




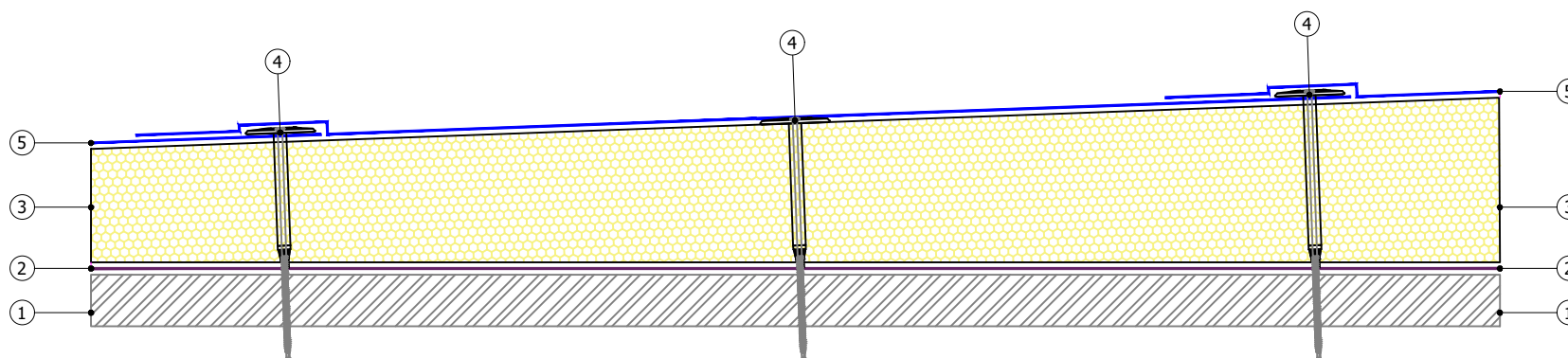
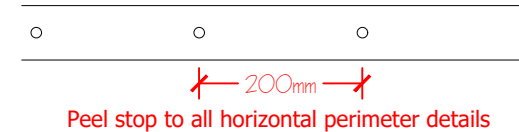


- ①  Substrate
- ②  **1000 Gauge Polythene AVCL** (loose laid)
- ③  **Proteus Pro-Therm Insulation** (foil faced)
- ④  **Proteus Fixing and Fastener** (based on bespoke project wind uplift design)
- ⑤  **Proteus Pro-Felt® Endura AIRdhesive**

#### Lap Dimensions

Side Laps	≥ 120mm
End Laps	≥ 150mm
Upstand Laps	≥ 150mm

All laps to be heat welded



#### Proteus Waterproofing Ltd.

21a Sirdar Road,  
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E: [office@proteuswaterproofing.co.uk](mailto:office@proteuswaterproofing.co.uk)

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Drawing No.:		Roof Type:
<b>SD_PFAIR_BUR_FULLFIX_01</b>		<b>BUR</b>
Description:		
<b>Horizontal Surface</b>		
Scale:	Drawn:	Date:
<b>NTS</b>	<b>W.Harding</b>	<b>15/04/2025</b>

**Proteus Pro-Felt® AIRdhesive**

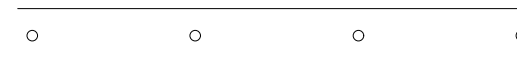


- ①  Substrate
- ②  **1000 Gauge Polythene AVCL** (loose laid)
- ③  **Proteus Pro-Therm Insulation** (foil faced)
- ④  **Proteus Pro-Felt® Endura SA Underlay** and **Pro-Prime® SA**
- ⑤  **Proteus Pro-Felt® Endura SA Capsheet** and **Pro-Prime® SA**
- ⑥  **Proteus Fixing and Fastener** (based on bespoke project wind uplift design)
- ⑦  **Proteus Pro-Felt® Endura AIRdhesive**

#### Lap Dimensions

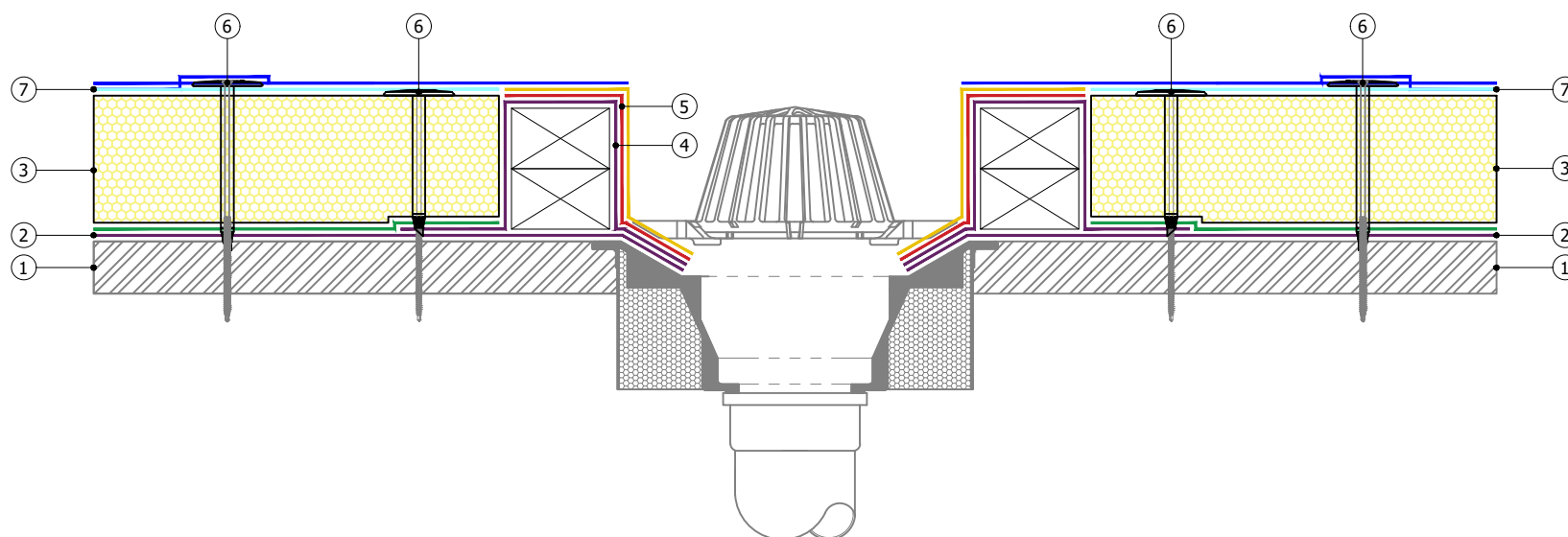
Side Laps	≥ 120mm
End Laps	≥ 150mm
Upstand Laps	≥ 150mm

All laps to be heat welded



← 200mm →

Peel stop to all horizontal perimeter details



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Drawing No.:

**SD\_PFAIR\_BUR\_FULLFIX\_02**

Roof Type:

**BUR**

Description:

**Rooflight / Access Hatch**

Scale:

**NTS**

Drawn:

**W.Harding**













Date:

**15/04/2025**

**Proteus Pro-Felt® AIRdhesive**



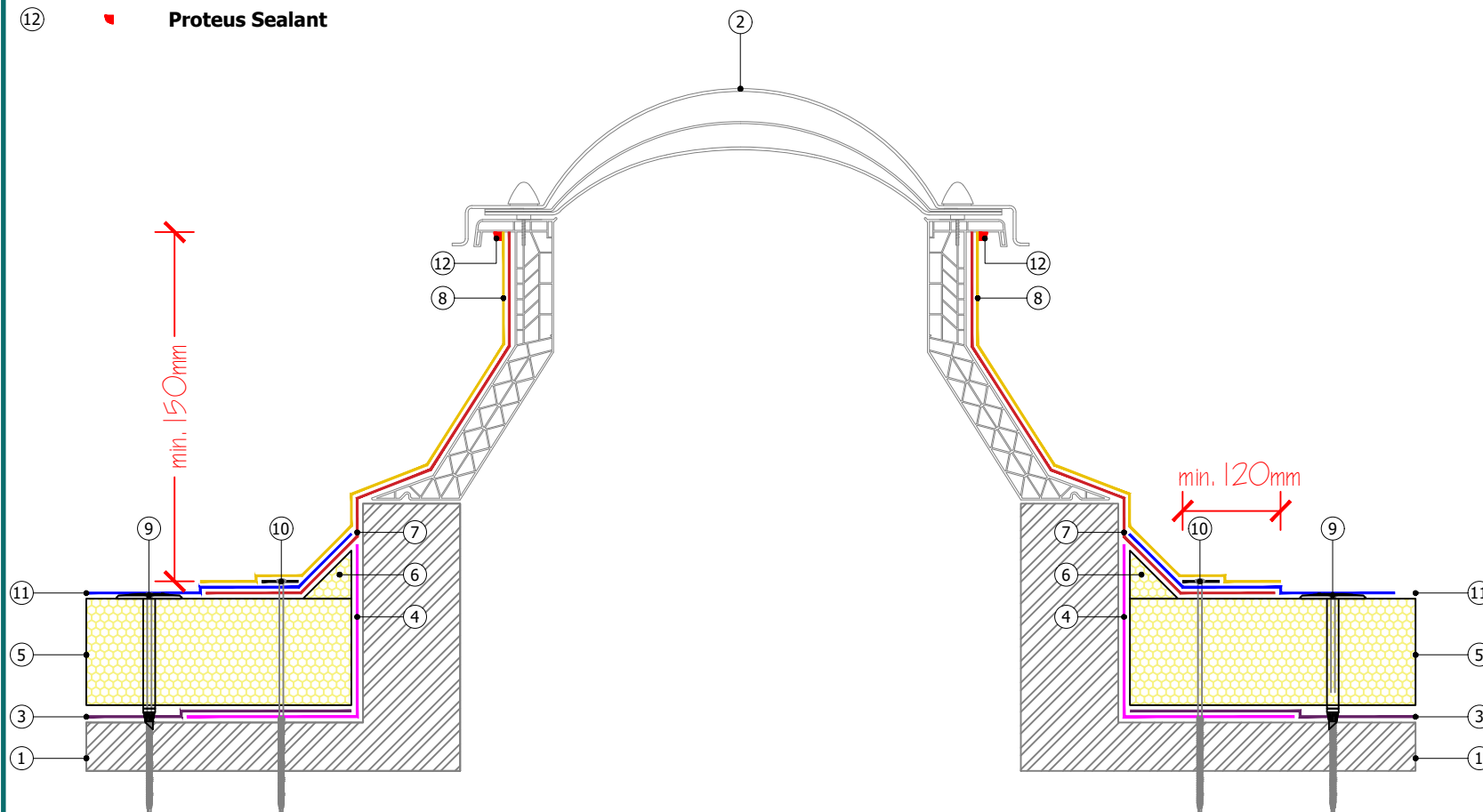
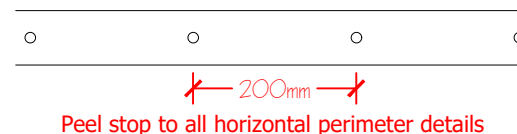
**Proteus**  
**WATERPROOFING**

- ①  Substrate
- ②  Rooflight / Roof Access Hatch (by others)
- ③  **1000 Gauge Polythene AVCL** (loose laid)
- ④  **Proteus Pro-Felt® SA Underlay and Pro-Prime® SA**
- ⑤  **Proteus Pro-Therm Insulation** (foil faced)
- ⑥  **Proteus Pro-Therm Non-Combustible Angle Fillet and Pro-Bond Foaming** (adhesive)
- ⑦  **Proteus Pro-Felt® Endura SA Underlay and Pro-Prime® SA**
- ⑧  **Proteus Pro-Felt® Endura SA Capsheet and Pro-Prime® SA**
- ⑨  **Proteus Fixing and Fastener** (based on bespoke project wind uplift design)
- ⑩  Peel Stop (by others)
- ⑪  **Proteus Pro-Felt® Endura AIRdhesive**
- ⑫  **Proteus Sealant**

#### Lap Dimensions

Side Laps	≥ 120mm
End Laps	≥ 150mm
Upstand Laps	≥ 150mm

All laps to be heat welded



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Drawing No.:

**SD\_PFAIR\_BUR\_FULLFIX\_03**

Roof Type:

**BUR**

Description:

**Rooflight / Access Hatch**

Scale:

**NTS**

Drawn:

**W.Harding**












Date:

**15/04/2025**

**Proteus Pro-Felt® AIRdhesive**



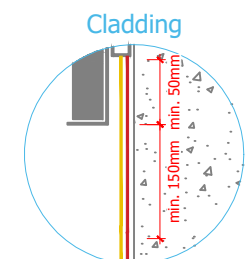
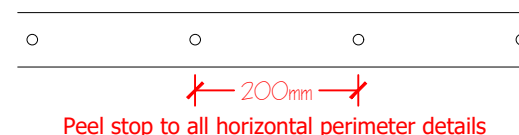
**Proteus**  
**WATERPROOFING**

- ①  Substrate
- ②  **1000 Gauge Polythene AVCL** (loose laid)
- ③  **Proteus Pro-Felt® SA Underlay** and **Pro-Prime® SA**
- ④  **Proteus Pro-Therm Insulation** (foil faced)
- ⑤  **Proteus Pro-Therm Non-Combustible Angle Fillet** and **Pro-Bond Foaming** (adhesive)
- ⑥  **Proteus Pro-Felt® Endura SA Underlay** and **Pro-Prime® SA**
- ⑦  **Proteus Pro-Felt® Endura SA Capsheet** and **Pro-Prime® SA**
- ⑧  **Proteus Fixing and Fastener** (based on bespoke project wind uplift design)
- ⑨  Peel Stop (by others)
- ⑩  **Proteus Pro-Felt® Endura AIRdhesive**
- ⑪  **Proteus Sealant**

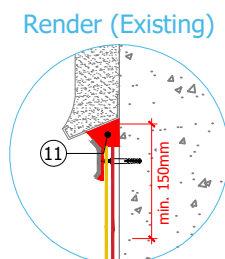
#### Lap Dimensions

Side Laps	≥ 120mm
End Laps	≥ 150mm
Upstand Laps	≥ 150mm

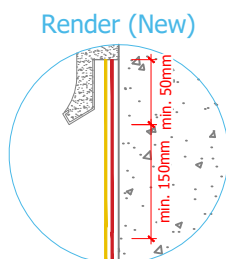
All laps to be heat welded



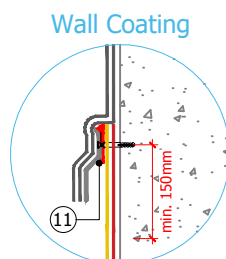
**A** New vertical cladding installed to provide minimum 50mm weathering lap



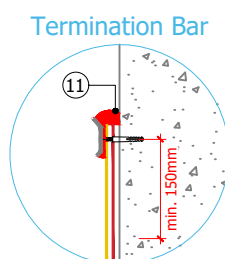
**B** Seal with a continuous minimum 6mm bead of **Proteus Bitumen Sealant** following through cure of the System



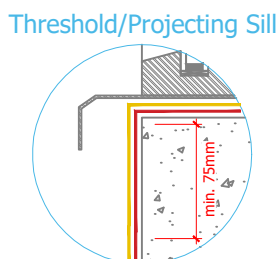
**C** Traditional render application with mechanically fixed bell cast/stop bead installed to overlap Waterproofing membrane by minimum 50mm



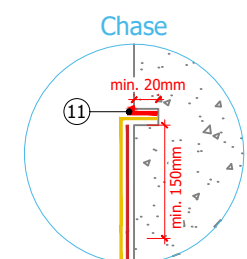
**D** Mechanically fixed **Proteus Counter Flashing** used as the lower termination position of the specified wall coating



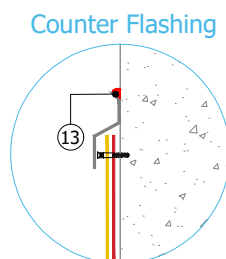
**E** Waterproofing System terminated with a mechanically fixed **Proteus Termination Bar**, sealed and bedded with **Proteus Bitumen Sealant**



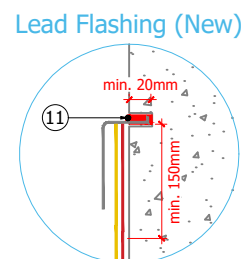
**F** Waterproofing System terminated tightly at the junction with the projecting sill and sealed with **Proteus Bitumen Sealant**



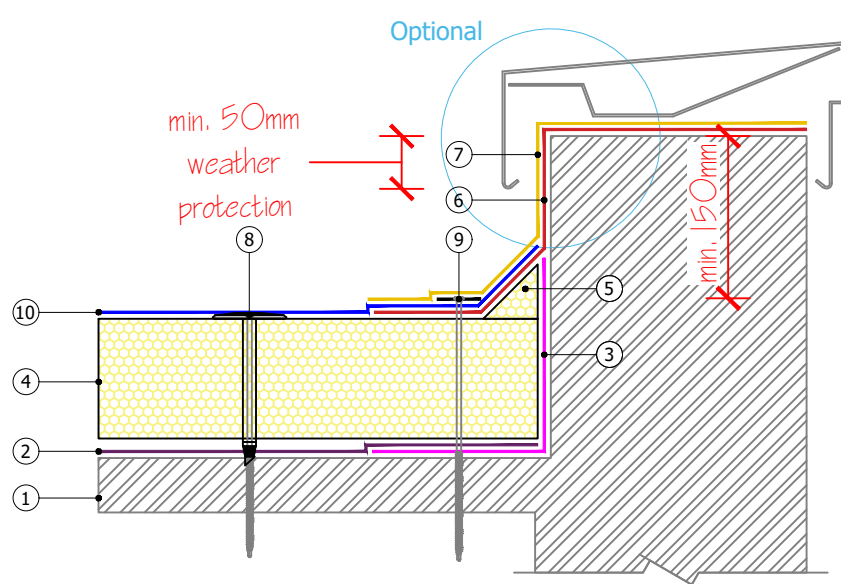
**G** Waterproofing System terminated in a 25mm x 10mm cleaned and primed pre-cut chase sealed with **Proteus Bitumen Sealant**



**H** Waterproofing System terminated with a mechanically fixed **Proteus Counter Flashing**, sealed and bedded with **Proteus Bitumen Sealant**



**I** New Lead Flashings installed in strict accordance with BS 6915 and LSA guidelines



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Drawing No.:

**SD\_PFAIR\_BUR\_FULLFIX\_04**

Roof Type:

**BUR**

Description:

**Upstand Terminations**












Scale:  
**NTS**

Drawn:  
**W.Harding**

Date:  
**15/04/2025**

**Proteus Pro-Felt® AIRdhesive**

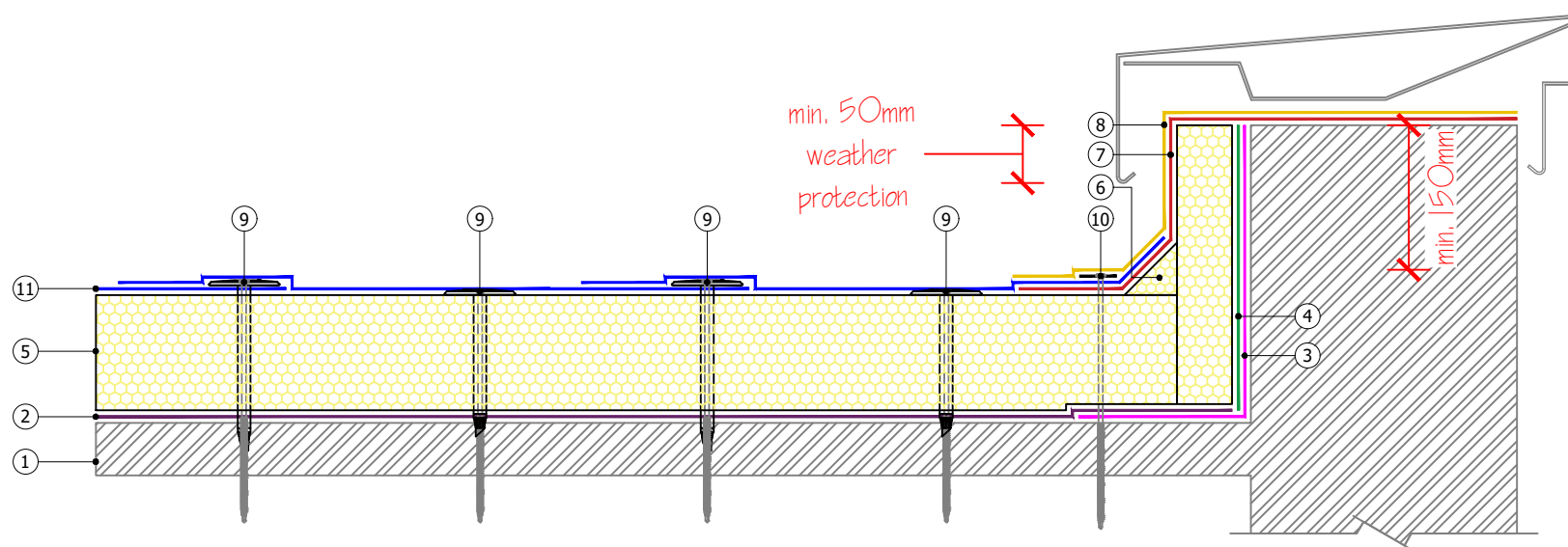
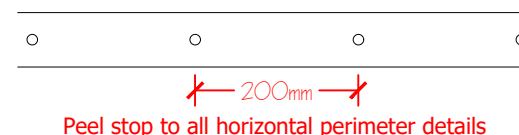


- ①  Substrate
- ②  **1000 Gauge Polythene AVCL** (loose laid)
- ③  **Proteus Pro-Felt® SA Underlay** and **Pro-Prime® SA**
- ④  **Pro-Bond Foaming (adhesive)**
- ⑤  **Proteus Pro-Therm Insulation** (foil faced)
- ⑥  **Proteus Pro-Therm Non-Combustible Angle Fillet** and **Pro-Bond Foaming** (adhesive)
- ⑦  **Proteus Pro-Felt® Endura SA Underlay** and **Pro-Prime® SA**
- ⑧  **Proteus Pro-Felt® Endura SA Capsheet** and **Pro-Prime® SA**
- ⑨  **Proteus Fixing and Fastener** (based on bespoke project wind uplift design)
- ⑩  Peel Stop (by others)
- ⑪  **Proteus Pro-Felt® Endura AIRdhesive**

#### Lap Dimensions

Side Laps	≥ 120mm
End Laps	≥ 150mm
Upstand Laps	≥ 150mm

All laps to be heat welded



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Drawing No.:

**SD\_PFAIR\_BUR\_FULLFIX\_05**

Roof Type:

**BUR**

Description:

**Insulated Parapet - Capping**

Scale:

**NTS**

Drawn:

**W.Harding**











Date:

**15/04/2025**

**Proteus Pro-Felt® AIRdhesive**



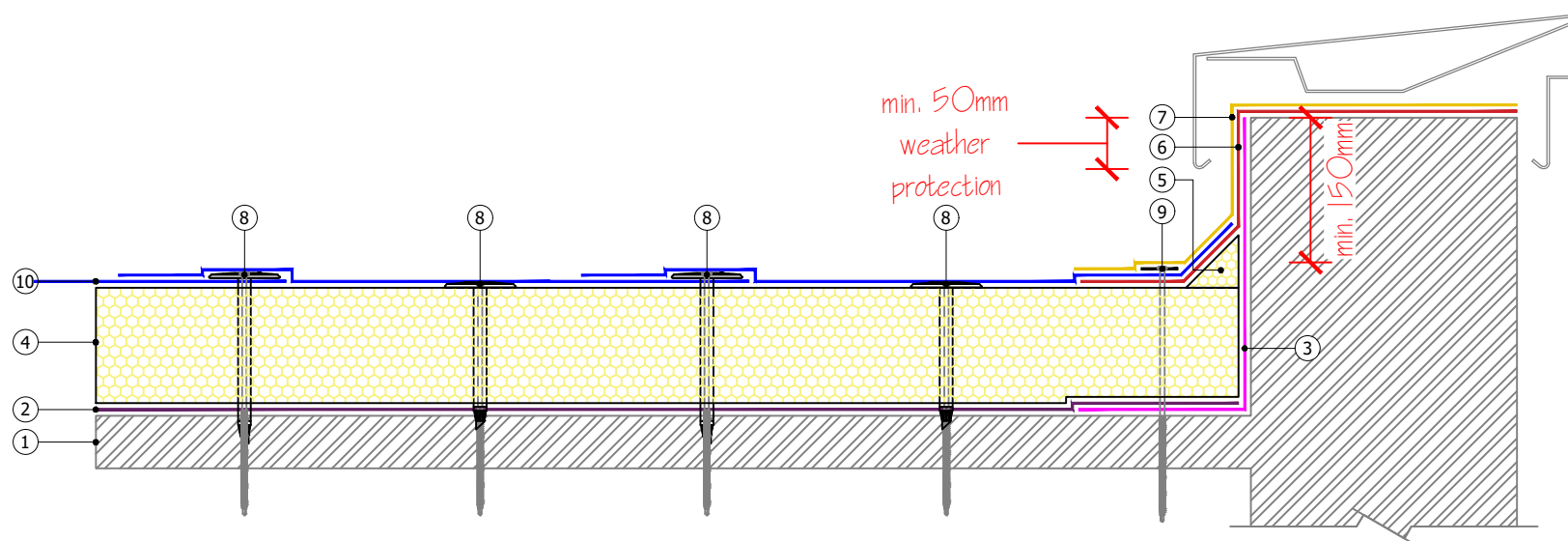
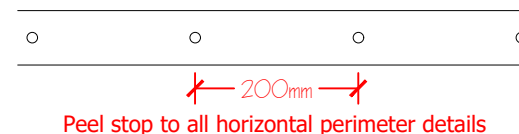
**Proteus**  
**WATERPROOFING**

- ①  Substrate
- ②  **1000 Gauge Polythene AVCL** (loose laid)
- ③  **Proteus Pro-Felt® SA Underlay** and **Pro-Prime® SA**
- ④  **Proteus Pro-Therm Insulation** (foil faced)
- ⑤  **Proteus Pro-Therm Non-Combustible Angle Fillet** and **Pro-Bond Foaming** (adhesive)
- ⑥  **Proteus Pro-Felt® Endura SA Underlay** and **Pro-Prime® SA**
- ⑦  **Proteus Pro-Felt® Endura SA Capsheet** and **Pro-Prime® SA**
- ⑧  **Proteus Fixing and Fastener** (based on bespoke project wind uplift design)
- ⑨  Peel Stop (by others)
- ⑩  **Proteus Pro-Felt® Endura AIRdhesive**

#### Lap Dimensions

Side Laps	≥ 120mm
End Laps	≥ 150mm
Upstand Laps	≥ 150mm

All laps to be heat welded



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Drawing No.:

**SD\_PFAIR\_BUR\_FULLFIX\_06**

Roof Type:

**BUR**

Description:

**Uninsulated Parapet - Capping**

Scale:

**NTS**

Drawn:

**W.Harding**

Date:












**15/04/2025**

**Proteus Pro-Felt® AIRdhesive**



**Proteus**  
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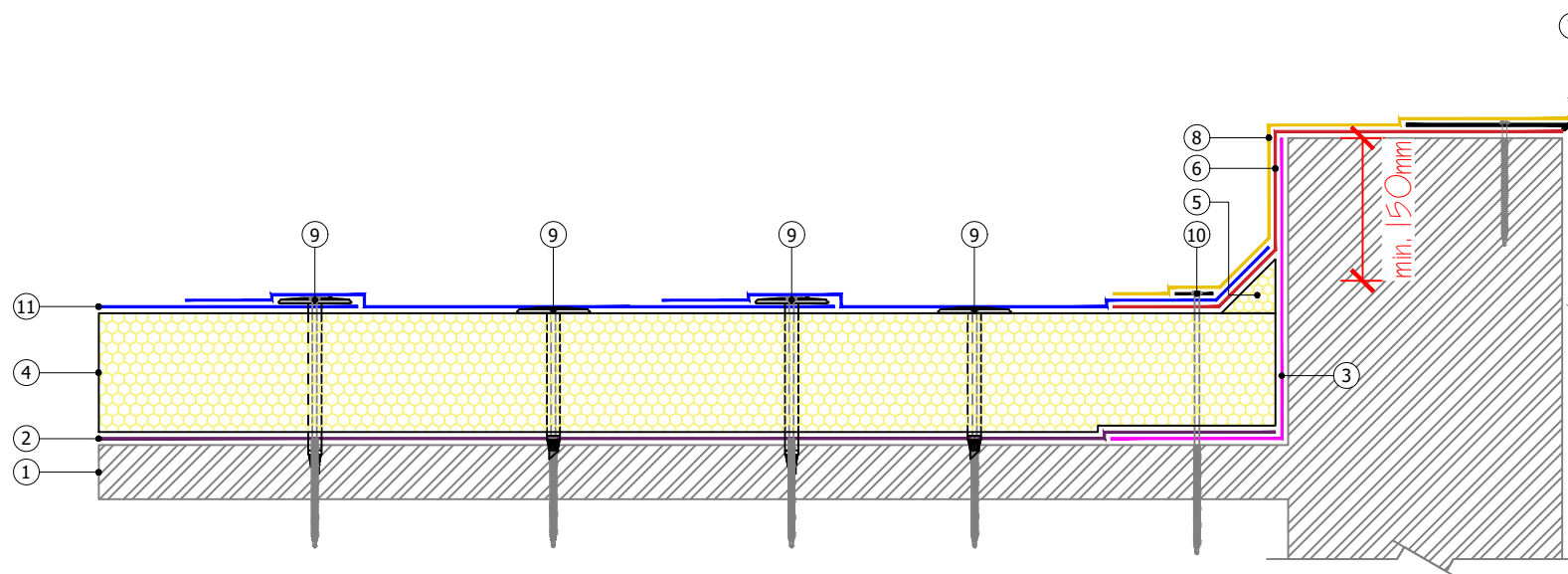
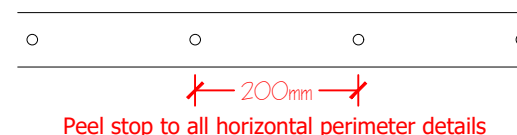


- ①  Substrate
- ②  **1000 Gauge Polythene AVCL** (loose laid)
- ③  **Proteus Pro-Felt® SA Underlay** and **Pro-Prime® SA**
- ④  **Proteus Pro-Therm Insulation** (foil faced)
- ⑤  **Proteus Pro-Therm Non-Combustible Angle Fillet** and **Pro-Bond Foaming** (adhesive)
- ⑥  **Proteus Pro-Felt® Endura SA Underlay** and **Pro-Prime® SA**
- ⑦  **GRP Trim** (mechanically fixed)
- ⑧  **Proteus Pro-Felt® Endura SA Capsheet** and **Pro-Prime® SA**
- ⑨  **Proteus Fixing and Fastener** (based on bespoke project wind uplift design)
- ⑩  Peel Stop (by others)
- ⑪  **Proteus Pro-Felt® Endura AIRdhesive**

#### Lap Dimensions

Side Laps	≥ 120mm
End Laps	≥ 150mm
Upstand Laps	≥ 150mm

All laps to be heat welded



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Drawing No.:

**SD\_PFAIR\_BUR\_FULLFIX\_07**

Roof Type:

**BUR**

Description:

**Parapet - GRP Trim**

Scale:

**NTS**

Drawn:

**W.Harding**












Date:

**15/04/2025**

**Proteus Pro-Felt® AIRdhesive**



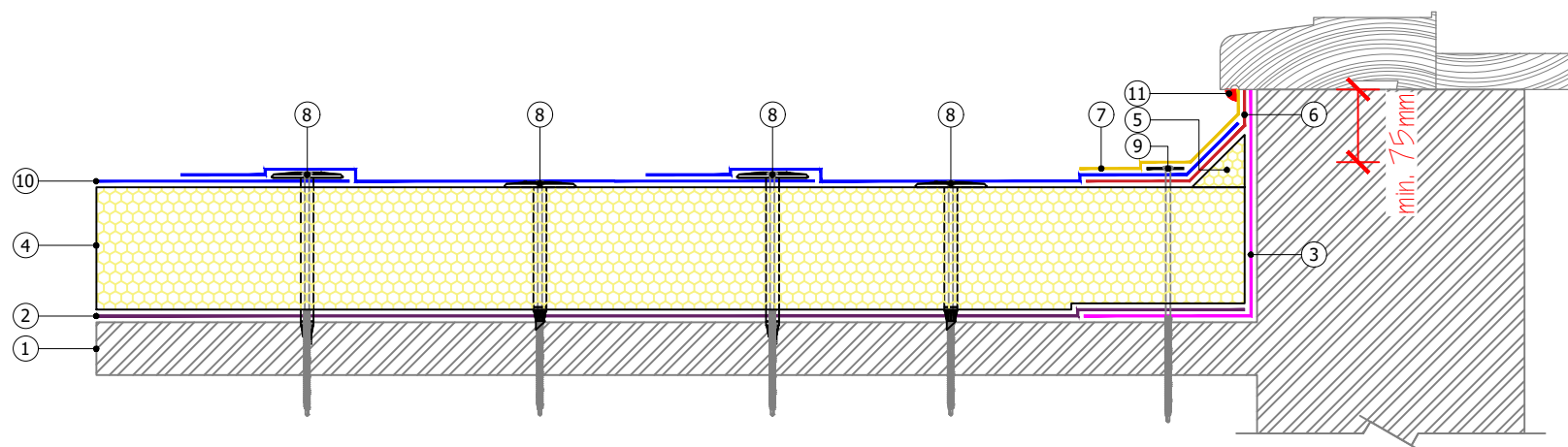
**Proteus**  
**WATERPROOFING**

- ①  Substrate
- ②  **1000 Gauge Polythene AVCL** (loose laid)
- ③  **Proteus Pro-Felt® SA Underlay** and **Pro-Prime® SA**
- ④  **Proteus Pro-Therm Insulation** (foil faced)
- ⑤  **Proteus Pro-Therm Non-Combustible Angle Fillet** and **Pro-Bond Foaming** (adhesive)
- ⑥  **Proteus Pro-Felt® Endura SA Underlay** and **Pro-Prime® SA**
- ⑦  **Proteus Pro-Felt® Endura SA Capsheet** and **Pro-Prime® SA**
- ⑧  **Proteus Fixing and Fastener** (based on bespoke project wind uplift design)
- ⑨  Peel Stop (by others)
- ⑩  **Proteus Pro-Felt® Endura AIRdhesive**
- ⑪  **Proteus Sealant**

#### Lap Dimensions

Side Laps	≥ 120mm
End Laps	≥ 150mm
Upstand Laps	≥ 150mm

All laps to be heat welded



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Drawing No.:

**SD\_PFAIR\_BUR\_FULLFIX\_08**

Roof Type:

**BUR**

Description:

**Threshold (Existing) - Sealant**

Scale:

**NTS**

Drawn:

**W.Harding**

Date:












**15/04/2025**

**Proteus Pro-Felt® AIRdhesive**



**Proteus**  
**WATERPROOFING**

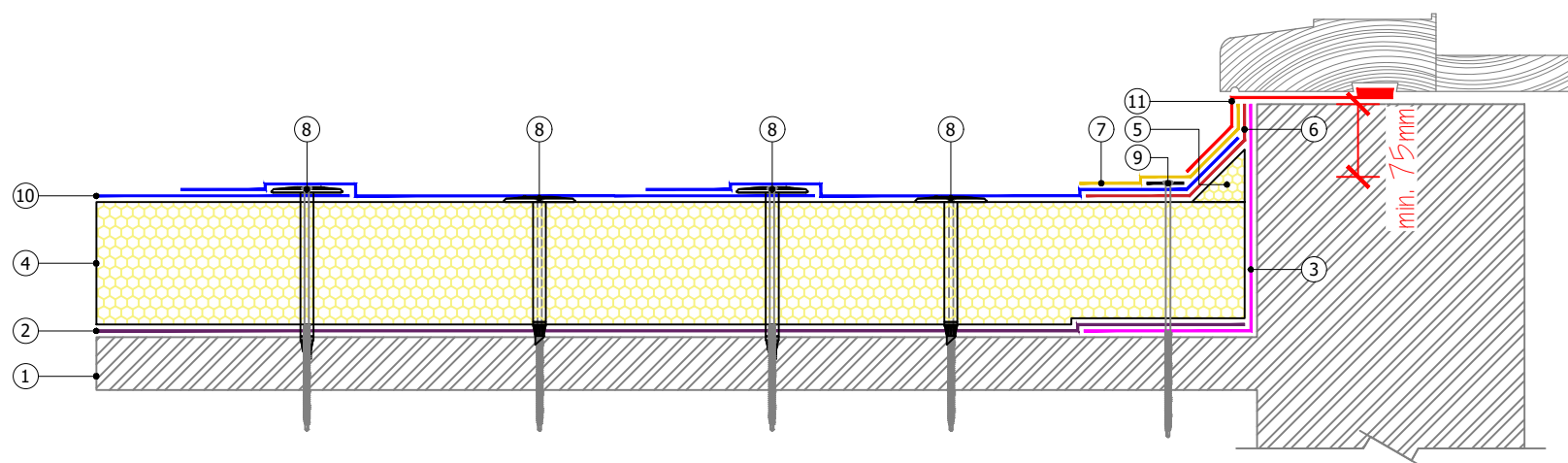
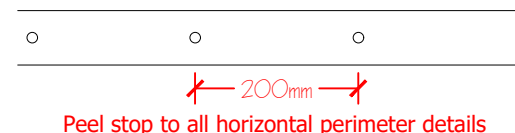


- ①  Substrate
- ②  **1000 Gauge Polythene AVCL** (loose laid)
- ③  **Proteus Pro-Felt® SA Underlay** and **Pro-Prime® SA**
- ④  **Proteus Pro-Therm Insulation** (foil faced)
- ⑤  **Proteus Pro-Therm Non-Combustible Angle Fillet** and **Pro-Bond Foaming** (adhesive)
- ⑥  **Proteus Pro-Felt® Endura SA Underlay** and **Pro-Prime® SA**
- ⑦  **Proteus Pro-Felt® Endura SA Capsheet** and **Pro-Prime® SA**
- ⑧  **Proteus Fixing and Fastener** (based on bespoke project wind uplift design)
- ⑨  Peel Stop (by others)
- ⑩  **Proteus Pro-Felt® Endura AIRdhesive**
- ⑪  EPDM membrane (min. 100mm lap onto waterproofing)

#### Lap Dimensions

Side Laps	≥ 120mm
End Laps	≥ 150mm
Upstand Laps	≥ 150mm

All laps to be heat welded



#### Proteus Waterproofing Ltd.

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All components are to be prepared  
and installed in strict accordance with  
**Proteus Project Specification**

#### Notes :

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Drawing No.:

**SD\_PFAIR\_BUR\_FULLFIX\_09**

Roof Type:

**BUR**

Description:

**Threshold (New) - EPDM**

Scale:

**NTS**

Drawn:









**W.Harding**

Date:

**15/04/2025**

**Proteus Pro-Felt® AIRdhesive**

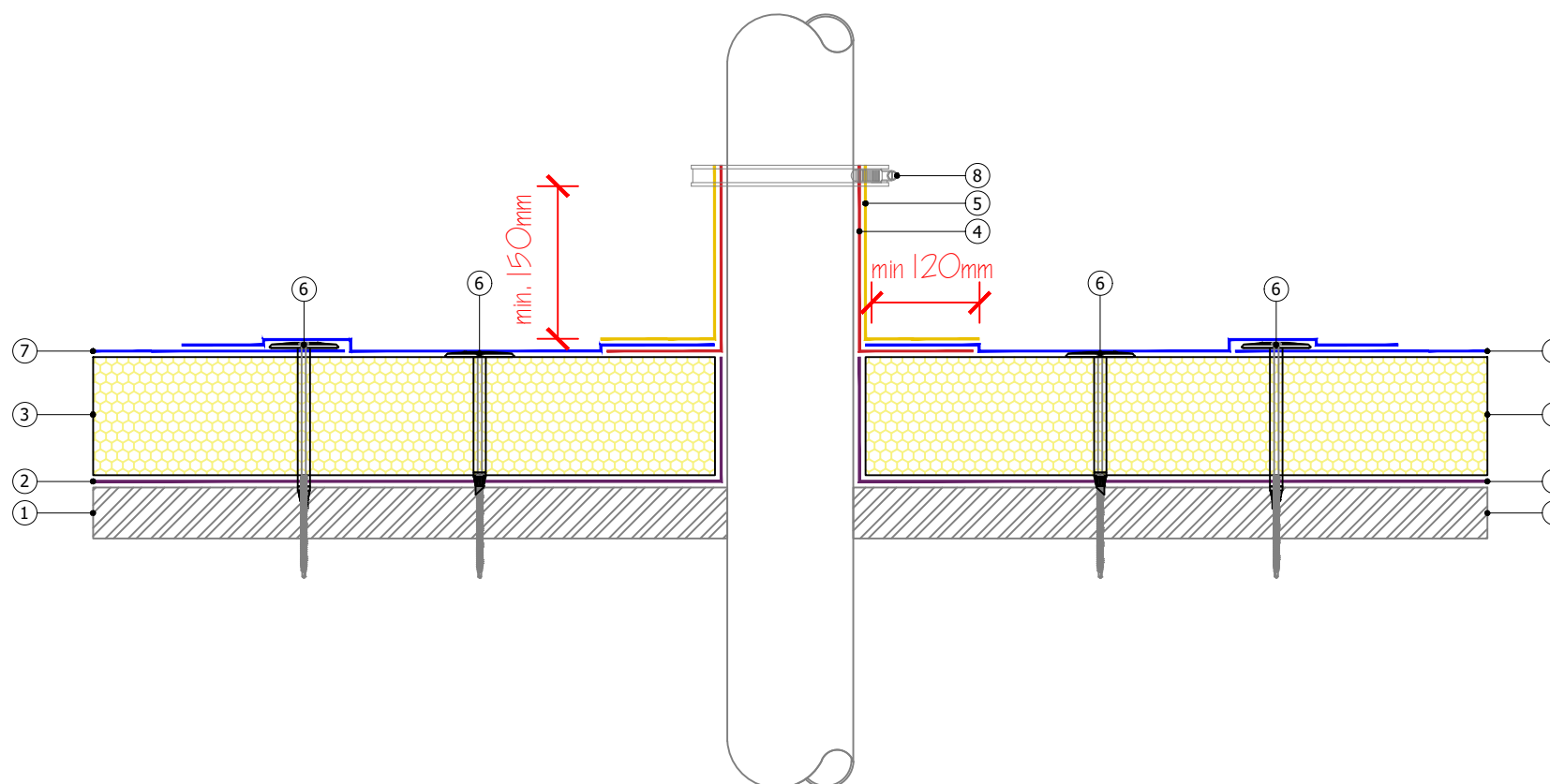
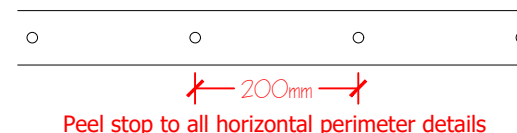


- ①  Substrate
- ②  **1000 Gauge Polythene AVCL** (loose laid)
- ③  **Proteus Pro-Therm Insulation** (foil faced)
- ④  **Proteus Pro-Felt® Endura SA Underlay** and **Pro-Prime® SA**
- ⑤  **Proteus Pro-Felt® Endura SA Capsheet** and **Pro-Prime® SA**
- ⑥  **Proteus Fixing and Fastener** (based on bespoke project wind uplift design)
- ⑦  **Proteus Pro-Felt® Endura AIRdhesive**
- ⑧  Jubilee Clip (by others)

#### Lap Dimensions

Side Laps	≥ 120mm
End Laps	≥ 150mm
Upstand Laps	≥ 150mm

All laps to be heat welded



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Drawing No.: <b>SD_PFAIR_BUR_FULLFIX_10</b>		Roof Type: <b>BUR</b>
Description: <b>Cold Pipe Penetration</b>		
Scale: <b>NTS</b>	Drawn: <b>W.Harding</b>	Date: <b>15/04/2025</b>

Proteus Pro-Felt® AIRdhesive

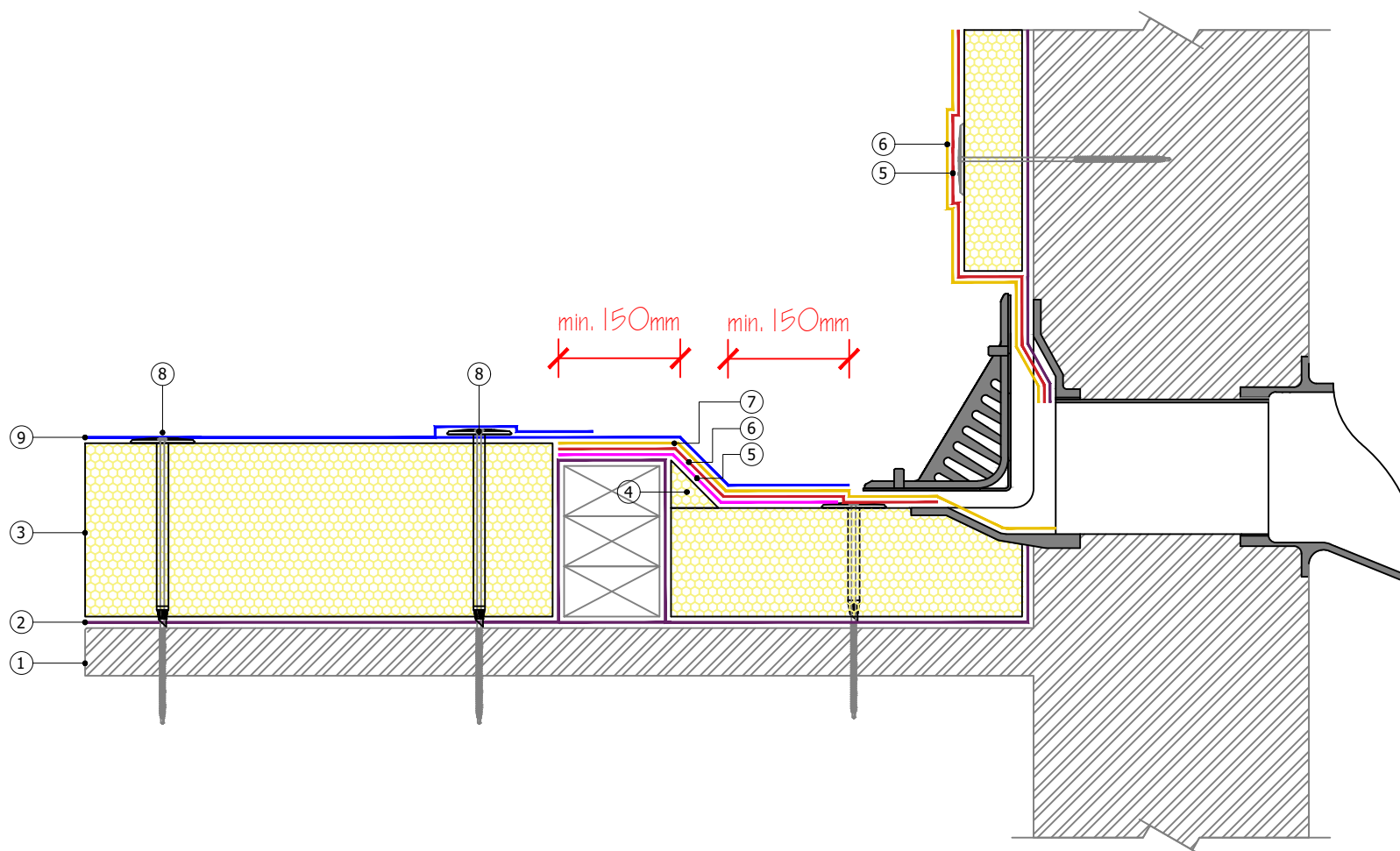
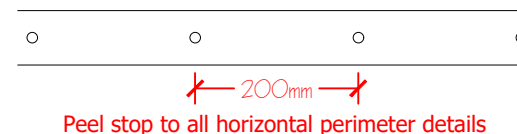


- ①  Substrate
- ②  **1000 Gauge Polythene AVCL** (loose laid)
- ③  **Proteus Pro-Therm Insulation** (foil faced)
- ④  **Proteus Pro-Therm Non-Combustible Angle Fillet** and **Pro-Bond Foaming** (adhesive)
- ⑤  **Proteus Pro-Felt® 3mm Plain Underlay** reinforcement (25 year system only)
- ⑥  **Proteus Pro-Felt® Endura SA Underlay** and **Pro-Prime® SA**
- ⑦  **Proteus Pro-Felt® Endura SA Capsheet** and **Pro-Prime® SA**
- ⑧  **Proteus Fixing and Fastener** (based on bespoke project wind uplift design)
- ⑨  **Proteus Pro-Felt® Endura AIRdhesive**

#### Lap Dimensions

Side Laps	≥ 120mm
End Laps	≥ 150mm
Upstand Laps	≥ 150mm

All laps to be heat welded



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Drawing No.:

**SD\_PFAIR\_BUR\_FULLFIX\_11**

Roof Type:

**BUR**

Description:

**Insulated Parapet Gutter**

Scale:

**NTS**

Drawn:

**W.Harding**










Date:

**15/04/2025**

**Proteus Pro-Felt® AIRdhesive**



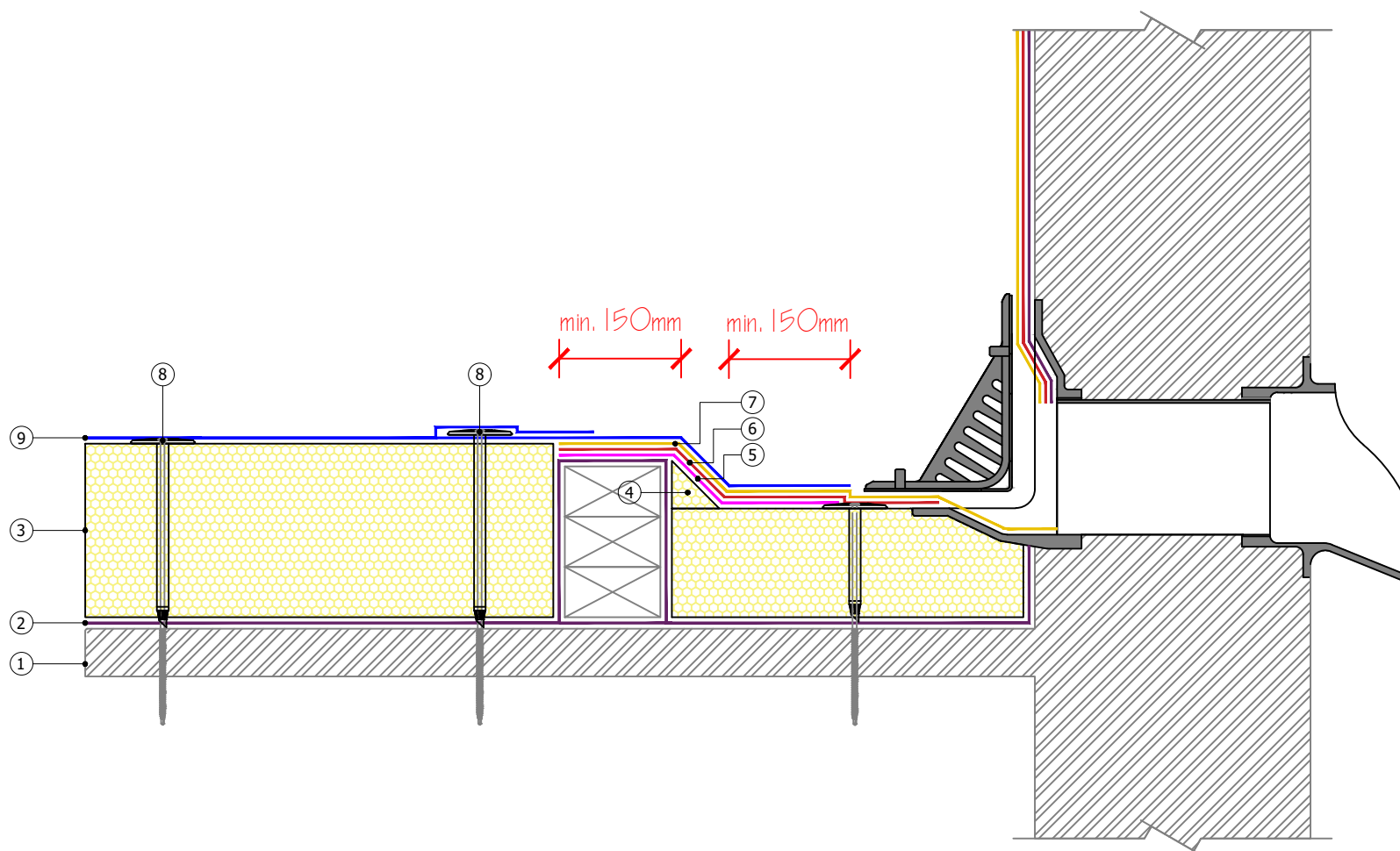
**Proteus**  
**WATERPROOFING**

- ①  Substrate
- ②  **1000 Gauge Polythene AVCL** (loose laid)
- ③  **Proteus Pro-Therm Insulation** (foil faced)
- ④  **Proteus Pro-Therm Non-Combustible Angle Fillet** and **Pro-Bond Foaming** (adhesive)
- ⑤  **Proteus Pro-Felt® 3mm Plain Underlay** reinforcement (25 year system only)
- ⑥  **Proteus Pro-Felt® Endura SA Underlay** and **Pro-Prime® SA**
- ⑦  **Proteus Pro-Felt® Endura SA Capsheet** and **Pro-Prime® SA**
- ⑧  **Proteus Fixing and Fastener** (based on bespoke project wind uplift design)
- ⑨  **Proteus Pro-Felt® Endura AIRdhesive**

#### Lap Dimensions

Side Laps	≥ 120mm
End Laps	≥ 150mm
Upstand Laps	≥ 150mm

All laps to be heat welded



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Drawing No.:

**SD\_PFAIR\_BUR\_FULLFIX\_12**

Roof Type:

**BUR**

Description:

**Uninsulated Parapet Gutter**

Scale:

**NTS**

Drawn:

**W.Harding**











Date:

**15/04/2025**

**Proteus Pro-Felt® AIRdhesive**



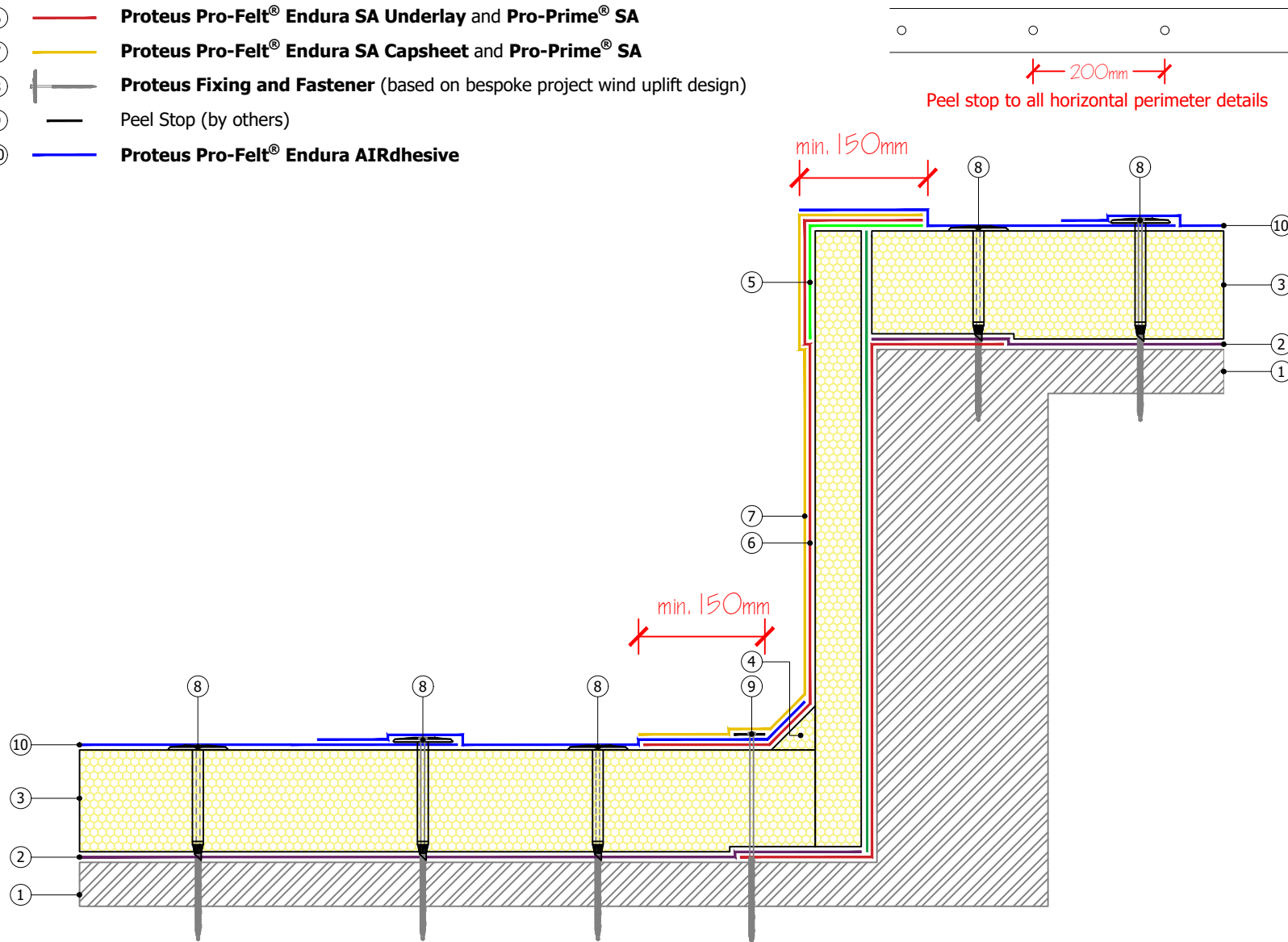
**Proteus**  
**WATERPROOFING**

- ①  Substrate
- ②  **1000 Gauge Polythene AVCL** (loose laid)
- ③  **Proteus Pro-Therm Insulation** (foil faced)
- ④  **Proteus Pro-Therm Non-Combustible Angle Fillet** and **Pro-Bond Foaming** (adhesive)
- ⑤  Metal angle (by others) and **Pro-Bond Foaming** (adhesive)
- ⑥  **Proteus Pro-Felt® Endura SA Underlay** and **Pro-Prime® SA**
- ⑦  **Proteus Pro-Felt® Endura SA Capsheet** and **Pro-Prime® SA**
- ⑧  **Proteus Fixing and Fastener** (based on bespoke project wind uplift design)
- ⑨  Peel Stop (by others)
- ⑩  **Proteus Pro-Felt® Endura AIRdhesive**

#### Lap Dimensions

Side Laps	≥ 120mm
End Laps	≥ 150mm
Upstand Laps	≥ 150mm

All laps to be heat welded



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Drawing No.:

**SD\_PFAIR\_BUR\_FULLFIX\_13**

Roof Type:

**BUR**

Description:

**Roof Transition**

Scale:

**NTS**

Drawn:

**W.Harding**

Date:

**15/04/2025**

**Proteus Pro-Felt® AIRdhesive**



**Proteus**  
**WATERPROOFING**