





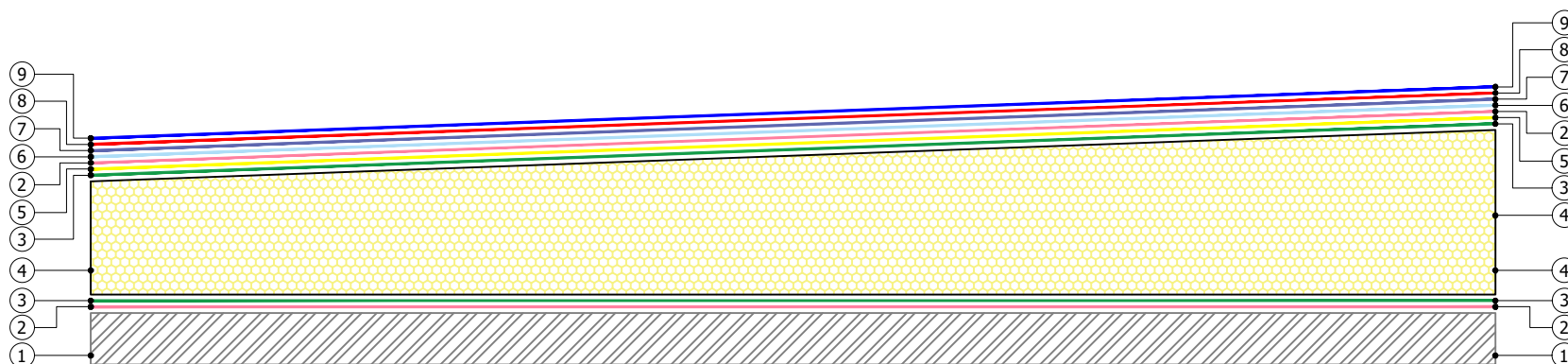


- ①  Substrate
- ②  **Pro-Vapour Control/Carrier Membrane SA and Pro-Prime® SA**
- ③  **Pro-Bond Foaming** (adhesive)
- ④  **Proteus Pro-Therm Insulation** (as per specification)
- ⑤  **Pro-Protection Board** (optional)
- ⑥  **Pro-BW® Plus Resin** (base coat) with embedded **Pro-Force 450** (reinforcement)
- ⑥  **Pro-BW® LO Resin** (base coat | low odour) with embedded **Pro-Force 450** (reinforcement)
- ⑦  **Pro-BW® Plus Resin** (top coat)
- ⑦  **Pro-BW® LO Resin** (top coat | low odour)
- ⑧  **Pro-BW® Plus Resin with Pro-Aggregate EM** (optional)
- ⑧  **Pro-BW® LO Resin with Pro-Aggregate EM** (optional | low odour)
- ⑨  **Pro-BW® Sealer** (optional)



## 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.

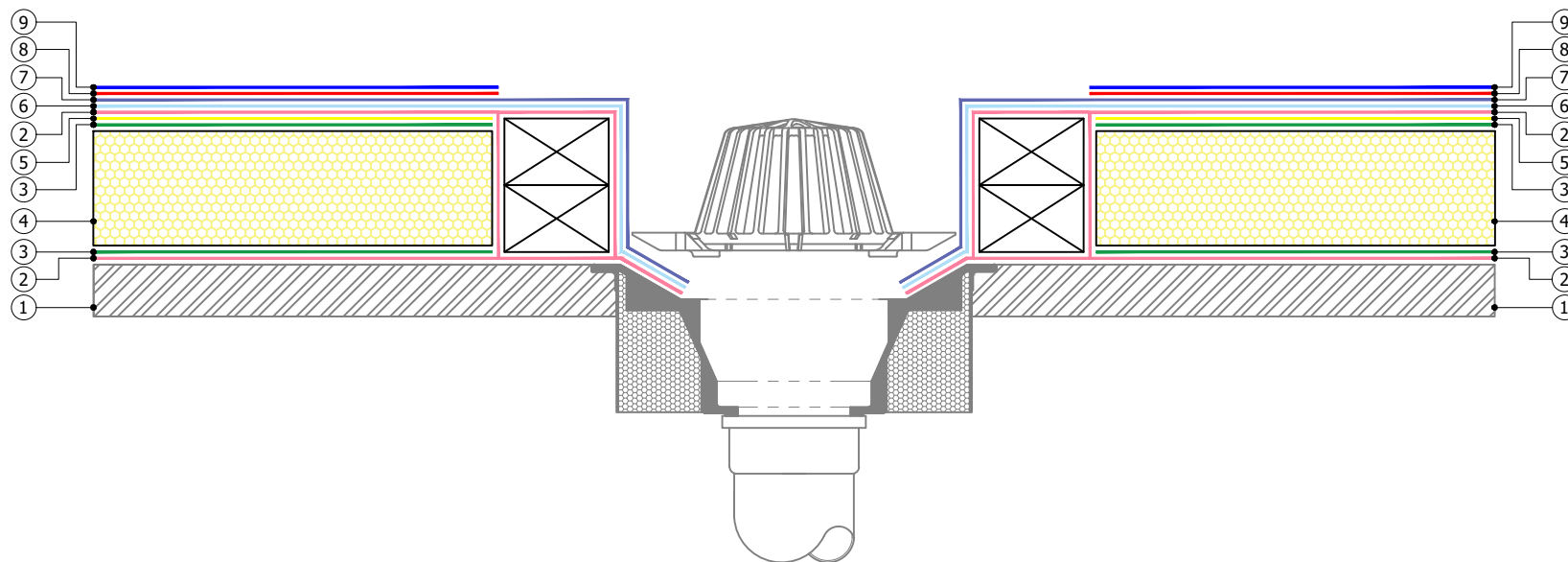
Drawing No.:		Roof Type:
<b>SD_PBW_BUR_01</b>		<b>BUR</b>
Description:		
<b>Horizontal Surface</b>		
Scale:	Drawn:	Date:
<b>NTS</b>	<b>W.Harding</b>	<b>18/06/2025</b>

Pro-BW®



**Proteus**  
**WATERPROOFING**

- ①  Substrate
- ②  **Pro-Vapour Control/Carrier Membrane SA** and **Pro-Prime® SA**
- ③  **Pro-Bond Foaming** (adhesive)
- ④  **Proteus Pro-Therm Insulation** (as per specification)
- ⑤  **Pro-Protection Board** (optional)
- ⑥  **Pro-BW® Plus Resin** (base coat) with embedded **Pro-Force 450** (reinforcement)
- ⑥  **Pro-BW® LO Resin** (base coat | low odour) with embedded **Pro-Force 450** (reinforcement)
- ⑦  **Pro-BW® Plus Resin** (top coat)
- ⑦  **Pro-BW® LO Resin** (top coat | low odour)
- ⑧  **Pro-BW® Plus Resin** with **Pro-Aggregate EM** (optional)
- ⑧  **Pro-BW® LO Resin** with **Pro-Aggregate EM** (optional | low odour)
- ⑨  **Pro-BW® Sealer** (optional)



## 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_PBW_BUR_02</b>		<b>BUR</b>
Description:		
<b>Vertical Rainwater Outlet</b>		
Scale:	Drawn:	Date:
<b>NTS</b>	<b>W.Harding</b>	<b>18/06/2025</b>

Pro-BW®
















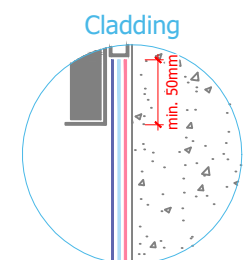
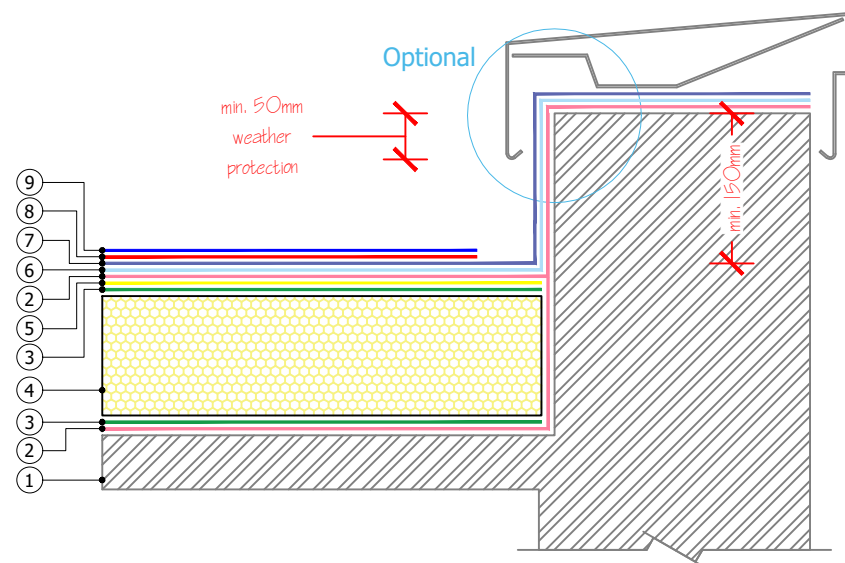
**Proteus**  
**WATERPROOFING**

- 
- 10 ——— Pro-BW® Sealer (optional)  
11 ■ Proteus Sealant
- min. 150mm
- 1 2 3 4 5 6 7 8 9 10 11

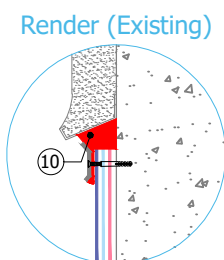
# Proteus

## WATERPROOFING

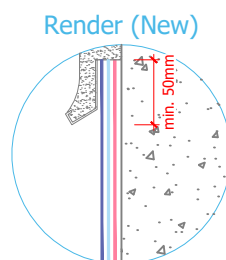
- ①  Substrate
- ②  **Pro-Vapour Control/Carrier Membrane SA and Pro-Prime<sup>®</sup> SA**
- ③  **Pro-Bond Foaming** (adhesive)
- ④  **Proteus Pro-Therm Insulation** (as per specification)
- ⑤  **Proteus Pro-Protection Board** (optional)
- ⑥  **Pro-BW<sup>®</sup> Plus Resin** (base coat) with embedded **Pro-Force 450** (reinforcement)
- ⑥  **Pro-BW<sup>®</sup> LO Resin** (base coat | low odour) with embedded **Pro-Force 450** (reinforcement)
- ⑦  **Pro-BW<sup>®</sup> Plus Resin** (top coat)
- ⑦  **Pro-BW<sup>®</sup> LO Resin** (top coat | low odour)
- ⑧  **Pro-BW<sup>®</sup> Plus Resin with Pro-Aggregate EM** (optional)
- ⑧  **Pro-BW<sup>®</sup> LO Resin with Pro-Aggregate EM** (optional | low odour)
- ⑨  **Pro-BW<sup>®</sup> Sealer** (optional)
- ⑩  **Proteus Sealant**



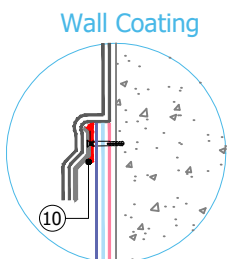
**A** New vertical cladding installed to provide minimum 50mm weathering lap



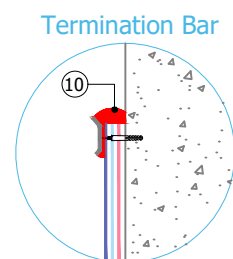
**B** Seal with a continuous minimum 6mm bead of **Proteus Sealant** following through cure of the System



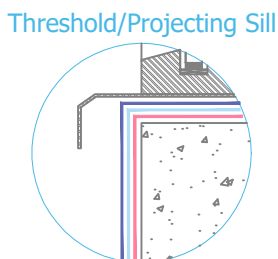
**C** Traditional render application with mechanically fixed bell cast/stop bead installed to overlap Waterproofing membrane by minimum 50mm



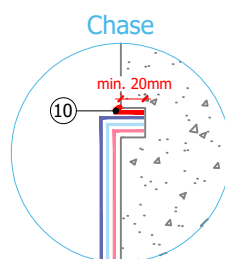
**D** Mechanically fixed **Proteus Counter Flashing** used as the lower termination position of the specified wall coating



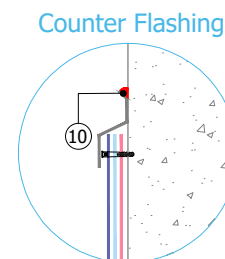
**E** Waterproofing System terminated with a mechanically fixed **Proteus Termination Bar**, sealed and bedded with **Proteus Sealant**



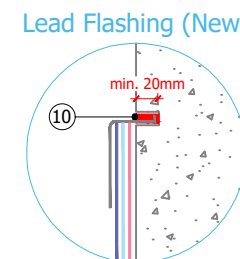
**F** Waterproofing System terminated tightly at the junction with the projecting sill and sealed with **Proteus Sealant**



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



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



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

## 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\_PBW\_BUR\_04**

Roof Type:

**BUR**

Description:

**Uprand Terminations**

Scale:  
**NTS**




Drawn:  
**W.Harding**

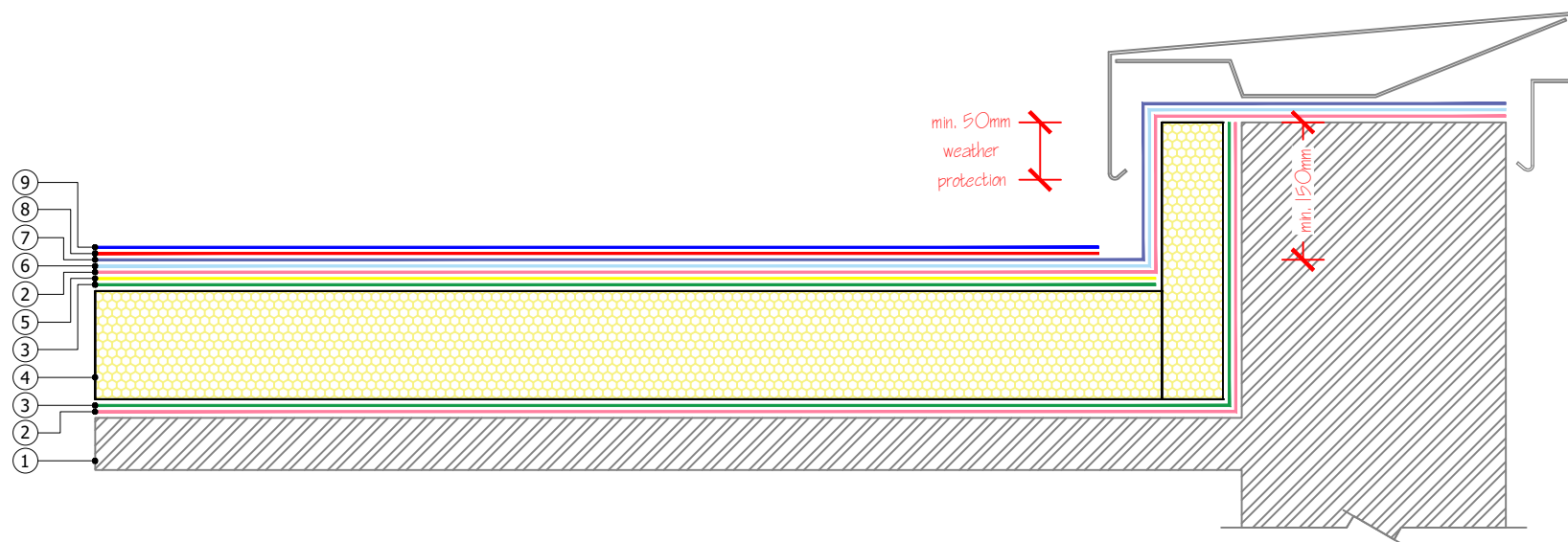
Date:  
**18/06/2025**

**Pro-BW<sup>®</sup>**



**Proteus**  
**WATERPROOFING**

- ①  Substrate
- ②  **Pro-Vapour Control/Carrier Membrane SA** and **Pro-Prime® SA**
- ③  **Pro-Bond Foaming** (adhesive)
- ④  **Proteus Pro-Therm Insulation** (as per specification)
- ⑤  **Pro-Protection Board** (optional)
- ⑥  **Pro-BW® Plus Resin** (base coat) with embedded **Pro-Force 450** (reinforcement)
- ⑥  **Pro-BW® LO Resin** (base coat | low odour) with embedded **Pro-Force 450** (reinforcement)
- ⑦  **Pro-BW® Plus Resin** (top coat)
- ⑦  **Pro-BW® LO Resin** (top coat | low odour)
- ⑧  **Pro-BW® Plus Resin** with **Pro-Aggregate EM** (optional)
- ⑧  **Pro-BW® LO Resin** with **Pro-Aggregate EM** (optional | low odour)
- ⑨  **Pro-BW® Sealer** (optional)



## 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.

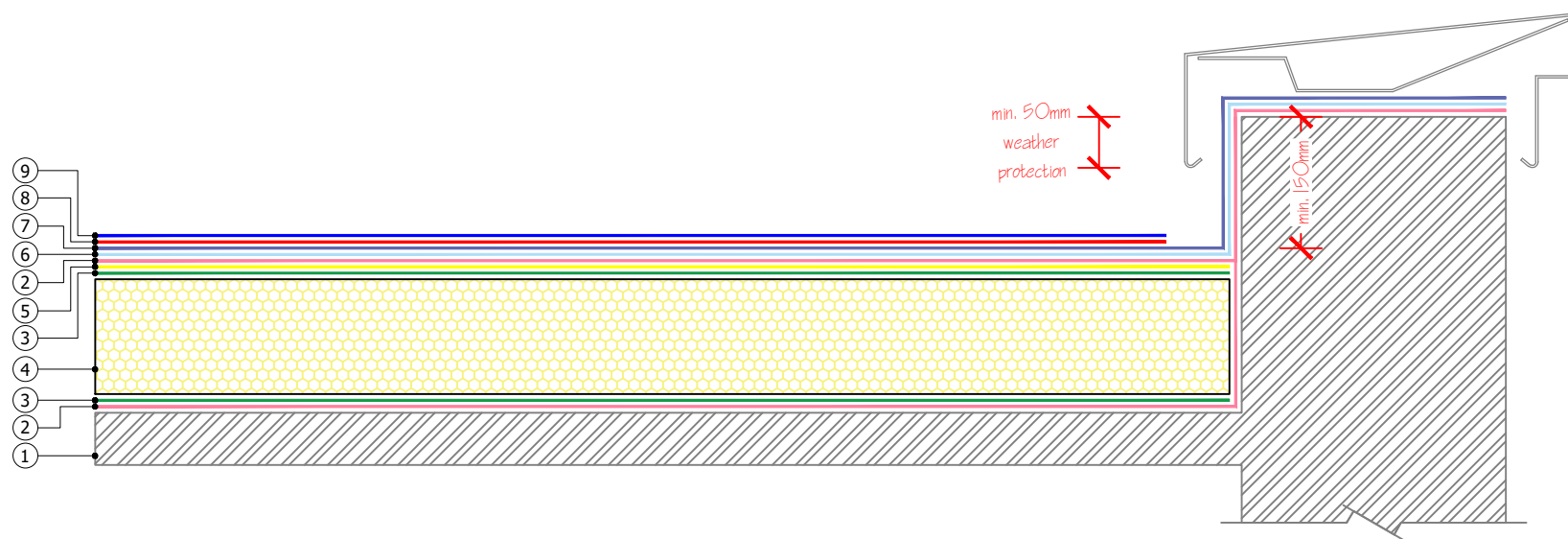
For refurbishment projects, all aspects of the existing roof are deemed to be fully compliant with BS 6229 (Code of practice for flat roofs with continuously supported coverings) or improved upon for instances where these standards are not met.

© This drawing is the copyright of Proteus Waterproofing Ltd.

Drawing No.:		Roof Type:
<b>SD_PBW_BUR_05</b>		<b>BUR</b>
Description:		
<b>Insulated Parapet - Capping</b>		
Scale:	Drawn:	Date:
<b>NTS</b>	<b>W.Harding</b>	<b>18/06/2025</b>



- ①  Substrate
- ②  **Pro-Vapour Control/Carrier Membrane SA** and **Pro-Prime® SA**
- ③  **Pro-Bond Foaming** (adhesive)
- ④  **Proteus Pro-Therm Insulation** (as per specification)
- ⑤  **Pro-Protection Board** (optional)
- ⑥  **Pro-BW® Plus Resin** (base coat) with embedded **Pro-Force 450** (reinforcement)
- ⑥  **Pro-BW® LO Resin** (base coat | low odour) with embedded **Pro-Force 450** (reinforcement)
- ⑦  **Pro-BW® Plus Resin** (top coat)
- ⑦  **Pro-BW® LO Resin** (top coat | low odour)
- ⑧  **Pro-BW® Plus Resin** with **Pro-Aggregate EM** (optional)
- ⑧  **Pro-BW® LO Resin** with **Pro-Aggregate EM** (optional | low odour)
- ⑨  **Pro-BW® Sealer** (optional)



## 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.

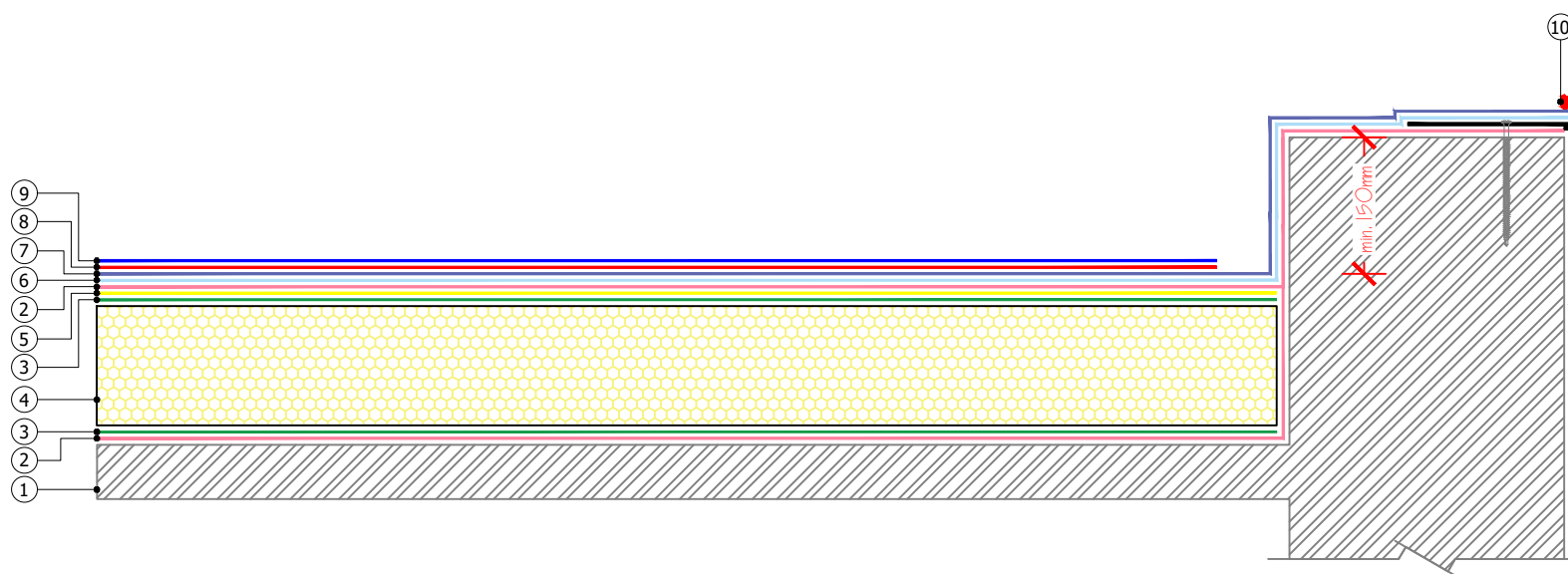
© This drawing is the copyright of Proteus Waterproofing Ltd.

Drawing No.:		Roof Type:
<b>SD_PBW_BUR_06</b>		<b>BUR</b>
Description:		
<b>Uninsulated Parapet - Capping</b>		
Scale:	Drawn:	Date:
<b>NTS</b>	<b>W.Harding</b>	<b>18/06/2025</b>





- ①  Substrate
- ②  **Pro-Vapour Control/Carrier Membrane SA and Pro-Prime® SA**
- ③  **Pro-Bond Foaming** (adhesive)
- ④  **Proteus Pro-Therm Insulation** (as per specification)
- ⑤  **Pro-Protection Board** (optional)
- ⑥  **Pro-BW® Plus Resin** (base coat) with embedded **Pro-Force 450** (reinforcement)
- ⑥  **Pro-BW® LO Resin** (base coat | low odour) with embedded **Pro-Force 450** (reinforcement)
- ⑦  **Pro-BW® Plus Resin** (top coat)
- ⑦  **Pro-BW® LO Resin** (top coat | low odour)
- ⑧  **Pro-BW® Plus Resin with Pro-Aggregate EM** (optional)
- ⑧  **Pro-BW® LO Resin with Pro-Aggregate EM** (optional | low odour)
- ⑨  **Pro-BW® Sealer** (optional)
- ⑩  **GRP Trim** (mechanically fixed) and **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.

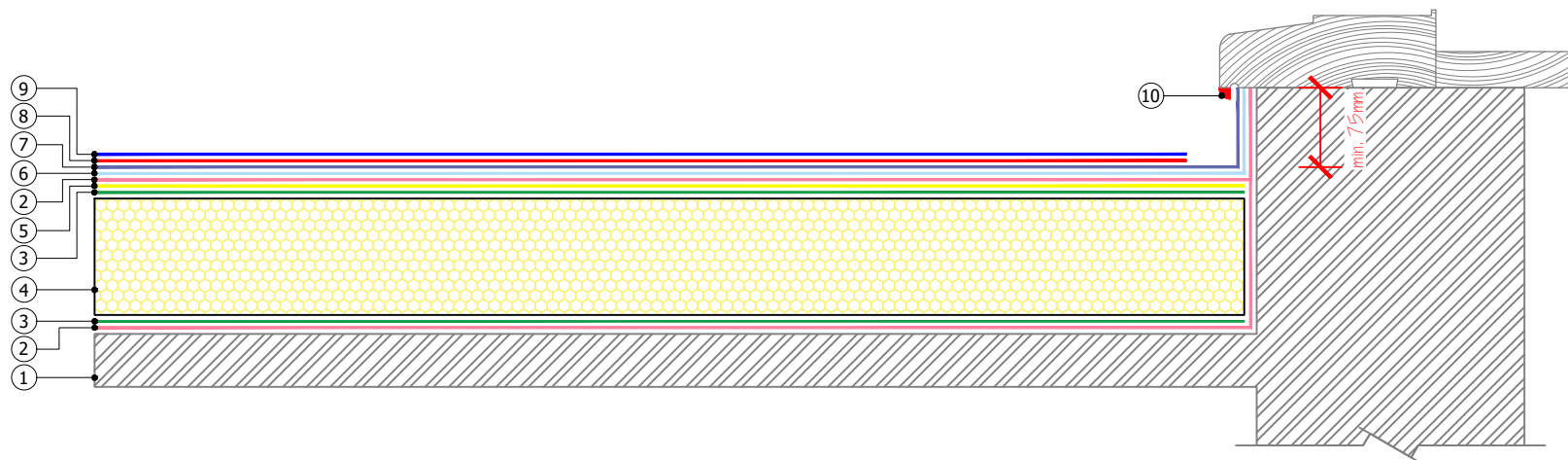
For refurbishment projects, all aspects of the existing roof are deemed to be fully compliant with BS 6229 (Code of practice for flat roofs with continuously supported coverings) or improved upon for instances where these standards are not met.

© This drawing is the copyright of Proteus Waterproofing Ltd.

Drawing No.:		Roof Type:
<b>SD_PBW_BUR_07</b>		<b>BUR</b>
Description:		
<b>Parapet - GRP Trim</b>		
Scale:	Drawn:	Date:
<b>NTS</b>	<b>W.Harding</b>	<b>18/06/2025</b>



- ①  Substrate
- ②  **Pro-Vapour Control/Carrier Membrane SA** and **Pro-Prime® SA**
- ③  **Pro-Bond Foaming** (adhesive)
- ④  **Proteus Pro-Therm Insulation** (as per specification)
- ⑤  **Pro-Protection Board** (optional)
- ⑥  **Pro-BW® Plus Resin** (base coat) with embedded **Pro-Force 450** (reinforcement)
- ⑥  **Pro-BW® LO Resin** (base coat | low odour) with embedded **Pro-Force 450** (reinforcement)
- ⑦  **Pro-BW® Plus Resin** (top coat)
- ⑦  **Pro-BW® LO Resin** (top coat | low odour)
- ⑧  **Pro-BW® Plus Resin** with **Pro-Aggregate EM** (optional)
- ⑧  **Pro-BW® LO Resin** with **Pro-Aggregate EM** (optional | low odour)
- ⑨  **Pro-BW® Sealer** (optional)
- ⑩  **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\_PBW\_BUR\_08**

Roof Type:

**BUR**

Description:

**Threshold (Existing) - Sealant**

Scale:

**NTS**

Drawn:

**W.Harding**

Date:














**18/06/2025**

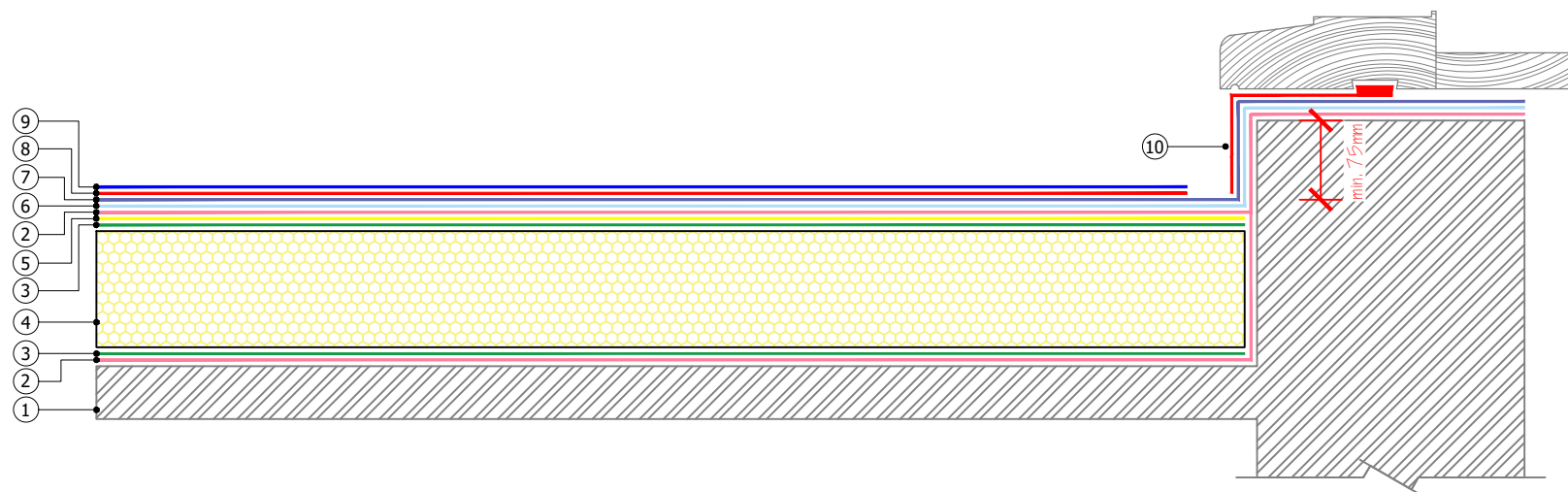
**Pro-BW®**



**Proteus**  
**WATERPROOFING**



- ①  Substrate
- ②  **Pro-Vapour Control/Carrier Membrane SA** and **Pro-Prime® SA**
- ③  **Pro-Bond Foaming** (adhesive)
- ④  **Proteus Pro-Therm Insulation** (as per specification)
- ⑤  **Pro-Protection Board** (optional)
- ⑥  **Pro-BW® Plus Resin** (base coat) with embedded **Pro-Force 450** (reinforcement)
- ⑥  **Pro-BW® LO Resin** (base coat | low odour) with embedded **Pro-Force 450** (reinforcement)
- ⑦  **Pro-BW® Plus Resin** (top coat)
- ⑦  **Pro-BW® LO Resin** (top coat | low odour)
- ⑧  **Pro-BW® Plus Resin with Pro-Aggregate EM** (optional)
- ⑧  **Pro-BW® LO Resin with Pro-Aggregate EM** (optional | low odour)
- ⑨  **Pro-BW® Sealer** (optional)
- ⑩  EPDM membrane (min. 100mm lap onto waterproofing)



## 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\_PBW\_BUR\_09**

Roof Type:

**BUR**

Description:

**Threshold (New) - EPDM**

Scale:

**NTS**

Drawn:

**W.Harding**














Date:

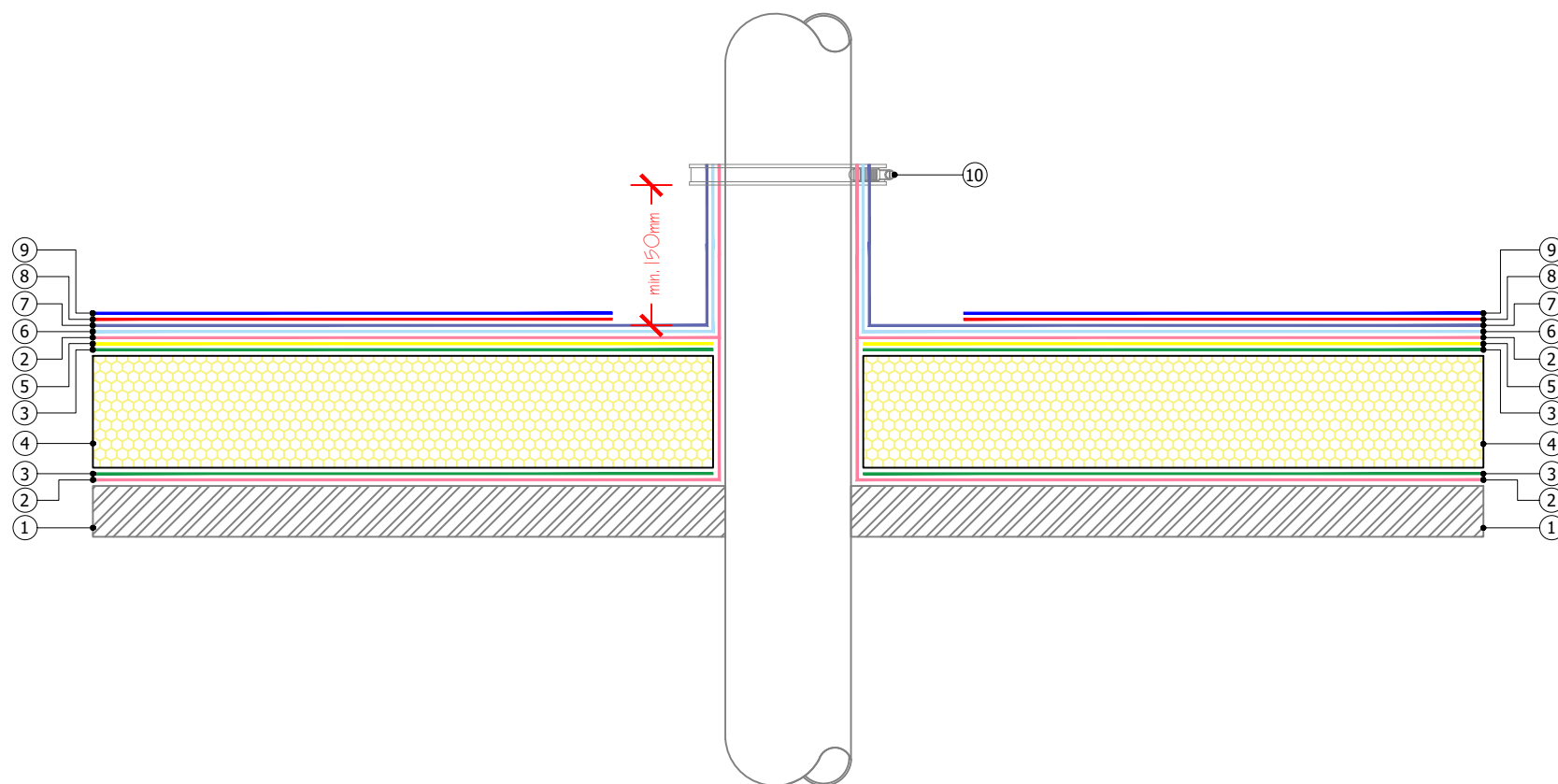
**18/06/2025**

**Pro-BW®**



**Proteus**  
**WATERPROOFING**

- ①  Substrate
- ②  **Pro-Vapour Control/Carrier Membrane SA and Pro-Prime® SA**
- ③  **Pro-Bond Foaming** (adhesive)
- ④  **Proteus Pro-Therm Insulation** (as per specification)
- ⑤  **Pro-Protection Board** (optional)
- ⑥  **Pro-BW® Plus Resin** (base coat) with embedded **Pro-Force 450** (reinforcement)
- ⑥  **Pro-BW® LO Resin** (base coat | low odour) with embedded **Pro-Force 450** (reinforcement)
- ⑦  **Pro-BW® Plus Resin** (top coat)
- ⑦  **Pro-BW® LO Resin** (top coat | low odour)
- ⑧  **Pro-BW® Plus Resin with Pro-Aggregate EM** (optional)
- ⑧  **Pro-BW® LO Resin with Pro-Aggregate EM** (optional | low odour)
- ⑨  **Pro-BW® Sealer** (optional)
- ⑩  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.

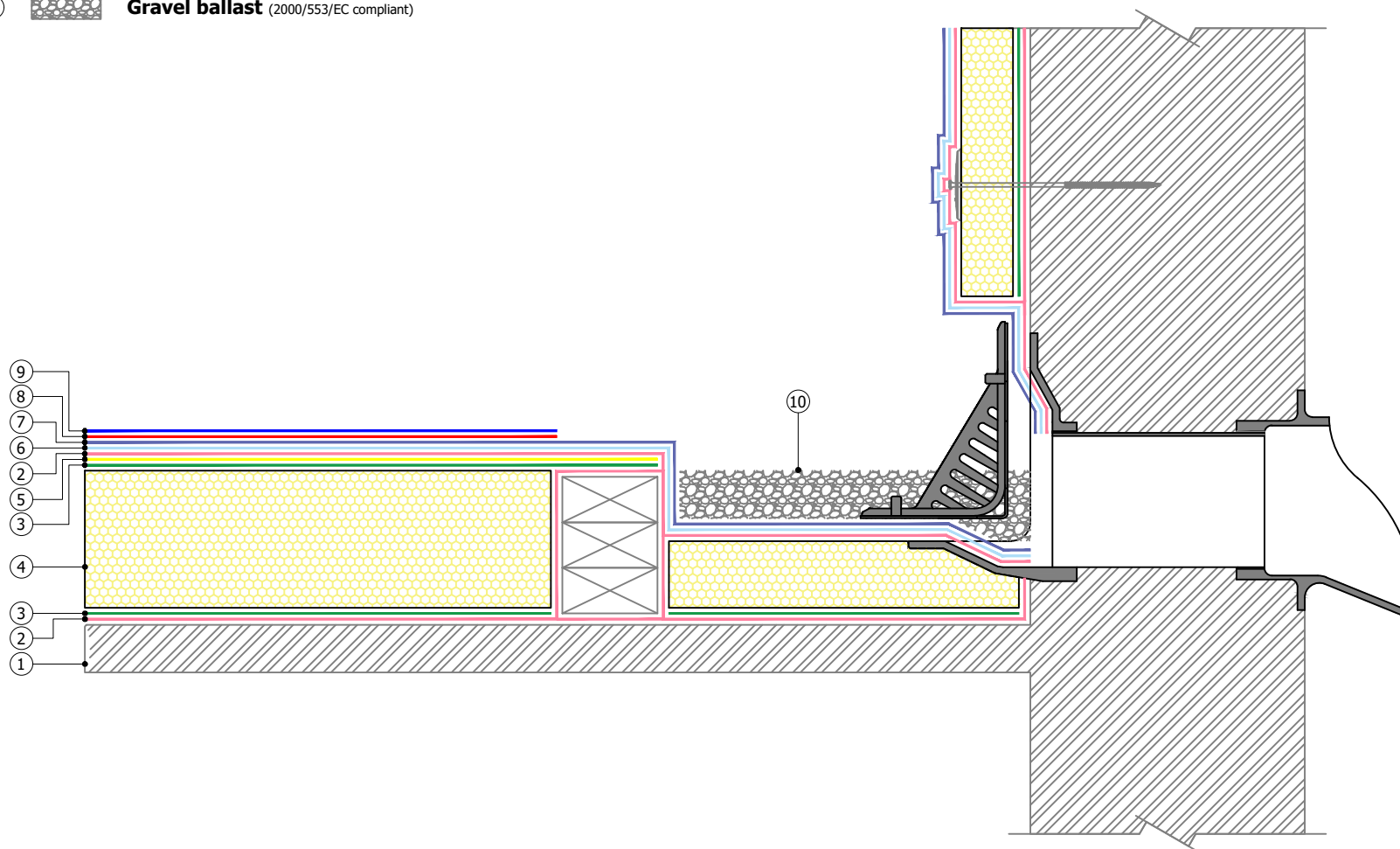
Drawing No.: <b>SD_PBW_BUR_10</b>		Roof Type: <b>BUR</b>
Description: <b>Cold Pipe Penetration</b>		
Scale: <b>NTS</b>	Drawn: <b>W.Harding</b>	Date: <b>18/06/2025</b>

Pro-BW®



**Proteus**  
**WATERPROOFING**

- ①  Substrate
- ②  **Pro-Vapour Control/Carrier Membrane SA and Pro-Prime<sup>®</sup> SA**
- ③  **Pro-Bond Foaming** (adhesive)
- ④  **Proteus Pro-Therm Insulation** (as per specification)
- ⑤  **Pro-Protection Board** (optional)
- ⑥  **Pro-BW<sup>®</sup> Plus Resin** (base coat) with embedded **Pro-Force 450** (reinforcement)
- ⑥  **Pro-BW<sup>®</sup> LO Resin** (base coat | low odour) with embedded **Pro-Force 450** (reinforcement)
- ⑦  **Pro-BW<sup>®</sup> Plus Resin** (top coat)
- ⑦  **Pro-BW<sup>®</sup> LO Resin** (top coat | low odour)
- ⑧  **Pro-BW<sup>®</sup> Plus Resin with Pro-Aggregate EM** (optional)
- ⑧  **Pro-BW<sup>®</sup> LO Resin with Pro-Aggregate EM** (optional | low odour)
- ⑨  **Pro-BW<sup>®</sup> Sealer** (optional)
- ⑩  **Gravel ballast** (2000/553/EC compliant)



## 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\_PBW\_BUR\_11**

Roof Type:

**BUR**

Description:

**Insulated Parapet Gutter**

Scale:

**NTS**

Drawn:

**W.Harding**














Date:

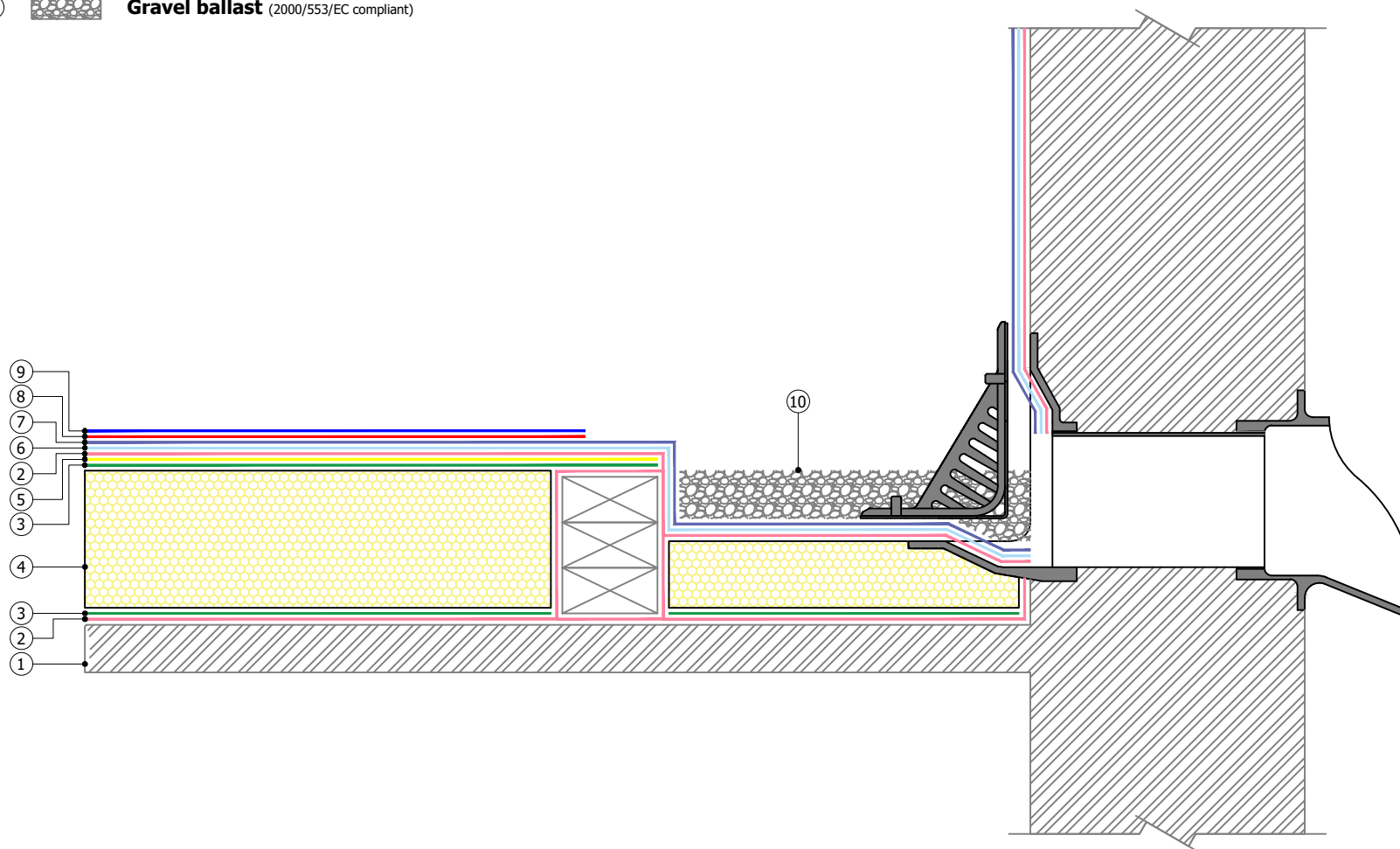
**18/06/2025**

**Pro-BW<sup>®</sup>**



**Proteus**  
**WATERPROOFING**

- ①  Substrate
- ②  **Pro-Vapour Control/Carrier Membrane SA and Pro-Prime® SA**
- ③  **Pro-Bond Foaming** (adhesive)
- ④  **Proteus Pro-Therm Insulation** (as per specification)
- ⑤  **Pro-Protection Board** (optional)
- ⑥  **Pro-BW® Plus Resin** (base coat) with embedded **Pro-Force 450** (reinforcement)
- ⑥  **Pro-BW® LO Resin** (base coat | low odour) with embedded **Pro-Force 450** (reinforcement)
- ⑦  **Pro-BW® Plus Resin** (top coat)
- ⑦  **Pro-BW® LO Resin** (top coat | low odour)
- ⑧  **Pro-BW® Plus Resin with Pro-Aggregate EM** (optional)
- ⑧  **Pro-BW® LO Resin with Pro-Aggregate EM** (optional | low odour)
- ⑨  **Pro-BW® Sealer** (optional)
- ⑩  **Gravel ballast** (2000/553/EC compliant)



## 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\_PBW\_BUR\_12**

Roof Type:

**BUR**

Description:

**Uninsulated Parapet Gutter**

Scale:

**NTS**

Drawn:

**W.Harding**














Date:

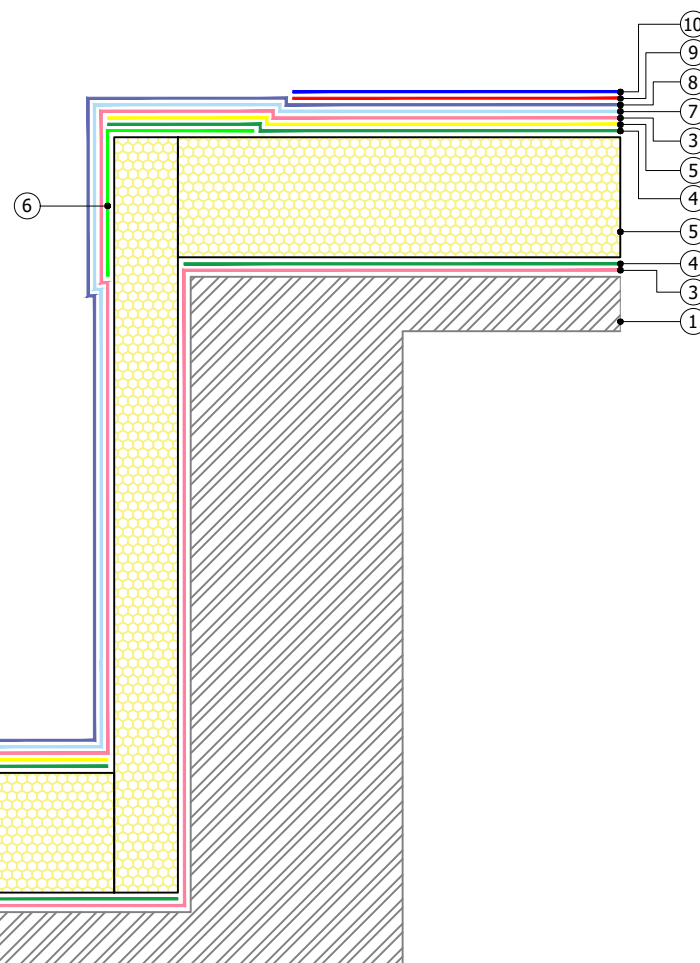
**18/06/2025**

**Pro-BW®**



**Proteus**  
**WATERPROOFING**

- ①  Substrate
- ②  **Pro-Vapour Control/Carrier Membrane SA and Pro-Prime® SA**
- ③  **Pro-Bond Foaming** (adhesive)
- ④  **Proteus Pro-Therm Insulation** (as per specification)
- ⑤  **Pro-Protection Board** (optional)
- ⑥  Metal Angle (by others)
- ⑦  **Pro-BW® Plus Resin** (base coat) with embedded **Pro-Force 450** (reinforcement)
- ⑦  **Pro-BW® LO Resin** (base coat | low odour) with embedded **Pro-Force 450** (reinforcement)
- ⑧  **Pro-BW® Plus Resin** (top coat)
- ⑧  **Pro-BW® LO Resin** (top coat | low odour)
- ⑨  **Pro-BW® Plus Resin with Pro-Aggregate EM** (optional)
- ⑨  **Pro-BW® LO Resin with Pro-Aggregate EM** (optional | low odour)
- ⑩  **Pro-BW® Sealer** (optional)



## 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\_PBW\_BUR\_13**

Roof Type:

**BUR**

Description:

**Roof Transition**

Scale:

**NTS**

Drawn:

**W.Harding**



















Date:

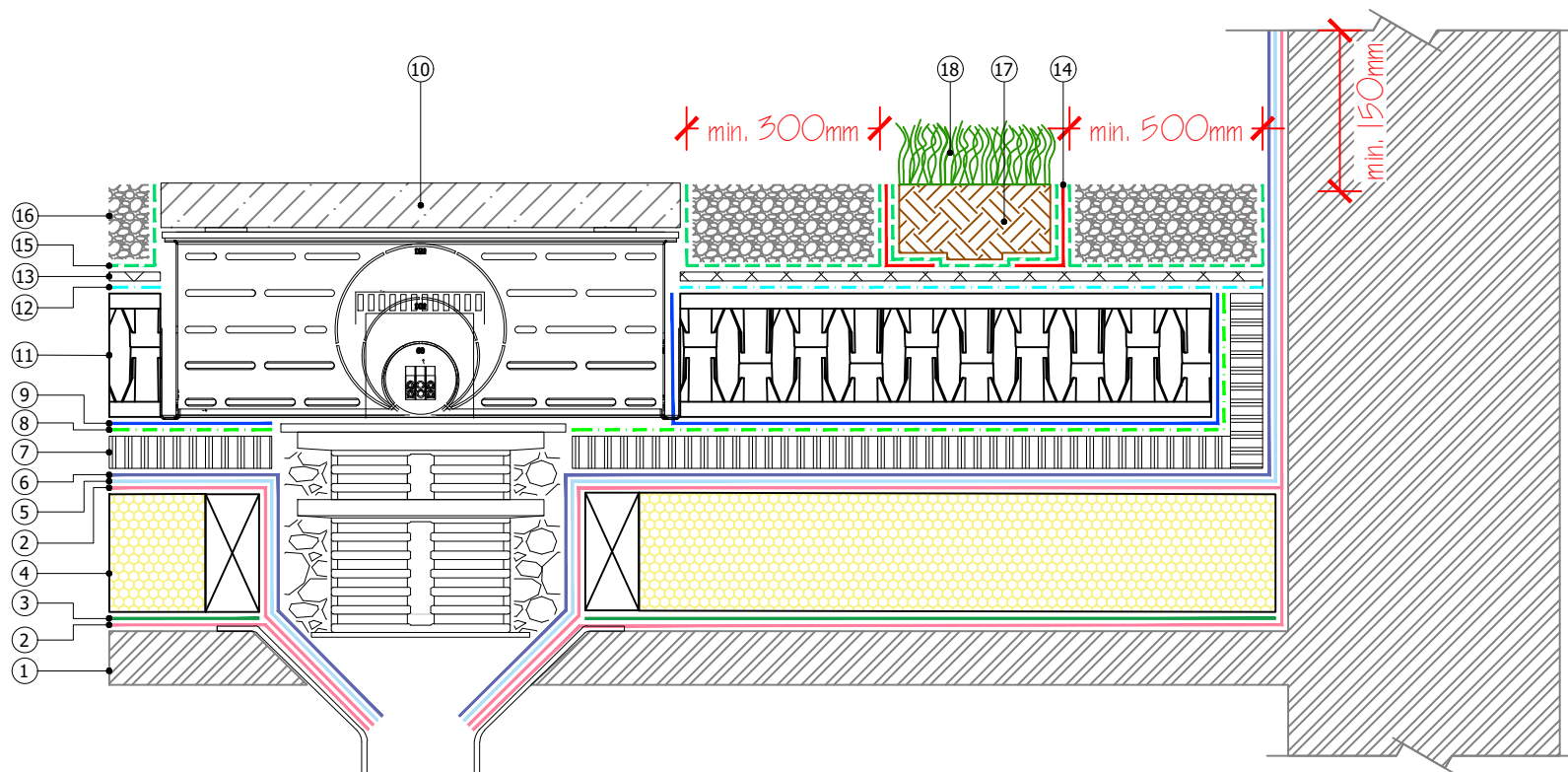
**18/06/2025**

**Pro-BW®**



**Proteus**  
**WATERPROOFING**

- |   |   |  |   |   |  |
|---|---|--|---|---|--|
| ① |   | Substrate  | ⑩ |  | Pro-Living® Blue Boxx Access/Diffuser Unit               |
| ② |  | Pro-Vapour Control/Carrier Membrane SA and Pro-Prime® SA               | ⑪ |  | Pro-Living® Blue Boxx (size as per specification design) |
| ③ |  | Pro-Bond Foaming (adhesive)  | ⑫ |  | Pro-Living® 125 Geotextile                               |
| ④ |  | Proteus Pro-Therm Insulation (tissue faced)                            | ⑬ |  | Pro-Living® DR8 Drainage Board                           |
| ⑤ |  | Pro-BW® Plus Resin base coat with embedded Pro-Force 450 reinforcement | ⑭ |  | Pro-Living® Drainage Trim                                |
| ⑥ |  | Pro-BW® Plus Resin top coat  | ⑮ |  | Pro-Living® Filter Fleece                                |
| ⑦ |  | Pro-Living® Blue Boxx 30mm   | ⑯ |   | Gravel ballast (2000/553/EC compliant)                   |
| ⑧ |  | Pro-Living® Blue Boxx HD-350 Geotextile                                | ⑰ |  | Pro-Living® Substrate (min. 80mm settled depth)          |
| ⑨ |  | Pro-Living® Aqua Wrap  | ⑱ |  | Pro-Living® Vegetation                                   |



## 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\_PBWP\_BUR\_14**

Roof Type:

**BUR**

Description:

**Blue Roof**

Scale:

**NTS**

Drawn:

**W.Harding**

Date:
















**15/04/2025**

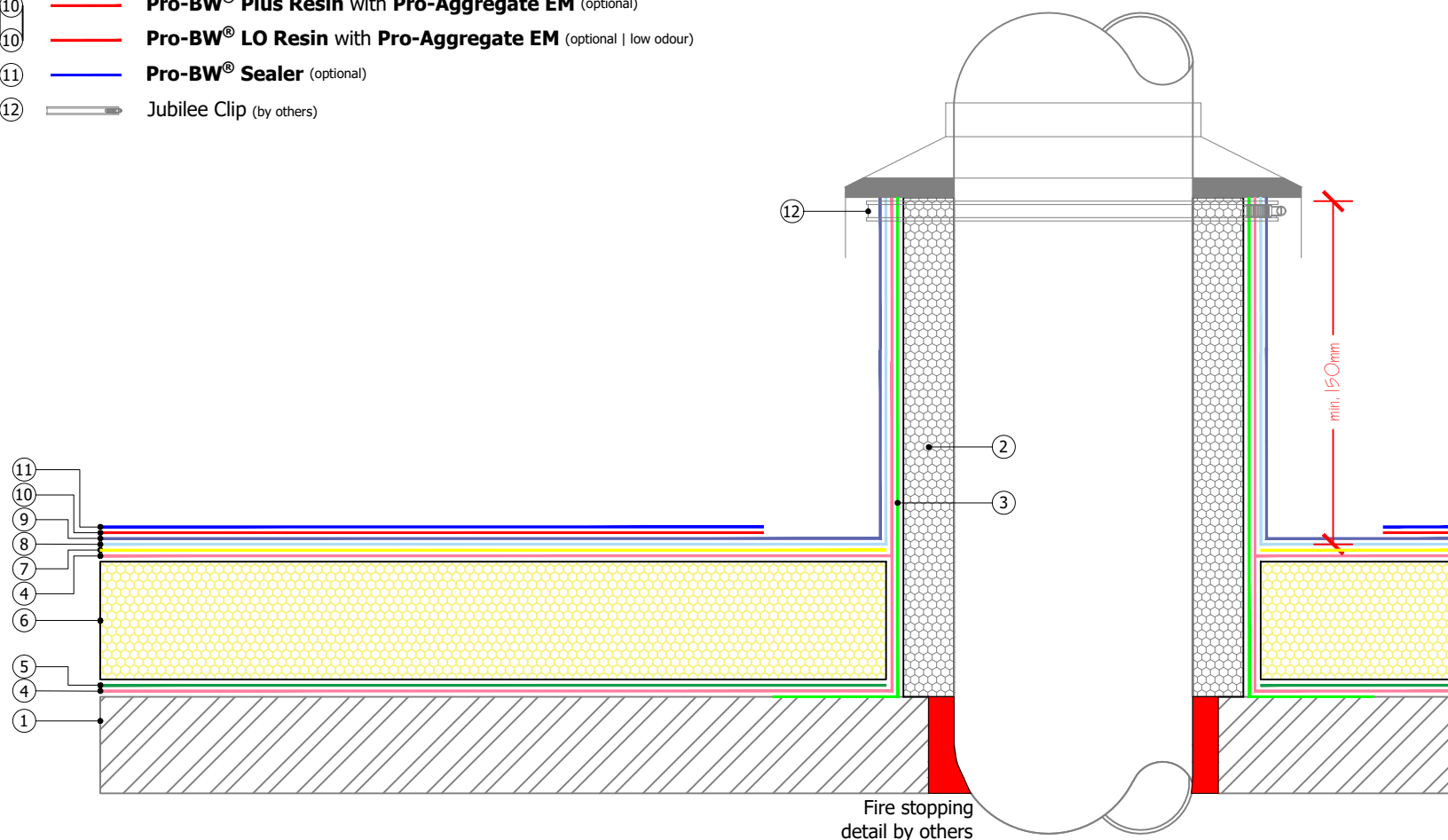
**Pro-BW® Plus**



**Proteus**  
**WATERPROOFING**



- ①  Substrate
- ②  Non-combustible Insulation (by others)
- ③  Metal Angle (by others)
- ④  **Pro-Vapour Control/Carrier Membrane SA and Pro-Prime® SA**
- ⑤  **Pro-Bond Foaming** (adhesive)
- ⑥  **Proteus Pro-Therm Insulation** (as per specification)
- ⑦  **Pro-Protection Board** (optional)
- ⑧  **Pro-BW® Plus Resin** (base coat) with embedded **Pro-Force 450** (reinforcement)
- ⑧  **Pro-BW® LO Resin** (base coat | low odour) with embedded **Pro-Force 450** (reinforcement)
- ⑨  **Pro-BW® Plus Resin** (top coat)
- ⑨  **Pro-BW® LO Resin** (top coat | low odour)
- ⑩  **Pro-BW® Plus Resin with Pro-Aggregate EM** (optional)
- ⑩  **Pro-BW® LO Resin with Pro-Aggregate EM** (optional | low odour)
- ⑪  **Pro-BW® Sealer** (optional)
- ⑫  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.:

**SD\_PBWP\_BUR\_15**

Roof Type:

**BUR**

Description:

**Hot pipe penetration**

Scale:

**NTS**

Drawn:

**W.Harding**











Date:

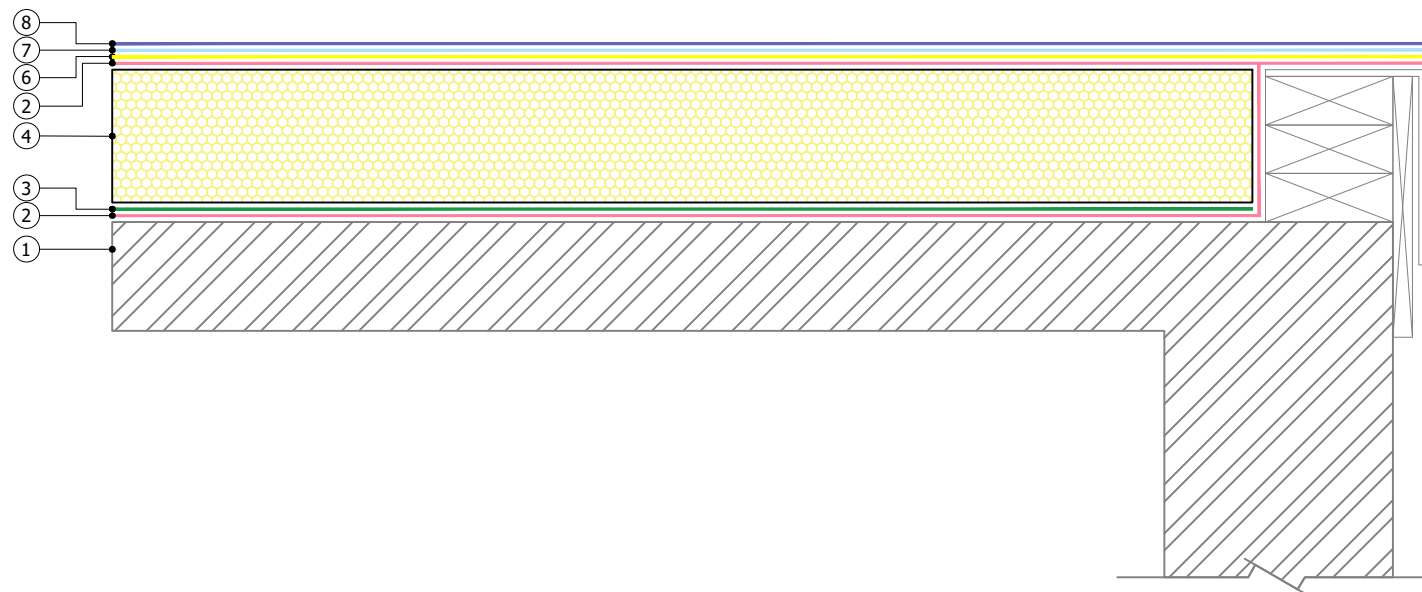
**18/06/2025**

**Pro-BW® Plus**



**Proteus**  
**WATERPROOFING**

- ①  Substrate
- ②  **Pro-Vapour Control/Carrier Membrane SA** and **Pro-Prime® SA**
- ③  **Pro-Bond Foaming** (adhesive)
- ④  **Proteus Pro-Therm Insulation** (as per specification)
- ⑤  Metal Angle (by others)
- ⑥  **Pro-Protection Board** (optional)
- ⑦  **Pro-BW® Plus Resin** (base coat) with embedded **Pro-Force 450** (reinforcement)
- ⑦  **Pro-BW® LO Resin** (base coat | low odour) with embedded **Pro-Force 450** (reinforcement)
- ⑧  **Pro-BW® Plus Resin** (top coat)
- ⑧  **Pro-BW® LO Resin** (top coat | low odour)



## 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\_PBWP\_BUR\_16**

Roof Type:

**BUR**

Description:

**Drip Edge for Lift Overrun**

Scale:

**NTS**

Drawn:

**W.Harding**










Date:

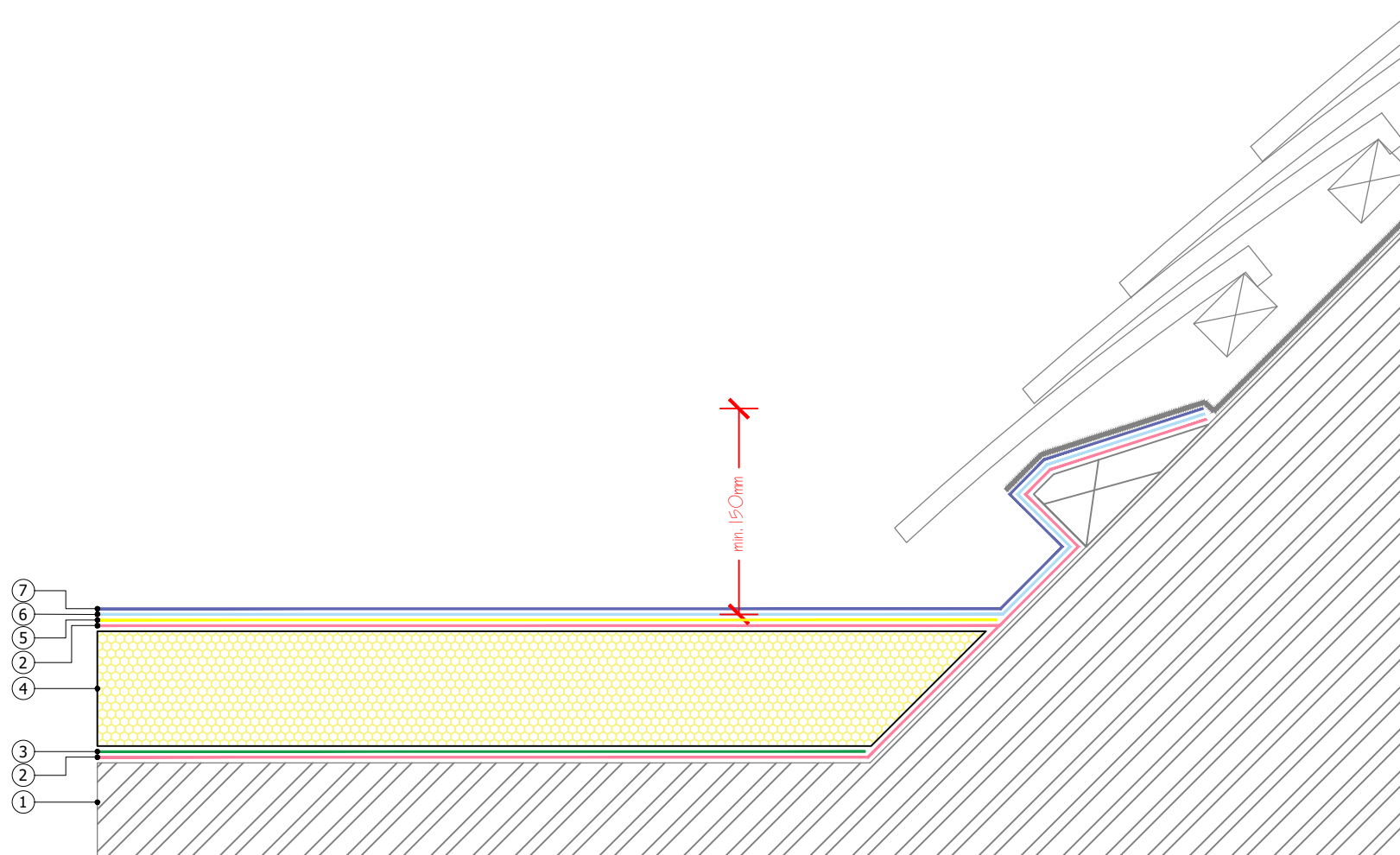
**18/06/2025**

**Pro-BW® Plus**



**Proteus**  
**WATERPROOFING**

- ①  Substrate
- ②  **Pro-Vapour Control/Carrier Membrane SA and Pro-Prime® SA**
- ③  **Pro-Bond Foaming** (adhesive)
- ④  **Proteus Pro-Therm Insulation** (as per specification)
- ⑤  **Pro-Protection Board** (optional)
- ⑥  **Pro-BW® Plus Resin** (base coat) with embedded **Pro-Force 450** (reinforcement)
- ⑥  **Pro-BW® LO Resin** (base coat | low odour) with embedded **Pro-Force 450** (reinforcement)
- ⑦  **Pro-BW® Plus Resin** (top coat)
- ⑦  **Pro-BW® LO Resin** (top coat | low odour)



## 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\_PBWP\_BUR\_17**

Roof Type:

**BUR**

Description:

**Upstand/Layboard to Pitched Roof**

Scale:

**NTS**

Drawn:

**W.Harding**











Date:

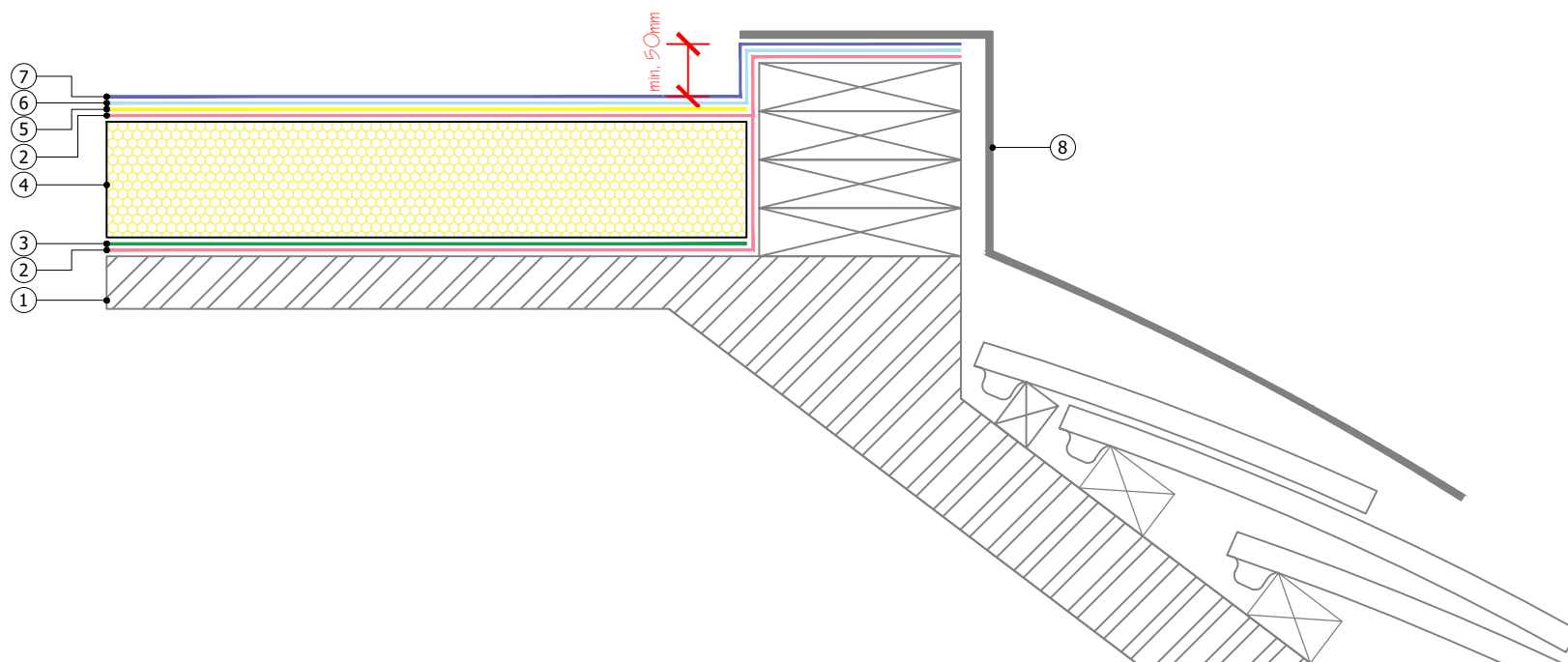
**18/06/2025**

**Pro-BW® Plus**



**Proteus**  
**WATERPROOFING**

- ①  Substrate
- ②  **Pro-Vapour Control/Carrier Membrane SA and Pro-Prime® SA**
- ③  **Pro-Bond Foaming** (adhesive)
- ④  **Proteus Pro-Therm Insulation** (as per specification)
- ⑤  **Pro-Protection Board** (optional)
- ⑥  **Pro-BW® Plus Resin** (base coat) with embedded **Pro-Force 450** (reinforcement)
- ⑥  **Pro-BW® LO Resin** (base coat | low odour) with embedded **Pro-Force 450** (reinforcement)
- ⑦  **Pro-BW® Plus Resin** (top coat)
- ⑦  **Pro-BW® LO Resin** (top coat | low odour)
- ⑧  **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\_PBWP\_BUR\_18**

Roof Type:

**BUR**

Description:

**Perimeter Mansard**

Scale:

**NTS**

Drawn:

**W.Harding**











Date:

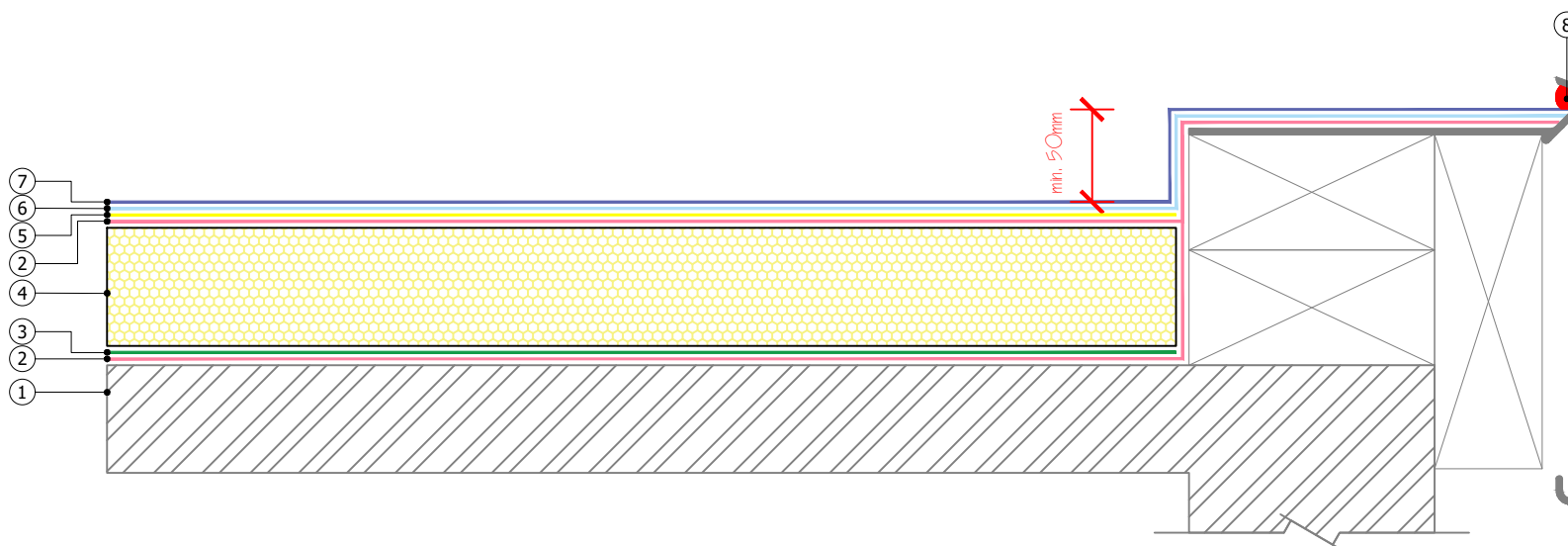
**18/06/2025**

**Pro-BW® Plus**



**Proteus**  
**WATERPROOFING**

- ①  Substrate
- ②  **Pro-Vapour Control/Carrier Membrane SA and Pro-Prime® SA**
- ③  **Pro-Bond Foaming** (adhesive)
- ④  **Proteus Pro-Therm Insulation** (as per specification)
- ⑤  **Pro-Protection Board** (optional)
- ⑥  **Pro-BW® Plus Resin** (base coat) with embedded **Pro-Force 450** (reinforcement)
- ⑥  **Pro-BW® LO Resin** (base coat | low odour) with embedded **Pro-Force 450** (reinforcement)
- ⑦  **Pro-BW® Plus Resin** (top coat)
- ⑦  **Pro-BW® LO Resin** (top coat | low odour)
- ⑧  **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\_PBWP\_BUR\_19**

Roof Type:

**BUR**

Description:

**Watercheck**

Scale:

**NTS**

Drawn:

**W.Harding**











Date:

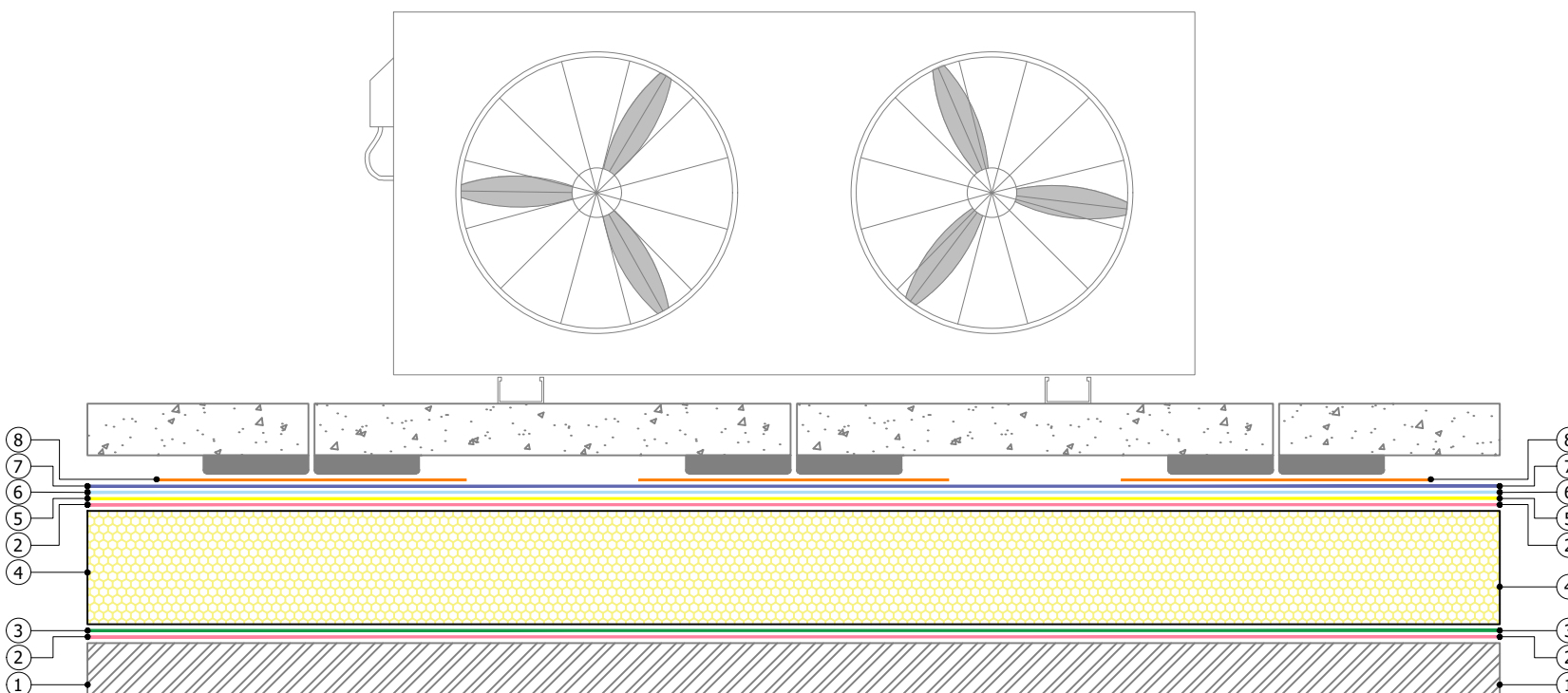
**18/06/2025**

**Pro-BW® Plus**



**Proteus**  
**WATERPROOFING**

- ①  Substrate
- ②  **Pro-Vapour Control/Carrier Membrane SA and Pro-Prime® SA**
- ③  **Pro-Bond Foaming** (adhesive)
- ④  **Proteus Pro-Therm Insulation** (as per specification)
- ⑤  **Pro-Protection Board** (optional)
- ⑥  **Pro-BW® Plus Resin** (base coat) with embedded **Pro-Force 450** (reinforcement)
- ⑥  **Pro-BW® LO Resin** (base coat | low odour) with embedded **Pro-Force 450** (reinforcement)
- ⑦  **Pro-BW® Plus Resin** (top coat)
- ⑦  **Pro-BW® LO Resin** (top coat | low odour)
- ⑧  **Sacrificial Layer** (tbc with Proteus)



## 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_PBWP_BUR_20</b>		Roof Type: <b>BUR</b>
Description: <b>Sacrificial layer under free standing plant</b>		
Scale: <b>NTS</b>	Drawn: <b>W.Harding</b>	Date: <b>18/06/2025</b>

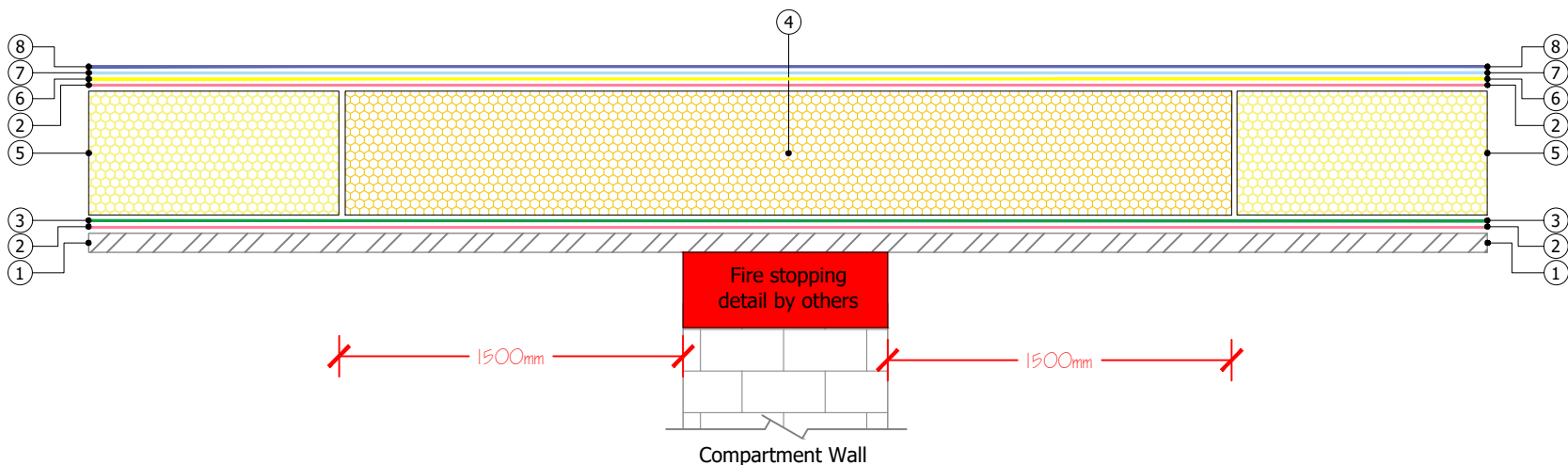
Pro-BW® Plus



**Proteus**  
WATERPROOFING



- ①  Combustible Substrate
- ②  **Pro-Vapour Control/Carrier Membrane SA and Pro-Prime® SA**
- ③  **Pro-Bond Foaming** (adhesive)
- ④  **Proteus Pro-Therm Insulation** (non-combustible)
- ⑤  **Proteus Pro-Therm Insulation** (as per specification)
- ⑥  **Pro-Protection Board** (optional)
- ⑦  **Pro-BW® Plus Resin** (base coat) with embedded **Pro-Force 450** (reinforcement)
- ⑦  **Pro-BW® LO Resin** (base coat | low odour) with embedded **Pro-Force 450** (reinforcement)
- ⑧  **Pro-BW® Plus Resin** (top coat)
- ⑧  **Pro-BW® LO Resin** (top coat | low odour)



## 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.

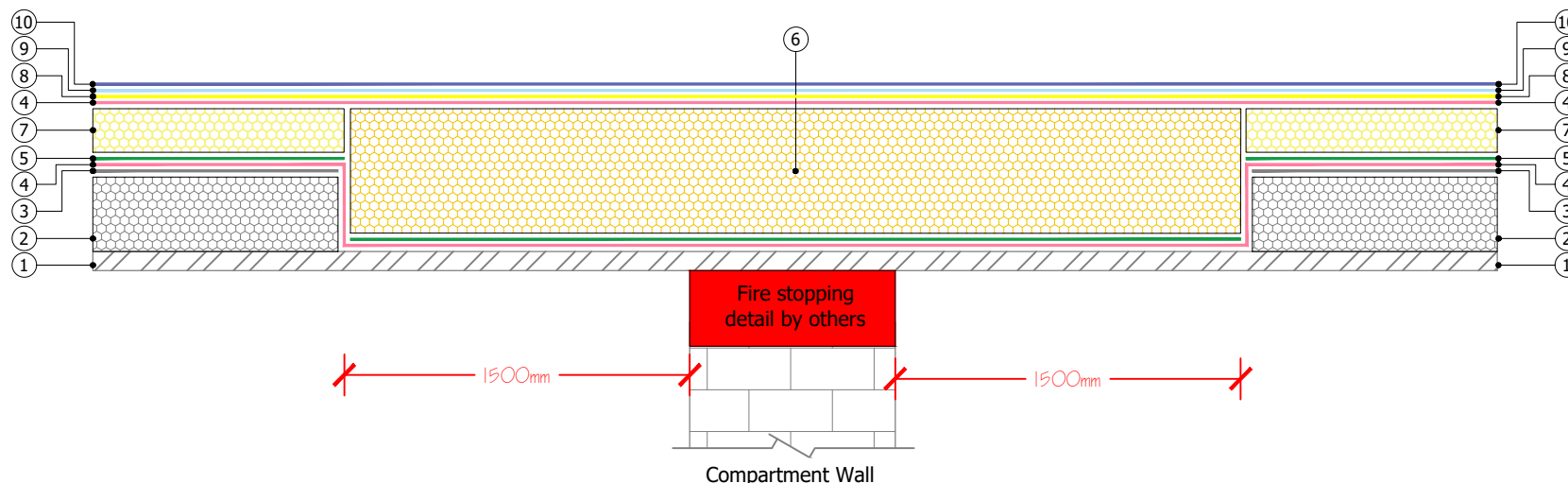
Drawing No.: <b>SD_PBWP_BUR_21</b>		Roof Type: <b>BUR</b>
Description: <b>Partition Wall - Part B Scheme</b>		
Scale: <b>NTS</b>	Drawn: <b>W.Harding</b>	Date: <b>18/06/2025</b>

**Pro-BW® Plus**



**Proteus**  
**WATERPROOFING**

- ①  Combustible Substrate
- ②  Existing Insulation
- ③  Existing Waterproofing
- ④  Pro-Vapour Control/Carrier Membrane SA and Pro-Prime® SA
- ⑤  Pro-Bond Foaming (adhesive)
- ⑥  Proteus Pro-Therm Insulation (non-combustible)
- ⑦  Proteus Pro-Therm Insulation (as per specification)
- ⑧  Pro-Protection Board (optional)
- ⑨  Pro-BW® Plus Resin (base coat) with embedded Pro-Force 450 (reinforcement)
- ⑨  Pro-BW® LO Resin (base coat | low odour) with embedded Pro-Force 450 (reinforcement)
- ⑩  Pro-BW® Plus Resin (top coat)
- ⑩  Pro-BW® LO Resin (top coat | low odour)



## 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\_PBWP\_BUR\_22**

Roof Type:

**BUR**

Description:

**Partition Wall Overlay - Part B Scheme**

Scale:

**NTS**

Drawn:

**W.Harding**












Date:

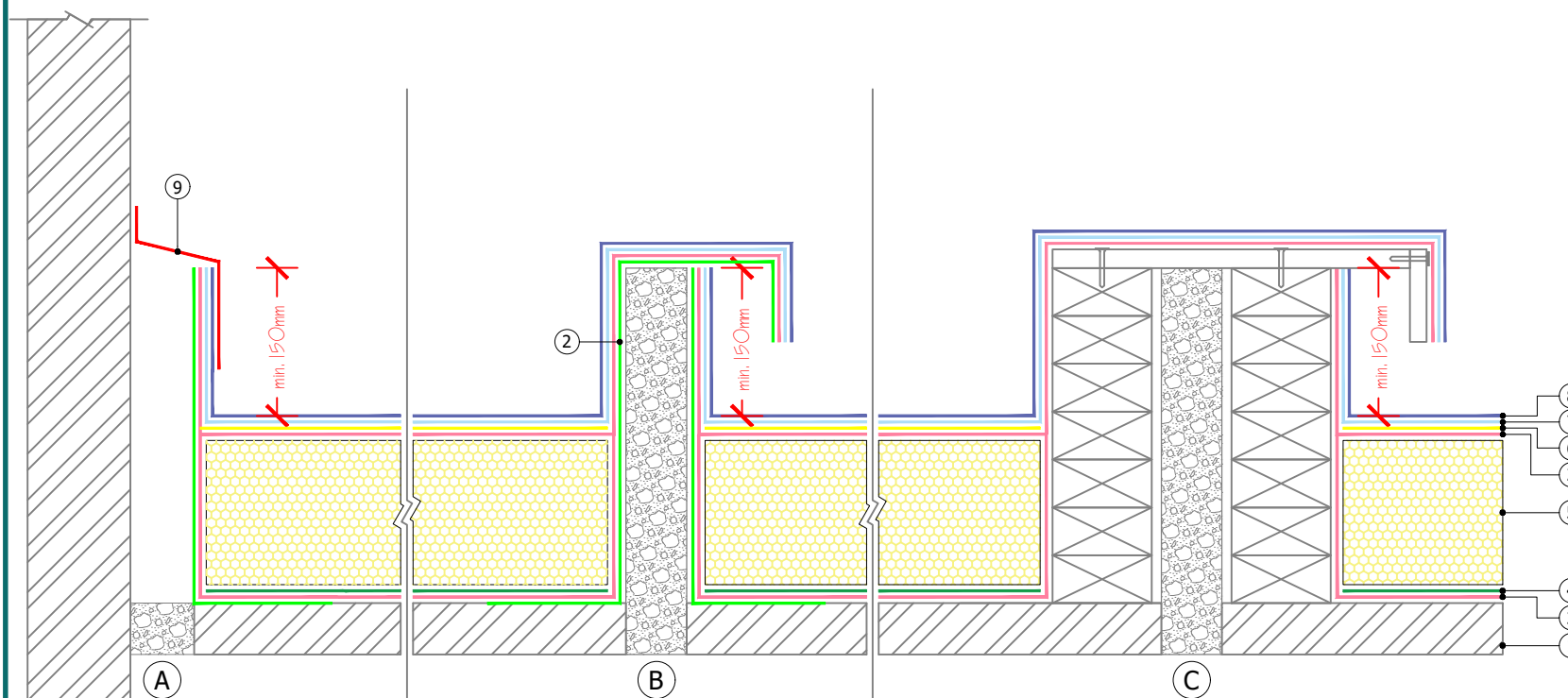
**18/06/2025**

**Pro-BW® Plus**



**Proteus**  
**WATERPROOFING**

- ①  Substrate
- ②  Metal Angle (by others)
- ③  **Pro-Vapour Control/Carrier Membrane SA and Pro-Prime® SA**
- ④  **Pro-Bond Foaming** (adhesive)
- ⑤  **Proteus Pro-Therm Insulation** (as per specification)
- ⑥  **Pro-Protection Board** (optional)
- ⑦  **Pro-BW® Plus Resin** (base coat) with embedded **Pro-Force 450** (reinforcement)
- ⑦  **Pro-BW® LO Resin** (base coat | low odour) with embedded **Pro-Force 450** (reinforcement)
- ⑧  **Pro-BW® Plus Resin** (top coat)
- ⑧  **Pro-BW® LO Resin** (top coat | low odour)
- ⑨  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.

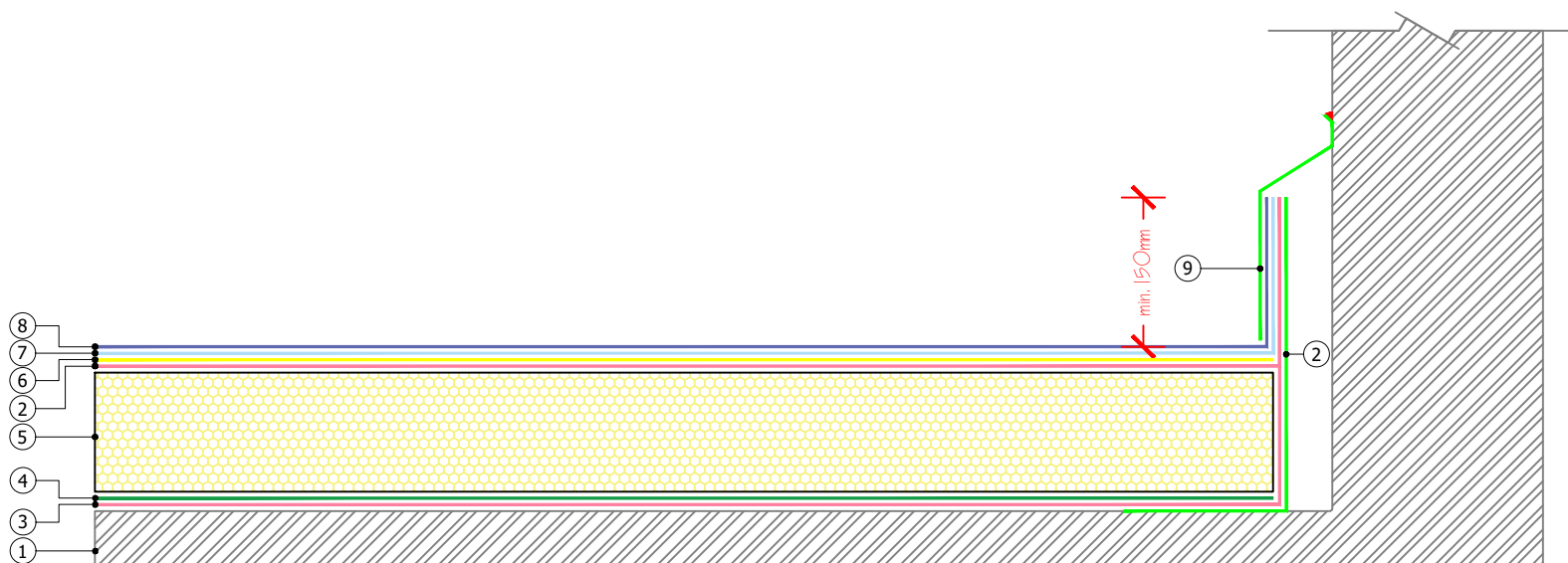
For refurbishment projects, all aspects of the existing roof are deemed to be fully compliant with BS 6229 (Code of practice for flat roofs with continuously supported coverings) or improved upon for instances where these standards are not met.

© This drawing is the copyright of Proteus Waterproofing Ltd.

Drawing No.: <b>SD_PBWP_BUR_23</b>		Roof Type: <b>BUR</b>
Description: <b>Expansion Joints</b>		
Scale: <b>NTS</b>	Drawn: <b>W.Harding</b>	Date: <b>18/06/2025</b>



- ①  Substrate
- ②  Metal Angle (by others)
- ③  **Pro-Vapour Control/Carrier Membrane SA and Pro-Prime® SA**
- ④  **Pro-Bond Foaming** (adhesive)
- ⑤  **Proteus Pro-Therm Insulation** (non-combustible)
- ⑥  **Pro-Protection Board** (optional)
- ⑦  **Pro-BW® Plus Resin** (base coat) with embedded **Pro-Force 450** (reinforcement)
- ⑦  **Pro-BW® LO Resin** (base coat | low odour) with embedded **Pro-Force 450** (reinforcement)
- ⑧  **Pro-BW® Plus Resin** (top coat)
- ⑧  **Pro-BW® LO Resin** (top coat | low odour)
- ⑨  Metal Flashing and Sealant (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\_PBWP\_BUR\_24**

Roof Type:

**BUR**

Description:

**Independant Upstand**

Scale:

**NTS**

Drawn:

**W.Harding**













Date:

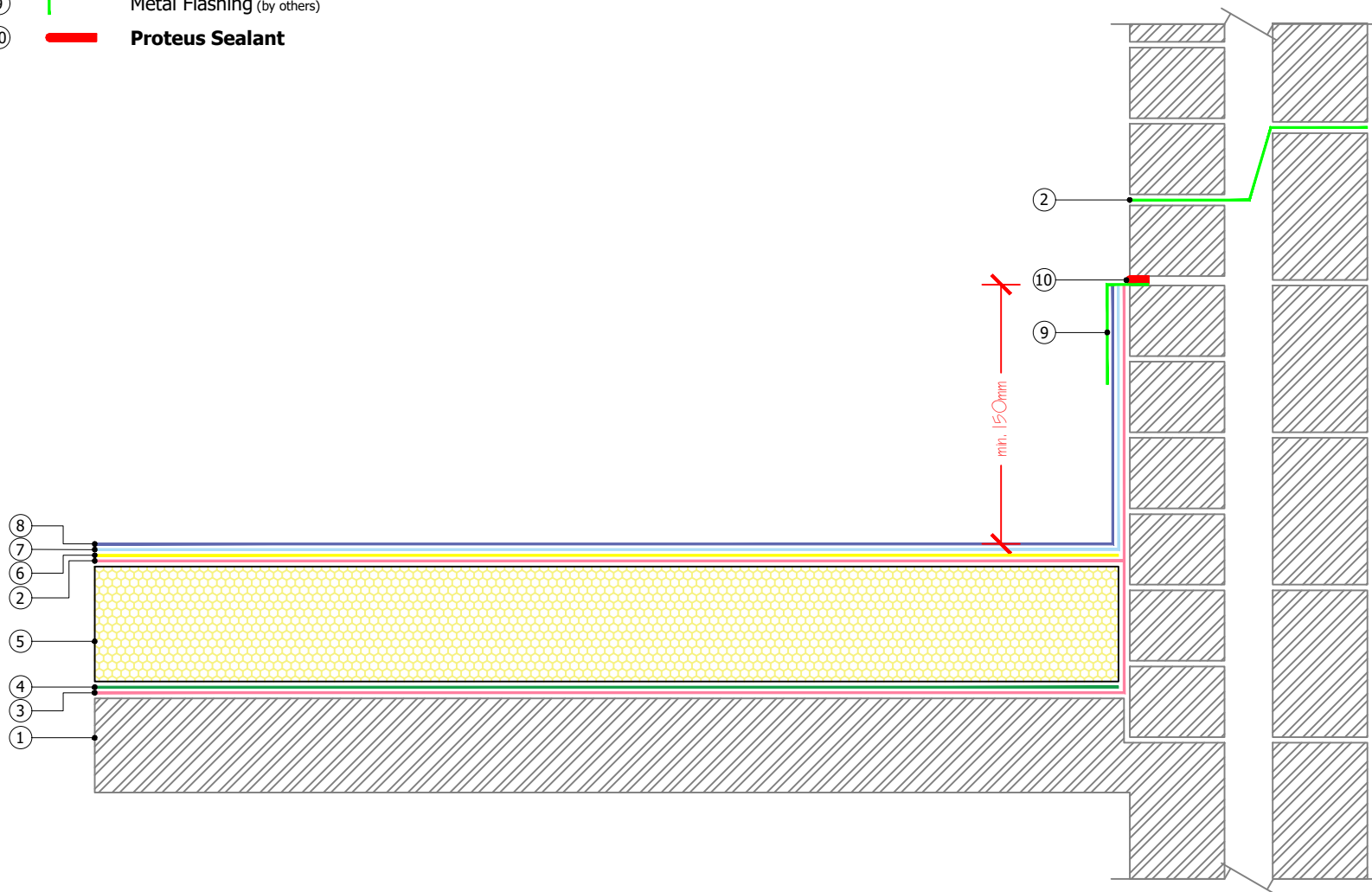
**18/06/2025**

**Pro-BW® Plus**



**Proteus**  
**WATERPROOFING**

- ①  Substrate
- ②  Metal Flashing (by others)
- ③  **Pro-Vapour Control/Carrier Membrane SA and Pro-Prime® SA**
- ④  **Pro-Bond Foaming** (adhesive)
- ⑤  **Proteus Pro-Therm Insulation** (as per specification)
- ⑥  **Pro-Protection Board** (optional)
- ⑦  **Pro-BW® Plus Resin** (base coat) with embedded **Pro-Force 450** (reinforcement)
- ⑦  **Pro-BW® LO Resin** (base coat | low odour) with embedded **Pro-Force 450** (reinforcement)
- ⑧  **Pro-BW® Plus Resin** (top coat)
- ⑧  **Pro-BW® LO Resin** (top coat | low odour)
- ⑨  Metal Flashing (by others)
- ⑩  **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\_PBWP\_BUR\_26**

Roof Type:

**BUR**

Description:

**Cavity Tray**

Scale:

**NTS**

Drawn:

**W.Harding**











Date:

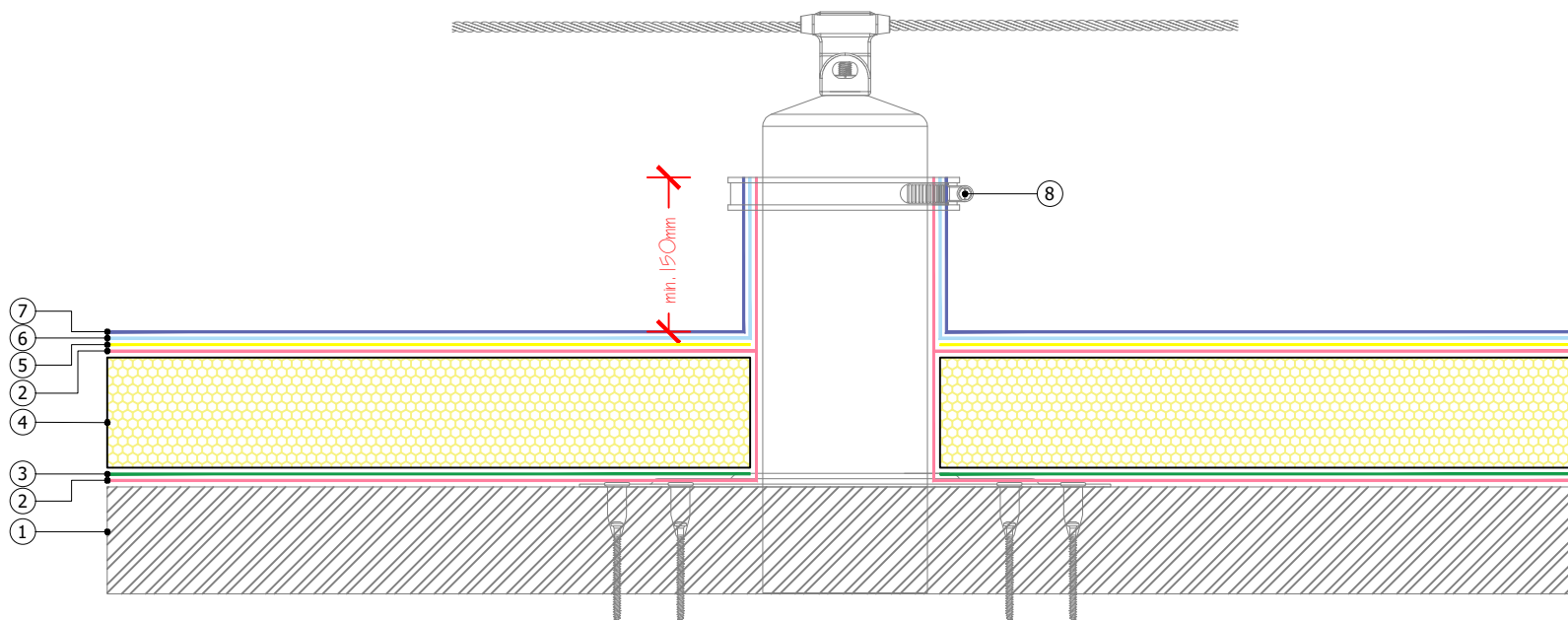
**18/06/2025**

**Pro-BW® Plus**



**Proteus**  
**WATERPROOFING**

- ①  Substrate
- ②  **Pro-Vapour Control/Carrier Membrane SA** and **Pro-Prime® SA**
- ③  **Pro-Bond Foaming** (adhesive)
- ④  **Proteus Pro-Therm Insulation** (as per specification)
- ⑤  **Pro-Protection Board** (optional)
- ⑥  **Pro-BW® Plus Resin** (base coat) with embedded **Pro-Force 450** (reinforcement)
- ⑥  **Pro-BW® LO Resin** (base coat | low odour) with embedded **Pro-Force 450** (reinforcement)
- ⑦  **Pro-BW® Plus Resin** (top coat)
- ⑦  **Pro-BW® LO Resin** (top coat | low odour)
- ⑧  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.:

**SD\_PBWP\_BUR\_27**

Roof Type:

**BUR**

Description:

**Fall Arrest System**

Scale:  
**NTS**

Drawn:  
**W.Harding**

Date:  
**18/06/2025**

**Pro-BW® Plus**



**Proteus**  
**WATERPROOFING**