

- ①  Substrate
- ②  Timber substrate: **Proteus Pro-Felt® Endura SA AVCL** and **Pro-Prime® SA**
- ②  Concrete/Asphalt/Felt substrate: **Proteus Pro-Felt® Endura AVCL** and **Pro-Prime® Bitumen**
- ③  **Pro-Bond Foaming** (adhesive)
- ④  **Proteus Pro-Therm Insulation** and **Pro-Prime® SA**
- ⑤  **Proteus Pro-Felt® Endura SA Underlay**
- ⑥  **Proteus Pro-Felt® Endura Capsheet**

Lap Dimensions

Side Laps	≥ 80mm
End Laps	≥ 100mm
Upstand Laps	≥ 100mm

Proteus Waterproofing Ltd.

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

Tel: +44 (0)1268 777871

W: www.proteuswaterproofing.co.uk

E: office@proteuswaterproofing.co.uk

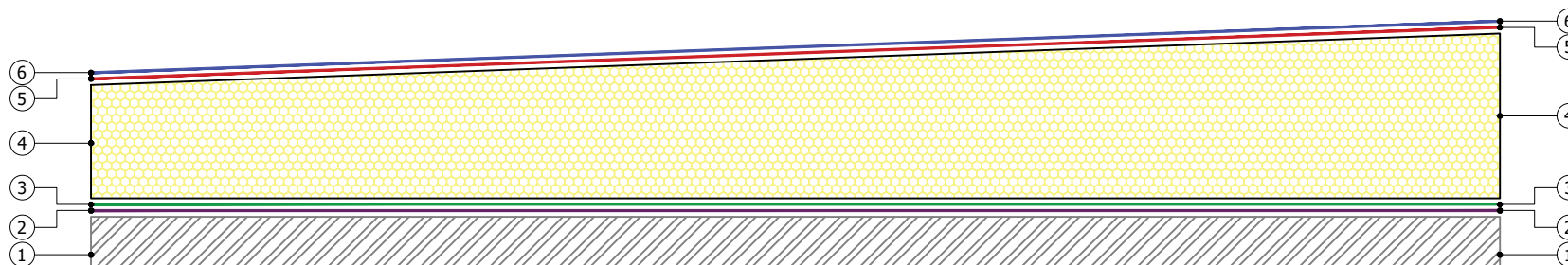
All components are to be prepared
and installed in strict accordance with
Proteus Project Specification

Notes :

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Drawing No.: SD_PFN_BUR_01		Roof Type: BUR
Description: Horizontal Surface		
Scale: NTS	Drawn: W.Harding	Date: 15/04/2025

Proteus Pro-Felt® Endura



- ①  Substrate
- ②  Timber substrate: **Proteus Pro-Felt® Endura SA AVCL** and **Pro-Prime® SA**
- ②  Concrete/Asphalt/Felt substrate: **Proteus Pro-Felt® Endura AVCL** and **Pro-Prime® Bitumen**
- ③  **Pro-Bond Foaming** (adhesive)
- ④  **Proteus Pro-Therm Insulation** and **Pro-Prime® SA**
- ⑤  **Proteus Pro-Felt® Endura SA Underlay**
- ⑥  **Proteus Pro-Felt® Endura Capsheet**

Lap Dimensions

Side Laps	≥ 80mm
End Laps	≥ 100mm
Upstand Laps	≥ 100mm

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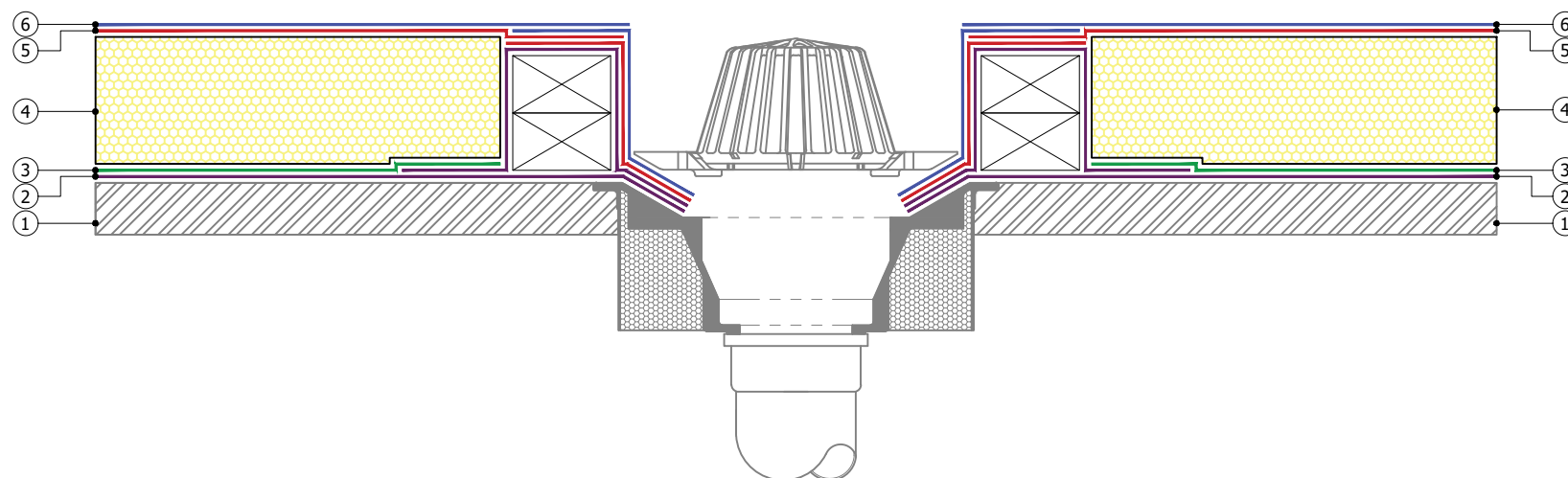
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Drawing No.: SD_PFN_BUR_02		Roof Type: BUR
Description: Vertical Rainwater Outlet		
Scale: NTS	Drawn: W.Harding	Date: 15/04/2025

Proteus Pro-Felt® Endura



- ①  Substrate
- ②  Rooflight / Roof Access Hatch (by others)
- ③  Timber substrate: **Proteus Pro-Felt® Endura SA AVCL** and **Pro-Prime® SA**
- ③  Concrete/Asphalt/Felt substrate: **Proteus Pro-Felt® Endura AVCL** and **Pro-Prime® Bitumen**
- ④  **Pro-Bond Foaming** (adhesive)
- ⑤  **Proteus Pro-Therm Insulation** and **Pro-Prime® SA**
- ⑥  **Proteus Pro-Therm Non-Combustible Angle Fillet** and **Pro-Bond Foaming** (adhesive)
- ⑦  **Proteus Pro-Felt® Endura SA Underlay** reinforcement (25 and 30 year systems only)
- ⑧  **Proteus Pro-Felt® Endura SA Underlay** and **Pro-Prime® SA**
- ⑨  **Proteus Pro-Felt® Endura Capsheet**
- ⑨  Safe2Torch areas: **Proteus Pro-Felt® Endura SA Capsheet** and **Pro-Prime® SA**
- ⑩  **Proteus Bitumen Sealant**

Lap Dimensions

Side Laps	≥ 80mm
End Laps	≥ 100mm
Upstand Laps	≥ 100mm

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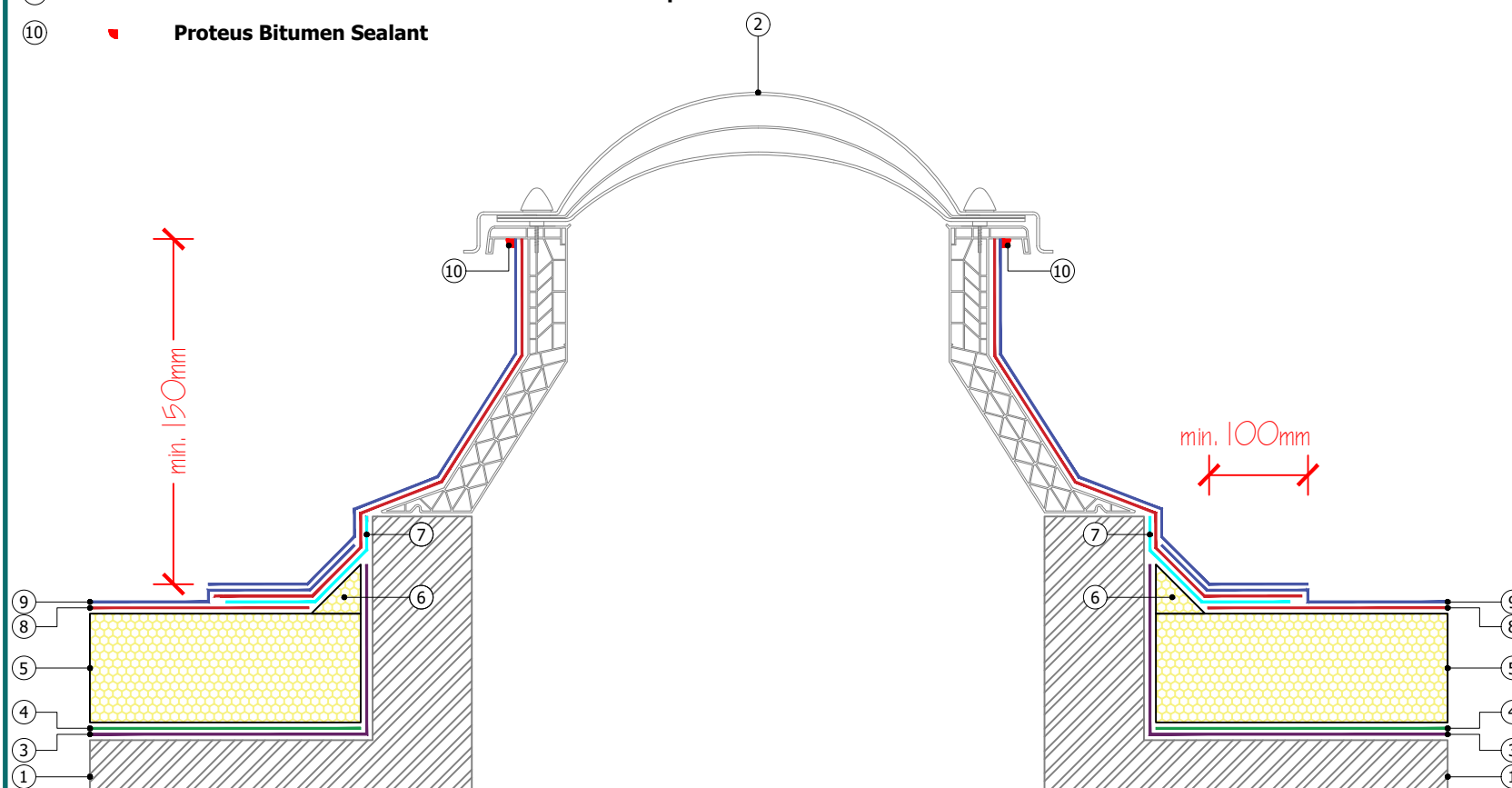
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Proteus Project Specification

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Drawing No.: SD_PFN_BUR_03		Roof Type: BUR
Description: Rooflight / Access Hatch		
Scale: NTS	Drawn: W.Harding	Date: 15/04/2025

Proteus Pro-Felt® Endura



- ①  Substrate
- ②  Timber substrate: **Proteus Pro-Felt® Endura SA AVCL** and **Pro-Prime® SA**
- ③  Concrete/Asphalt/Felt substrate: **Proteus Pro-Felt® Endura AVCL** and **Pro-Prime® Bitumen**
- ④  **Pro-Bond Foaming** (adhesive)
- ⑤  **Proteus Pro-Therm Insulation** and **Pro-Prime® SA**
- ⑥  **Proteus Pro-Therm Non-Combustible Angle Fillet** and **Pro-Bond Foaming** (adhesive)
- ⑦  **Proteus Pro-Felt® Endura SA Underlay** reinforcement (25 and 30 year systems only)
- ⑧  **Proteus Pro-Felt® Endura SA Underlay**
- ⑨  **Proteus Pro-Felt® Endura Capsheet**
- ⑩  **Proteus Bitumen Sealant**

Lap Dimensions

Side Laps	≥ 80mm
End Laps	≥ 100mm
Upstand Laps	≥ 100mm

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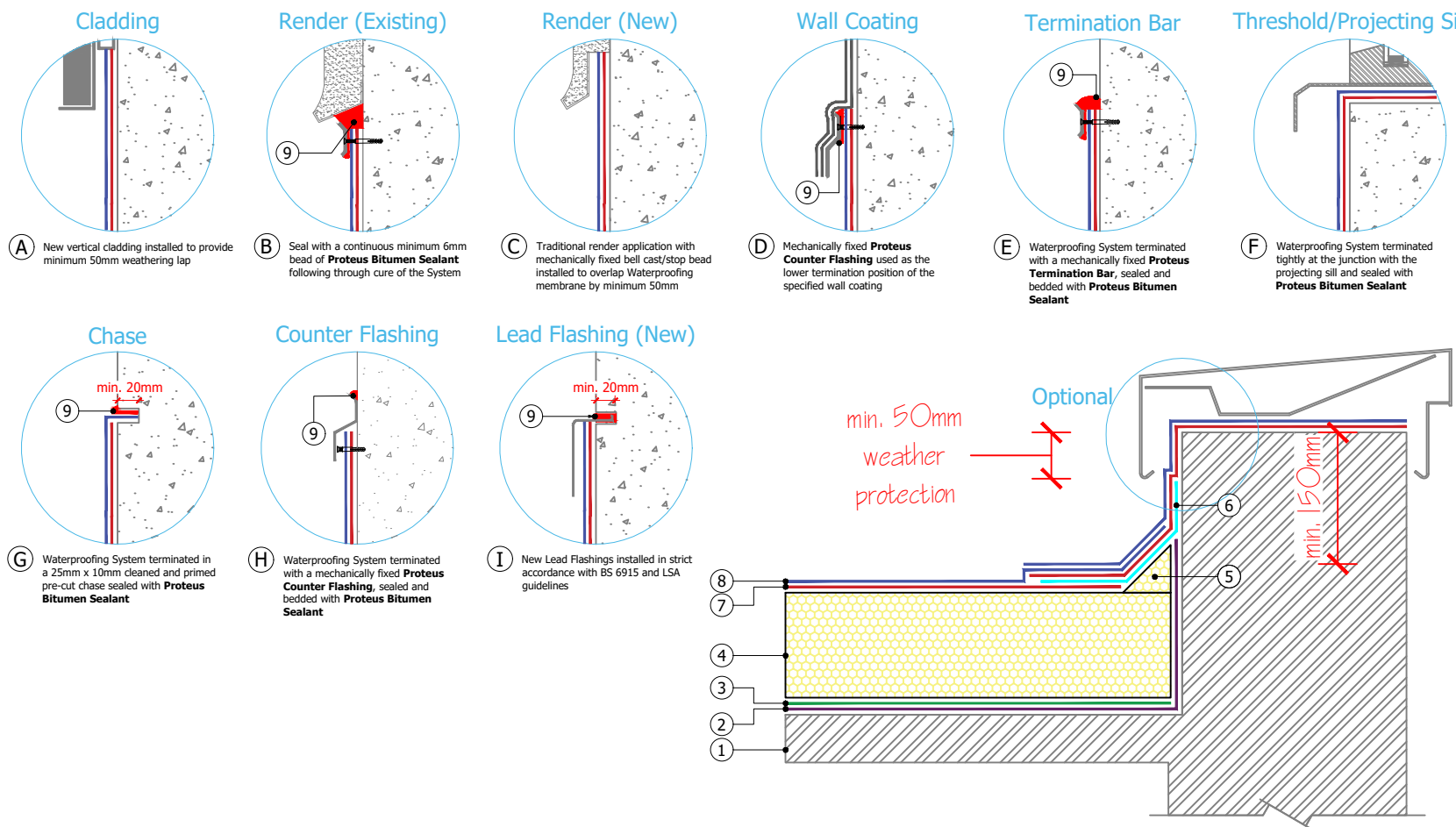
All components are to be prepared and installed in strict accordance with **Proteus Project Specification**

Notes :

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Drawing No.: SD_PFN_BUR_04		Roof Type: BUR
Description: Upstand Terminations		
Scale: NTS	Drawn: W.Harding	Date: 15/04/2025

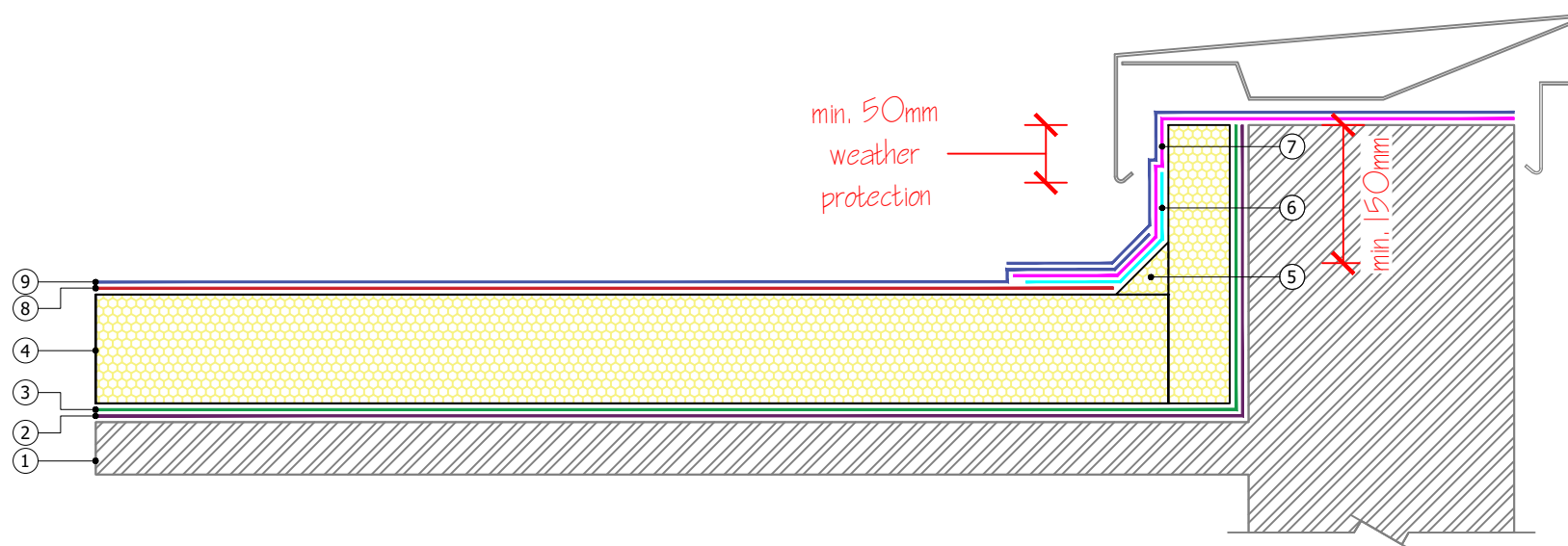
Proteus Pro-Felt® Endura



- ①  Substrate
- ②  Timber substrate: **Proteus Pro-Felt® Endura SA AVCL** and **Pro-Prime® SA**
- ②  Concrete/Asphalt/Felt substrate: **Proteus Pro-Felt® Endura AVCL** and **Pro-Prime® Bitumen**
- ③  **Pro-Bond Foaming** (adhesive)
- ④  **Proteus Pro-Therm Insulation** and **Pro-Prime® SA**
- ⑤  **Proteus Pro-Therm Non-Combustible Angle Fillet** and **Pro-Bond Foaming** (adhesive)
- ⑥  **Proteus Pro-Felt® Endura SA Underlay** reinforcement (25 and 30 year systems only)
- ⑦  Safe2Torch areas: **Proteus Pro-Felt® Endura SA Underlay** and **Pro-Prime® SA**
- ⑧  **Proteus Pro-Felt® SA Capsheet** and **Pro-Prime® SA**
- ⑨  Safe2Torch areas: **Proteus Pro-Felt® Endura SA Capsheet** and **Pro-Prime® SA**
- ⑨  **Proteus Pro-Felt® Endura Capsheet**

Lap Dimensions

Side Laps	≥ 80mm
End Laps	≥ 100mm
Upstand Laps	≥ 100mm



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21a Sirdar Road,
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Drawing No.:

SD_PFN_BUR_05

Roof Type:

BUR

Description:

Insulated Parapet - Capping

Scale:

NTS

Drawn:

W.Harding












Date:

15/04/2025

Proteus Pro-Felt® Endura



Proteus
WATERPROOFING

- ①  Substrate
- ②  Timber substrate: **Proteus Pro-Felt® Endura SA AVCL** and **Pro-Prime® SA**
- ②  Concrete/Asphalt/Felt substrate: **Proteus Pro-Felt® Endura AVCL** and **Pro-Prime® Bitumen**
- ③  **Pro-Bond Foaming** (adhesive)
- ④  **Proteus Pro-Therm Insulation** and **Pro-Prime® SA**
- ⑤  **Proteus Pro-Therm Non-Combustible Angle Fillet** and **Pro-Bond Foaming** (adhesive)
- ⑥  **Proteus Pro-Felt® Endura SA Underlay** reinforcement (25 and 30 year systems only)
- ⑦  **Proteus Pro-Felt® Endura SA Underlay** and **Pro-Prime® SA**
- ⑧  **Proteus Pro-Felt® SA Capsheet** and **Pro-Prime® SA**
- ⑨  Safe2Torch areas: **Proteus Pro-Felt® Endura SA Capsheet** and **Pro-Prime® SA**
- ⑨  **Proteus Pro-Felt® Endura Capsheet**

Lap Dimensions

Side Laps	≥ 80mm
End Laps	≥ 100mm
Upstand Laps	≥ 100mm

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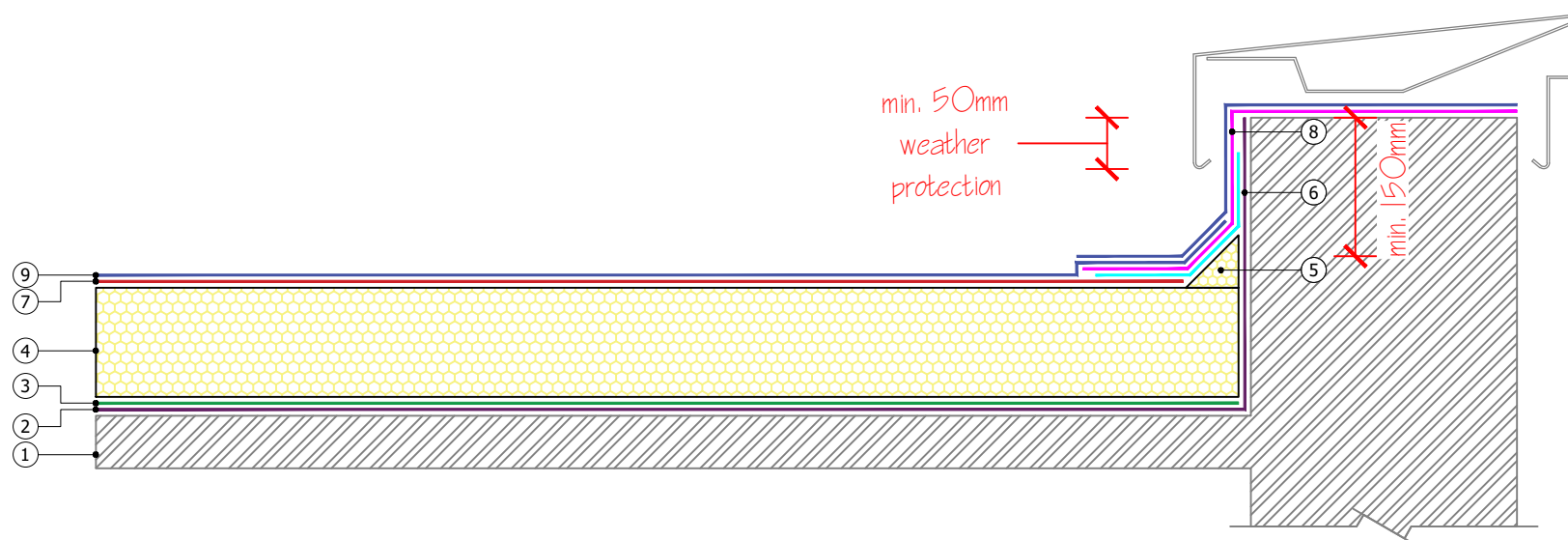
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Drawing No.:

SD_PFEN_BUR_06

Roof Type:

BUR

Description:

Parapet - Capping

Scale:

NTS

Drawn:

W.Harding













Date:

15/04/2025

Proteus Pro-Felt® Endura



Proteus
WATERPROOFING

- ①  Substrate
- ②  Timber substrate: **Proteus Pro-Felt® Endura SA AVCL** and **Pro-Prime® SA**
- ②  Concrete/Asphalt/Felt substrate: **Proteus Pro-Felt® Endura AVCL** and **Pro-Prime® Bitumen**
- ③  **Pro-Bond Foaming** (adhesive)
- ④  **Proteus Pro-Therm Insulation** and **Pro-Prime® SA**
- ⑤  **Proteus Pro-Therm Non-Combustible Angle Fillet** and **Pro-Bond Foaming** (adhesive)
- ⑥  **Proteus Pro-Felt® Endura SA Underlay** reinforcement (25 and 30 year systems only)
- ⑦  **Proteus Pro-Felt® Endura SA Underlay** and **Pro-Prime® SA**
- ⑧  **Proteus Pro-Felt® SA Capsheet** and **Pro-Prime® SA**
- ⑨  Safe2Torch areas: **Proteus Pro-Felt® Endura SA Capsheet** and **Pro-Prime® SA**
- ⑨  **Proteus Pro-Felt® Endura Capsheet**
- ⑩  **GRP Trim** (mechanically fixed)

Lap Dimensions

Side Laps	≥ 80mm
End Laps	≥ 100mm
Upstand Laps	≥ 100mm

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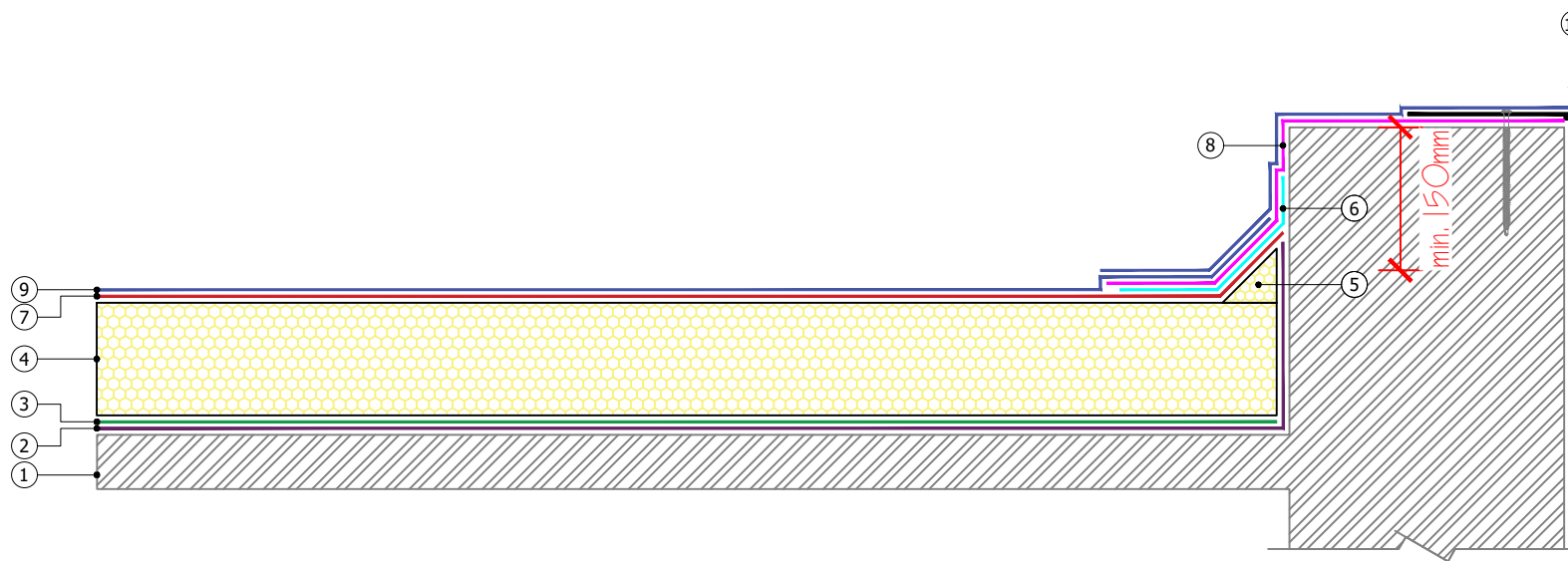
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Drawing No.: SD_PFEN_BUR_07		Roof Type: BUR
Description: Parapet - GRP Trim		
Scale: NTS	Drawn: W.Harding	Date: 15/04/2025

Proteus Pro-Felt® Endura



- ①  Substrate
- ②  Timber substrate: **Proteus Pro-Felt® Endura SA AVCL** and **Pro-Prime® SA**
- ②  Concrete/Asphalt/Felt substrate: **Proteus Pro-Felt® Endura AVCL** and **Pro-Prime® Bitumen**
- ③  **Pro-Bond Foaming** (adhesive)
- ④  **Proteus Pro-Therm Insulation** and **Pro-Prime® SA**
- ⑤  **Proteus Pro-Therm Non-Combustible Angle Fillet** and **Pro-Bond Foaming** (adhesive)
- ⑥  **Proteus Pro-Felt® Endura SA Underlay** reinforcement (25 and 30 year systems only)
- ⑦  **Proteus Pro-Felt® Endura SA Underlay** and **Pro-Prime® SA**
- ⑧  **Proteus Pro-Felt® SA Capsheet** and **Pro-Prime® SA**
- ⑨  Safe2Torch areas: **Proteus Pro-Felt® Endura SA Capsheet** and **Pro-Prime® SA**
- ⑨  **Proteus Pro-Felt® Endura Capsheet**
- ⑩  **Proteus Bitumen Sealant**

Lap Dimensions

Side Laps	≥ 80mm
End Laps	≥ 100mm
Upstand Laps	≥ 100mm

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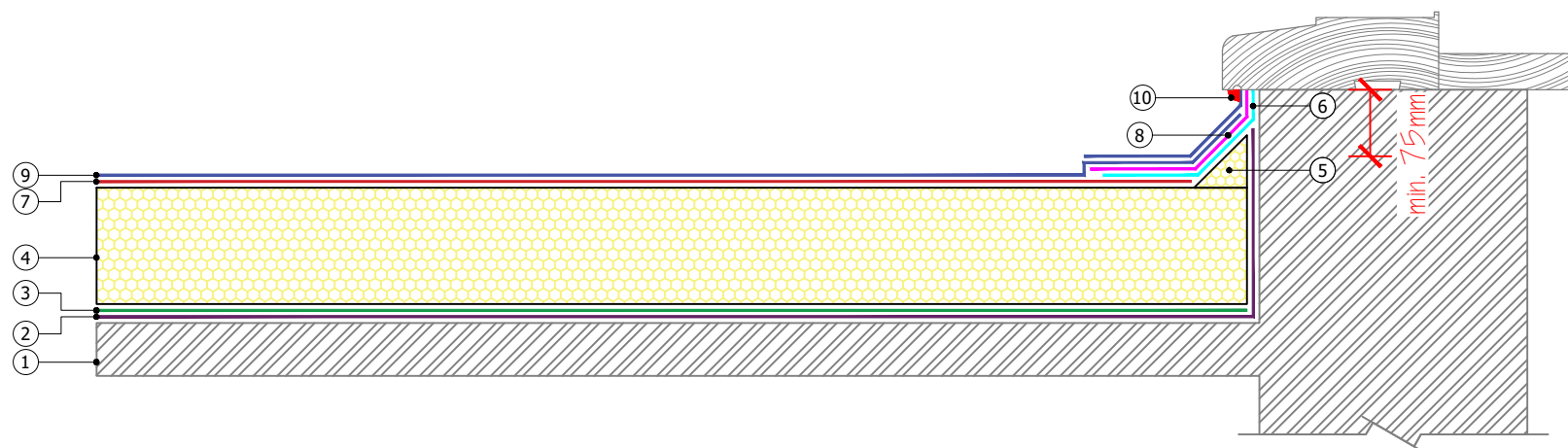
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Drawing No.:

SD_PFN_BUR_08

Roof Type:

BUR

Description:

Threshold (Existing) - Sealant

Scale:

NTS

Drawn:

W.Harding













Date:

15/04/2025

Proteus Pro-Felt® Endura



Proteus
WATERPROOFING

- ①  Substrate
- ②  Timber substrate: **Proteus Pro-Felt® Endura SA AVCL** and **Pro-Prime® SA**
- ②  Concrete/Asphalt/Felt substrate: **Proteus Pro-Felt® Endura AVCL** and **Pro-Prime® Bitumen**
- ③  **Pro-Bond Foaming** (adhesive)
- ④  **Proteus Pro-Therm Insulation** and **Pro-Prime® SA**
- ⑤  **Proteus Pro-Therm Non-Combustible Angle Fillet** and **Pro-Bond Foaming** (adhesive)
- ⑥  **Proteus Pro-Felt® Endura SA Underlay** reinforcement (25 and 30 year systems only)
- ⑦  **Proteus Pro-Felt® Endura SA Underlay** and **Pro-Prime® SA**
- ⑧  **Proteus Pro-Felt® SA Capsheet** and **Pro-Prime® SA**
- ⑨  Safe2Torch areas: **Proteus Pro-Felt® Endura SA Capsheet** and **Pro-Prime® SA**
- ⑨  **Proteus Pro-Felt® Endura Capsheet**
- ⑩  EPDM membrane (min. 100mm lap onto waterproofing)

Lap Dimensions

Side Laps	≥ 80mm
End Laps	≥ 100mm
Upstand Laps	≥ 100mm

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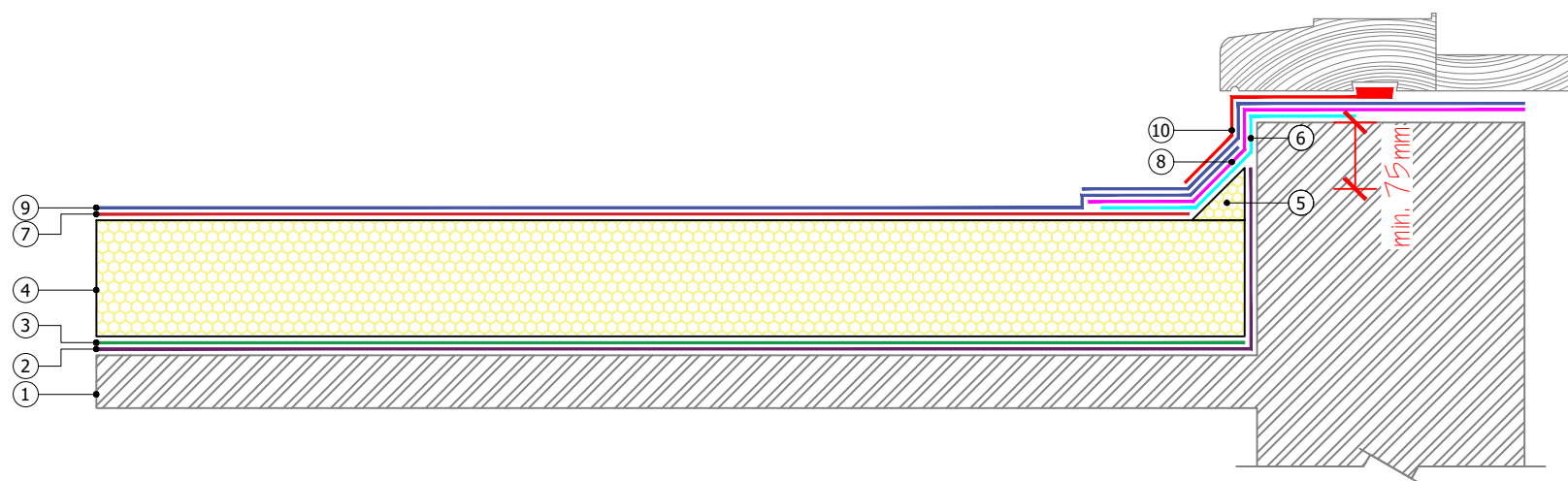
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Drawing No.:

SD_PFN_BUR_09

Roof Type:

BUR

Description:

Threshold (New) - EPDM

Scale:

NTS

Drawn:

W.Harding












Date:

15/04/2025

Proteus Pro-Felt® Endura



Proteus
WATERPROOFING

- ①  Substrate
- ②  Timber substrate: **Proteus Pro-Felt® Endura SA AVCL** and **Pro-Prime® SA**
- ②  Concrete/Asphalt/Felt substrate: **Proteus Pro-Felt® Endura AVCL** and **Pro-Prime® Bitumen**
- ③  **Pro-Bond Foaming** (adhesive)
- ④  **Proteus Pro-Therm Insulation** and **Pro-Prime® SA**
- ⑤  **Proteus Pro-Felt® Endura SA Underlay** reinforcement (25 and 30 year systems only)
- ⑥  **Proteus Pro-Felt® Endura SA Underlay** and **Pro-Prime® SA**
- ⑦  **Proteus Pro-Felt® SA Capsheet** and **Pro-Prime® SA**
- ⑧  Safe2Torch areas: **Proteus Pro-Felt® Endura SA Capsheet** and **Pro-Prime® SA**
- ⑧  **Proteus Pro-Felt® Endura Capsheet**
- ⑨  Jubilee Clip (by others)

Lap Dimensions

Side Laps	≥ 80mm
End Laps	≥ 100mm
Upstand Laps	≥ 100mm

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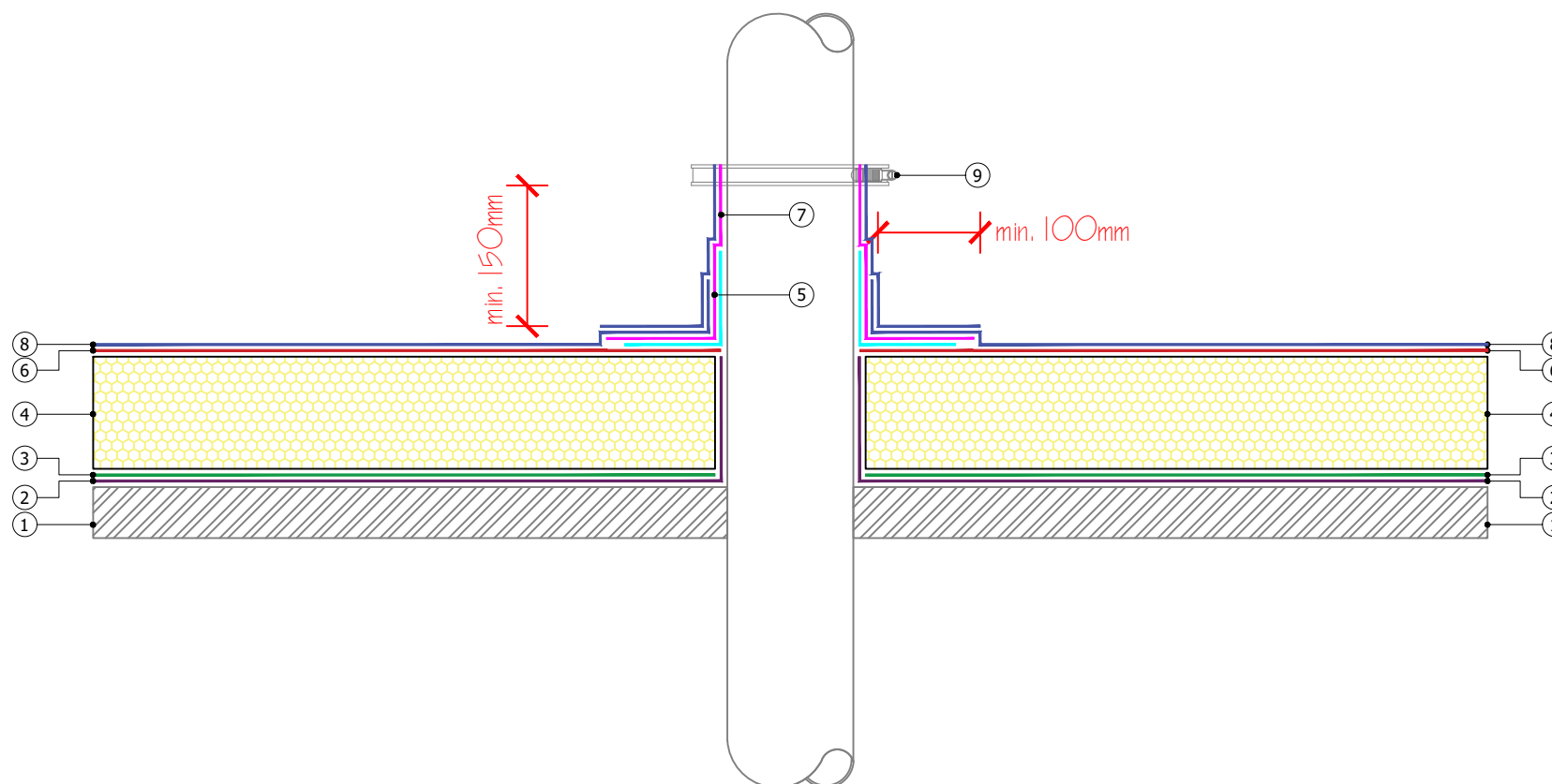
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Drawing No.: SD_PFN_BUR_10		Roof Type: BUR
Description: Cold Pipe Penetration		
Scale: NTS	Drawn: W.Harding	Date: 15/04/2025

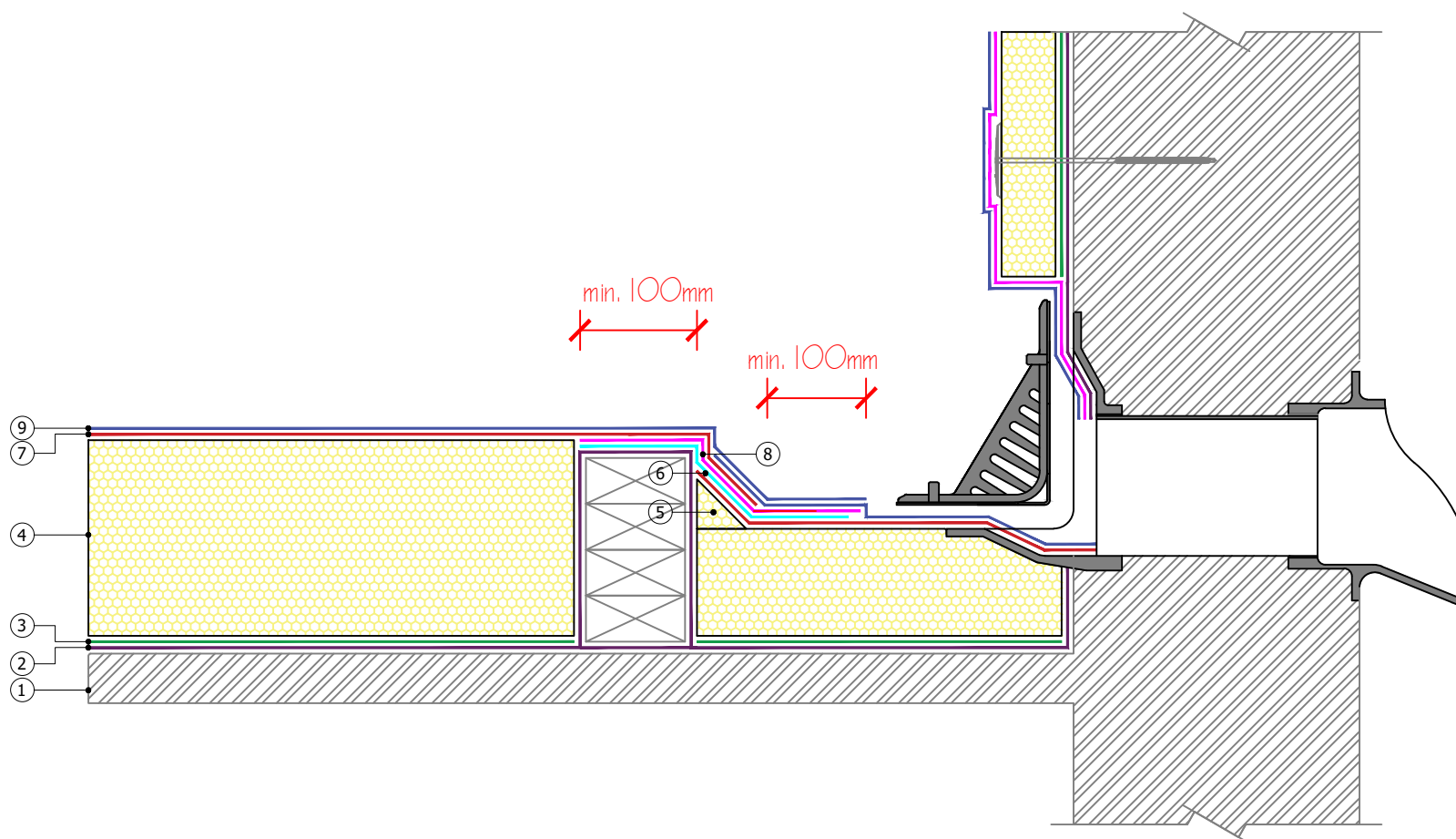
Proteus Pro-Felt® Endura



- ①  Substrate
- ②  Timber substrate: **Proteus Pro-Felt® Endura SA AVCL** and **Pro-Prime® SA**
- ②  Concrete/Asphalt/Felt substrate: **Proteus Pro-Felt® Endura AVCL** and **Pro-Prime® Bitumen**
- ③  **Pro-Bond Foaming** (adhesive)
- ④  **Proteus Pro-Therm Insulation** and **Pro-Prime® SA**
- ⑤  **Proteus Pro-Therm Non-Combustible Angle Fillet** and **Pro-Bond Foaming** (adhesive)
- ⑥  **Proteus Pro-Felt® Endura SA Underlay** reinforcement (25 and 30 year systems only)
- ⑦  **Proteus Pro-Felt® Endura SA Underlay** and **Pro-Prime® SA**
- ⑧  **Proteus Pro-Felt® SA Capsheet** and **Pro-Prime® SA**
- ⑨  Safe2Torch areas: **Proteus Pro-Felt® Endura SA Capsheet** and **Pro-Prime® SA**
- ⑨  **Proteus Pro-Felt® Endura Capsheet**

Lap Dimensions

Side Laps	≥ 80mm
End Laps	≥ 100mm
Upstand Laps	≥ 100mm



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Drawing No.:

SD_PFN_BUR_11

Roof Type:

BUR

Description:

Insulated Parapet Gutter

Scale:

NTS

Drawn:












W.Harding

Date:

15/04/2025

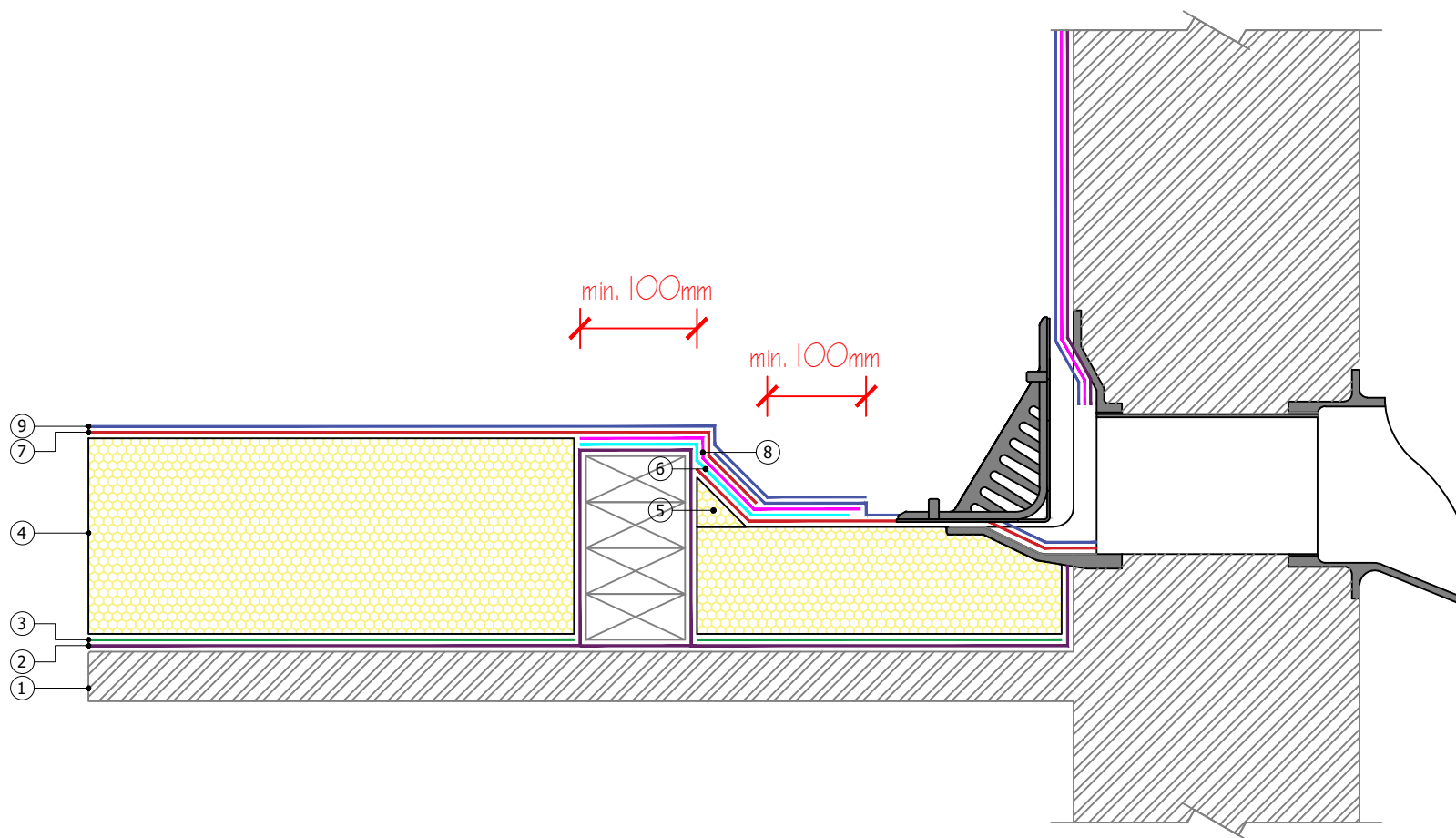
Proteus Pro-Felt® Endura



- ①  Substrate
- ②  Timber substrate: **Proteus Pro-Felt® Endura SA AVCL** and **Pro-Prime® SA**
- ②  Concrete/Asphalt/Felt substrate: **Proteus Pro-Felt® Endura AVCL** and **Pro-Prime® Bitumen**
- ③  **Pro-Bond Foaming** (adhesive)
- ④  **Proteus Pro-Therm Insulation** and **Pro-Prime® SA**
- ⑤  **Proteus Pro-Therm Non-Combustible Angle Fillet** and **Pro-Bond Foaming** (adhesive)
- ⑥  **Proteus Pro-Felt® Endura SA Underlay** reinforcement (25 and 30 year systems only)
- ⑦  **Proteus Pro-Felt® Endura SA Underlay** and **Pro-Prime® SA**
- ⑧  **Proteus Pro-Felt® SA Capsheet** and **Pro-Prime® SA**
- ⑨  Safe2Torch areas: **Proteus Pro-Felt® Endura SA Capsheet** and **Pro-Prime® SA**
- ⑨  **Proteus Pro-Felt® Endura Capsheet**

Lap Dimensions

Side Laps	≥ 80mm
End Laps	≥ 100mm
Upstand Laps	≥ 100mm



Proteus Waterproofing Ltd.

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

Tel: +44 (0)1268 777871

W: www.proteuswaterproofing.co.uk

E: 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.

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Drawing No.:

SD_PFN_BUR_12

Roof Type:

BUR

Description:

Uninsulated Parapet Outlet

Scale:

NTS

Drawn:

W.Harding













Date:

15/04/2025

Proteus Pro-Felt® Endura

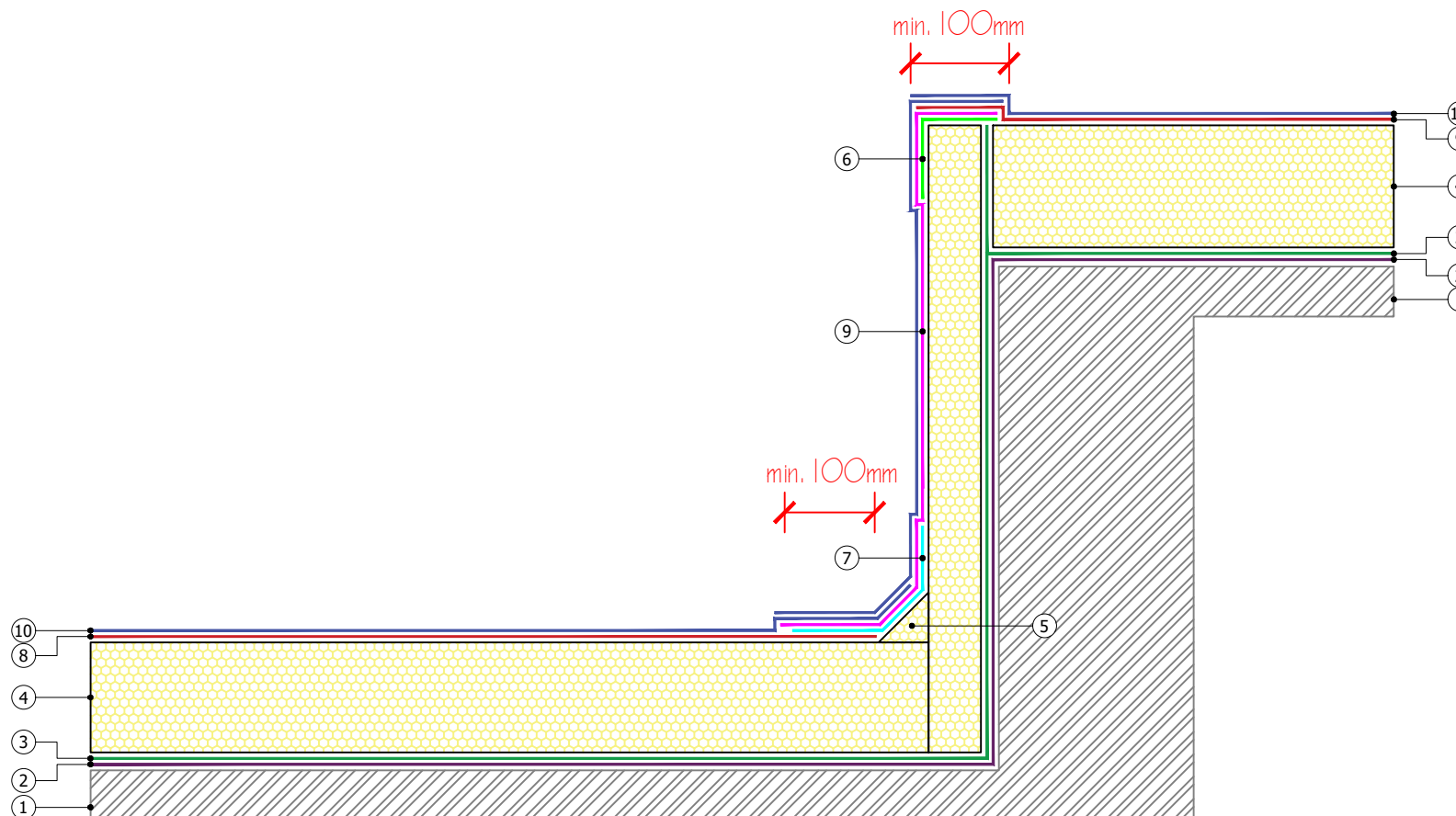


Proteus
WATERPROOFING

- ①  Substrate
- ②  Timber substrate: **Proteus Pro-Felt® Endura SA AVCL** and **Pro-Prime® SA**
- ②  Concrete/Asphalt/Felt substrate: **Proteus Pro-Felt® Endura AVCL** and **Pro-Prime® Bitumen**
- ③  **Pro-Bond Foaming** (adhesive)
- ④  **Proteus Pro-Therm Insulation** and **Pro-Prime® SA**
- 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 SA Underlay** reinforcement (25 and 30 year systems only)
- ⑧  **Proteus Pro-Felt® Endura SA Underlay** and **Pro-Prime® SA**
- ⑨  **Proteus Pro-Felt® SA Capsheet** and **Pro-Prime® SA**
- ⑩  Safe2Torch areas: **Proteus Pro-Felt® Endura SA Capsheet** and **Pro-Prime® SA**
- ⑩  **Proteus Pro-Felt® Endura Capsheet**

Lap Dimensions

Side Laps	≥ 80mm
End Laps	≥ 100mm
Upstand Laps	≥ 100mm



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Drawing No.:

SD_PFEN_BUR_13

Roof Type:

BUR

Description:

Roof Transition

Scale:

NTS

Drawn:

W.Harding

Date:

15/04/2025

Proteus Pro-Felt® Endura

