







- ①  Substrate
- ②  **Pro-Vapour Control/Carrier Membrane SA and Pro-Prime® SA** (timber substrate | self-adhesive | Safe2Torch)
- ③  **Pro-Bond Foaming** (adhesive)
- ④  **Proteus Pro-Therm Insulation** (as per specification)
- ⑤  **Pro-Membrane Adhesive**
- ⑥  **Proteus Pro-Felt® Endura-Flex AIRdhesive**

#### Lap Dimensions

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

All laps to be heat welded

#### Proteus Waterproofing Ltd.

21a Sirdar Road,  
Brook Road Industrial Estate,  
Rayleigh, Essex, SS6 7XF

Tel: +44 (0)1268 777871

W: [www.proteuswaterproofing.co.uk](http://www.proteuswaterproofing.co.uk)

E: [office@proteuswaterproofing.co.uk](mailto:office@proteuswaterproofing.co.uk)

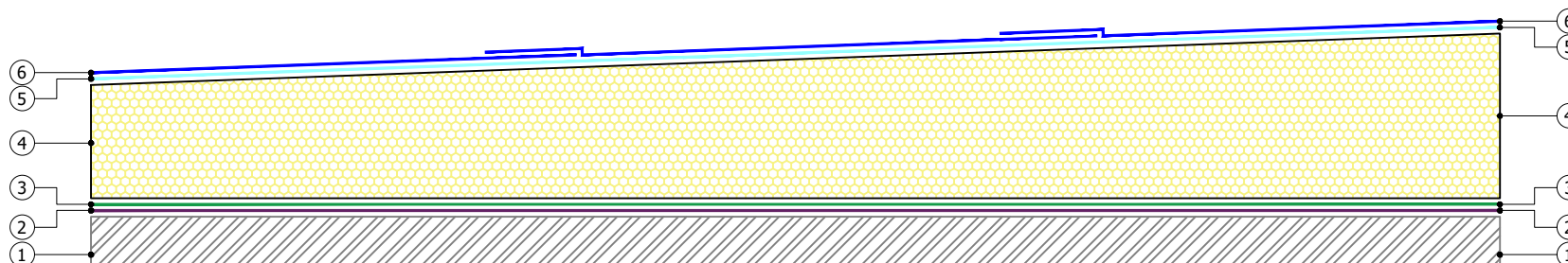
All components are to be prepared  
and installed in strict accordance with  
**Proteus Project Specification**

#### Notes :

This drawing is solely intended to illustrate the correct application of Proteus Waterproofing Ltd's products and systems. All other elements bearing reference to structural and/or thermal design within the detail are shown indicatively and should not be used in whole or part for any aspect of project design without consulting the relevant authorities.

For refurbishment projects, all aspects of the existing roof are deemed to be fully compliant with BS 6229 (Code of practice for flat roofs with continuously supported coverings) or improved upon for instances where these standards are not met.











© This drawing is the copyright of Proteus Waterproofing Ltd.



Drawing No.: <b>SD_PFAIRFX_BUR_ADHERED_01</b>		Roof Type: <b>BUR</b>
Description: <b>Horizontal Surface</b>		
Scale: <b>NTS</b>	Drawn: <b>W.Harding</b>	Date: <b>18/06/2025</b>

**Proteus Pro-Felt® AIRdhesive**



- ①  Substrate
- ②  **Pro-Vapour Control/Carrier Membrane SA and Pro-Prime® SA** (timber substrate | self-adhesive | Safe2Torch)
- ③  **Pro-Bond Foaming** (adhesive)
- ④  **Proteus Pro-Therm Insulation** (as per specification)
- ⑤  **Proteus Pro-Felt® Endura-Flex SA Underlay and Pro-Prime® SA** (self-adhesive | Safe2Torch)
- ⑤  **Proteus Pro-Felt® Endura-Flex Underlay and Pro-Prime® Bitumen** (torch-on)
- ⑥  **Proteus Pro-Felt® Endura-Flex SA Capsheet and Pro-Prime® SA** (self-adhesive | Safe2Torch)
- ⑥  **Proteus Pro-Felt® Endura-Flex Capsheet and Pro-Prime® Bitumen** (torch-on)
- ⑦  **Pro-Membrane Adhesive**
- ⑧  **Proteus Pro-Felt® Endura-Flex AIRdhesive**

#### Lap Dimensions

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

All laps to be heat welded

#### Proteus Waterproofing Ltd.

21a Sirdar Road,  
Brook Road Industrial Estate,  
Rayleigh, Essex, SS6 7XF

Tel: +44 (0)1268 777871

W: [www.proteuswaterproofing.co.uk](http://www.proteuswaterproofing.co.uk)

E: [office@proteuswaterproofing.co.uk](mailto:office@proteuswaterproofing.co.uk)

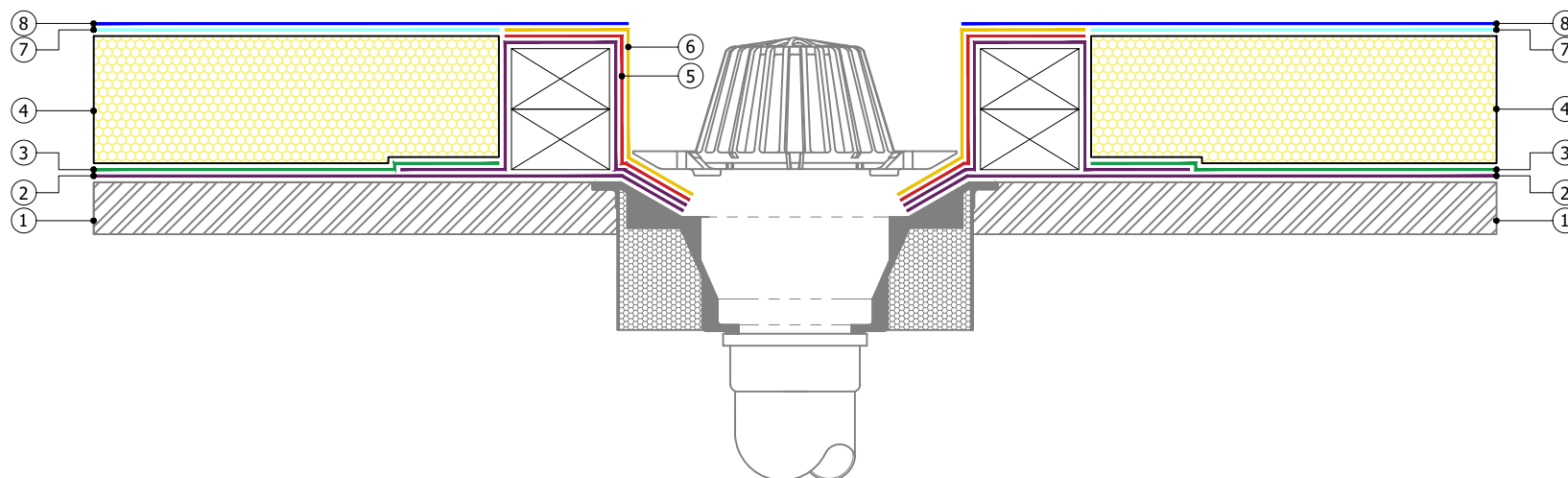
All components are to be prepared  
and installed in strict accordance with  
**Proteus Project Specification**

#### Notes :

This drawing is solely intended to illustrate the correct application of Proteus Waterproofing Ltd's products and systems. All other elements bearing reference to structural and/or thermal design within the detail are shown indicatively and should not be used in whole or part for any aspect of project design without consulting the relevant authorities.

For refurbishment projects, all aspects of the existing roof are deemed to be fully compliant with BS 6229 (Code of practice for flat roofs with continuously supported coverings) or improved upon for instances where these standards are not met.

© This drawing is the copyright of Proteus Waterproofing Ltd.



Drawing No.: <b>SD_PFAIRFX_BUR_ADHERED_02</b>		Roof Type: <b>BUR</b>
Description: <b>Vertical Rainwater Outlet</b>		
Scale: <b>NTS</b>	Drawn: <b>W.Harding</b>	Date: <b>18/06/2025</b>

Proteus Pro-Felt® AIRdhesive



- ①  Substrate
- ②  Rooflight / Roof Access Hatch (by others)
- ③  **Pro-Vapour Control/Carrier Membrane SA and Pro-Prime® SA** (timber substrate | self-adhesive | Safe2Torch)
- ④  **Pro-Bond Foaming** (adhesive)
- ⑤  **Proteus Pro-Therm Insulation** (as per specification)
- ⑥  **Proteus Pro-Therm Non-Combustible Angle Fillet and Pro-Bond Foaming** (adhesive)
- ⑦  **Proteus Pro-Felt® Endura-Flex SA Underlay and Pro-Prime® SA** (self-adhesive | Safe2Torch)
- ⑦  **Proteus Pro-Felt® Endura-Flex Underlay and Pro-Prime® Bitumen** (torch-on)
- ⑧  **Proteus Pro-Felt® Endura-Flex SA Capsheet and Pro-Prime® SA** (self-adhesive | Safe2Torch)
- ⑧  **Proteus Pro-Felt® Endura-Flex Capsheet and Pro-Prime® Bitumen** (torch-on)
- ⑨  **Pro-Membrane Adhesive**
- ⑩  **Proteus Pro-Felt® Endura-Flex AIRdhesive**
- ⑪  **Proteus Sealant**

#### Lap Dimensions

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

All laps to be heat welded

#### Proteus Waterproofing Ltd.

21a Sirdar Road,  
Brook Road Industrial Estate,  
Rayleigh, Essex, SS6 7XF

Tel: +44 (0)1268 777871

W: [www.proteuswaterproofing.co.uk](http://www.proteuswaterproofing.co.uk)

E: [office@proteuswaterproofing.co.uk](mailto:office@proteuswaterproofing.co.uk)

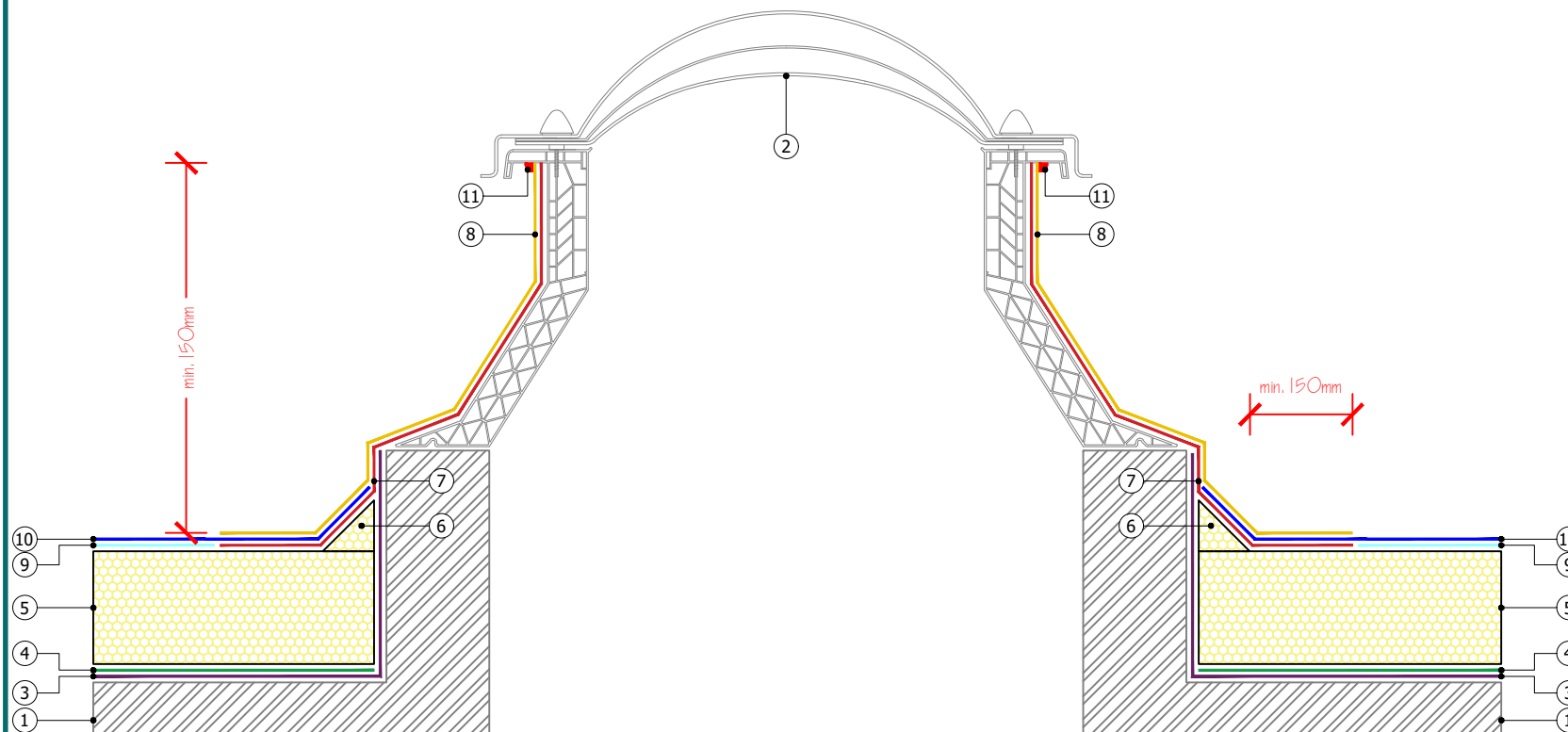
All components are to be prepared  
and installed in strict accordance with  
**Proteus Project Specification**

#### Notes :

This drawing is solely intended to illustrate the correct application of Proteus Waterproofing Ltd's products and systems. All other elements bearing reference to structural and/or thermal design within the detail are shown indicatively and should not be used in whole or part for any aspect of project design without consulting the relevant authorities.

For refurbishment projects, all aspects of the existing roof are deemed to be fully compliant with BS 6229 (Code of practice for flat roofs with continuously supported coverings) or improved upon for instances where these standards are not met.













© This drawing is the copyright of Proteus Waterproofing Ltd.



Drawing No.: <b>SD_PFAIRFX_BUR_ADHERED_03</b>		Roof Type: <b>BUR</b>
Description: <b>Rooflight / Access Hatch</b>		
Scale: <b>NTS</b>	Drawn: <b>W.Harding</b>	Date: <b>18/06/2025</b>

Proteus Pro-Felt® AIRdhesive



- ①  Substrate
- ②  **Pro-Vapour Control/Carrier Membrane SA and Pro-Prime® SA** (timber substrate | self-adhesive | Safe2Torch)
- ③  **Pro-Bond Foaming** (adhesive)
- ④  **Proteus Pro-Therm Insulation** (as per specification)
- ⑤  **Proteus Pro-Therm Non-Combustible Angle Fillet and Pro-Bond Foaming** (adhesive)
- ⑥  **Proteus Pro-Felt® Endura-Flex SA Underlay and Pro-Prime® SA** (self-adhesive | Safe2Torch)
- ⑥  **Proteus Pro-Felt® Endura-Flex Underlay and Pro-Prime® Bitumen** (torch-on)
- ⑦  **Proteus Pro-Felt® Endura-Flex SA Capsheet and Pro-Prime® SA** (self-adhesive | Safe2Torch)
- ⑦  **Proteus Pro-Felt® Endura-Flex Capsheet and Pro-Prime® Bitumen** (torch-on)
- ⑧  **Pro-Membrane Adhesive**
- ⑨  **Proteus Pro-Felt® Endura-Flex AIRdhesive**
- ⑩  **Proteus Sealant**

#### Lap Dimensions

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

All laps to be heat welded

#### Proteus Waterproofing Ltd.

21a Sirdar Road,  
Brook Road Industrial Estate,  
Rayleigh, Essex, SS6 7XF

Tel: +44 (0)1268 777871

W: [www.proteuswaterproofing.co.uk](http://www.proteuswaterproofing.co.uk)

E: [office@proteuswaterproofing.co.uk](mailto:office@proteuswaterproofing.co.uk)

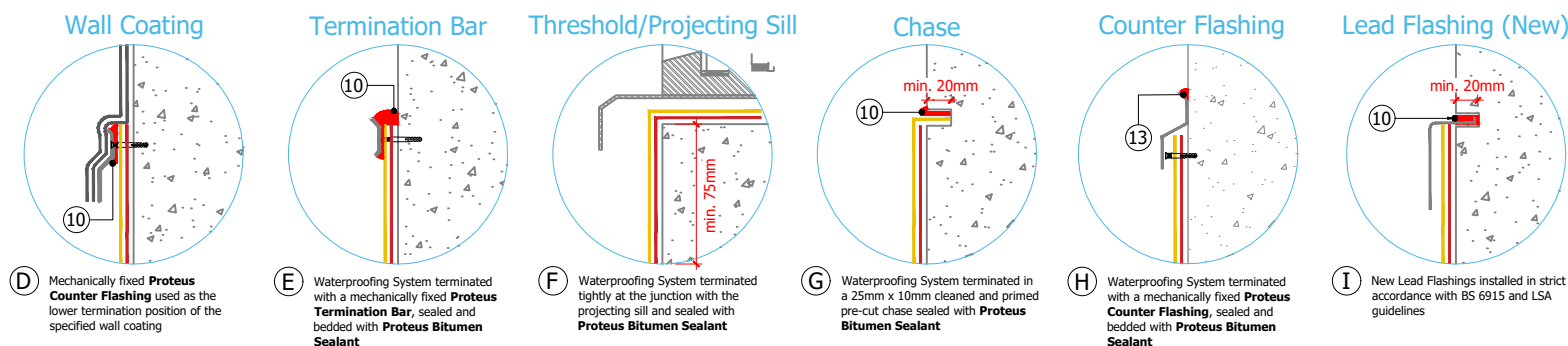
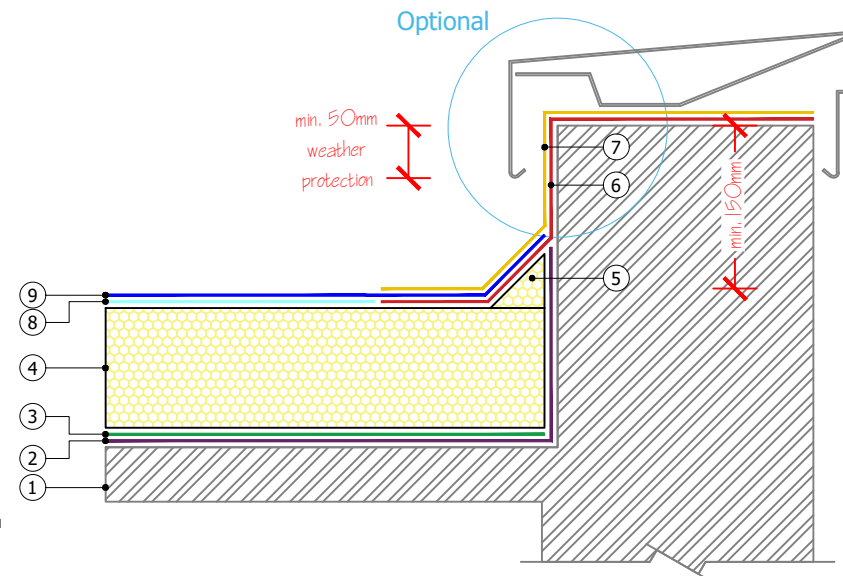
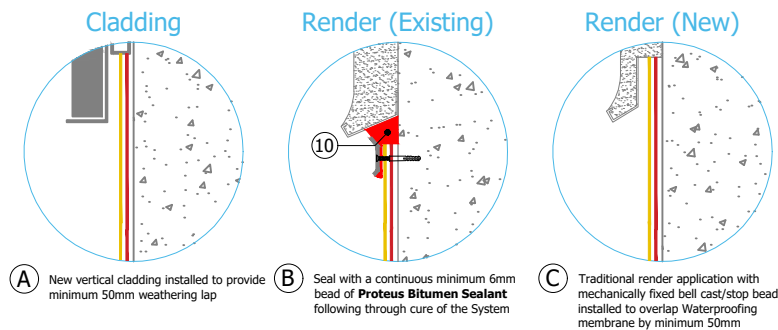
All components are to be prepared and installed in strict accordance with  
**Proteus Project Specification**

#### Notes :

This drawing is solely intended to illustrate the correct application of Proteus Waterproofing Ltd's products and systems. All other elements bearing reference to structural and/or thermal design within the detail are shown indicatively and should not be used in whole or part for any aspect of project design without consulting the relevant authorities.

For refurbishment projects, all aspects of the existing roof are deemed to be fully compliant with BS 6229 (Code of practice for flat roofs with continuously supported coverings) or improved upon for instances where these standards are not met.

© This drawing is the copyright of Proteus Waterproofing Ltd.














Drawing No.:	Roof Type:
SD_PFAIRFX_BUR_ADHERED_04	BUR

Description:
Upstand Terminations

Scale:	Drawn:	Date:
NTS	W.Harding	18/06/2025

Proteus Pro-Felt® AIRdhesive



- ①  Substrate
- ②  **Pro-Vapour Control/Carrier Membrane SA** and **Pro-Prime® SA** (timber substrate | self-adhesive | Safe2Torch)
- ③  **Pro-Bond Foaming** (adhesive)
- ④  **Proteus Pro-Therm Insulation** (as per specification)
- ⑤  **Proteus Pro-Therm Non-Combustible Angle Fillet** and **Pro-Bond Foaming** (adhesive)
- ⑥  **Proteus Pro-Felt® Endura-Flex SA Underlay** and **Pro-Prime® SA** (self-adhesive | Safe2Torch)
- ⑥  **Proteus Pro-Felt® Endura-Flex Underlay** and **Pro-Prime® Bitumen** (torch-on)
- ⑦  **Proteus Pro-Felt® Endura-Flex SA Capsheet** and **Pro-Prime® SA** (self-adhesive | Safe2Torch)
- ⑦  **Proteus Pro-Felt® Endura-Flex Capsheet** and **Pro-Prime® Bitumen** (torch-on)
- ⑧  **Pro-Membrane Adhesive**
- ⑨  **Proteus Pro-Felt® Endura-Flex AIRdhesive**

#### Lap Dimensions

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

All laps to be heat welded

#### Proteus Waterproofing Ltd.

21a Sirdar Road,  
Brook Road Industrial Estate,  
Rayleigh, Essex, SS6 7XF

Tel: +44 (0)1268 777871

W: [www.proteuswaterproofing.co.uk](http://www.proteuswaterproofing.co.uk)

E: [office@proteuswaterproofing.co.uk](mailto:office@proteuswaterproofing.co.uk)

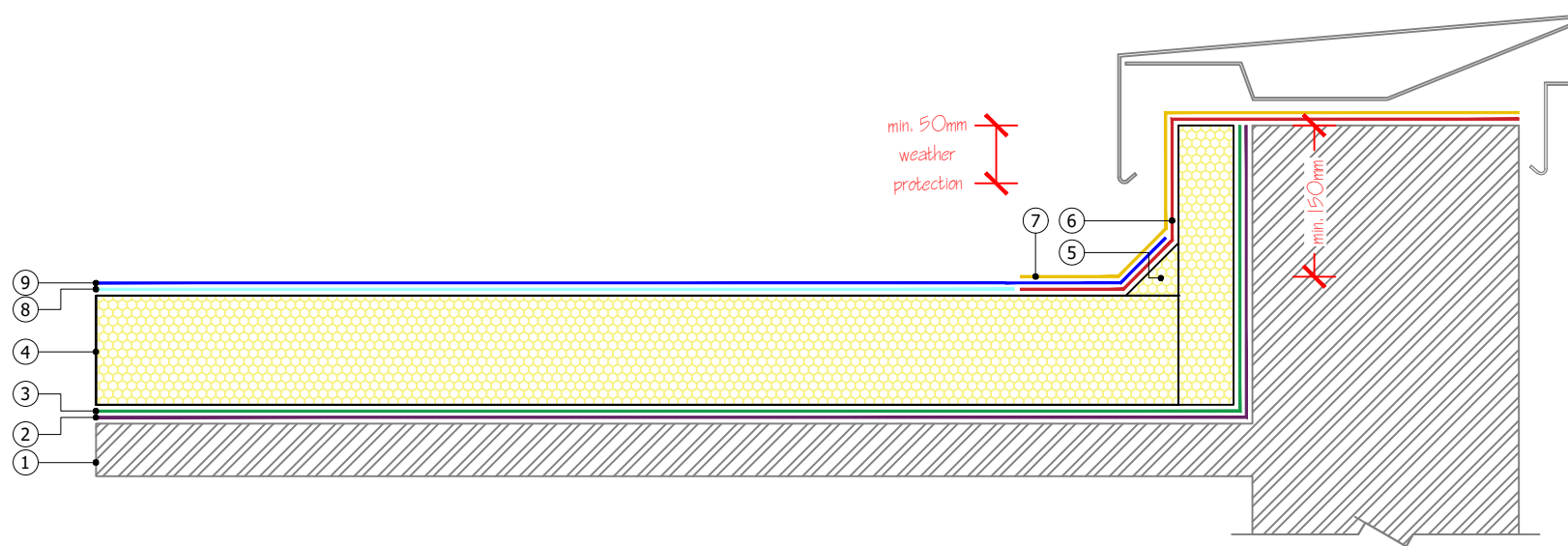
All components are to be prepared  
and installed in strict accordance with  
**Proteus Project Specification**

#### Notes :

This drawing is solely intended to illustrate the correct application of Proteus Waterproofing Ltd's products and systems. All other elements bearing reference to structural and/or thermal design within the detail are shown indicatively and should not be used in whole or part for any aspect of project design without consulting the relevant authorities.

For refurbishment projects, all aspects of the existing roof are deemed to be fully compliant with BS 6229 (Code of practice for flat roofs with continuously supported coverings) or improved upon for instances where these standards are not met.

© This drawing is the copyright of Proteus Waterproofing Ltd.



Drawing No.:

SD\_PFAIRFX\_BUR\_ADHERED\_05

Roof Type:

BUR

Description:

Insulated Parapet - Capping

Scale:

NTS

Drawn:

W.Harding












Date:

18/06/2025

Proteus Pro-Felt® AIRdhesive



**Proteus**  
WATERPROOFING

- ①  Substrate
- ②  **Pro-Vapour Control/Carrier Membrane SA** and **Pro-Prime® SA** (timber substrate | self-adhesive | Safe2Torch)
- ③  **Pro-Bond Foaming** (adhesive)
- ④  **Proteus Pro-Therm Insulation** (as per specification)
- ⑤  **Proteus Pro-Therm Non-Combustible Angle Fillet** and **Pro-Bond Foaming** (adhesive)
- ⑥  **Proteus Pro-Felt® Endura-Flex SA Underlay** and **Pro-Prime® SA** (self-adhesive | Safe2Torch)
- ⑥  **Proteus Pro-Felt® Endura-Flex Underlay** and **Pro-Prime® Bitumen** (torch-on)
- ⑦  **Proteus Pro-Felt® Endura-Flex SA Capsheet** and **Pro-Prime® SA** (self-adhesive | Safe2Torch)
- ⑦  **Proteus Pro-Felt® Endura-Flex Capsheet** and **Pro-Prime® Bitumen** (torch-on)
- ⑧  **Pro-Membrane Adhesive**
- ⑨  **Proteus Pro-Felt® Endura-Flex AIRdhesive**

#### Lap Dimensions

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

All laps to be heat welded

#### Proteus Waterproofing Ltd.

21a Sirdar Road,  
Brook Road Industrial Estate,  
Rayleigh, Essex, SS6 7XF

Tel: +44 (0)1268 777871

W: [www.proteuswaterproofing.co.uk](http://www.proteuswaterproofing.co.uk)

E: [office@proteuswaterproofing.co.uk](mailto:office@proteuswaterproofing.co.uk)

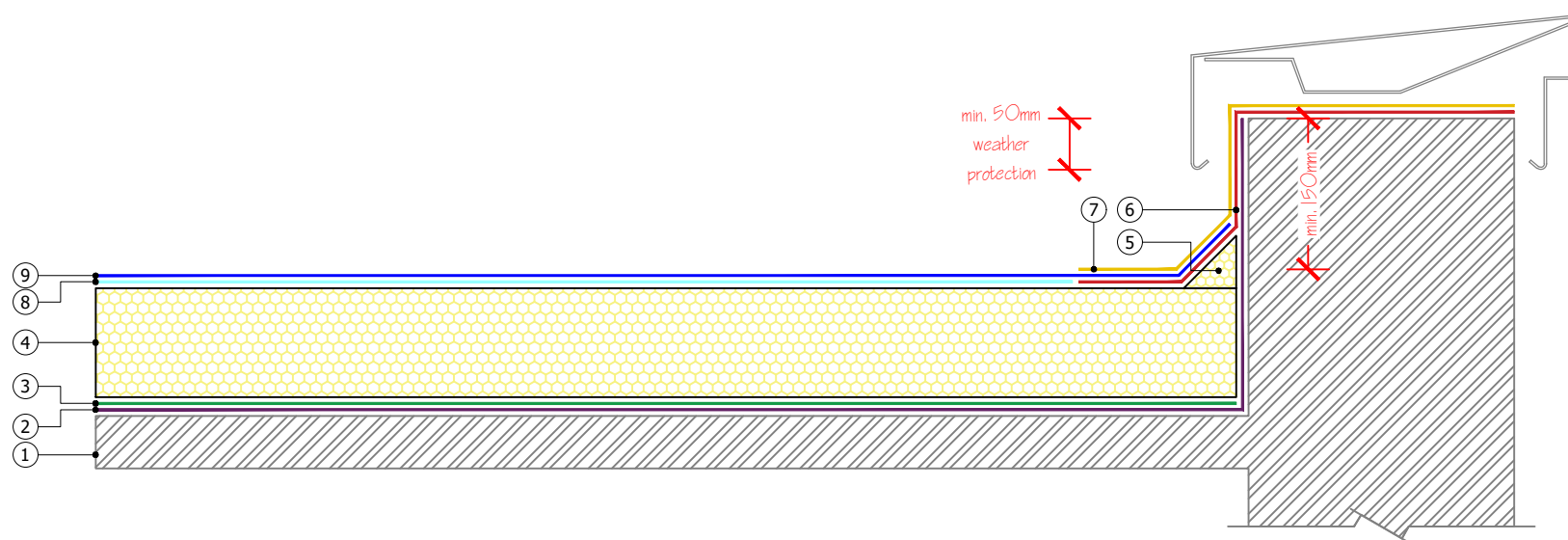
All components are to be prepared  
and installed in strict accordance with  
**Proteus Project Specification**

#### Notes :

This drawing is solely intended to illustrate the correct application of Proteus Waterproofing Ltd's products and systems. All other elements bearing reference to structural and/or thermal design within the detail are shown indicatively and should not be used in whole or part for any aspect of project design without consulting the relevant authorities.

For refurbishment projects, all aspects of the existing roof are deemed to be fully compliant with BS 6229 (Code of practice for flat roofs with continuously supported coverings) or improved upon for instances where these standards are not met.

© This drawing is the copyright of Proteus Waterproofing Ltd.



Drawing No.:

SD\_PFAIRFX\_BUR\_ADHERED\_06

Roof Type:

BUR

Description:

Parapet - Capping

Scale:

NTS

Drawn:

W.Harding

Date:













18/06/2025

Proteus Pro-Felt® AIRdhesive



**Proteus**  
WATERPROOFING



- ①  Substrate
- ②  **Pro-Vapour Control/Carrier Membrane SA** and **Pro-Prime® SA** (timber substrate | self-adhesive | Safe2Torch)
- ③  **Pro-Bond Foaming** (adhesive)
- ④  **Proteus Pro-Therm Insulation** (as per specification)
- ⑤  **Proteus Pro-Therm Non-Combustible Angle Fillet** and **Pro-Bond Foaming** (adhesive)
- ⑥  **Proteus Pro-Felt® Endura-Flex SA Underlay** and **Pro-Prime® SA** (self-adhesive | Safe2Torch)
- ⑥  **Proteus Pro-Felt® Endura-Flex Underlay** and **Pro-Prime® Bitumen** (torch-on)
- ⑦  **Proteus Pro-Felt® Endura-Flex SA Capsheet** and **Pro-Prime® SA** (self-adhesive | Safe2Torch)
- ⑦  **Proteus Pro-Felt® Endura-Flex Capsheet** and **Pro-Prime® Bitumen** (torch-on)
- ⑧  **GRP Trim** (mechanically fixed)
- ⑨  **Pro-Membrane Adhesive**
- ⑩  **Proteus Pro-Felt® Endura-Flex AIRdhesive**

#### Lap Dimensions

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

All laps to be heat welded

#### Proteus Waterproofing Ltd.

21a Sirdar Road,  
Brook Road Industrial Estate,  
Rayleigh, Essex, SS6 7XF

Tel: +44 (0)1268 777871

W: [www.proteuswaterproofing.co.uk](http://www.proteuswaterproofing.co.uk)

E: [office@proteuswaterproofing.co.uk](mailto:office@proteuswaterproofing.co.uk)

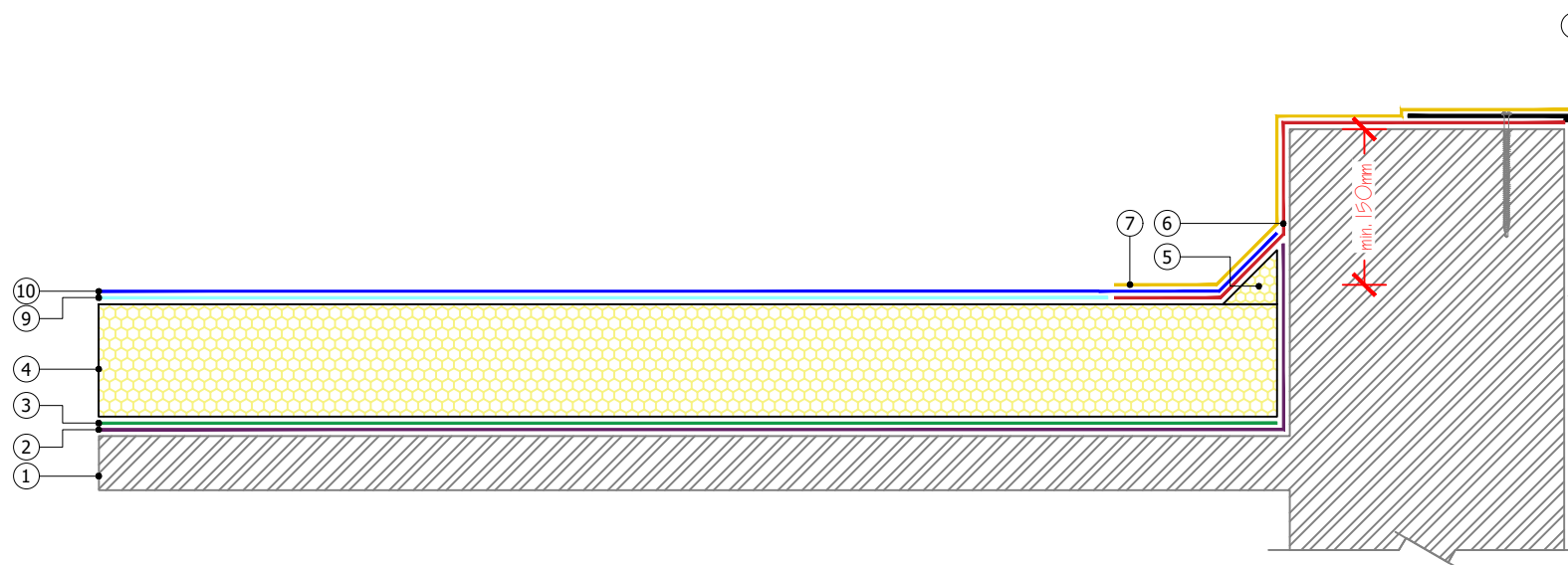
All components are to be prepared  
and installed in strict accordance with  
**Proteus Project Specification**

#### Notes :

This drawing is solely intended to illustrate the correct application of Proteus Waterproofing Ltd's products and systems. All other elements bearing reference to structural and/or thermal design within the detail are shown indicatively and should not be used in whole or part for any aspect of project design without consulting the relevant authorities.

For refurbishment projects, all aspects of the existing roof are deemed to be fully compliant with BS 6229 (Code of practice for flat roofs with continuously supported coverings) or improved upon for instances where these standards are not met.












© This drawing is the copyright of Proteus Waterproofing Ltd.



Drawing No.: <b>SD_PFAIRFX_BUR_ADHERED_07</b>		Roof Type: <b>BUR</b>
Description: <b>Parapet - GRP Trim</b>		
Scale: <b>NTS</b>	Drawn: <b>W.Harding</b>	Date: <b>18/06/2025</b>

Proteus Pro-Felt® AIRdhesive



- ①  Substrate
- ②  **Pro-Vapour Control/Carrier Membrane SA** and **Pro-Prime® SA** (timber substrate | self-adhesive | Safe2Torch)
- ③  **Pro-Bond Foaming** (adhesive)
- ④  **Proteus Pro-Therm Insulation** (as per specification)
- ⑤  **Proteus Pro-Therm Non-Combustible Angle Fillet** and **Pro-Bond Foaming** (adhesive)
- ⑥  **Proteus Pro-Felt® Endura-Flex SA Underlay** and **Pro-Prime® SA** (self-adhesive | Safe2Torch)
- ⑥  **Proteus Pro-Felt® Endura-Flex Underlay** and **Pro-Prime® Bitumen** (torch-on)
- ⑦  **Proteus Pro-Felt® Endura-Flex SA Capsheet** and **Pro-Prime® SA** (self-adhesive | Safe2Torch)
- ⑦  **Proteus Pro-Felt® Endura-Flex Capsheet** and **Pro-Prime® Bitumen** (torch-on)
- ⑧  **Pro-Membrane Adhesive**
- ⑨  **Proteus Pro-Felt® Endura-Flex AIRdhesive**
- ⑩  **Proteus Sealant**

#### Lap Dimensions

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

All laps to be heat welded

#### Proteus Waterproofing Ltd.

21a Sirdar Road,  
Brook Road Industrial Estate,  
Rayleigh, Essex, SS6 7XF

Tel: +44 (0)1268 777871

W: [www.proteuswaterproofing.co.uk](http://www.proteuswaterproofing.co.uk)

E: [office@proteuswaterproofing.co.uk](mailto:office@proteuswaterproofing.co.uk)

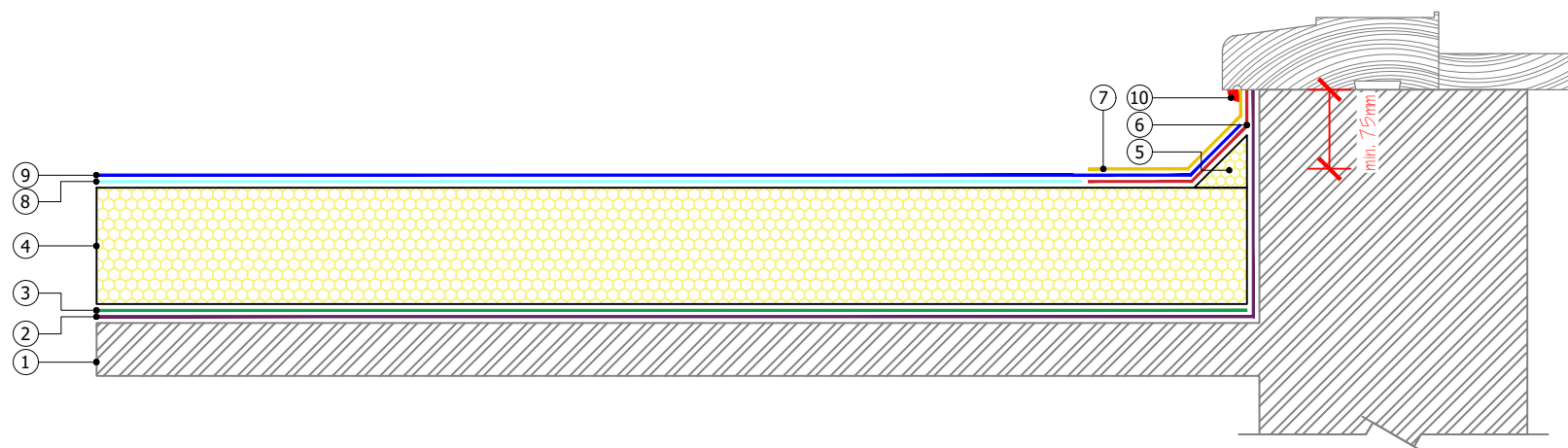
All components are to be prepared  
and installed in strict accordance with  
**Proteus Project Specification**

#### Notes :

This drawing is solely intended to illustrate the correct application of Proteus Waterproofing Ltd's products and systems. All other elements bearing reference to structural and/or thermal design within the detail are shown indicatively and should not be used in whole or part for any aspect of project design without consulting the relevant authorities.

For refurbishment projects, all aspects of the existing roof are deemed to be fully compliant with BS 6229 (Code of practice for flat roofs with continuously supported coverings) or improved upon for instances where these standards are not met.

© This drawing is the copyright of Proteus Waterproofing Ltd.















Drawing No.: <b>SD_PFAIRFX_BUR_ADHERED_08</b>		Roof Type: <b>BUR</b>
Description: <b>Threshold (Existing) - Sealant</b>		
Scale: <b>NTS</b>	Drawn: <b>W.Harding</b>	Date: <b>18/06/2025</b>

Proteus Pro-Felt® AIRdhesive





- ①  Substrate
- ②  **Pro-Vapour Control/Carrier Membrane SA** and **Pro-Prime® SA** (timber substrate | self-adhesive | Safe2Torch)
- ③  **Pro-Bond Foaming** (adhesive)
- ④  **Proteus Pro-Therm Insulation** (as per specification)
- ⑤  **Proteus Pro-Therm Non-Combustible Angle Fillet** and **Pro-Bond Foaming** (adhesive)
- ⑥  **Proteus Pro-Felt® Endura-Flex SA Underlay** and **Pro-Prime® SA** (self-adhesive | Safe2Torch)
- ⑥  **Proteus Pro-Felt® Endura-Flex Underlay** and **Pro-Prime® Bitumen** (torch-on)
- ⑦  **Proteus Pro-Felt® Endura-Flex SA Capsheet** and **Pro-Prime® SA** (self-adhesive | Safe2Torch)
- ⑦  **Proteus Pro-Felt® Endura-Flex Capsheet** and **Pro-Prime® Bitumen** (torch-on)
- ⑧  **Pro-Membrane Adhesive**
- ⑨  **Proteus Pro-Felt® Endura-Flex AIRdhesive**
- ⑩  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.

21a Sirdar Road,  
Brook Road Industrial Estate,  
Rayleigh, Essex, SS6 7XF

Tel: +44 (0)1268 777871

W: [www.proteuswaterproofing.co.uk](http://www.proteuswaterproofing.co.uk)

E: [office@proteuswaterproofing.co.uk](mailto:office@proteuswaterproofing.co.uk)

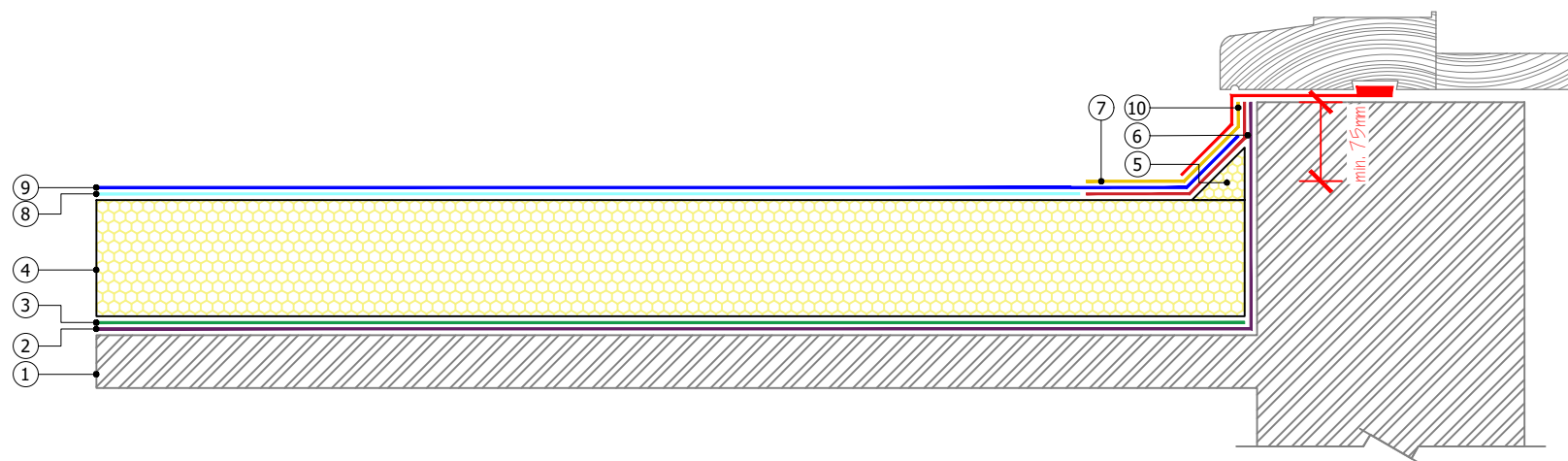
All components are to be prepared  
and installed in strict accordance with  
**Proteus Project Specification**

#### Notes :

This drawing is solely intended to illustrate the correct application of Proteus Waterproofing Ltd's products and systems. All other elements bearing reference to structural and/or thermal design within the detail are shown indicatively and should not be used in whole or part for any aspect of project design without consulting the relevant authorities.

For refurbishment projects, all aspects of the existing roof are deemed to be fully compliant with BS 6229 (Code of practice for flat roofs with continuously supported coverings) or improved upon for instances where these standards are not met.












© This drawing is the copyright of Proteus Waterproofing Ltd.



Drawing No.: <b>SD_PFAIRFX_BUR_ADHERED_09</b>		Roof Type: <b>BUR</b>
Description: <b>Threshold (New) - EPDM</b>		
Scale: <b>NTS</b>	Drawn: <b>W.Harding</b>	Date: <b>18/06/2025</b>

Proteus Pro-Felt® AIRdhesive



- ①  Substrate
- ②  **Pro-Vapour Control/Carrier Membrane SA and Pro-Prime® SA** (timber substrate | self-adhesive | Safe2Torch)
- ③  **Pro-Bond Foaming** (adhesive)
- ④  **Proteus Pro-Therm Insulation** (as per specification)
- ⑤  **Proteus Pro-Felt® Endura-Flex SA Underlay and Pro-Prime® SA** (self-adhesive | Safe2Torch)
- ⑤  **Proteus Pro-Felt® Endura-Flex Underlay and Pro-Prime® Bitumen** (torch-on)
- ⑥  **Proteus Pro-Felt® Endura-Flex SA Capsheet and Pro-Prime® SA** (self-adhesive | Safe2Torch)
- ⑥  **Proteus Pro-Felt® Endura-Flex Capsheet and Pro-Prime® Bitumen** (torch-on)
- ⑦  **Pro-Membrane Adhesive**
- ⑧  **Proteus Pro-Felt® Endura-Flex AIRdhesive**
- ⑨  Jubilee Clip (by others)

#### Lap Dimensions

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

All laps to be heat welded

#### Proteus Waterproofing Ltd.

21a Sirdar Road,  
Brook Road Industrial Estate,  
Rayleigh, Essex, SS6 7XF

Tel: +44 (0)1268 777871

W: [www.proteuswaterproofing.co.uk](http://www.proteuswaterproofing.co.uk)

E: [office@proteuswaterproofing.co.uk](mailto:office@proteuswaterproofing.co.uk)

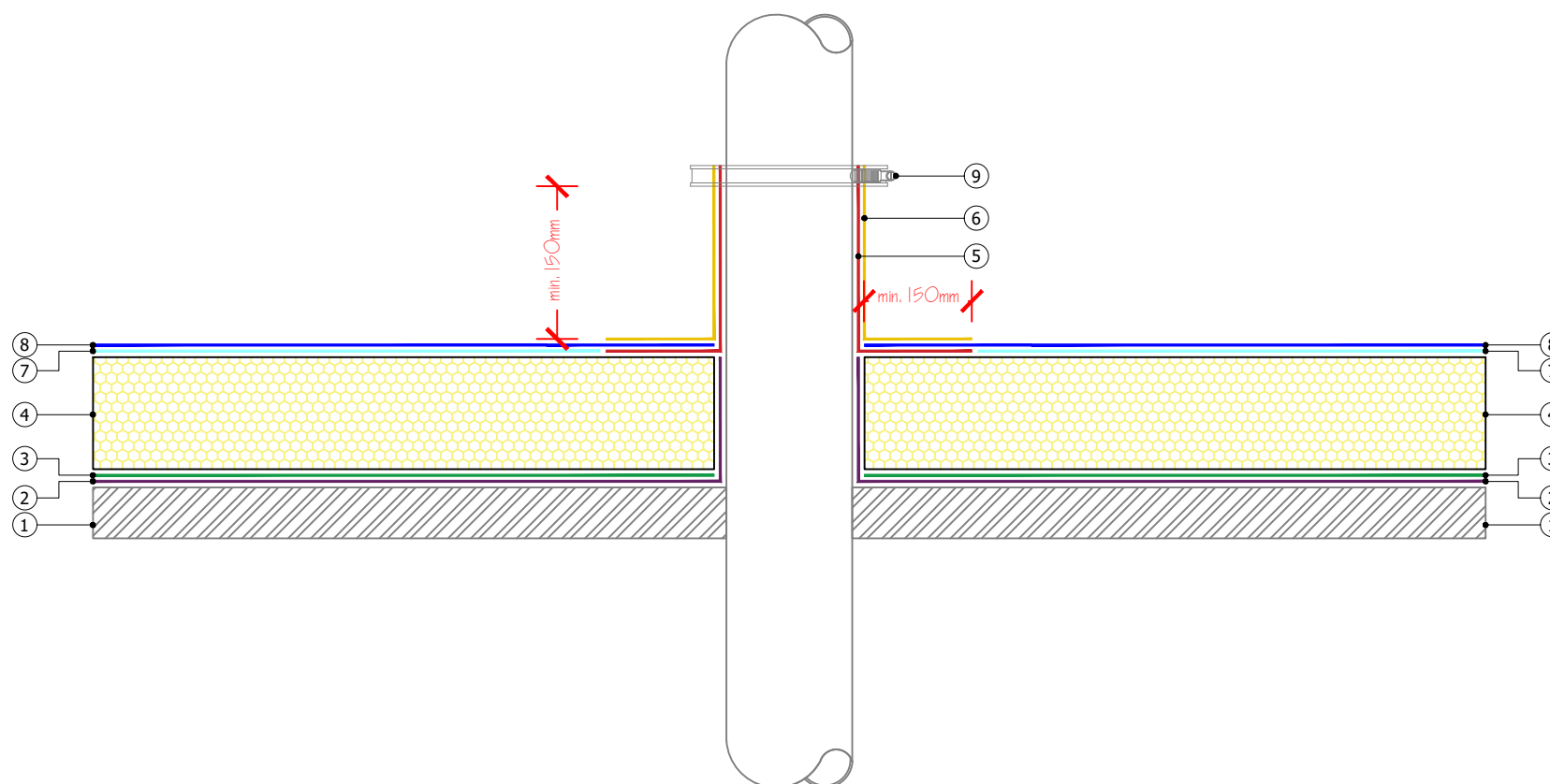
All components are to be prepared  
and installed in strict accordance with  
**Proteus Project Specification**

#### Notes :

This drawing is solely intended to illustrate the correct application of Proteus Waterproofing Ltd's products and systems. All other elements bearing reference to structural and/or thermal design within the detail are shown indicatively and should not be used in whole or part for any aspect of project design without consulting the relevant authorities.

For refurbishment projects, all aspects of the existing roof are deemed to be fully compliant with BS 6229 (Code of practice for flat roofs with continuously supported coverings) or improved upon for instances where these standards are not met.














© This drawing is the copyright of Proteus Waterproofing Ltd.



Drawing No.:		Roof Type:
SD_PFAIRFX_BUR_ADHERED_10		BUR
Description:		
Cold Pipe Penetration		
Scale:	Drawn:	Date:
NTS	W.Harding	18/06/2025

Proteus Pro-Felt® AIRdhesive

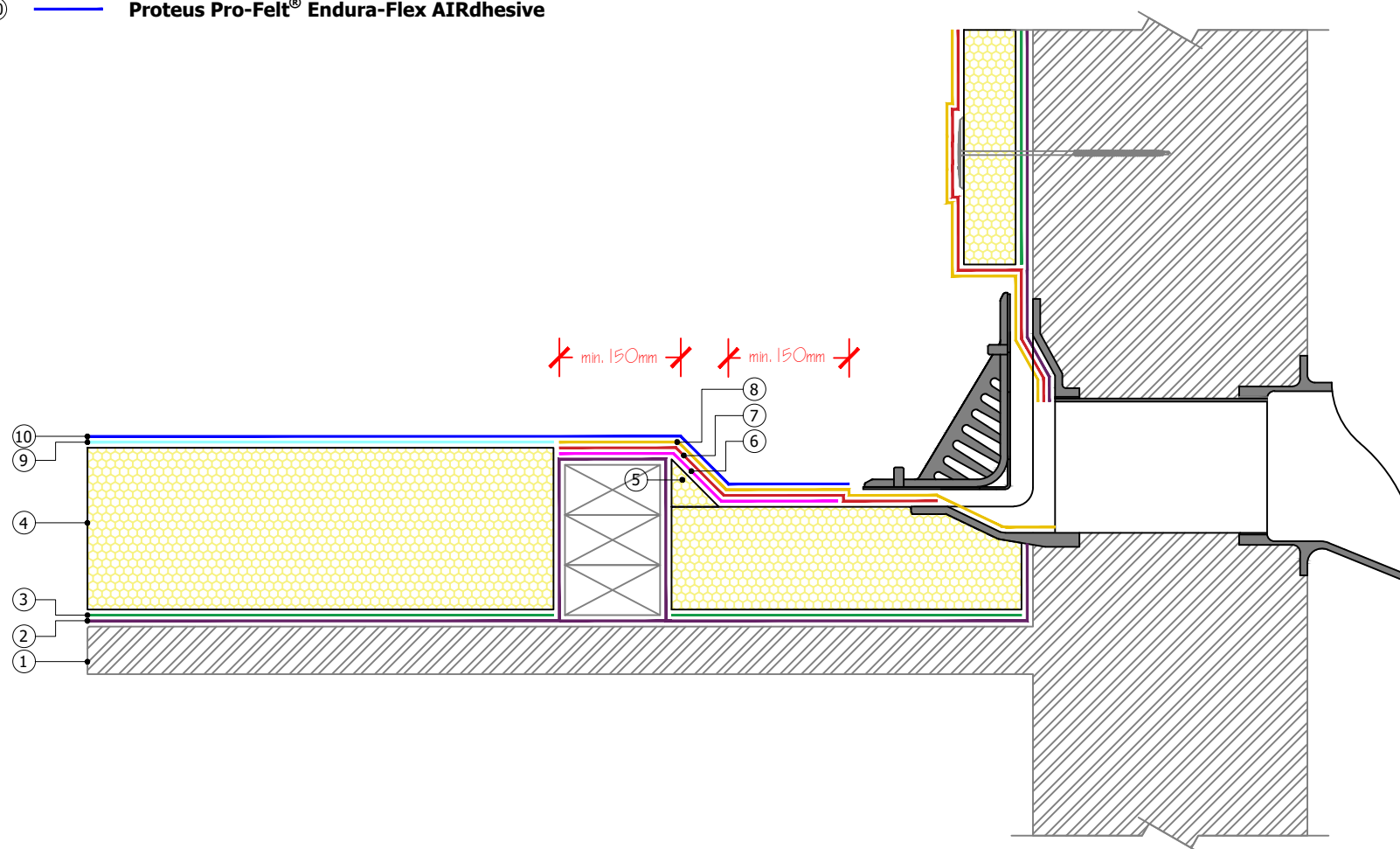


- ①  Substrate
- ②  **Pro-Vapour Control/Carrier Membrane SA and Pro-Prime® SA** (timber substrate | self-adhesive | Safe2Torch)
- ③  **Pro-Bond Foaming** (adhesive)
- ④  **Proteus Pro-Therm Insulation** (as per specification)
- ⑤  **Proteus Pro-Therm Non-Combustible Angle Fillet** and **Pro-Bond Foaming** (adhesive)
- ⑥  **Proteus Pro-Felt® Endura-Flex SA Underlay and Pro-Prime® SA** (self-adhesive | Safe2Torch)
- ⑦  **Proteus Pro-Felt® Endura-Flex Underlay and Pro-Prime® Bitumen** (torch-on)
- ⑦  **Proteus Pro-Felt® Endura-Flex SA Underlay and Pro-Prime® SA** (self-adhesive | Safe2Torch)
- ⑦  **Proteus Pro-Felt® Endura-Flex Underlay and Pro-Prime® Bitumen** (torch-on)
- ⑧  **Proteus Pro-Felt® Endura-Flex SA Capsheet and Pro-Prime® SA** (self-adhesive | Safe2Torch)
- ⑧  **Proteus Pro-Felt® Endura-Flex Capsheet and Pro-Prime® Bitumen** (torch-on)
- ⑨  **Pro-Membrane Adhesive**
- ⑩  **Proteus Pro-Felt® Endura-Flex AIRdhesive**

#### Lap Dimensions

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

All laps to be heat welded



#### Proteus Waterproofing Ltd.

21a Sirdar Road,  
Brook Road Industrial Estate,  
Rayleigh, Essex, SS6 7XF

Tel: +44 (0)1268 777871

W: [www.proteuswaterproofing.co.uk](http://www.proteuswaterproofing.co.uk)

E: [office@proteuswaterproofing.co.uk](mailto:office@proteuswaterproofing.co.uk)

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

#### Notes :

This drawing is solely intended to illustrate the correct application of Proteus Waterproofing Ltd's products and systems. All other elements bearing reference to structural and/or thermal design within the detail are shown indicatively and should not be used in whole or part for any aspect of project design without consulting the relevant authorities.

For refurbishment projects, all aspects of the existing roof are deemed to be fully compliant with BS 6229 (Code of practice for flat roofs with continuously supported coverings) or improved upon for instances where these standards are not met.

© This drawing is the copyright of Proteus Waterproofing Ltd.

Drawing No.:

SD\_PFAIRFX\_BUR\_ADHERED\_11

Roof Type:

BUR

Description:

Insulated Parapet Gutter

Scale:

NTS

Drawn:

W.Harding














Date:

18/06/2025

Proteus Pro-Felt® AIRdhesive



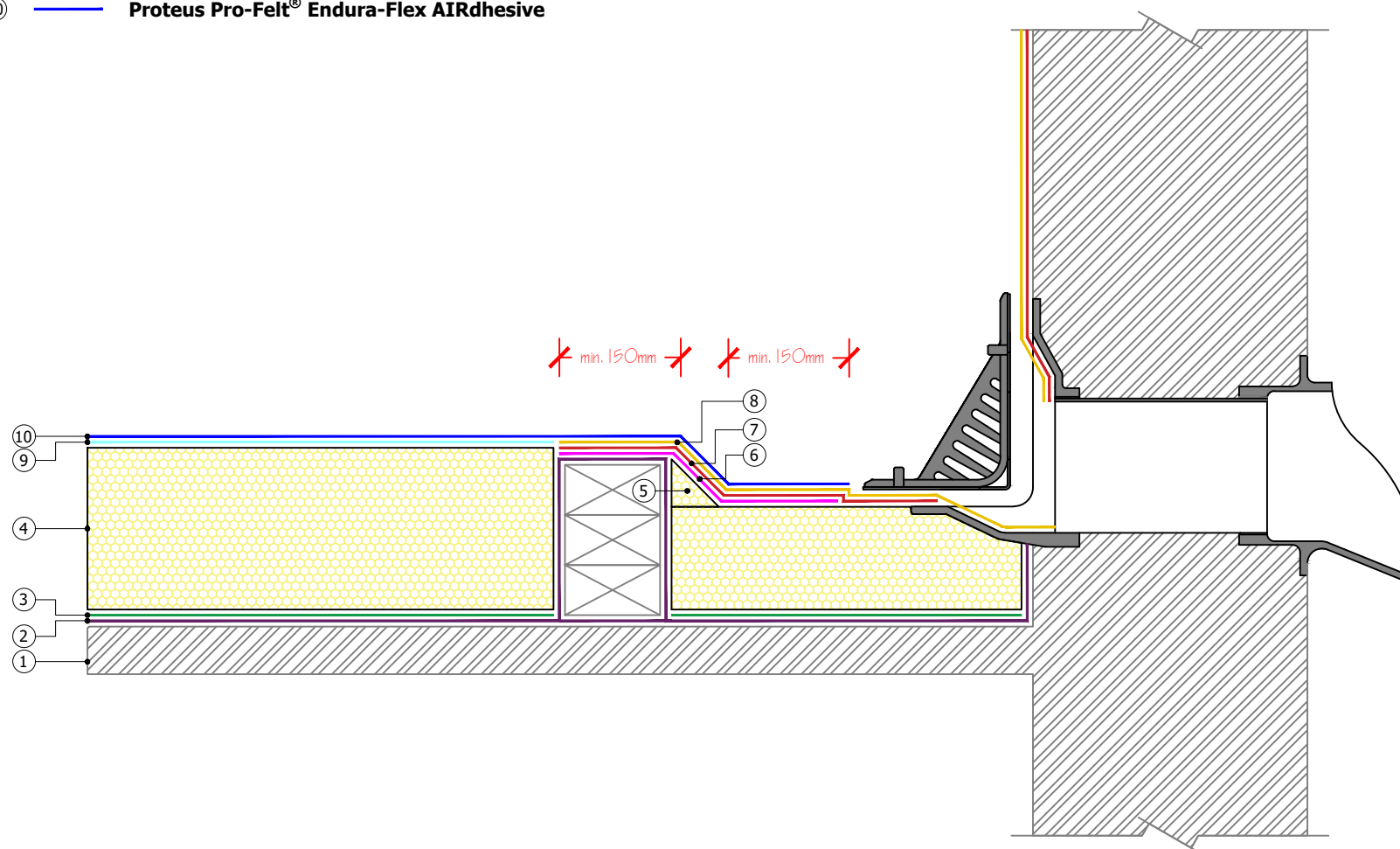
**Proteus**  
WATERPROOFING

- ①  Substrate
- ②  **Pro-Vapour Control/Carrier Membrane SA and Pro-Prime® SA** (timber substrate | self-adhesive | Safe2Torch)
- ③  **Pro-Bond Foaming** (adhesive)
- ④  **Proteus Pro-Therm Insulation** (as per specification)
- ⑤  **Proteus Pro-Therm Non-Combustible Angle Fillet and Pro-Bond Foaming** (adhesive)
- ⑥  **Proteus Pro-Felt® Endura-Flex SA Underlay and Pro-Prime® SA** (25+ year systems only | self-adhesive | Safe2Torch)
- ⑦  **Proteus Pro-Felt® Endura-Flex Underlay and Pro-Prime® Bitumen** (25+ year systems only | torch-on)
- ⑦  **Proteus Pro-Felt® Endura-Flex SA Underlay and Pro-Prime® SA** (self-adhesive | Safe2Torch)
- ⑦  **Proteus Pro-Felt® Endura-Flex Underlay and Pro-Prime® Bitumen** (torch-on)
- ⑧  **Proteus Pro-Felt® Endura-Flex SA Capsheet and Pro-Prime® SA** (self-adhesive | Safe2Torch)
- ⑧  **Proteus Pro-Felt® Endura-Flex Capsheet and Pro-Prime® Bitumen** (torch-on)
- ⑨  **Pro-Membrane Adhesive**
- ⑩  **Proteus Pro-Felt® Endura-Flex AIRdhesive**

#### Lap Dimensions

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

All laps to be heat welded



#### Proteus Waterproofing Ltd.

21a Sirdar Road,  
Brook Road Industrial Estate,  
Rayleigh, Essex, SS6 7XF

Tel: +44 (0)1268 777871

W: [www.proteuswaterproofing.co.uk](http://www.proteuswaterproofing.co.uk)

E: [office@proteuswaterproofing.co.uk](mailto:office@proteuswaterproofing.co.uk)

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

#### Notes :

This drawing is solely intended to illustrate the correct application of Proteus Waterproofing Ltd's products and systems. All other elements bearing reference to structural and/or thermal design within the detail are shown indicatively and should not be used in whole or part for any aspect of project design without consulting the relevant authorities.

For refurbishment projects, all aspects of the existing roof are deemed to be fully compliant with BS 6229 (Code of practice for flat roofs with continuously supported coverings) or improved upon for instances where these standards are not met.

© This drawing is the copyright of Proteus Waterproofing Ltd.

Drawing No.:

SD\_PFAIRFX\_BUR\_ADHERED\_12

Roof Type:

BUR

Description:

Uninsulated Parapet Outlet

Scale:

NTS

Drawn:

W.Harding













Date:

18/06/2025

Proteus Pro-Felt® AIRdhesive



**Proteus**  
WATERPROOFING

- ①  Substrate
- ②  **Pro-Vapour Control/Carrier Membrane SA** and **Pro-Prime® SA** (timber substrate | self-adhesive | Safe2Torch)
- ③  **Pro-Bond Foaming** (adhesive)
- ④  **Proteus Pro-Therm Insulation** (as per specification)
- ⑤  **Proteus Pro-Therm Non-Combustible Angle Fillet** and **Pro-Bond Foaming** (adhesive)
- ⑥  Metal angle (by others) and **Pro-Bond Foaming** (adhesive)
- ⑦  **Proteus Pro-Felt® Endura-Flex SA Underlay** and **Pro-Prime® SA** (self-adhesive | Safe2Torch)
- ⑦  **Proteus Pro-Felt® Endura-Flex Underlay** and **Pro-Prime® Bitumen** (torch-on)
- ⑧  **Proteus Pro-Felt® Endura-Flex SA Capsheet** and **Pro-Prime® SA** (self-adhesive | Safe2Torch)
- ⑧  **Proteus Pro-Felt® Endura-Flex Capsheet** and **Pro-Prime® Bitumen** (torch-on)
- ⑨  **Pro-Membrane Adhesive**
- ⑩  **Proteus Pro-Felt® Endura-Flex AIRdhesive**

#### Lap Dimensions

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

All laps to be heat welded

#### Proteus Waterproofing Ltd.

21a Sirdar Road,  
Brook Road Industrial Estate,  
Rayleigh, Essex, SS6 7XF

Tel: +44 (0)1268 777871

W: [www.proteuswaterproofing.co.uk](http://www.proteuswaterproofing.co.uk)

E: [office@proteuswaterproofing.co.uk](mailto:office@proteuswaterproofing.co.uk)

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

#### Notes :

This drawing is solely intended to illustrate the correct application of Proteus Waterproofing Ltd's products and systems. All other elements bearing reference to structural and/or thermal design within the detail are shown indicatively and should not be used in whole or part for any aspect of project design without consulting the relevant authorities.

For refurbishment projects, all aspects of the existing roof are deemed to be fully compliant with BS 6229 (Code of practice for flat roofs with continuously supported coverings) or improved upon for instances where these standards are not met.

© This drawing is the copyright of Proteus Waterproofing Ltd.

Drawing No.:

SD\_PFAIRFX\_BUR\_ADHERED\_13

Roof Type:

BUR

Description:

Roof Transition

Scale:

NTS

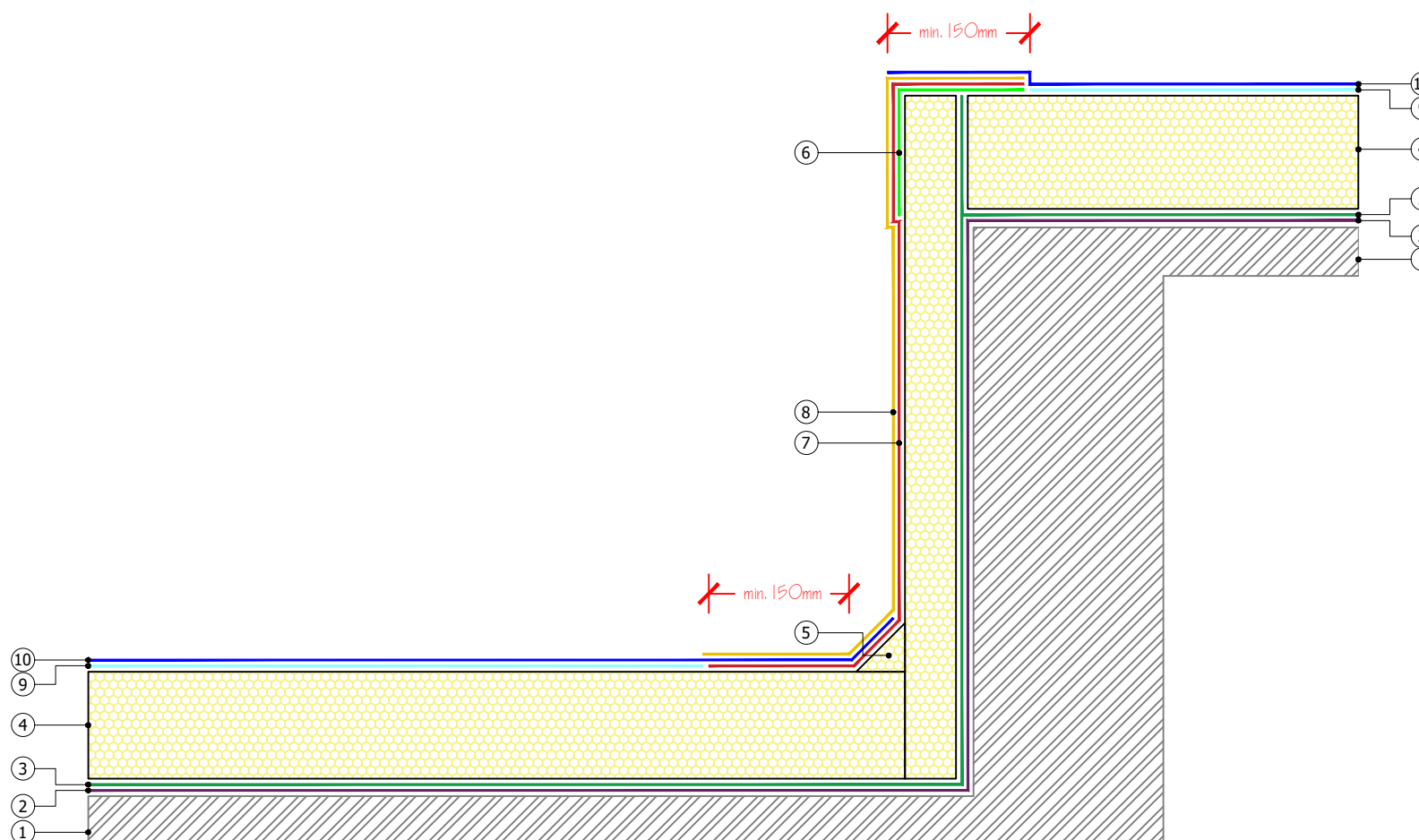
Drawn:














W.Harding

Date:

18/06/2025

Proteus Pro-Felt® AIRdhesive



- ①  Substrate
- ②  Non-combustible Insulation (by others)
- ③  Metal angle (by others)
- ④  **Pro-Vapour Control/Carrier Membrane SA and Pro-Prime® SA** (timber substrate | self-adhesive | Safe2Torch)
- ⑤  **Pro-Bond Foaming** (adhesive)
- ⑥  **Proteus Pro-Therm Insulation** (as per specification)
- ⑦  **Proteus Pro-Felt® Endura-Flex SA Underlay and Pro-Prime® SA** (self-adhesive | Safe2Torch)
- ⑦  **Proteus Pro-Felt® Endura-Flex Underlay and Pro-Prime® Bitumen** (torch-on)
- ⑧  **Proteus Pro-Felt® Endura-Flex SA Capsheet and Pro-Prime® SA** (self-adhesive | Safe2Torch)
- ⑧  **Proteus Pro-Felt® Endura-Flex Capsheet and Pro-Prime® Bitumen** (torch-on)
- ⑨  **Pro-Membrane Adhesive**
- ⑩  **Proteus Pro-Felt® Endura-Flex AIRdhesive**
- ⑪  Jubilee Clip (by others)

#### Lap Dimensions

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

All laps to be heat welded

#### Proteus Waterproofing Ltd.

21a Sirdar Road,  
Brook Road Industrial Estate,  
Rayleigh, Essex, SS6 7XF

Tel: +44 (0)1268 777871

W: [www.proteuswaterproofing.co.uk](http://www.proteuswaterproofing.co.uk)

E: [office@proteuswaterproofing.co.uk](mailto:office@proteuswaterproofing.co.uk)

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

#### Notes :

This drawing is solely intended to illustrate the correct application of Proteus Waterproofing Ltd's products and systems. All other elements bearing reference to structural and/or thermal design within the detail are shown indicatively and should not be used in whole or part for any aspect of project design without consulting the relevant authorities.

For refurbishment projects, all aspects of the existing roof are deemed to be fully compliant with BS 6229 (Code of practice for flat roofs with continuously supported coverings) or improved upon for instances where these standards are not met.

© This drawing is the copyright of Proteus Waterproofing Ltd.

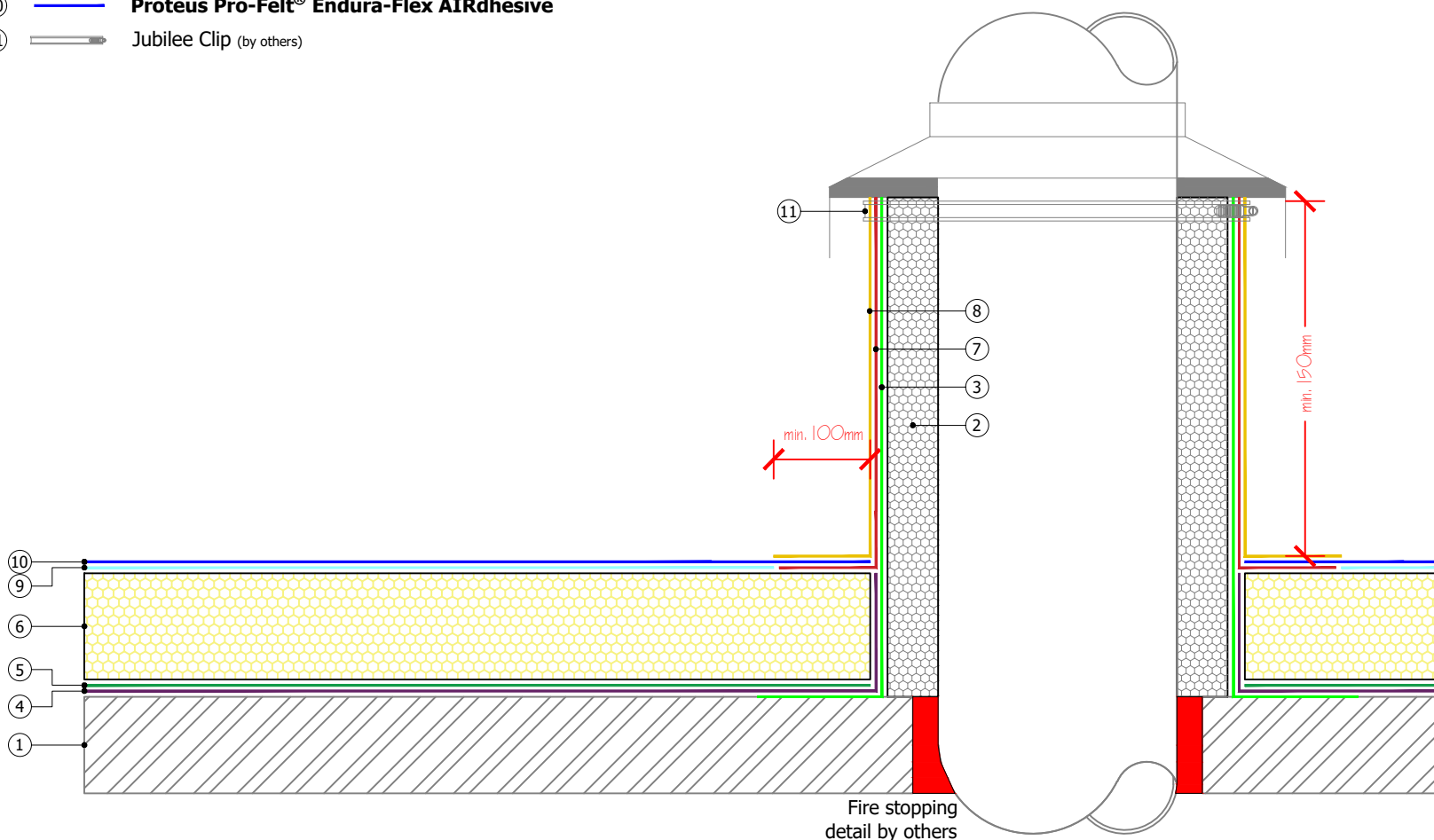
Drawing No.:	Roof Type:
<b>SD_PFAIR_BUR_ADHERED_15</b>	<b>BUR</b>

Description:









**Hot pipe penetration**

Scale:	Drawn:	Date:
<b>NTS</b>	<b>W.Harding</b>	<b>18/06/2025</b>

**Proteus Pro-Felt® AIRdhesive**





- ①  Substrate
- ②  **Pro-Vapour Control/Carrier Membrane SA** and **Pro-Prime® SA** (timber substrate | self-adhesive | Safe2Torch)
- ③  **Pro-Bond Foaming** (adhesive)
- ④  **Proteus Pro-Therm Insulation** (as per specification)
- ⑤  **Proteus Pro-Felt® Endura-Flex SA Capsheet** and **Pro-Prime® SA** (self-adhesive | Safe2Torch)
- ⑤  **Proteus Pro-Felt® Endura-Flex Capsheet** and **Pro-Prime® Bitumen** (torch-on)
- ⑥  **Pro-Membrane Adhesive**
- ⑦  **Proteus Pro-Felt® Endura-Flex AIRdhesive**

#### Lap Dimensions

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

All laps to be heat welded

#### Proteus Waterproofing Ltd.

21a Sirdar Road,  
Brook Road Industrial Estate,  
Rayleigh, Essex, SS6 7XF

Tel: +44 (0)1268 777871

W: [www.proteuswaterproofing.co.uk](http://www.proteuswaterproofing.co.uk)

E: [office@proteuswaterproofing.co.uk](mailto:office@proteuswaterproofing.co.uk)

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

#### Notes :

This drawing is solely intended to illustrate the correct application of Proteus Waterproofing Ltd's products and systems. All other elements bearing reference to structural and/or thermal design within the detail are shown indicatively and should not be used in whole or part for any aspect of project design without consulting the relevant authorities.

For refurbishment projects, all aspects of the existing roof are deemed to be fully compliant with BS 6229 (Code of practice for flat roofs with continuously supported coverings) or improved upon for instances where these standards are not met.

© This drawing is the copyright of Proteus Waterproofing Ltd.

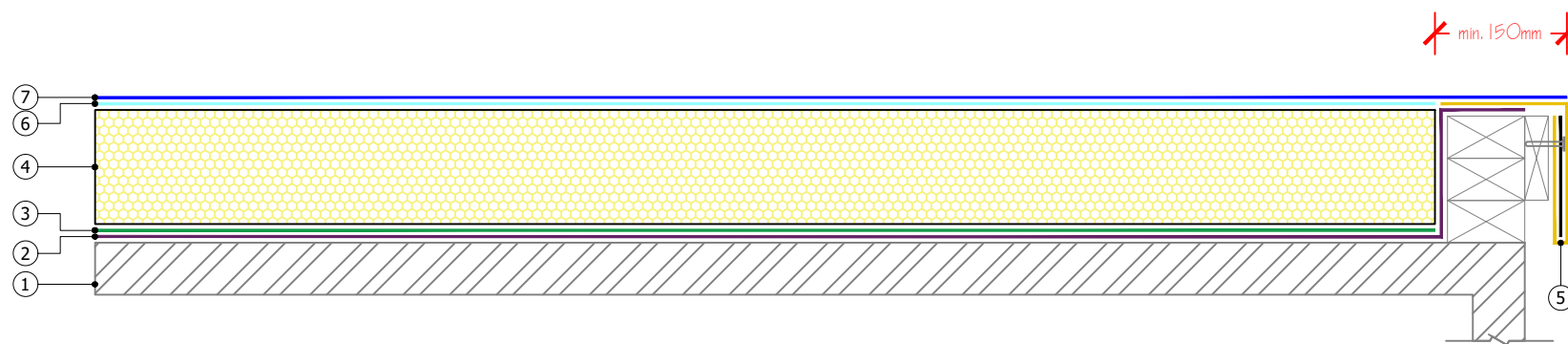
Drawing No.:	Roof Type:
<b>SD_PFAIR_BUR_ADHERED_16</b>	<b>BUR</b>











Description:

**Drip Edge for Lift Overrun**

Scale:	Drawn:	Date:
<b>NTS</b>	<b>W.Harding</b>	<b>18/06/2025</b>

**Proteus Pro-Felt® AIRdhesive**



- ①  Substrate
- ②  **Pro-Vapour Control/Carrier Membrane SA and Pro-Prime® SA** (timber substrate | self-adhesive | Safe2Torch)
- ③  **Pro-Bond Foaming** (adhesive)
- ④  **Proteus Pro-Therm Insulation** (as per specification)
- ⑤  **Proteus Pro-Felt® Endura-Flex SA Underlay and Pro-Prime® SA** (self-adhesive | Safe2Torch)
- ⑤  **Proteus Pro-Felt® Endura-Flex Underlay and Pro-Prime® Bitumen** (torch-on)
- ⑥  **Proteus Pro-Felt® Endura-Flex SA Capsheet and Pro-Prime® SA** (self-adhesive | Safe2Torch)
- ⑥  **Proteus Pro-Felt® Endura-Flex Capsheet and Pro-Prime® Bitumen** (torch-on)
- ⑦  **Pro-Membrane Adhesive**
- ⑧  **Proteus Pro-Felt® Endura-Flex AIRdhesive**

#### Lap Dimensions

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

All laps to be heat welded

#### Proteus Waterproofing Ltd.

21a Sirdar Road,  
Brook Road Industrial Estate,  
Rayleigh, Essex, SS6 7XF

Tel: +44 (0)1268 777871

W: [www.proteuswaterproofing.co.uk](http://www.proteuswaterproofing.co.uk)

E: [office@proteuswaterproofing.co.uk](mailto:office@proteuswaterproofing.co.uk)

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

#### Notes :

This drawing is solely intended to illustrate the correct application of Proteus Waterproofing Ltd's products and systems. All other elements bearing reference to structural and/or thermal design within the detail are shown indicatively and should not be used in whole or part for any aspect of project design without consulting the relevant authorities.

For refurbishment projects, all aspects of the existing roof are deemed to be fully compliant with BS 6229 (Code of practice for flat roofs with continuously supported coverings) or improved upon for instances where these standards are not met.

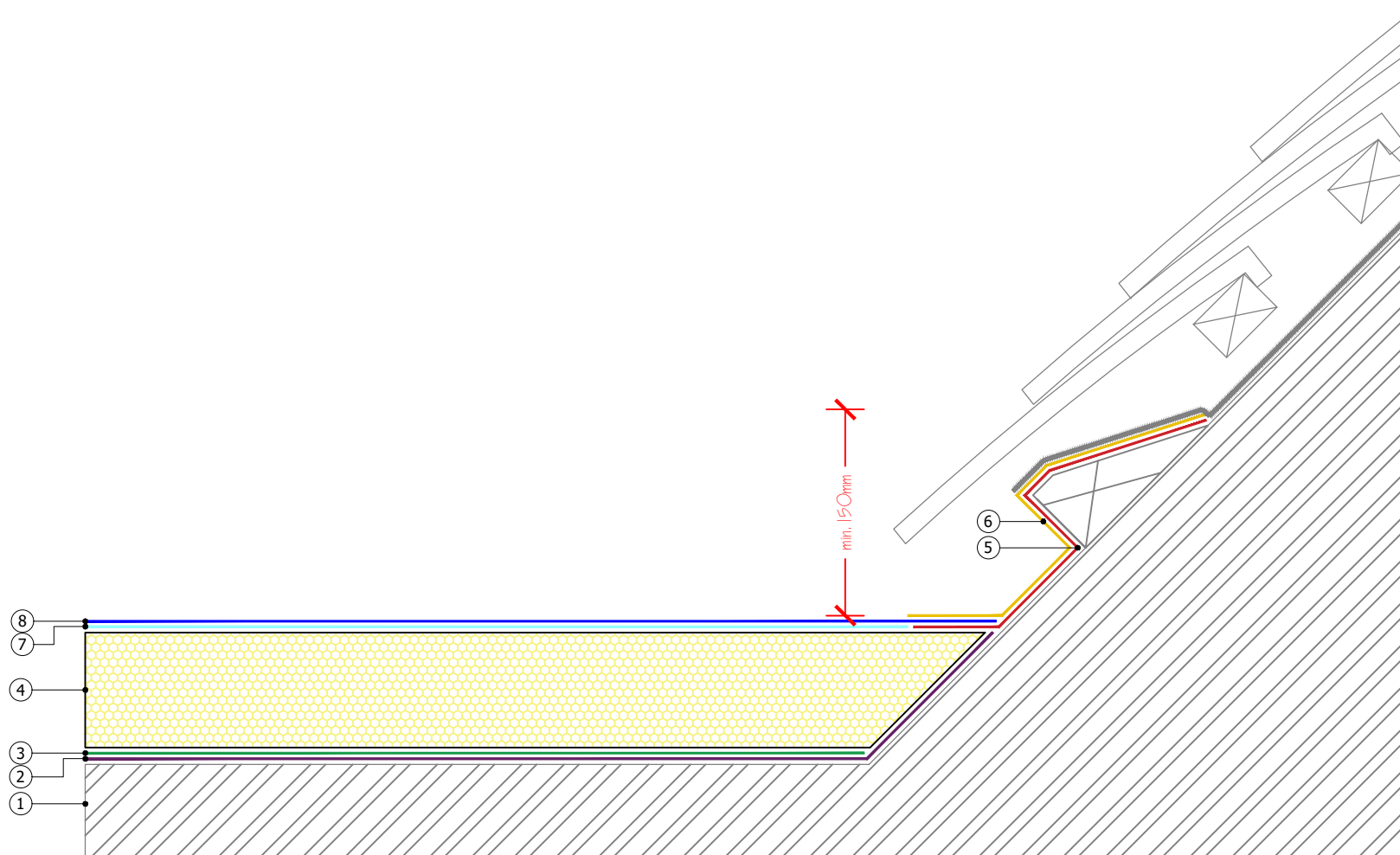
© This drawing is the copyright of Proteus Waterproofing Ltd.









Drawing No.:	Roof Type:
<b>SD_PFAIR_BUR_ADHERED_17</b>	<b>BUR</b>

Description:
<b>Upstand/Layboard to Pitched Roof</b>

Scale:	Drawn:	Date:
<b>NTS</b>	<b>W.Harding</b>	<b>18/06/2025</b>

Proteus Pro-Felt® AIRdhesive



- ①  Substrate
- ②  **Pro-Vapour Control/Carrier Membrane SA** and **Pro-Prime® SA** (timber substrate | self-adhesive | Safe2Torch)
- ③  **Pro-Bond Foaming** (adhesive)
- ④  **Proteus Pro-Therm Insulation** (as per specification)
- ⑤  **Proteus Pro-Felt® Endura-Flex SA Capsheet** and **Pro-Prime® SA** (self-adhesive | Safe2Torch)
- ⑤  **Proteus Pro-Felt® Endura-Flex Capsheet** and **Pro-Prime® Bitumen** (torch-on)
- ⑥  **Pro-Membrane Adhesive**
- ⑦  **Proteus Pro-Felt® Endura-Flex AIRdhesive**

#### Lap Dimensions

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

All laps to be heat welded

#### Proteus Waterproofing Ltd.

21a Sirdar Road,  
Brook Road Industrial Estate,  
Rayleigh, Essex, SS6 7XF

Tel: +44 (0)1268 777871

W: [www.proteuswaterproofing.co.uk](http://www.proteuswaterproofing.co.uk)

E: [office@proteuswaterproofing.co.uk](mailto:office@proteuswaterproofing.co.uk)

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

#### Notes :

This drawing is solely intended to illustrate the correct application of Proteus Waterproofing Ltd's products and systems. All other elements bearing reference to structural and/or thermal design within the detail are shown indicatively and should not be used in whole or part for any aspect of project design without consulting the relevant authorities.

For refurbishment projects, all aspects of the existing roof are deemed to be fully compliant with BS 6229 (Code of practice for flat roofs with continuously supported coverings) or improved upon for instances where these standards are not met.

© This drawing is the copyright of Proteus Waterproofing Ltd.

Drawing No.:

**SD\_PFAIR\_BUR\_ADHERED\_18**

Roof Type:

**BUR**

Description:

**Perimeter Mansard**

Scale:

**NTS**

Drawn:

**W.Harding**

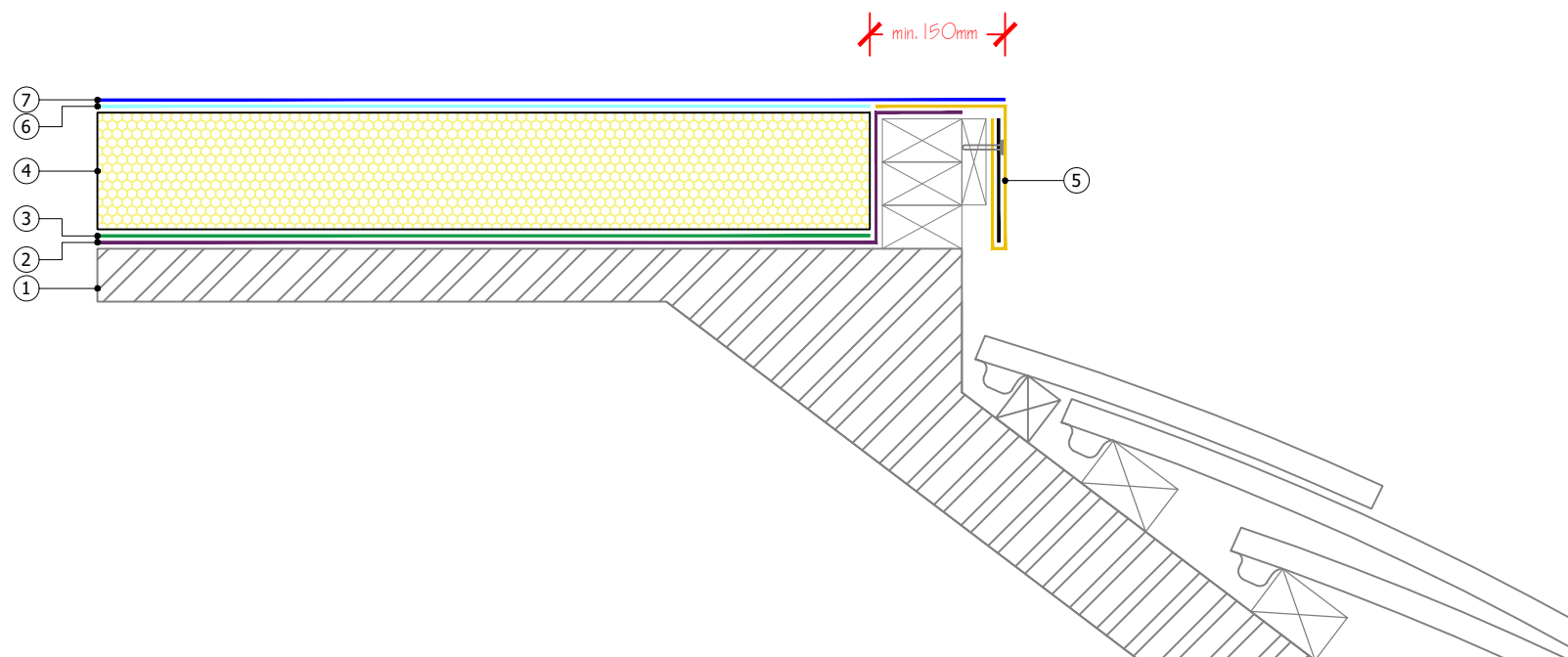
Date:











**18/06/2025**

**Proteus Pro-Felt® AIRdhesive**



**Proteus**  
**WATERPROOFING**



- ①  Substrate
- ②  **Pro-Vapour Control/Carrier Membrane SA and Pro-Prime® SA** (timber substrate | self-adhesive | Safe2Torch)
- ③  **Pro-Bond Foaming** (adhesive)
- ④  **Proteus Pro-Therm Insulation** (as per specification)
- ⑤  **Proteus Pro-Felt® Endura-Flex SA Underlay and Pro-Prime® SA** (self-adhesive | Safe2Torch)
- ⑤  **Proteus Pro-Felt® Endura-Flex Underlay and Pro-Prime® Bitumen** (torch-on)
- ⑥  **Proteus Pro-Felt® Endura-Flex SA Capsheet and Pro-Prime® SA** (self-adhesive | Safe2Torch)
- ⑥  **Proteus Pro-Felt® Endura-Flex Capsheet and Pro-Prime® Bitumen** (torch-on)
- ⑦  **Pro-Membrane Adhesive**
- ⑧  **Proteus Pro-Felt® Endura-Flex AIRdhesive**

#### Lap Dimensions

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

All laps to be heat welded

#### Proteus Waterproofing Ltd.

21a Sirdar Road,  
Brook Road Industrial Estate,  
Rayleigh, Essex, SS6 7XF

Tel: +44 (0)1268 777871

W: [www.proteuswaterproofing.co.uk](http://www.proteuswaterproofing.co.uk)

E: [office@proteuswaterproofing.co.uk](mailto:office@proteuswaterproofing.co.uk)

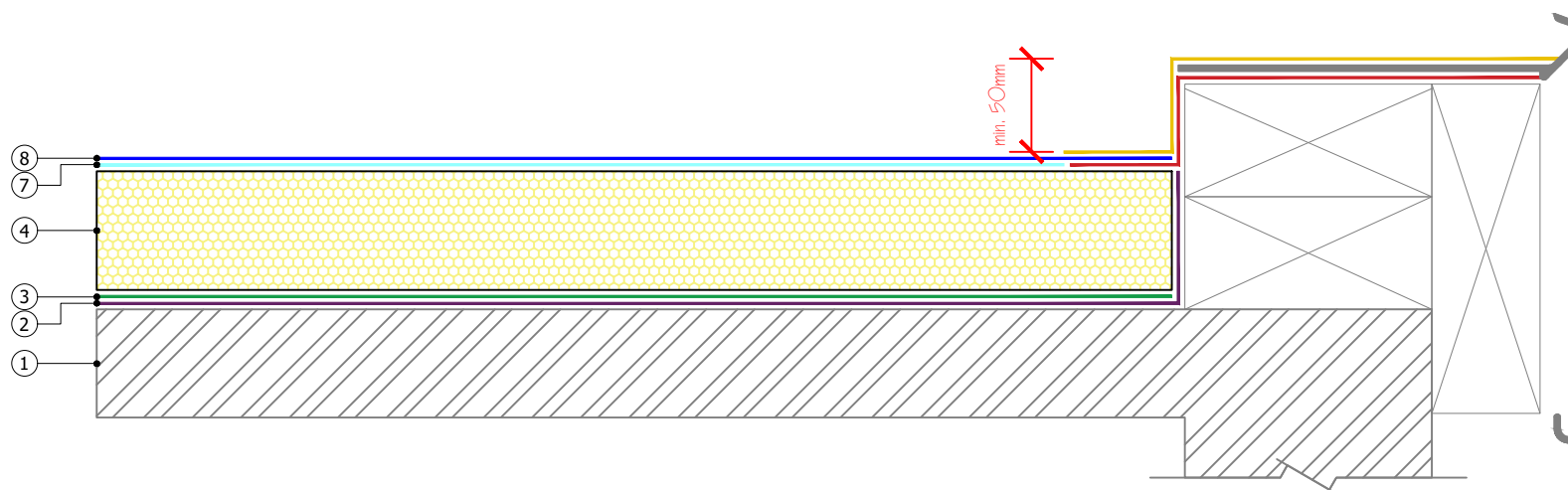
All components are to be prepared  
and installed in strict accordance with  
**Proteus Project Specification**

#### Notes :

This drawing is solely intended to illustrate the correct application of Proteus Waterproofing Ltd's products and systems. All other elements bearing reference to structural and/or thermal design within the detail are shown indicatively and should not be used in whole or part for any aspect of project design without consulting the relevant authorities.

For refurbishment projects, all aspects of the existing roof are deemed to be fully compliant with BS 6229 (Code of practice for flat roofs with continuously supported coverings) or improved upon for instances where these standards are not met.








© This drawing is the copyright of Proteus Waterproofing Ltd.



Drawing No.: <b>SD_PFAIR_BUR_ADHERED_19</b>		Roof Type: <b>BUR</b>
Description: <b>Watercheck</b>		
Scale: <b>NTS</b>	Drawn: <b>W.Harding</b>	Date: <b>18/06/2025</b>

Proteus Pro-Felt® AIRdhesive



- ①  Substrate
- ②  **Pro-Vapour Control/Carrier Membrane SA and Pro-Prime® SA** (timber substrate | self-adhesive | Safe2Torch)
- ③  **Pro-Bond Foaming** (adhesive)
- ④  **Proteus Pro-Therm Insulation** (as per specification)
- ⑤  **Pro-Membrane Adhesive**
- ⑥  **Proteus Pro-Felt® Endura-Flex AIRdhesive**
- ⑦  **Sacrificial Layer** (TBC with Proteus)

#### Lap Dimensions

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

All laps to be heat welded

#### Proteus Waterproofing Ltd.

21a Sirdar Road,  
Brook Road Industrial Estate,  
Rayleigh, Essex, SS6 7XF

Tel: +44 (0)1268 777871

W: [www.proteuswaterproofing.co.uk](http://www.proteuswaterproofing.co.uk)

E: [office@proteuswaterproofing.co.uk](mailto:office@proteuswaterproofing.co.uk)

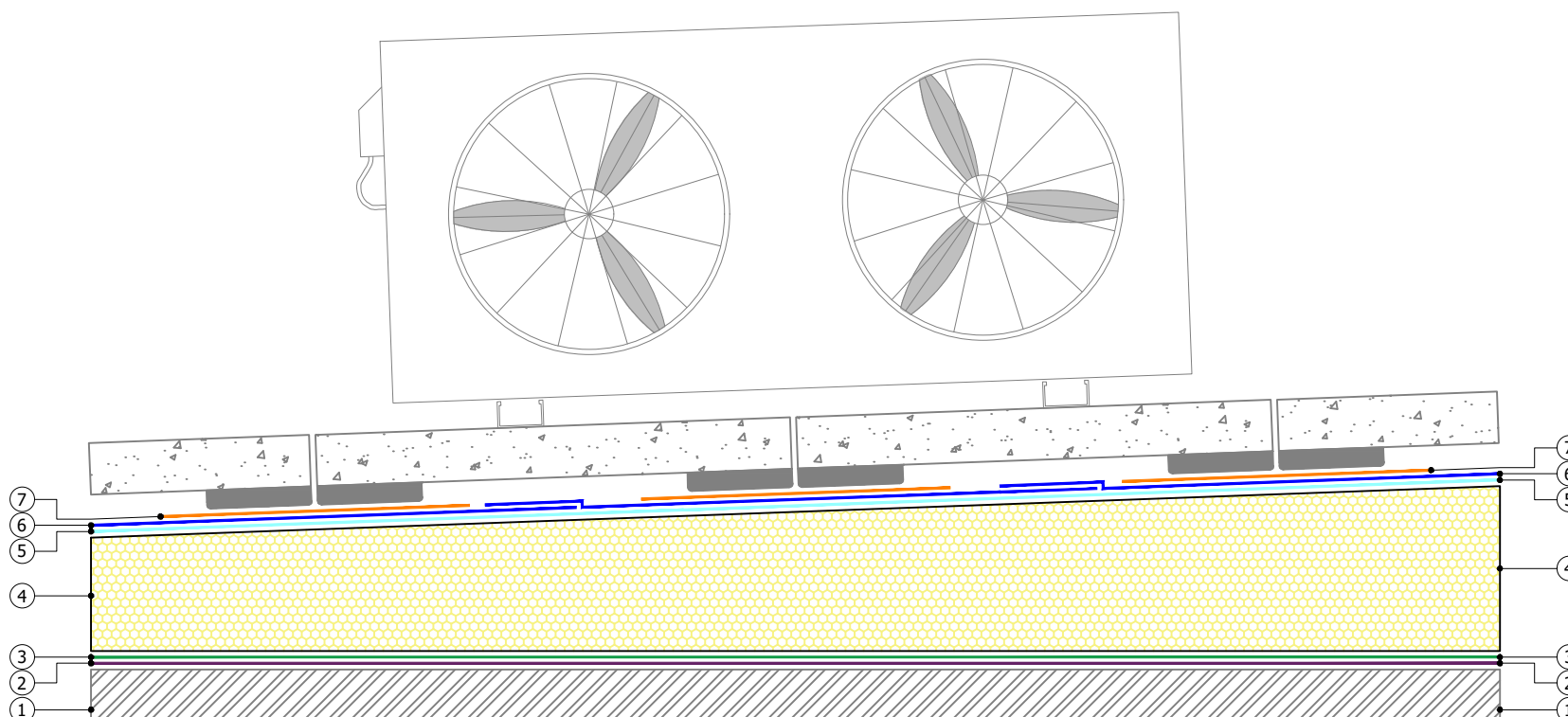
All components are to be prepared  
and installed in strict accordance with  
**Proteus Project Specification**

#### Notes :

This drawing is solely intended to illustrate the correct application of Proteus Waterproofing Ltd's products and systems. All other elements bearing reference to structural and/or thermal design within the detail are shown indicatively and should not be used in whole or part for any aspect of project design without consulting the relevant authorities.

For refurbishment projects, all aspects of the existing roof are deemed to be fully compliant with BS 6229 (Code of practice for flat roofs with continuously supported coverings) or improved upon for instances where these standards are not met.








© This drawing is the copyright of Proteus Waterproofing Ltd.



Drawing No.:	Roof Type:	
SD_PFAIR_BUR_ADHERED_20	BUR	
Description:	Sacrificial layer under free standing plant	
Scale:	Drawn:	Date:
NTS	W.Harding	18/06/2025

Proteus Pro-Felt® AIRdhesive



- ①  Combustible Substrate
- ②  **Pro-Vapour Control/Carrier Membrane SA and Pro-Prime® SA** (timber substrate | self-adhesive | Safe2Torch)
- ③  **Pro-Bond Foaming** (adhesive)
- ④  **Proteus Pro-Therm Insulation (non-combustible)**
- ⑤  **Proteus Pro-Therm Insulation** (as per specification)
- ⑥  **Pro-Membrane Adhesive**
- ⑦  **Proteus Pro-Felt® Endura-Flex AIRdhesive**

#### Lap Dimensions

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

All laps to be heat welded

#### Proteus Waterproofing Ltd.

21a Sirdar Road,  
Brook Road Industrial Estate,  
Rayleigh, Essex, SS6 7XF

Tel: +44 (0)1268 777871

W: [www.proteuswaterproofing.co.uk](http://www.proteuswaterproofing.co.uk)

E: [office@proteuswaterproofing.co.uk](mailto:office@proteuswaterproofing.co.uk)

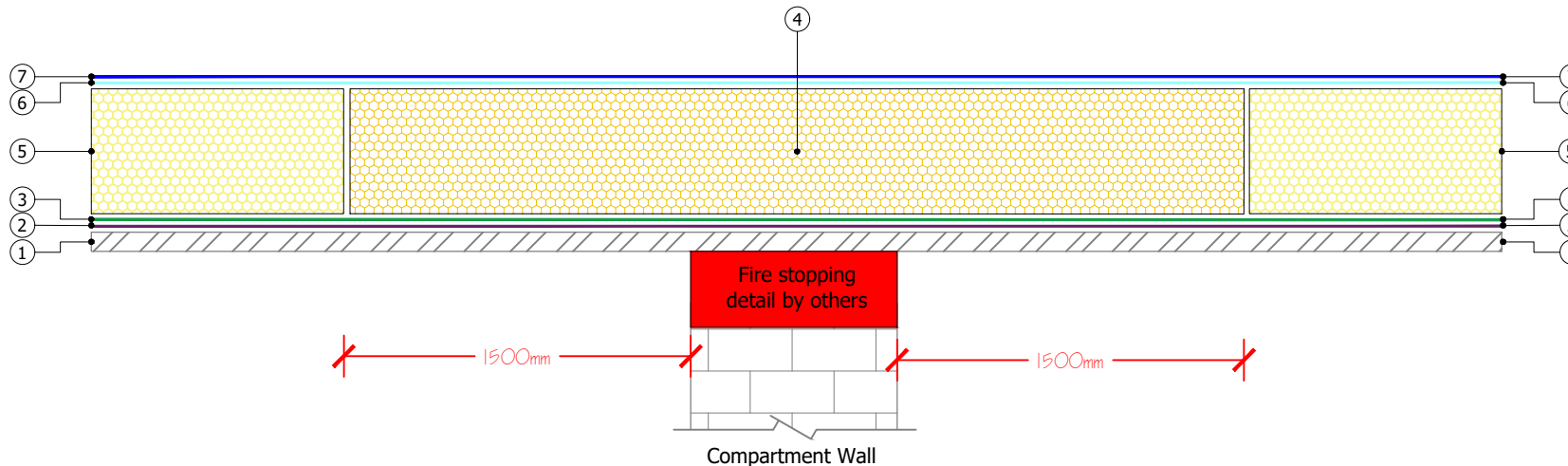
All components are to be prepared  
and installed in strict accordance with  
**Proteus Project Specification**

#### Notes :

This drawing is solely intended to illustrate the correct application of Proteus Waterproofing Ltd's products and systems. All other elements bearing reference to structural and/or thermal design within the detail are shown indicatively and should not be used in whole or part for any aspect of project design without consulting the relevant authorities.

For refurbishment projects, all aspects of the existing roof are deemed to be fully compliant with BS 6229 (Code of practice for flat roofs with continuously supported coverings) or improved upon for instances where these standards are not met.

© This drawing is the copyright of Proteus Waterproofing Ltd.












Drawing No.:		Roof Type:
SD_PFAIR_BUR_ADHERED_21		BUR
Description:		
Partition Wall - Part B Scheme		
Scale:	Drawn:	Date:
NTS	W.Harding	18/06/2025

Proteus Pro-Felt® AIRdhesive





- ①  Combustible Substrate
- ②  Existing Insulation
- ③  Existing Waterproofing
- ④  **Pro-Vapour Control/Carrier Membrane SA and Pro-Prime® SA** (timber substrate | self-adhesive | Safe2Torch)
- ⑤  **Pro-Bond Foaming** (adhesive)
- ⑥  **Proteus Pro-Therm Insulation** (non-combustible)
- ⑦  **Proteus Pro-Therm Insulation** (as per specification)
- ⑧  **Pro-Membrane Adhesive**
- ⑨  **Proteus Pro-Felt® Endura-Flex AIRdhesive**

#### Lap Dimensions

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

All laps to be heat welded

#### Proteus Waterproofing Ltd.

21a Sirdar Road,  
Brook Road Industrial Estate,  
Rayleigh, Essex, SS6 7XF

Tel: +44 (0)1268 777871

W: [www.proteuswaterproofing.co.uk](http://www.proteuswaterproofing.co.uk)

E: [office@proteuswaterproofing.co.uk](mailto:office@proteuswaterproofing.co.uk)

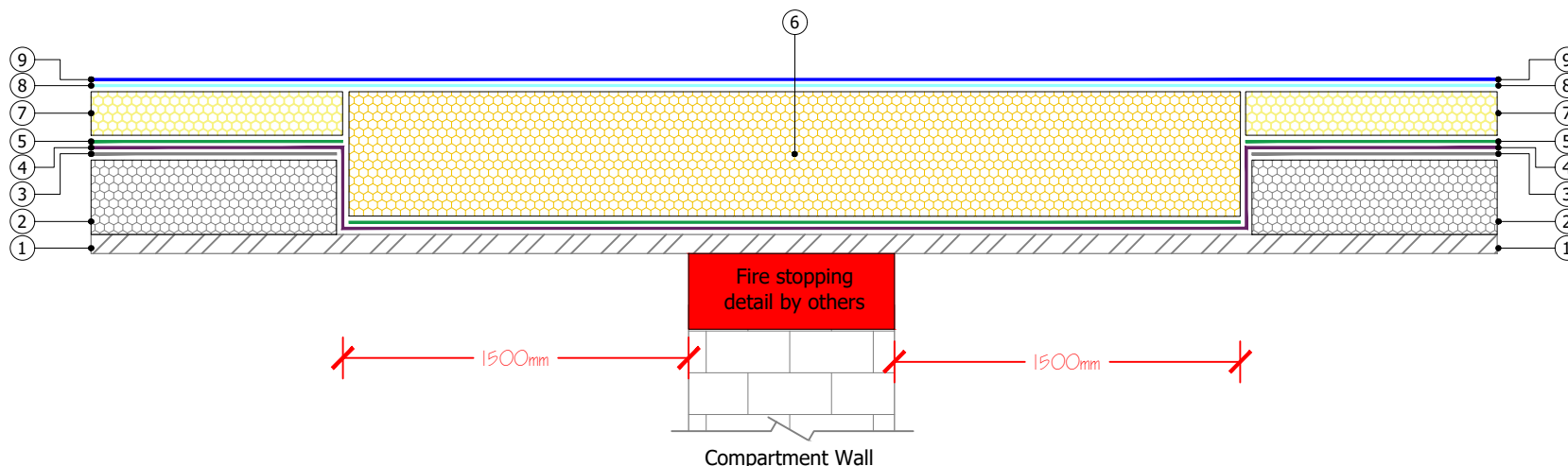
All components are to be prepared  
and installed in strict accordance with  
**Proteus Project Specification**

#### Notes :

This drawing is solely intended to illustrate the correct application of Proteus Waterproofing Ltd's products and systems. All other elements bearing reference to structural and/or thermal design within the detail are shown indicatively and should not be used in whole or part for any aspect of project design without consulting the relevant authorities.

For refurbishment projects, all aspects of the existing roof are deemed to be fully compliant with BS 6229 (Code of practice for flat roofs with continuously supported coverings) or improved upon for instances where these standards are not met.













© This drawing is the copyright of Proteus Waterproofing Ltd.



Drawing No.: <b>SD_PFAIR_BUR_ADHERED_22</b>		Roof Type: <b>BUR</b>
Description: <b>Partition Wall Overlay - Part B Scheme</b>		
Scale: <b>NTS</b>	Drawn: <b>W.Harding</b>	Date: <b>18/06/2025</b>

Proteus Pro-Felt® AIRdhesive



- ①  Substrate
- ②  Metal angle (by others)
- ③  **Pro-Vapour Control/Carrier Membrane SA and Pro-Prime® SA** (timber substrate | self-adhesive | Safe2Torch)
- ④  **Pro-Bond Foaming** (adhesive)
- ⑤  **Proteus Pro-Therm Insulation** (as per specification)
- ⑥  **Proteus Pro-Felt® Endura-Flex SA Underlay and Pro-Prime® SA** (self-adhesive | Safe2Torch)
- ⑥  **Proteus Pro-Felt® Endura-Flex Underlay and Pro-Prime® Bitumen** (torch-on)
- ⑦  **Proteus Pro-Felt® Endura-Flex SA Capsheet and Pro-Prime® SA** (self-adhesive | Safe2Torch)
- ⑦  **Proteus Pro-Felt® Endura-Flex Capsheet and Pro-Prime® Bitumen** (torch-on)
- ⑧  **Pro-Membrane Adhesive**
- ⑨  **Proteus Pro-Felt® Endura-Flex AIRdhesive**
- ⑩  Flashing (by others)

#### Lap Dimensions

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

All laps to be heat welded

#### Proteus Waterproofing Ltd.

21a Sirdar Road,  
Brook Road Industrial Estate,  
Rayleigh, Essex, SS6 7XF

Tel: +44 (0)1268 777871

W: [www.proteuswaterproofing.co.uk](http://www.proteuswaterproofing.co.uk)

E: [office@proteuswaterproofing.co.uk](mailto:office@proteuswaterproofing.co.uk)

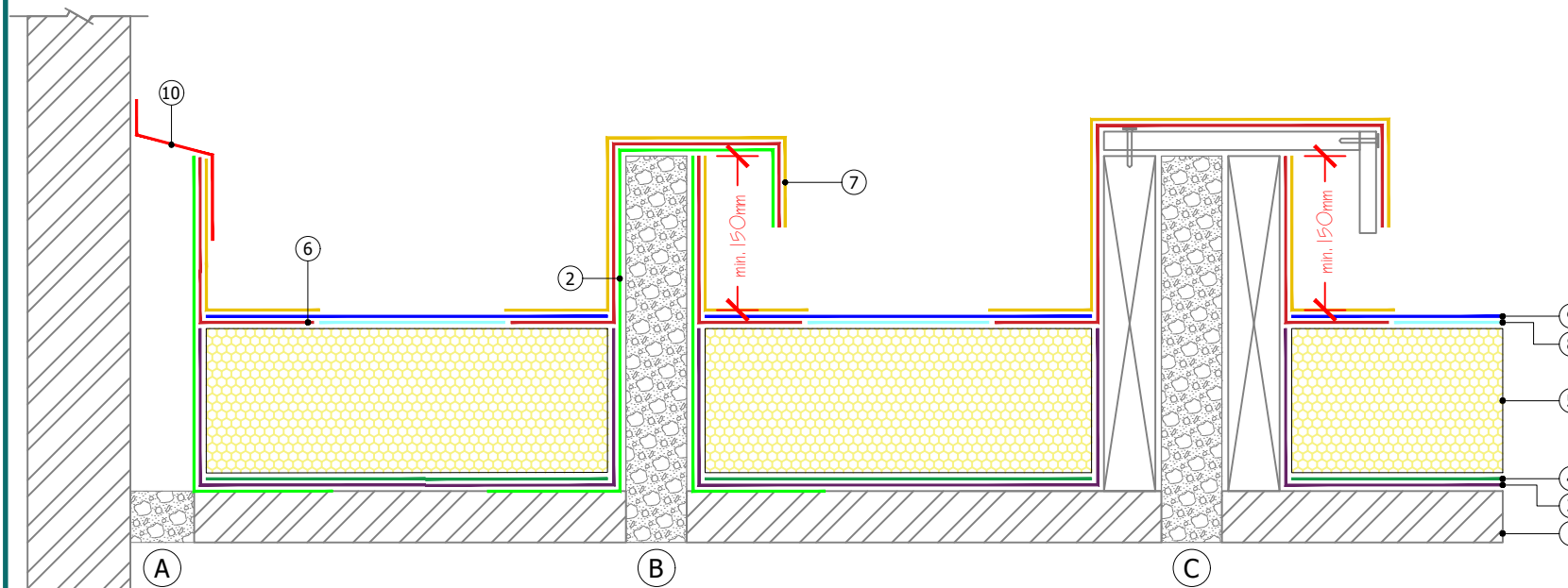
All components are to be prepared  
and installed in strict accordance with  
**Proteus Project Specification**

#### Notes :

This drawing is solely intended to illustrate the correct application of Proteus Waterproofing Ltd's products and systems. All other elements bearing reference to structural and/or thermal design within the detail are shown indicatively and should not be used in whole or part for any aspect of project design without consulting the relevant authorities.

For refurbishment projects, all aspects of the existing roof are deemed to be fully compliant with BS 6229 (Code of practice for flat roofs with continuously supported coverings) or improved upon for instances where these standards are not met.













© This drawing is the copyright of Proteus Waterproofing Ltd.

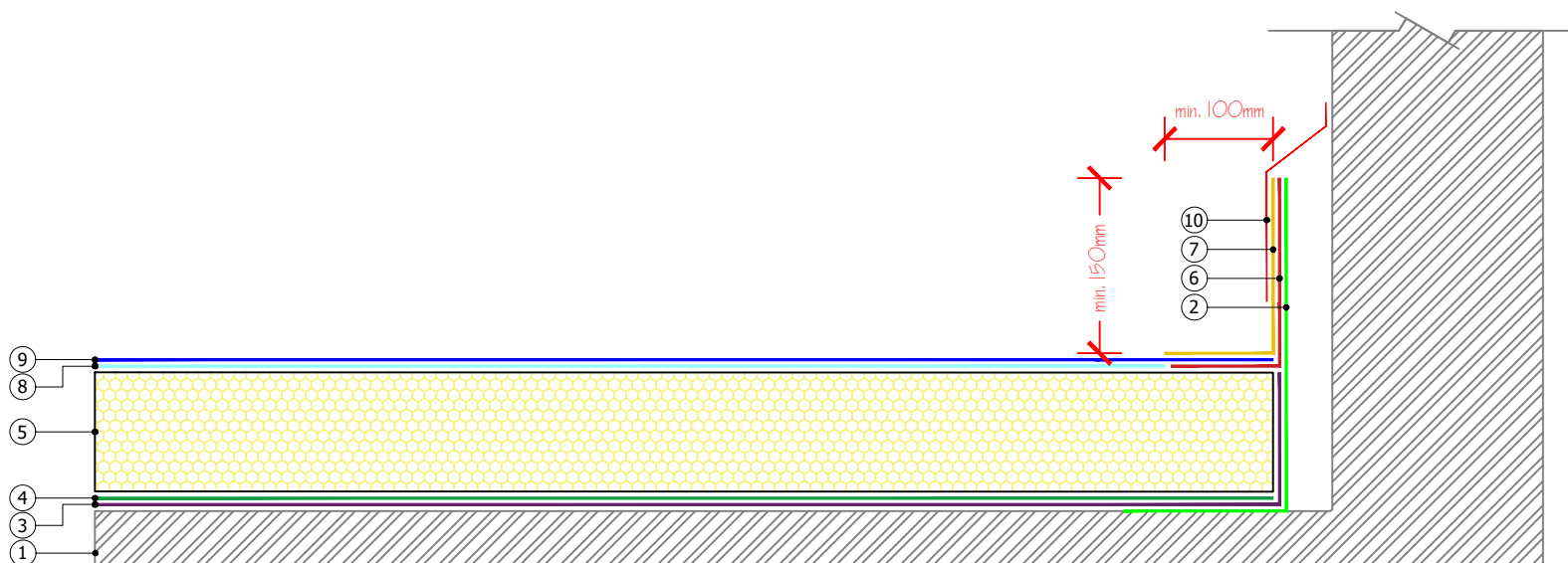


Drawing No.:		Roof Type:
SD_PFAIR_BUR_ADHERED_23		BUR
Description:		
Expansion Joints		
Scale:	Drawn:	Date:
NTS	W.Harding	18/06/2025

Proteus Pro-Felt® AIRdhesive



- ①  Substrate
- ②  Metal angle (by others)
- ③  **Pro-Vapour Control/Carrier Membrane SA and Pro-Prime® SA** (timber substrate | self-adhesive | Safe2Torch)
- ④  **Pro-Bond Foaming** (adhesive)
- ⑤  **Proteus Pro-Therm Insulation** (as per specification)
- ⑥  **Proteus Pro-Felt® Endura-Flex SA Underlay and Pro-Prime® SA** (self-adhesive | Safe2Torch)
- ⑥  **Proteus Pro-Felt® Endura-Flex Underlay and Pro-Prime® Bitumen** (torch-on)
- ⑦  **Proteus Pro-Felt® Endura-Flex SA Capsheet and Pro-Prime® SA** (self-adhesive | Safe2Torch)
- ⑦  **Proteus Pro-Felt® Endura-Flex Capsheet and Pro-Prime® Bitumen** (torch-on)
- ⑧  **Pro-Membrane Adhesive**
- ⑨  **Proteus Pro-Felt® Endura-Flex AIRdhesive**
- ⑩  Flashing (by others)



## Proteus Waterproofing Ltd.

21a Sirdar Road,  
Brook Road Industrial Estate,  
Rayleigh, Essex, SS6 7XF

Tel: +44 (0)1268 777871

W: [www.proteuswaterproofing.co.uk](http://www.proteuswaterproofing.co.uk)

E: [office@proteuswaterproofing.co.uk](mailto:office@proteuswaterproofing.co.uk)

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

### Notes :

This drawing is solely intended to illustrate the correct application of Proteus Waterproofing Ltd's products and systems. All other elements bearing reference to structural and/or thermal design within the detail are shown indicatively and should not be used in whole or part for any aspect of project design without consulting the relevant authorities.

For refurbishment projects, all aspects of the existing roof are deemed to be fully compliant with BS 6229 (Code of practice for flat roofs with continuously supported coverings) or improved upon for instances where these standards are not met.

© This drawing is the copyright of Proteus Waterproofing Ltd.

Drawing No.:

**SD\_PFAIR\_BUR\_ADHERED\_24**

Roof Type:

**BUR**

Description:

**Independant Upstand**

Scale:

**NTS**

Drawn:

**W.Harding**








Date:

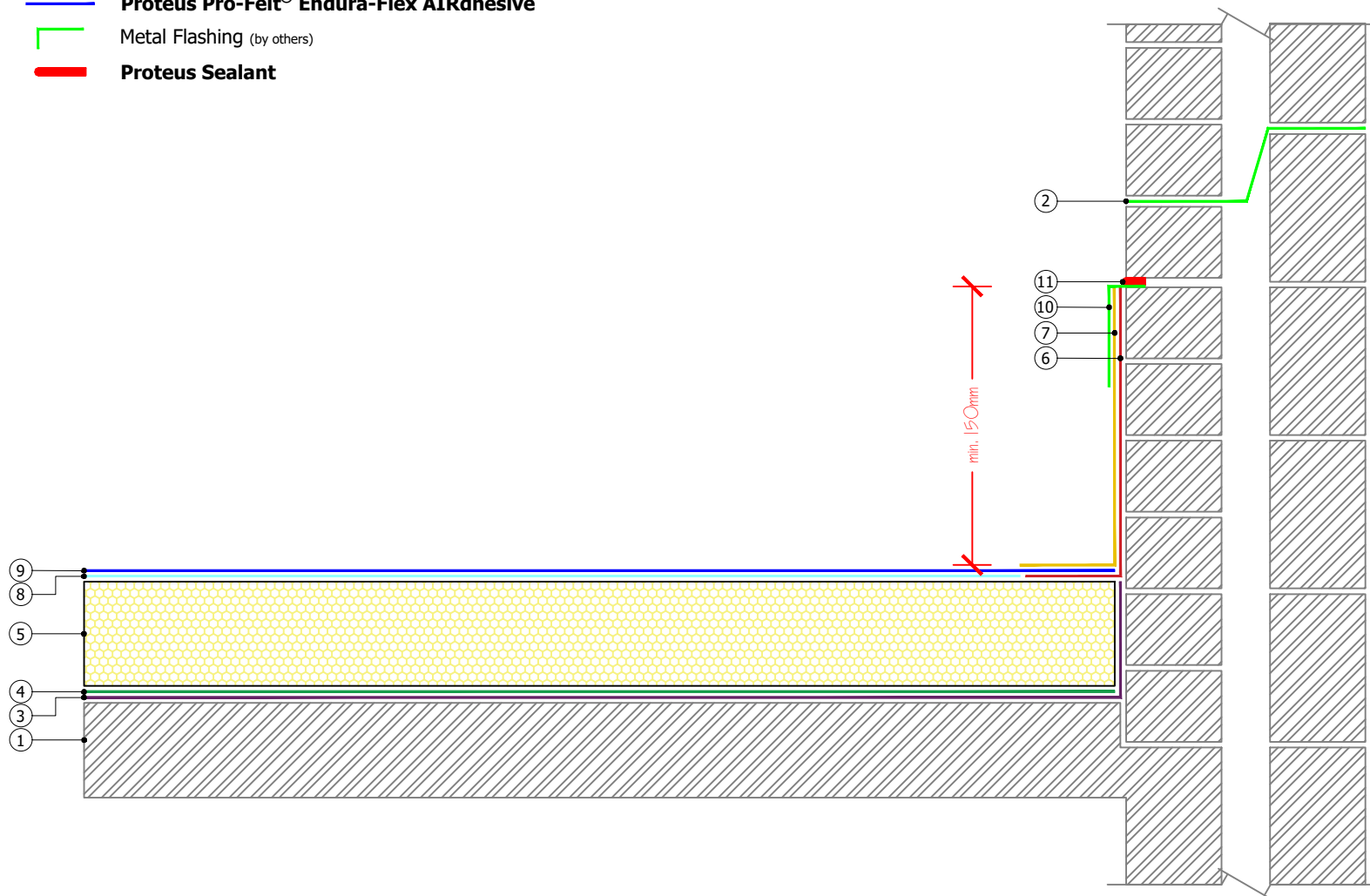
**18/06/2025**

**Proteus Pro-Felt® AIRdhesive**



**Proteus**  
**WATERPROOFING**

- ①  Substrate
- ②  Metal Flashing (by others)
- ③  **Pro-Vapour Control/Carrier Membrane SA and Pro-Prime® SA** (timber substrate | self-adhesive | Safe2Torch)
- ④  **Pro-Bond Foaming** (adhesive)
- ⑤  **Proteus Pro-Therm Insulation** (as per specification)
- ⑥  **Proteus Pro-Felt® Endura-Flex SA Underlay and Pro-Prime® SA** (self-adhesive | Safe2Torch)
- ⑥  **Proteus Pro-Felt® Endura-Flex Underlay and Pro-Prime® Bitumen** (torch-on)
- ⑦  **Proteus Pro-Felt® Endura-Flex SA Capsheet and Pro-Prime® SA** (self-adhesive | Safe2Torch)
- ⑦  **Proteus Pro-Felt® Endura-Flex Capsheet and Pro-Prime® Bitumen** (torch-on)
- ⑧  **Pro-Membrane Adhesive**
- ⑨  **Proteus Pro-Felt® Endura-Flex AIRdhesive**
- ⑩  Metal Flashing (by others)
- ⑪  **Proteus Sealant**



## Proteus Waterproofing Ltd.

21a Sirdar Road,  
Brook Road Industrial Estate,  
Rayleigh, Essex, SS6 7XF

Tel: +44 (0)1268 777871

W: [www.proteuswaterproofing.co.uk](http://www.proteuswaterproofing.co.uk)

E: [office@proteuswaterproofing.co.uk](mailto:office@proteuswaterproofing.co.uk)

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

### Notes :

This drawing is solely intended to illustrate the correct application of Proteus Waterproofing Ltd's products and systems. All other elements bearing reference to structural and/or thermal design within the detail are shown indicatively and should not be used in whole or part for any aspect of project design without consulting the relevant authorities.

For refurbishment projects, all aspects of the existing roof are deemed to be fully compliant with BS 6229 (Code of practice for flat roofs with continuously supported coverings) or improved upon for instances where these standards are not met.

© This drawing is the copyright of Proteus Waterproofing Ltd.

Drawing No.:

**SD\_PFAIR\_BUR\_ADHERED\_26**

Roof Type:

**BUR**

Description:

**Cavity Tray**

Scale:

**NTS**

Drawn:

**W.Harding**












Date:

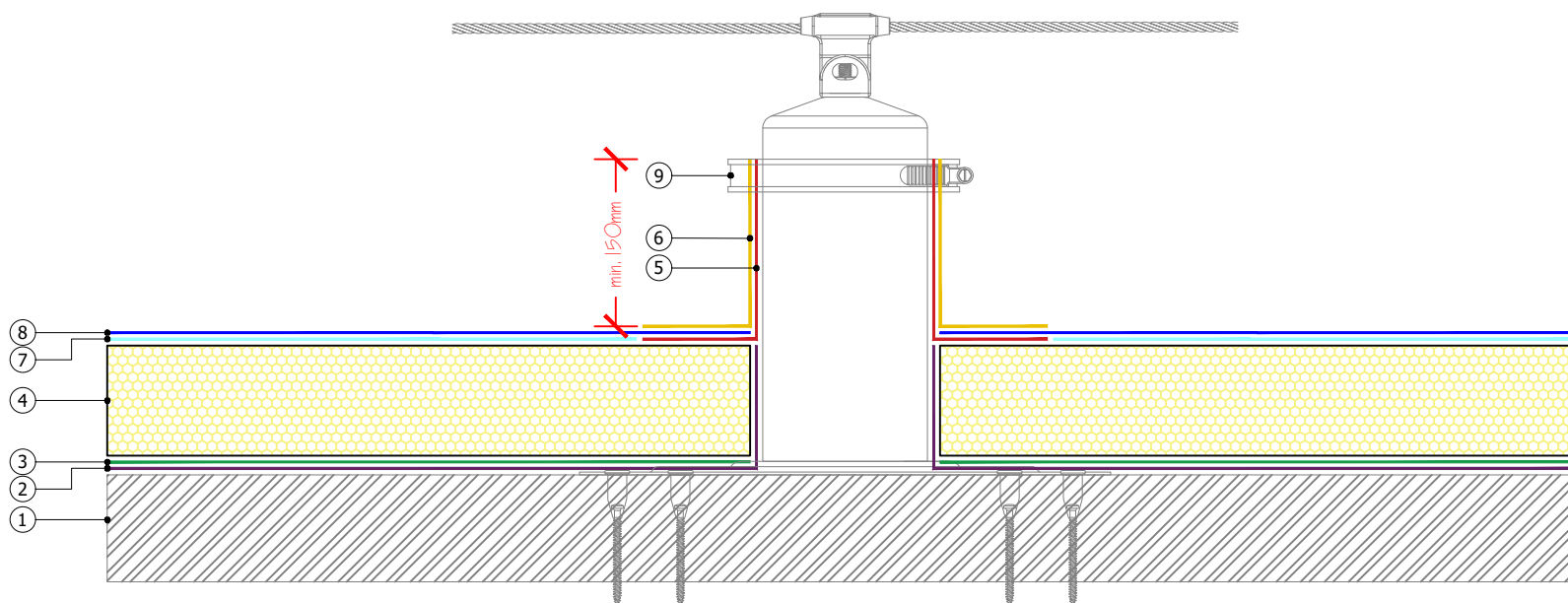
**18/06/2025**

**Proteus Pro-Felt® AIRdhesive**



**Proteus**  
**WATERPROOFING**

- ①  Substrate
- ②  **Pro-Vapour Control/Carrier Membrane SA and Pro-Prime® SA** (timber substrate | self-adhesive | Safe2Torch)
- ③  **Pro-Bond Foaming** (adhesive)
- ④  **Proteus Pro-Therm Insulation** (as per specification)
- ⑤  **Proteus Pro-Felt® Endura-Flex SA Underlay and Pro-Prime® SA** (self-adhesive | Safe2Torch)
- ⑤  **Proteus Pro-Felt® Endura-Flex Underlay and Pro-Prime® Bitumen** (torch-on)
- ⑥  **Proteus Pro-Felt® Endura-Flex SA Capsheet and Pro-Prime® SA** (self-adhesive | Safe2Torch)
- ⑥  **Proteus Pro-Felt® Endura-Flex Capsheet and Pro-Prime® Bitumen** (torch-on)
- ⑦  **Pro-Membrane Adhesive**
- ⑧  **Proteus Pro-Felt® Endura-Flex AIRdhesive**
- ⑨  Jubilee Clip (by others)



## Proteus Waterproofing Ltd.

21a Sirdar Road,  
Brook Road Industrial Estate,  
Rayleigh, Essex, SS6 7XF

Tel: +44 (0)1268 777871

W: [www.proteuswaterproofing.co.uk](http://www.proteuswaterproofing.co.uk)

E: [office@proteuswaterproofing.co.uk](mailto:office@proteuswaterproofing.co.uk)

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

### Notes :

This drawing is solely intended to illustrate the correct application of Proteus Waterproofing Ltd's products and systems. All other elements bearing reference to structural and/or thermal design within the detail are shown indicatively and should not be used in whole or part for any aspect of project design without consulting the relevant authorities.

For refurbishment projects, all aspects of the existing roof are deemed to be fully compliant with BS 6229 (Code of practice for flat roofs with continuously supported coverings) or improved upon for instances where these standards are not met.

© This drawing is the copyright of Proteus Waterproofing Ltd.

Drawing No.: <b>SD_PFAIR_BUR_ADHERED_27</b>		Roof Type: <b>BUR</b>
Description: <b>Fall Arrest System</b>		
Scale: <b>NTS</b>	Drawn: <b>W.Harding</b>	Date: <b>18/06/2025</b>

Proteus Pro-Felt® AIRdhesive

