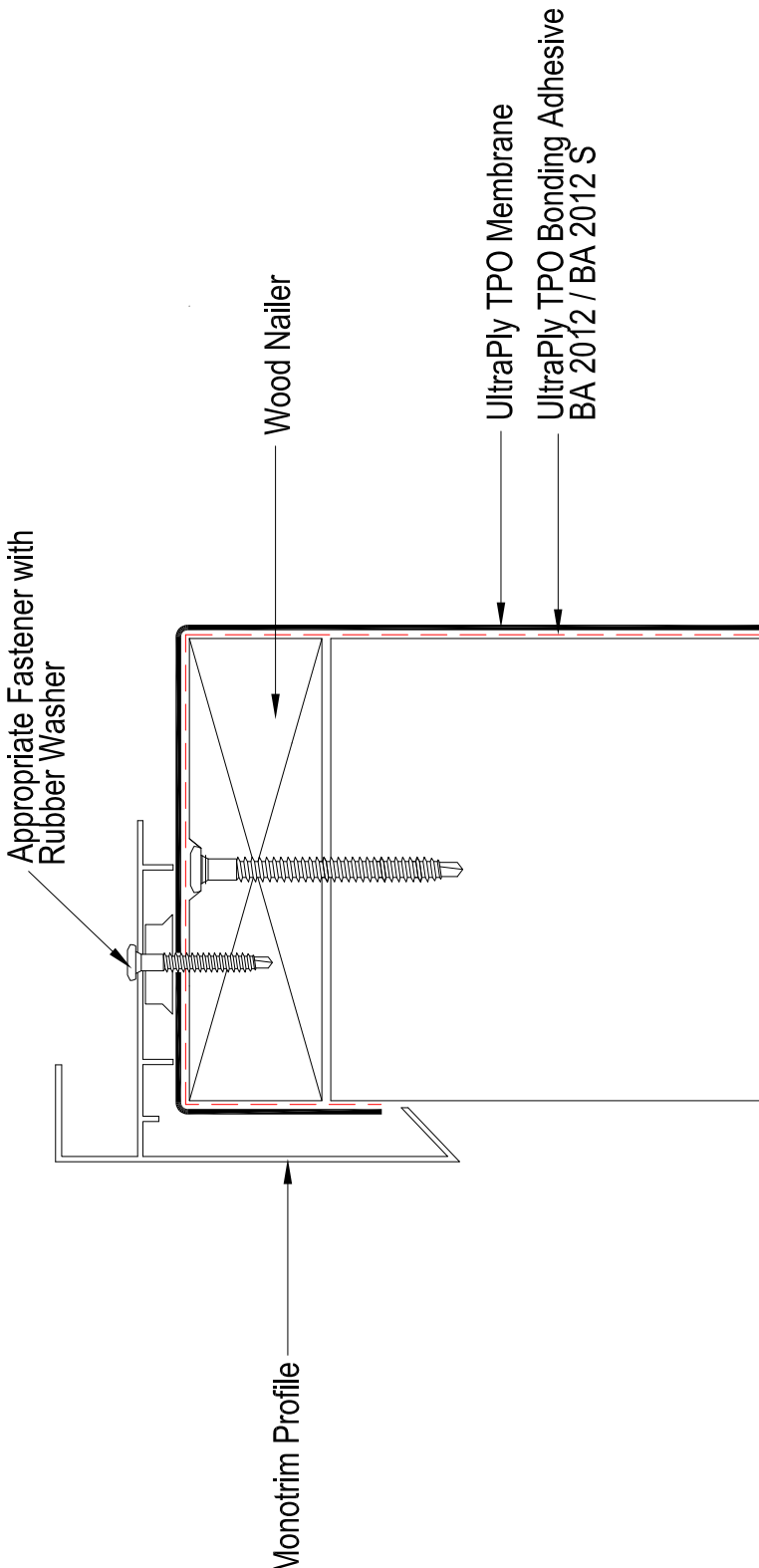





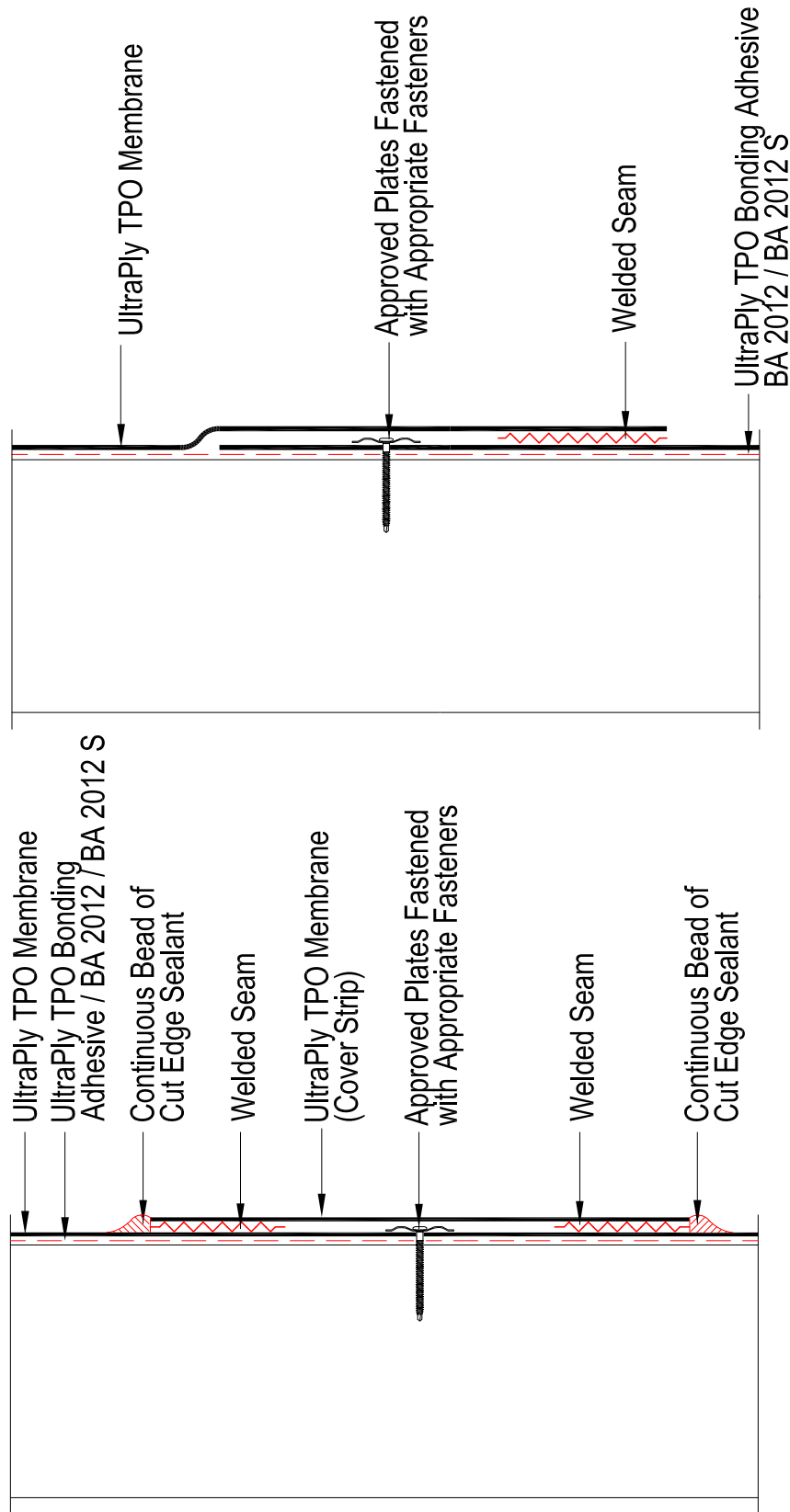
		<b>UltraPly TPO</b> Termination Bar Elevation change		<b>No.:</b> T - T - 6 05/2018	<b>Systems</b> All
<b>Firestone</b> Firestone Building Products					



<div data-bbox="285 356 1051 1879"><p>Wall/Substrate</p><p>Continuous Bead of GP Sealant</p><p>FBPCO</p><p>Termination Bar</p><p>Appropriate Fastener (200 mm o.c.)</p><p>Metal Counterflashing in Reglet</p><p>25 mm (Max.)</p><p>25 mm (Max.)</p><p>75 mm (Max.)</p><p>75 mm (Max.)</p><p>UltraPly TPO Membrane</p></div>	<table><tr><td data-bbox="1240 250 1319 620" rowspan="2"><b>Firestone</b> Firestone Building Products</td><td colspan="2" data-bbox="1240 620 1319 934"><b>UltraPly TPO</b> Termination Bar at Wall Expansion Joint</td><td data-bbox="1240 934 1319 1977" rowspan="2"><b>Systems</b> All</td></tr><tr><td data-bbox="1319 620 1399 934">No.: T - T - 8 05/2018</td><td data-bbox="1319 934 1399 1977"></td></tr></table>	<b>Firestone</b> Firestone Building Products	<b>UltraPly TPO</b> Termination Bar at Wall Expansion Joint		<b>Systems</b> All	No.: T - T - 8 05/2018	
<b>Firestone</b> Firestone Building Products	<b>UltraPly TPO</b> Termination Bar at Wall Expansion Joint		<b>Systems</b> All				
	No.: T - T - 8 05/2018						

 <p>Monotrim Profile</p> <p>Appropriate Fastener with Rubber Washer</p> <p>Wood Nailer</p> <p>UltraPly TPO Membrane</p> <p>UltraPly TPO Bonding Adhesive BA 2012 / BA 2012 S</p>	<div> <div>  <div> Firestone Building Products </div> </div> <div> <div> UltraPly TPO Monotrim Profile </div> <div> <div>No.: T - T - 9</div> <div>05/2018</div> </div> <div> Systems All </div> </div> </div>		
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<b>Firestone</b> Firestone Building Products	<b>UltraPly TPO</b> Intermediate Attachment at Wall Flashing	No.: T - T - 10	<b>Systems</b>  All
		05/2018	

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