



**EQUUS SOPREMA  
FLAGON TPO-THERM  
WARM ROOF SYSTEM**  
Standard Details on Metal Substrate



CELEBRATING  
**40** YEARS  
1982-2022

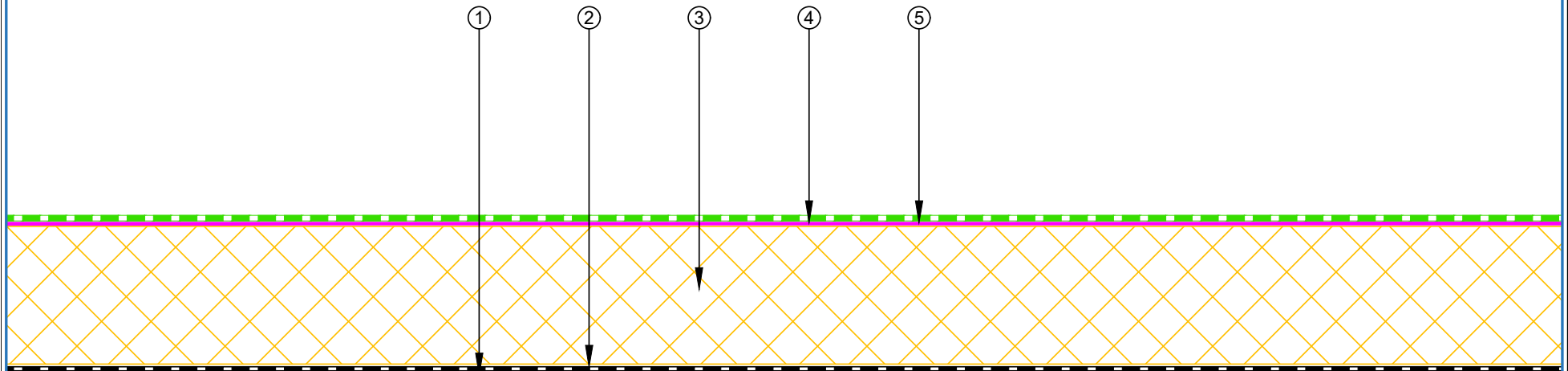




MAY 2023

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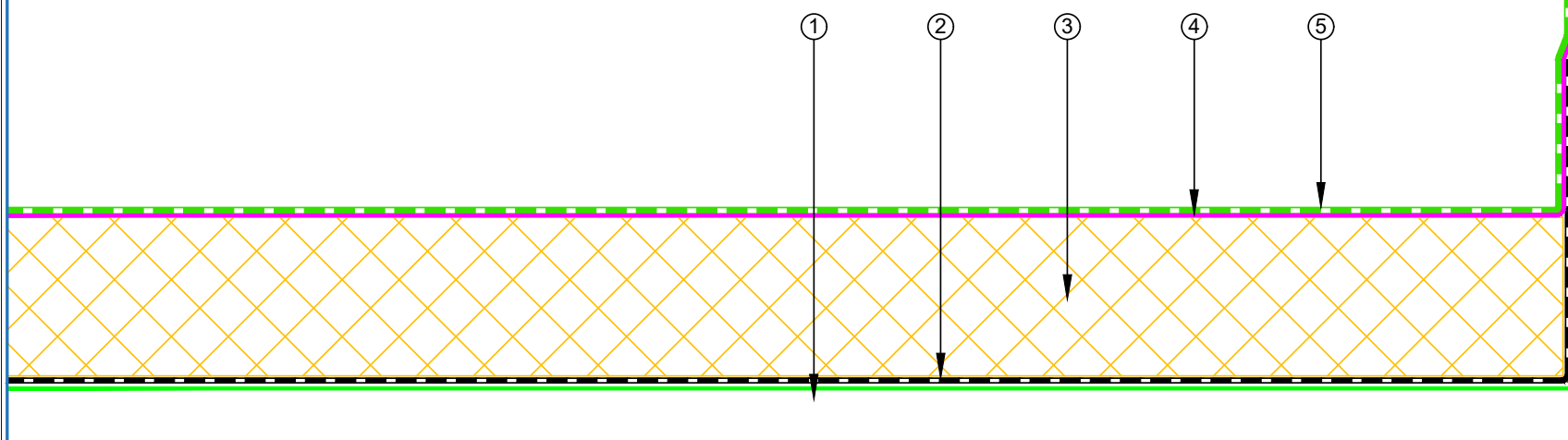
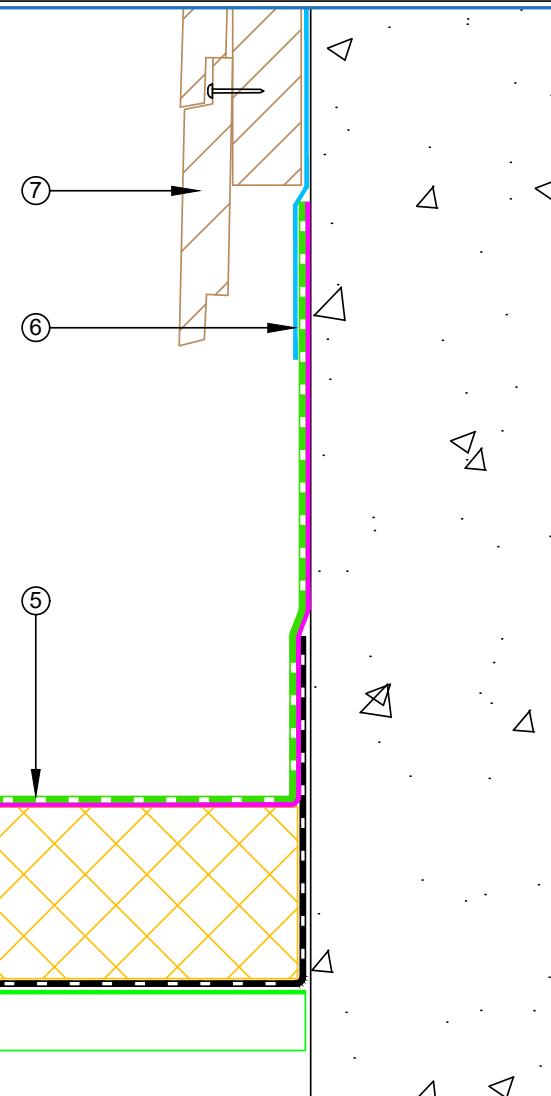
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- ① Metal Deck
- ② EQUUS Colphene 3000 Vapour Barrier
- ③ EQUUS PIR thermal insulation
- ④ EQUUS Approved adhesive for TPO single ply waterproofing membrane
- ⑤ EQUUS FLAGON TPO single ply waterproofing membrane



 E-mail : <a href="mailto:admin@equus.co.nz">admin@equus.co.nz</a> Web : <a href="http://www.equus.co.nz">www.equus.co.nz</a>	PROJECT :	Single ply warm roof system on metal Standard Detail - TPO		
	TITLE :	Roof Built Up Detail		
	NUMBER :	STWRM-D0a	SCALE :	1:2
	DRAWN BY :	NKT	DATE :	08-Feb-2023
			REVISED :	
<p><small>Equus Waterproof Membrane Details are specially drawn for use by Local Authorities, Building Contractors, Equus Applicators, Architects and design professionals. All details are drawn to assist in the development of project specific details. Details may be modified where necessary to accommodate job specific requirements but must be approved by Equus Industries Ltd. All components must be supplied by Equus Industries Ltd. Equus reserves the right to alter or upgrade details at any time without prior notice.</small></p>				
				

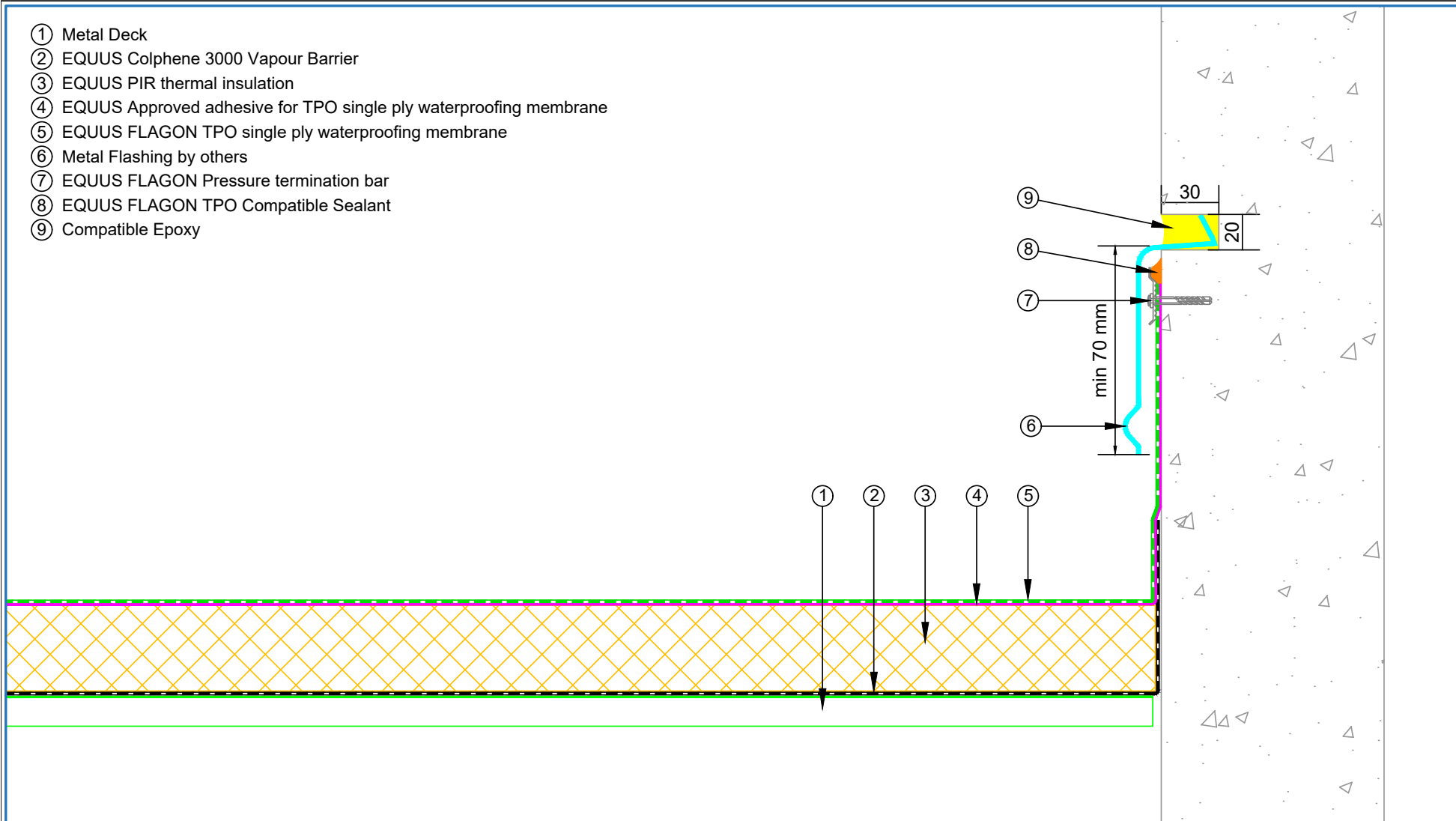
- ① Metal Deck
- ② EQUUS Colphene 3000 Vapour Barrier
- ③ EQUUS PIR thermal insulation
- ④ EQUUS Approved adhesive for TPO single ply waterproofing membrane
- ⑤ EQUUS FLAGON TPO single ply waterproofing membrane
- ⑥ Cladding underlay by others
- ⑦ Cladding by others



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	TITLE :		Upstand with Cladding detail	
	NUMBER :	STWRM-D1a	SCALE :	1:2
	DRAWN BY :	NKT	DATE :	08-Feb-2023
			REVISED :	
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		<p>AUTHORISED DISTRIBUTOR <b>SOPREMA</b></p>		



- ① Metal Deck
- ② EQUUS Colphene 3000 Vapour Barrier
- ③ EQUUS PIR thermal insulation
- ④ EQUUS Approved adhesive for TPO single ply waterproofing membrane
- ⑤ EQUUS FLAGON TPO single ply waterproofing membrane
- ⑥ Metal Flashing by others
- ⑦ EQUUS FLAGON Pressure termination bar
- ⑧ EQUUS FLAGON TPO Compatible Sealant
- ⑨ Compatible Epoxy

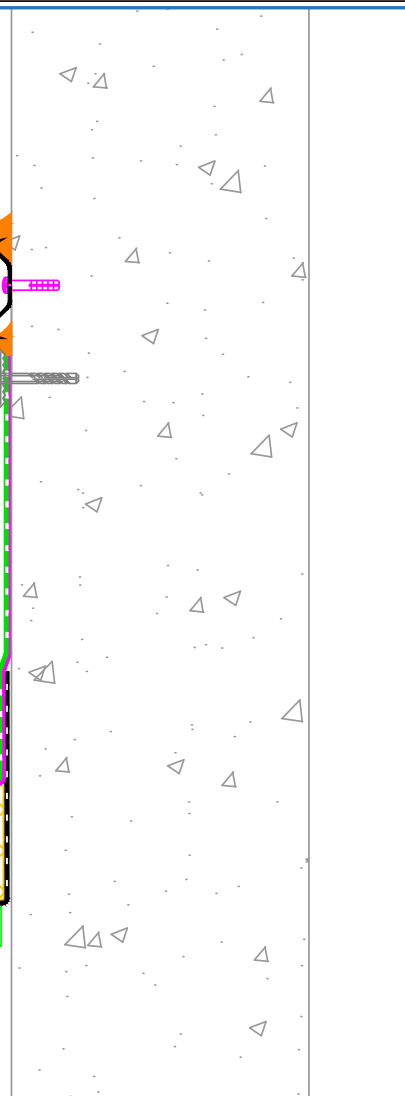
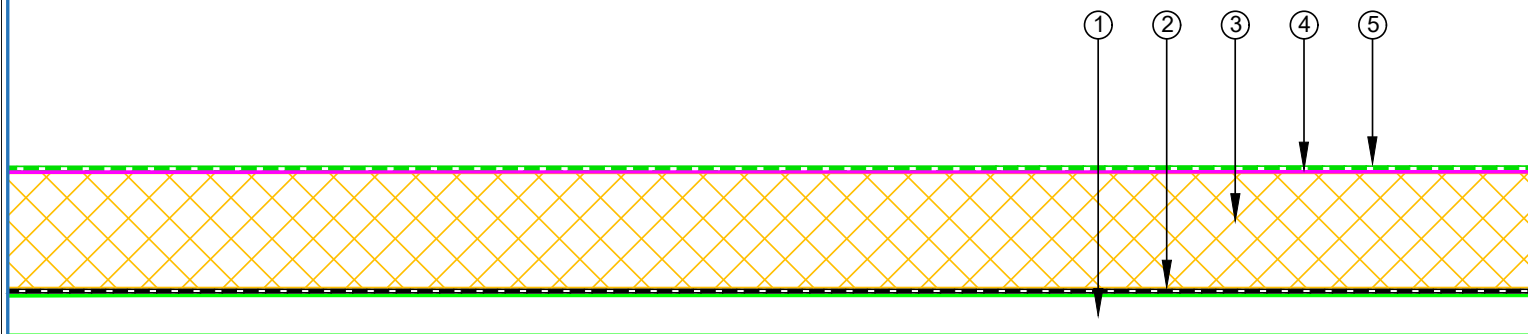
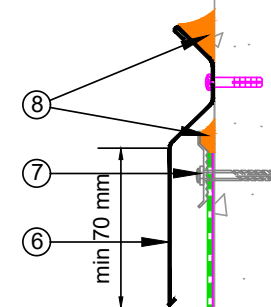


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PROJECT :	Single ply warm roof system on metal standard Detail - TPO			
TITLE :	Upstand with termination onto a chase			
NUMBER :	STWRM-D3a	SCALE :	NTS	
DRAWN BY :	NKT	DATE :	08-Feb-2023	REVISED :
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- ① Metal Deck
- ② EQUUS Colphene 3000 Vapour Barrier
- ③ EQUUS PIR thermal insulation
- ④ EQUUS Approved adhesive for TPO single ply waterproofing membrane
- ⑤ EQUUS FLAGON TPO single ply waterproofing membrane
- ⑥ Metal Flashing by others
- ⑦ EQUUS FLAGON Pressure termination bar
- ⑧ EQUUS FLAGON TPO Compatible Sealant



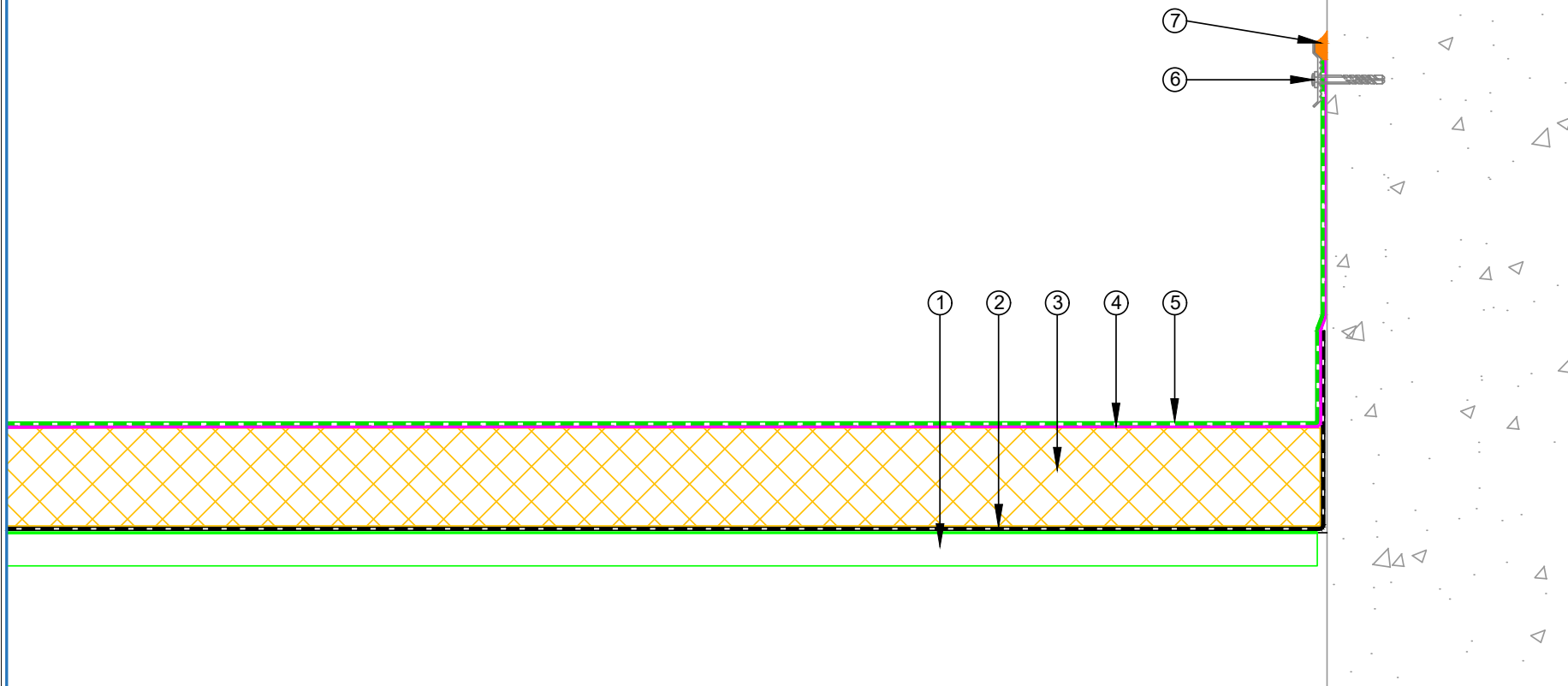
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PROJECT :	Single ply warm roof system on metal standard detail - TPO		
TITLE :	Upstand termination with flashing and pressure bar		
NUMBER :	STWRM-D3b	SCALE :	NTS
DRAWN BY :	NKT	DATE :	10-Feb-2023
REVISED :			

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- ① Metal Deck
- ② EQUUS Sopradere Quick or Aquadere bitumen primer
- ③ EQUUS Colphene 3000 Vapour Barrier
- ④ EQUUS PIR thermal insulation
- ⑤ EQUUS Approved adhesive for TPO single ply waterproofing membrane
- ⑥ EQUUS FLAGON TPO single ply waterproofing membrane
- ⑦ EQUUS FLAGON Pressure termination bar
- ⑧ EQUUS FLAGON TPO Compatible Sealant



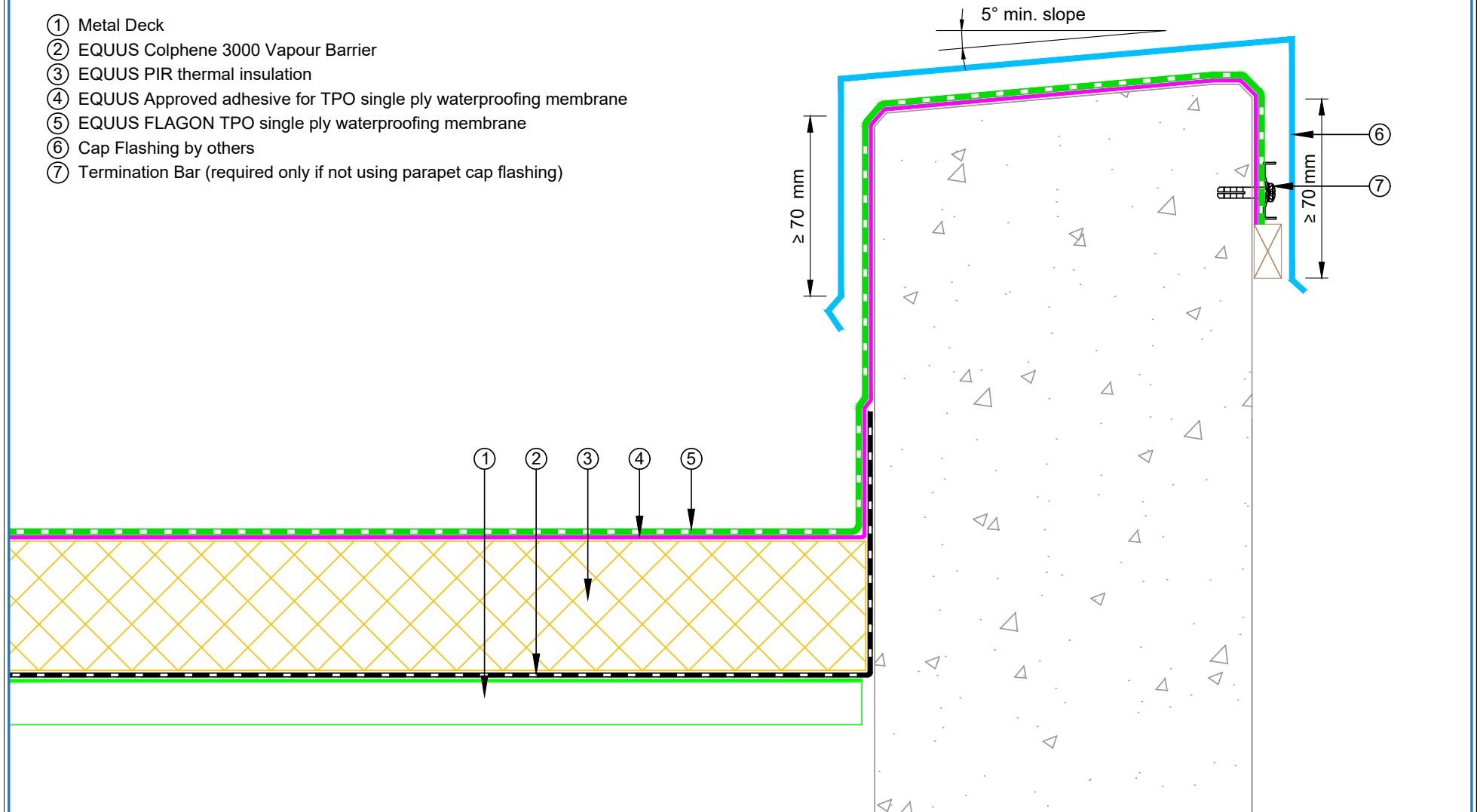
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Web : [www.equus.co.nz](http://www.equus.co.nz)

PROJECT :	Single ply warm roof system on metal standard detail - TPO		
TITLE :	Upstand with pressure termination bar detail		
NUMBER :	STWRM-D3c	SCALE :	NTS
DRAWN BY :	NKT	DATE :	10-Feb-2023
		REVISED :	

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- ① Metal Deck
- ② EQUUS Colphene 3000 Vapour Barrier
- ③ EQUUS PIR thermal insulation
- ④ EQUUS Approved adhesive for TPO single ply waterproofing membrane
- ⑤ EQUUS FLAGON TPO single ply waterproofing membrane
- ⑥ Cap Flashing by others
- ⑦ Termination Bar (required only if not using parapet cap flashing)

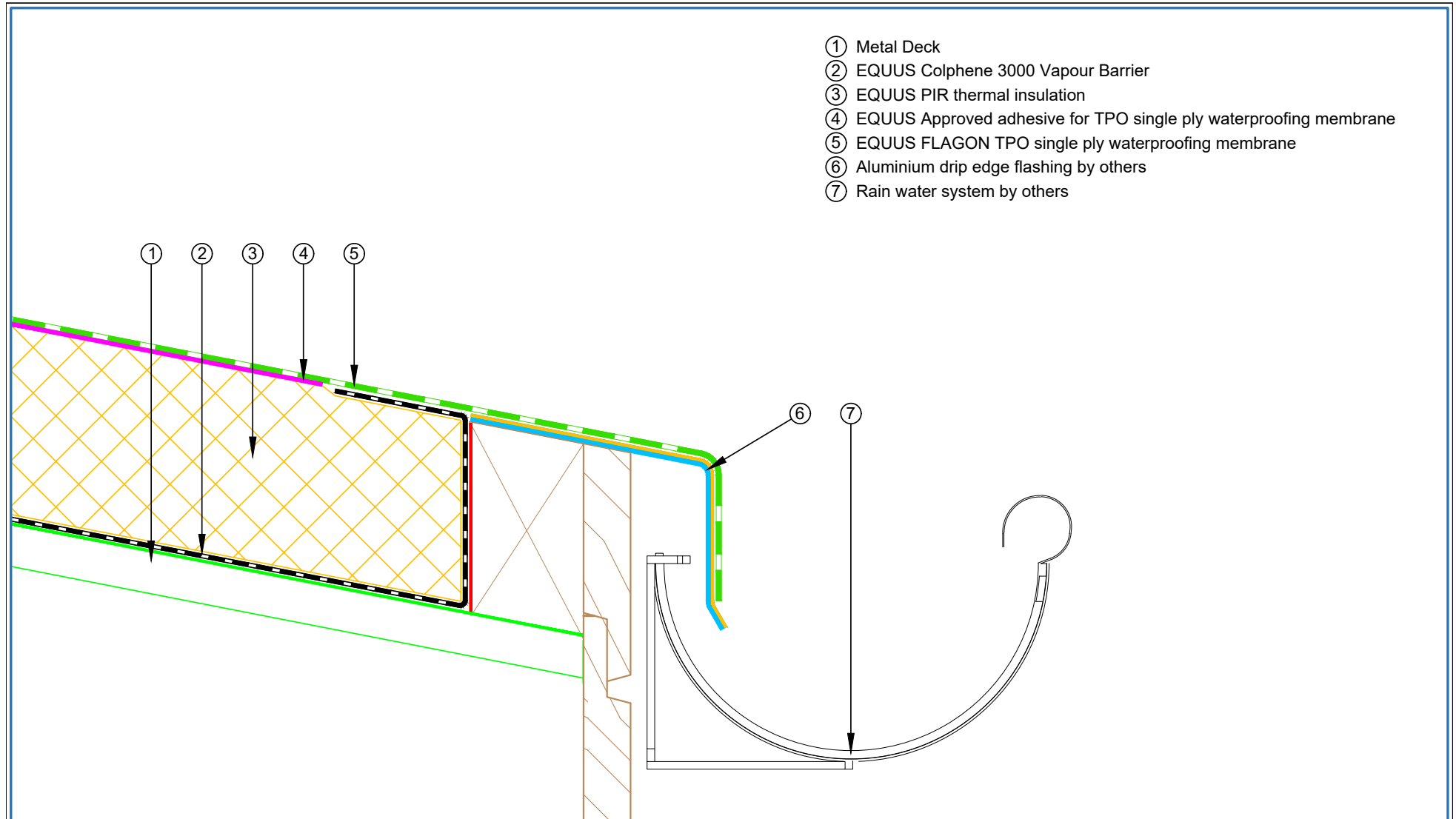


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PROJECT :	Single ply warm roof system on metal standard Detail - TPO		
TITLE :	Parapet with cap flashing		
NUMBER :	STWRM-D4a	SCALE :	1:2
DRAWN BY :	NKT	DATE :	10-Feb-2023
REVISED :			
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- ③ EQUUS PIR thermal insulation
- ④ EQUUS Approved adhesive for TPO single ply waterproofing membrane
- ⑤ EQUUS FLAGON TPO single ply waterproofing membrane
- ⑥ Aluminium drip edge flashing by others
- ⑦ Rain water system by others

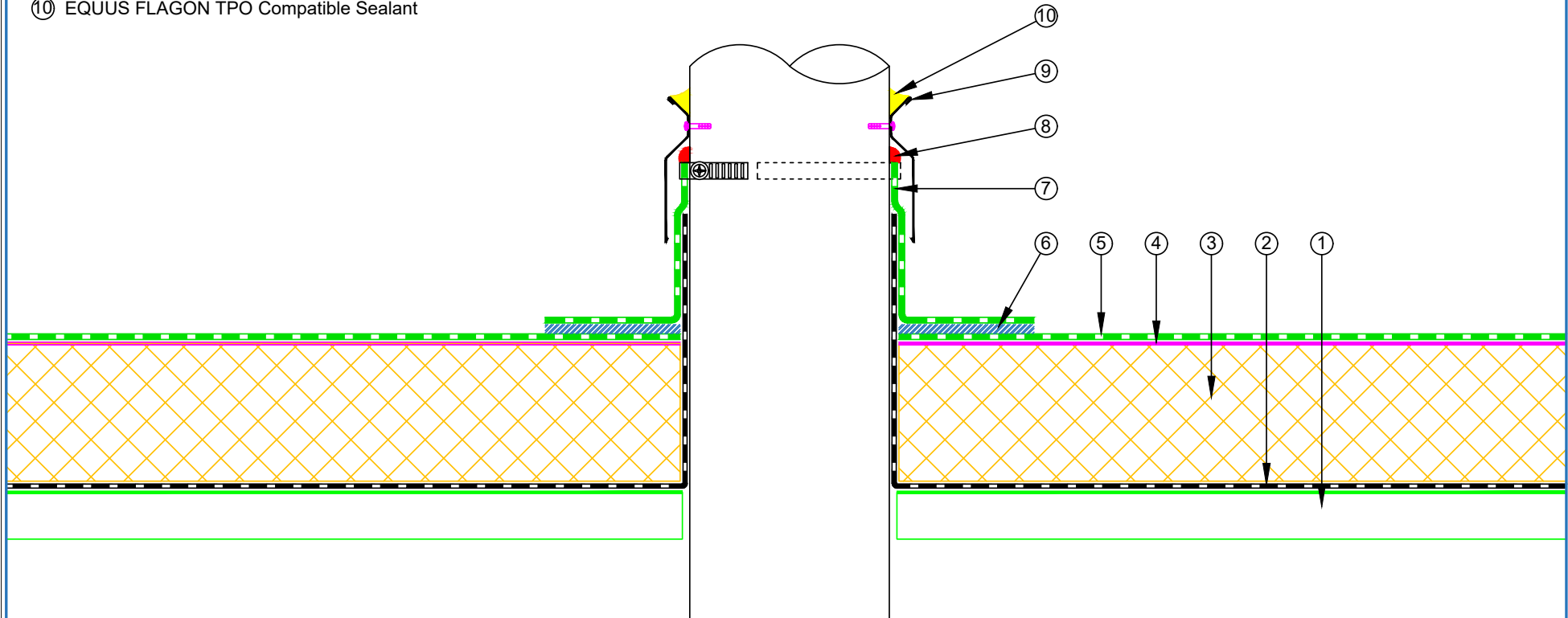


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PROJECT :	Single ply warm roof system on metal standard Detail - TPO		
TITLE :	Drip edge to spouting		
NUMBER :	STWRM-D5a	SCALE :	NTS
DRAWN BY :	NKT	DATE :	10-Feb-2023
		REVISED :	
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- ③ EQUUS PIR thermal insulation
- ④ EQUUS Approved adhesive for TPO single ply waterproofing membrane
- ⑤ EQUUS FLAGON TPO single ply waterproofing membrane
- ⑥ 40 mm welded lap
- ⑦ EQUUS FLAGON TPO as separate piece
- ⑧ EQUUS FLAGON Mastic
- ⑨ Stainless steel clamp
- ⑩ EQUUS FLAGON TPO Compatible Sealant



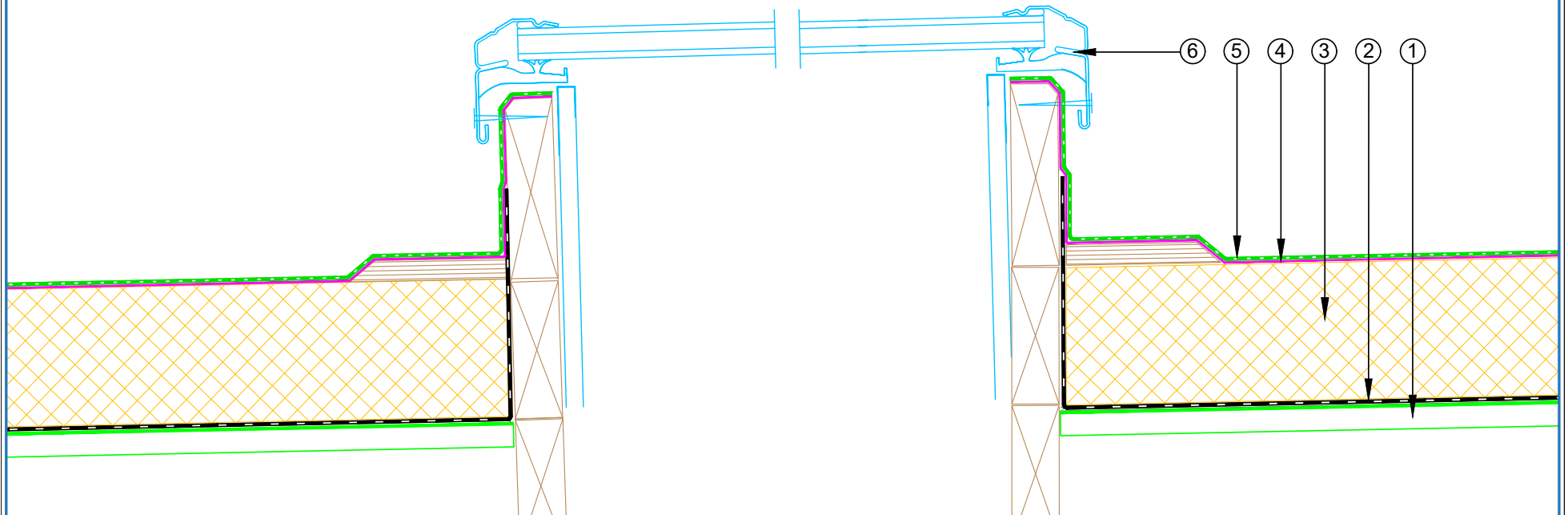
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PROJECT :	Single ply warm roof system on metal standard Detail - TPO		
TITLE :	Roof Penetration		
NUMBER :	STWRM-D7a	SCALE :	NTS
DRAWN BY :	NKT	DATE :	10-Feb-2023
REVISED :			

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- ⑤ EQUUS FLAGON TPO single ply waterproofing membrane
- ⑥ Skylight Joinery

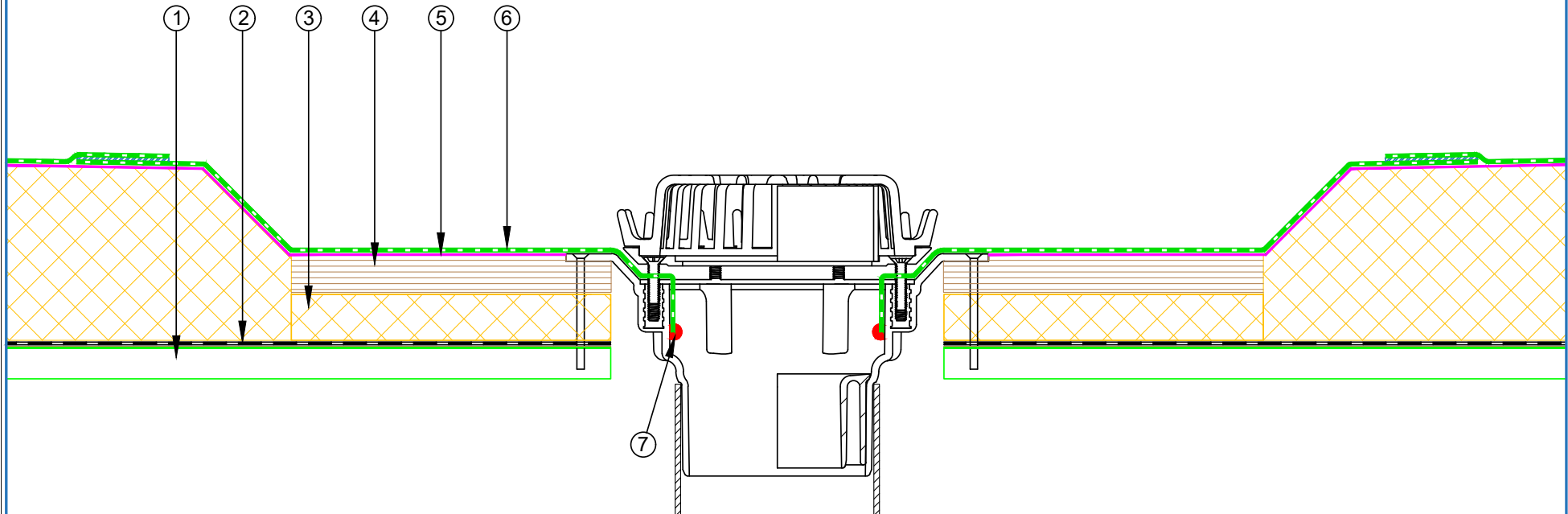


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PROJECT :	Single ply warm roof system on metal standard Detail - TPO		
TITLE :	Skylight Detail		
NUMBER :	STWRM-D8a	SCALE :	1 : 4
DRAWN BY :	NKT	DATE :	10-Feb-2023
REVISED :			
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- ① Metal Deck
- ② EQUUS Colphene 3000 Vapour Barrier
- ③ EQUUS PIR thermal insulation
- ④ Plywood
- ⑤ EQUUS Approved adhesive for TPO single ply waterproofing membrane
- ⑥ EQUUS FLAGON TPO single ply waterproofing membrane
- ⑦ EQUUS FLAGON Mastic

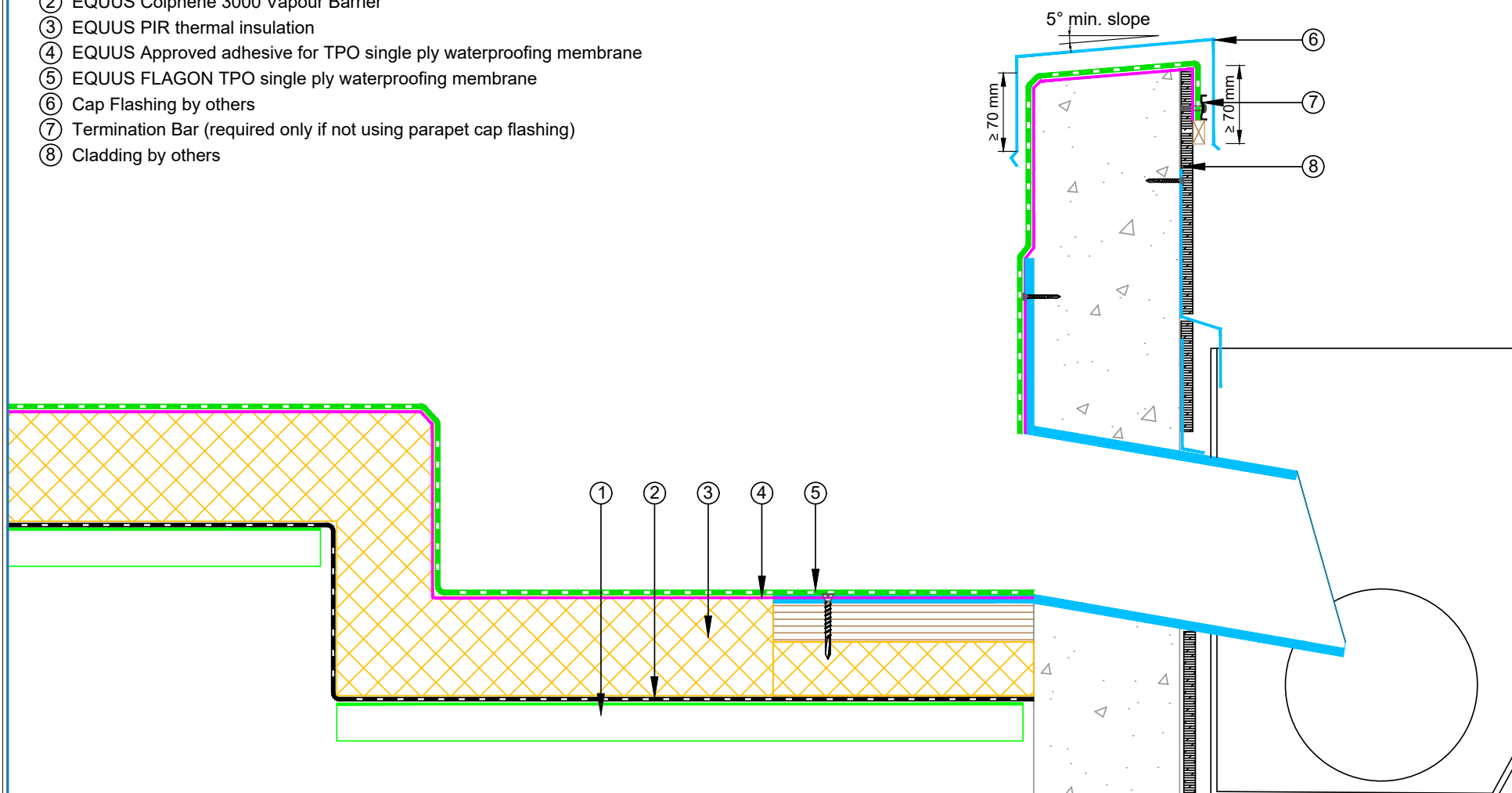


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PROJECT :	Single ply warm roof system on metal standard Detail - TPO		
TITLE :	Gutter Outlet Detail		
NUMBER :	STWRM-D9a	SCALE :	1 : 3
DRAWN BY :	NKT	DATE :	10-Feb-2023
REVISD :			
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- ④ EQUUS Approved adhesive for TPO single ply waterproofing membrane
- ⑤ EQUUS FLAGON TPO single ply waterproofing membrane
- ⑥ Cap Flashing by others
- ⑦ Termination Bar (required only if not using parapet cap flashing)
- ⑧ Cladding by others



PROJECT :	Single ply warm roof system on metal standard Detail - TPO		
TITLE :	Scupper termination Detail		
NUMBER :	STWRM-D10a	SCALE :	NTS
DRAWN BY :	NKT	DATE :	10-Feb-2023
REVISED :			

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