







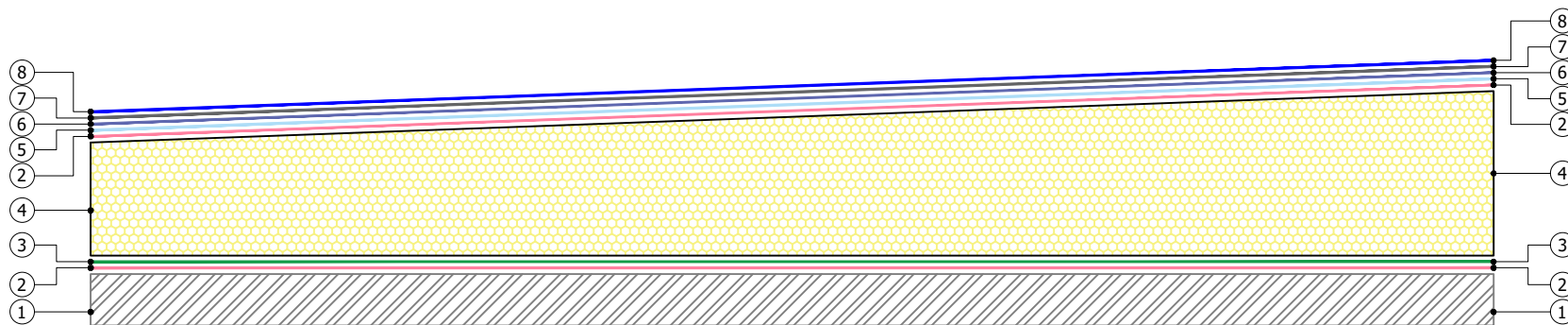


- ①  Substrate
- ②  **Proteus Pro-Vapour Control/Carrier Membrane SA and Proteus Pro-Prime® SA**
- ③  **Proteus Pro-Bond Foaming adhesive**
- ④  **Proteus Pro-Therm Insulation** (tissue faced)
- ⑤  **Proteus Pro-BW® LO Resin** base coat with embedded **Proteus Pro-Force 450** reinforcement
- ⑥  **Proteus Pro-BW® LO Resin** top coat
- ⑦  **Proteus Pro-BW® LO Resin** with **Proteus Pro-Aggregate EM** (optional)
- ⑧  **Proteus 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

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.

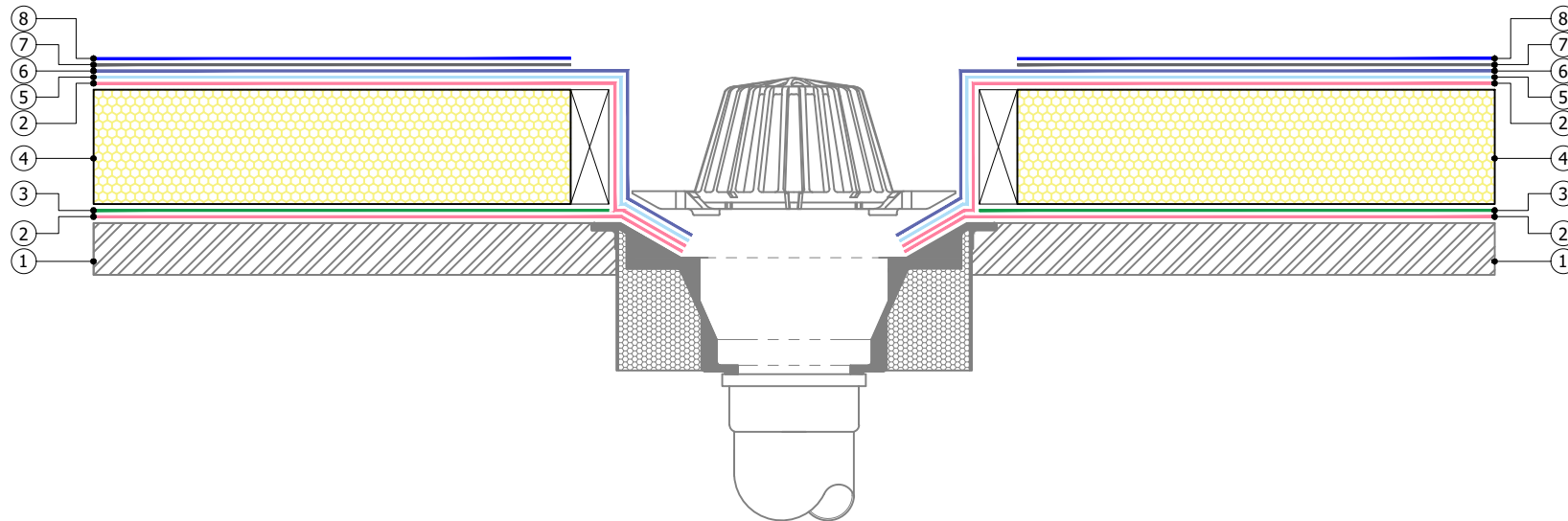
© This drawing is the copyright of Proteus Waterproofing Ltd.

Drawing No.:		Roof Type:
SD_PBWLO_BUR_01		BUR
Description:		
Horizontal Surface		
Scale:	Drawn:	Date:
NTS	W.Harding	18/07/2024

Proteus Pro-BW® LO



- ①  Substrate
- ②  **Proteus Pro-Vapour Control/Carrier Membrane SA and Proteus Pro-Prime® SA**
- ③  **Proteus Pro-Bond Foaming adhesive**
- ④  **Proteus Pro-Therm Insulation** (tissue faced)
- ⑤  **Proteus Pro-BW® LO Resin** base coat with embedded **Proteus Pro-Force 450** reinforcement
- ⑥  **Proteus Pro-BW® LO Resin** top coat
- ⑦  **Proteus Pro-BW® LO Resin** with **Proteus Pro-Aggregate EM** (optional)
- ⑧  **Proteus 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

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.

© This drawing is the copyright of Proteus Waterproofing Ltd.











Drawing No.:	Roof Type:
SD_PBWLO_BUR_02	BUR

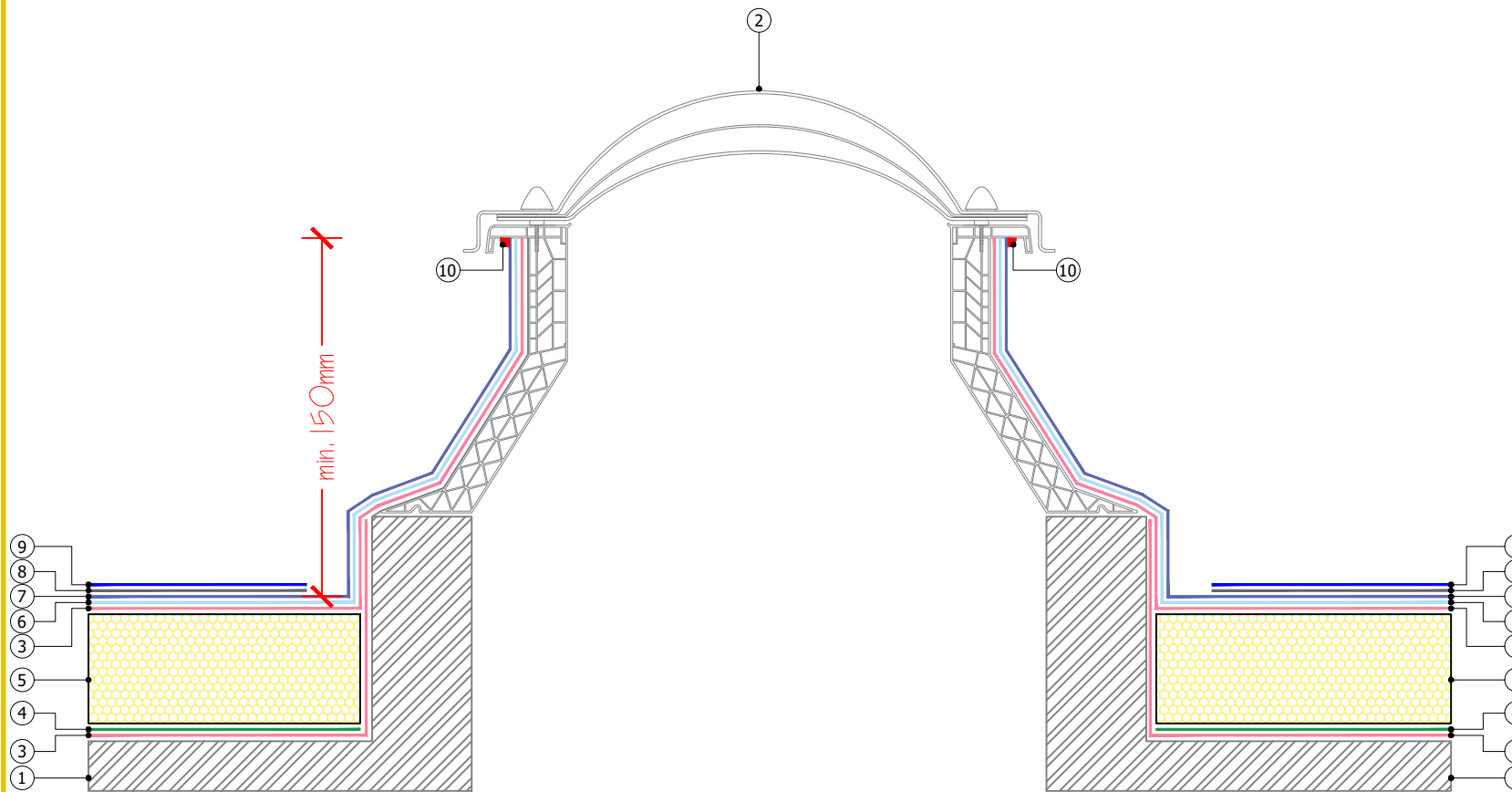
Description:
Vertical Rainwater Outlet

Scale:	Drawn:	Date:
NTS	W.Harding	18/07/2024

Proteus Pro-BW® LO



- ①  Substrate
- ②  Rooflight/ Roof Access Hatch
- ③  **Proteus Pro-Vapour Control/Carrier Membrane SA and Proteus Pro-Prime® SA**
- ④  **Proteus Pro-Bond Foaming adhesive**
- ⑤  **Proteus Pro-Therm Insulation (tissue faced)**
- ⑥  **Proteus Pro-BW® LO Resin base coat with embedded Proteus Pro-Force 450 reinforcement**
- ⑦  **Proteus Pro-BW® LO Resin top coat**
- ⑧  **Proteus Pro-BW® LO Resin with Proteus Pro-Aggregate EM (optional)**
- ⑨  **Proteus 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

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.

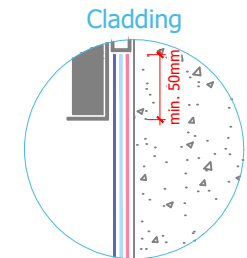
© This drawing is the copyright of Proteus Waterproofing Ltd.

Drawing No.:		Roof Type:
SD_PBWLO_BUR_03		BUR
Description:		
Rooflight / Access Hatch		
Scale:	Drawn:	Date:
NTS	W.Harding	18/07/2024

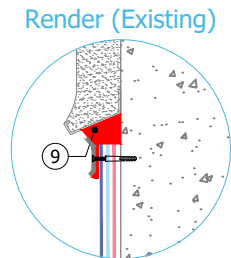
Proteus Pro-BW® LO



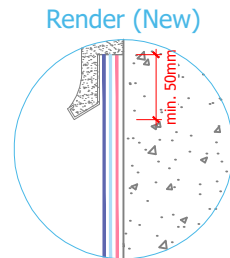
- ①  Substrate
- ②  **Proteus Pro-Vapour Control/Carrier Membrane SA and Proteus Pro-Prime® SA**
- ③  **Proteus Pro-Bond Foaming adhesive**
- ④  **Proteus Pro-Therm Insulation** (tissue faced)
- ⑤  **Proteus Pro-BW® LO Resin base coat with embedded Proteus Pro-Force 450 reinforcement**
- ⑥  **Proteus Pro-BW® LO Resin top coat**
- ⑦  **Proteus Pro-BW® LO Resin with Proteus Pro-Aggregate EM** (optional)
- ⑧  **Proteus Pro-BW® Sealer** (optional)
- ⑨  **Proteus Sealant**



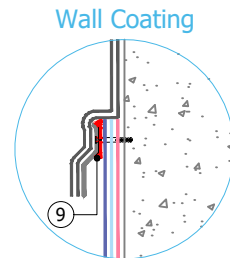
A New vertical cladding installed to provide minimum 50mm weathering lap



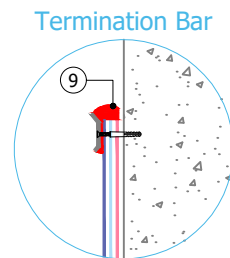
B Seal with a continuous minimum 6mm bead of **Proteus Sealant** following through cure of the System



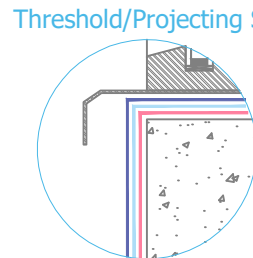
C Traditional render application with mechanically fixed bell cast/stop bead installed to overlap Waterproofing membrane by minimum 50mm



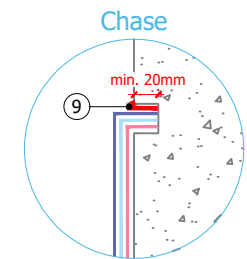
D Mechanically fixed **Proteus Counter Flashing** used as the lower termination position of the specified wall coating



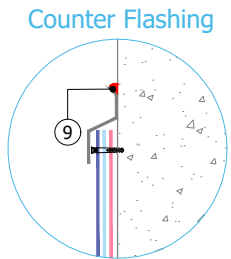
E Waterproofing System terminated with a mechanically fixed **Proteus Termination Bar**, sealed and bedded with **Proteus Sealant**



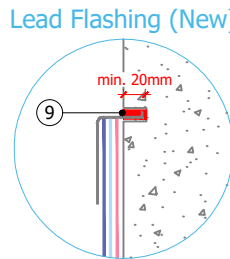
F Waterproofing System terminated tightly at the junction with the projecting sill and sealed with **Proteus Sealant**



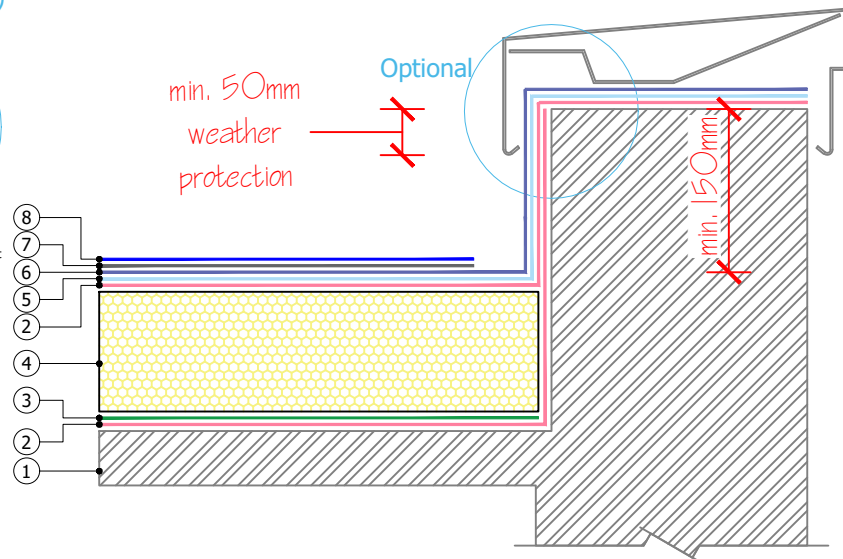
G Waterproofing System terminated in a 25mm x 10mm cleaned and primed pre-cut chase sealed with **Proteus Sealant**



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

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.

© This drawing is the copyright of Proteus Waterproofing Ltd.









Drawing No.:	Roof Type:
SD_PBWLO_BUR_04	BUR

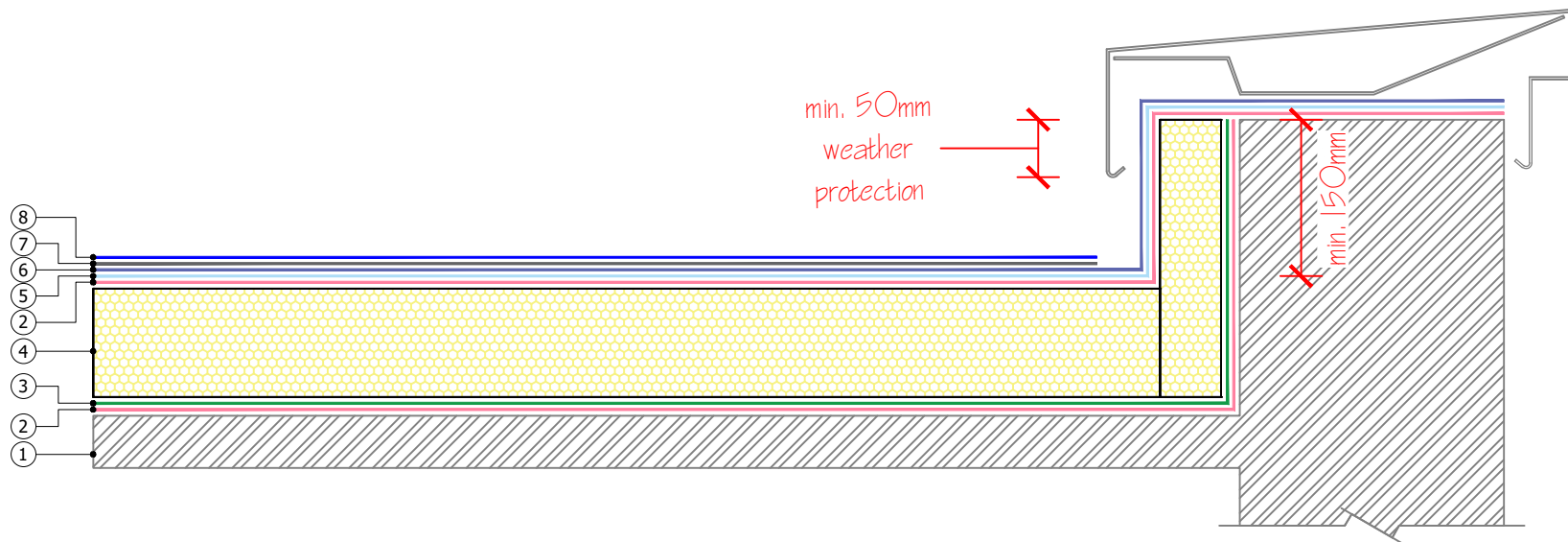
Description:
Upstand Terminations

Scale:	Drawn:	Date:
NTS	W.Harding	17/09/2024

Proteus Pro-BW® LO



- ①  Substrate
- ②  **Proteus Pro-Vapour Control/Carrier Membrane SA and Proteus Pro-Prime® SA**
- ③  **Proteus Pro-Bond Foaming adhesive**
- ④  **Proteus Pro-Therm Insulation** (tissue faced)
- ⑤  **Proteus Pro-BW® LO Resin** base coat with embedded **Proteus Pro-Force 450** reinforcement
- ⑥  **Proteus Pro-BW® LO Resin** top coat
- ⑦  **Proteus Pro-BW® LO Resin with Proteus Pro-Aggregate EM** (optional)
- ⑧  **Proteus 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

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.

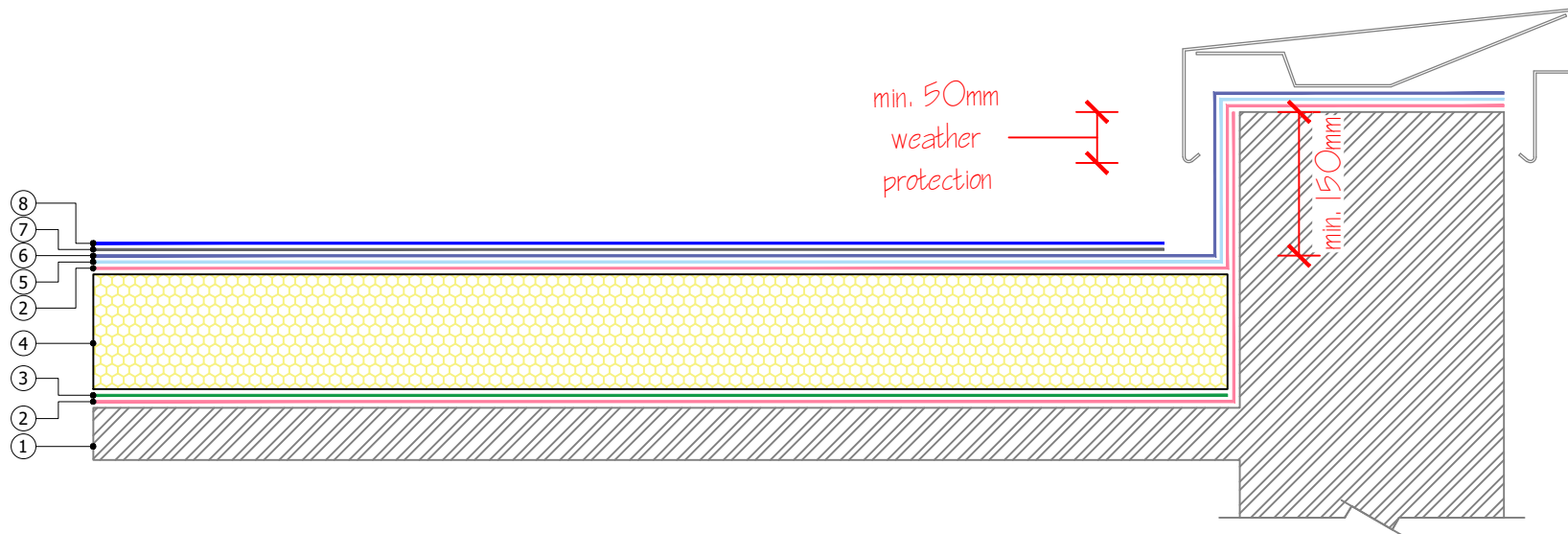
© This drawing is the copyright of Proteus Waterproofing Ltd.

Drawing No.:		Roof Type:
SD_PBWLO_BUR_05		BUR
Description:		
Insulated Parapet - Capping		
Scale:	Drawn:	Date:
NTS	W.Harding	18/07/2024

Proteus Pro-BW® LO



- ①  Substrate
- ②  **Proteus Pro-Vapour Control/Carrier Membrane SA and Proteus Pro-Prime® SA**
- ③  **Proteus Pro-Bond Foaming adhesive**
- ④  **Proteus Pro-Therm Insulation** (tissue faced)
- ⑤  **Proteus Pro-BW® LO Resin** base coat with embedded **Proteus Pro-Force 450** reinforcement
- ⑥  **Proteus Pro-BW® LO Resin** top coat
- ⑦  **Proteus Pro-BW® LO Resin with Proteus Pro-Aggregate EM** (optional)
- ⑧  **Proteus 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

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.

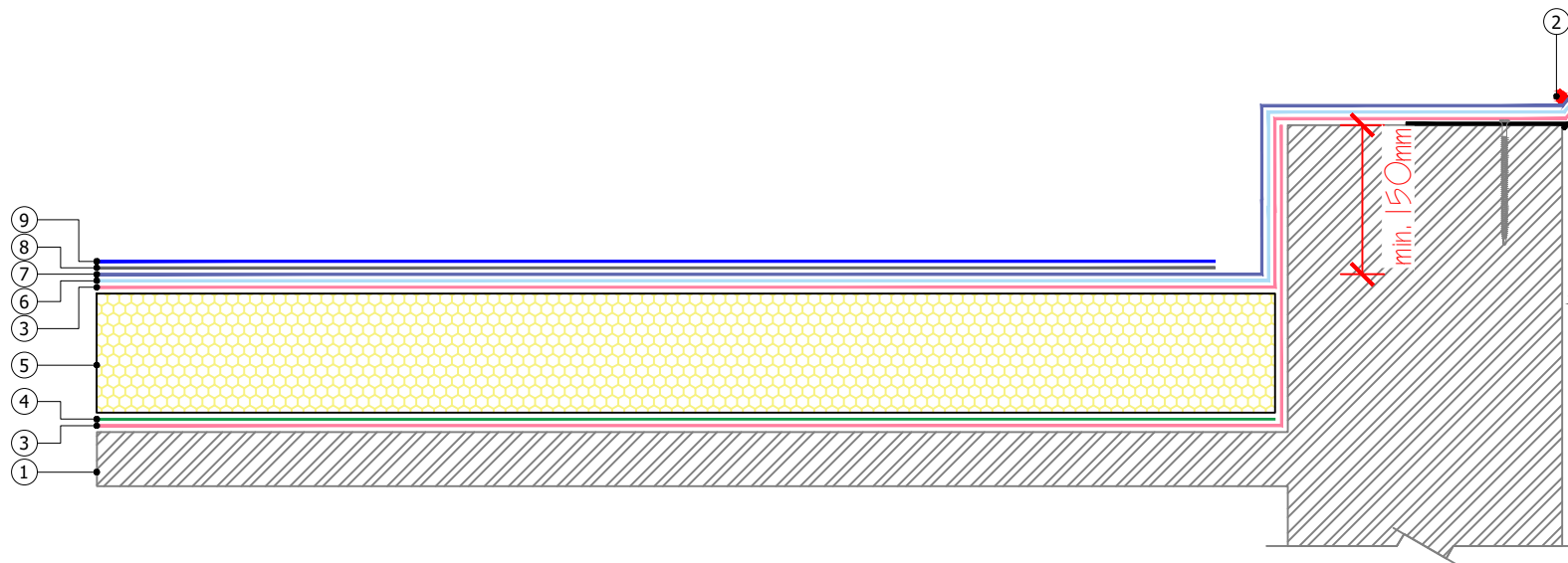
© This drawing is the copyright of Proteus Waterproofing Ltd.

Drawing No.:		Roof Type:
SD_PBWLO_BUR_06		BUR
Description:		
Uninsulated Parapet - Capping		
Scale:	Drawn:	Date:
NTS	W.Harding	18/07/2024

Proteus Pro-BW® LO



- ①  Substrate
- ②  **GRP Trim** (mechanically fixed) and **Proteus Sealant**
- ③  **Proteus Pro-Vapour Control/Carrier Membrane SA** and **Proteus Pro-Prime® SA**
- ④  **Proteus Pro-Bond Foaming** adhesive
- ⑤  **Proteus Pro-Therm Insulation** (tissue faced)
- ⑥  **Proteus Pro-BW® LO Resin** base coat with embedded **Proteus Pro-Force 450** reinforcement
- ⑦  **Proteus Pro-BW® LO Resin** top coat
- ⑧  **Proteus Pro-BW® LO Resin** with **Proteus Pro-Aggregate EM** (optional)
- ⑨  **Proteus 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

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.

© This drawing is the copyright of Proteus Waterproofing Ltd.










Drawing No.:	Roof Type:
SD_PBWLO_BUR_07	BUR

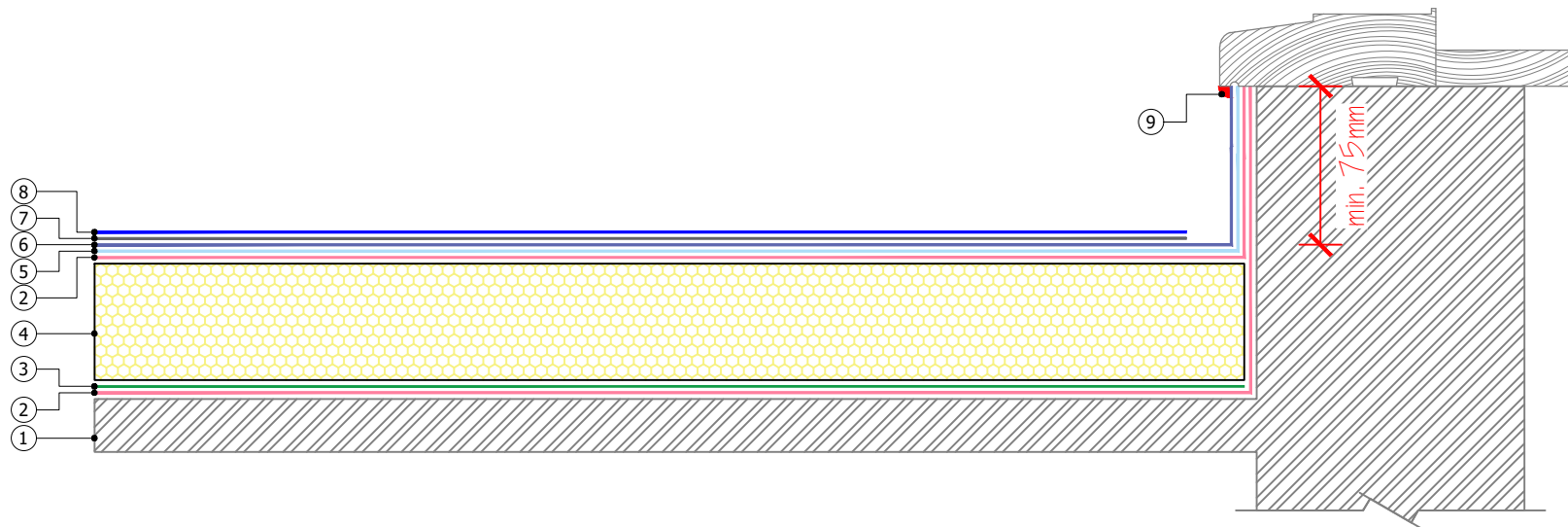
Description:
Parapet - GRP Trim

Scale:	Drawn:	Date:
NTS	W.Harding	18/07/2024

Proteus Pro-BW® LO



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

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.

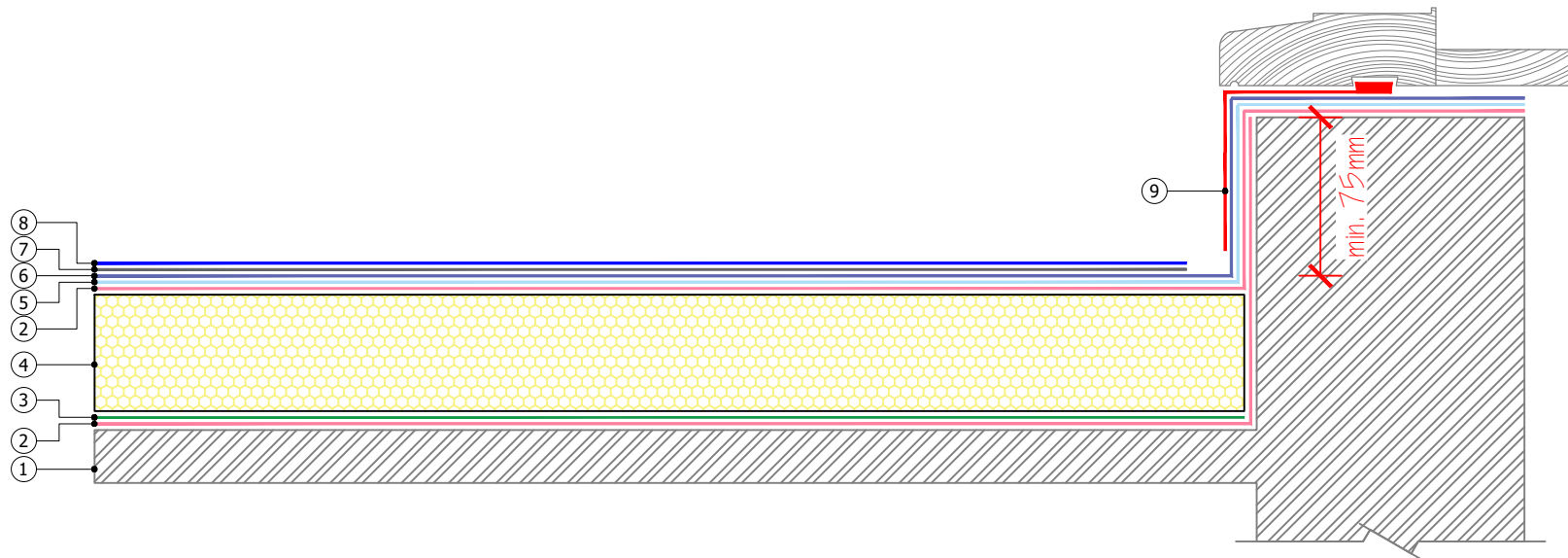
© This drawing is the copyright of Proteus Waterproofing Ltd.

Drawing No.:		Roof Type:
SD_PBWLO_BUR_08		BUR
Description:		
Threshold (Existing) - Sealant		
Scale:	Drawn:	Date:
NTS	W.Harding	18/07/2024

Proteus Pro-BW® LO



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

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.

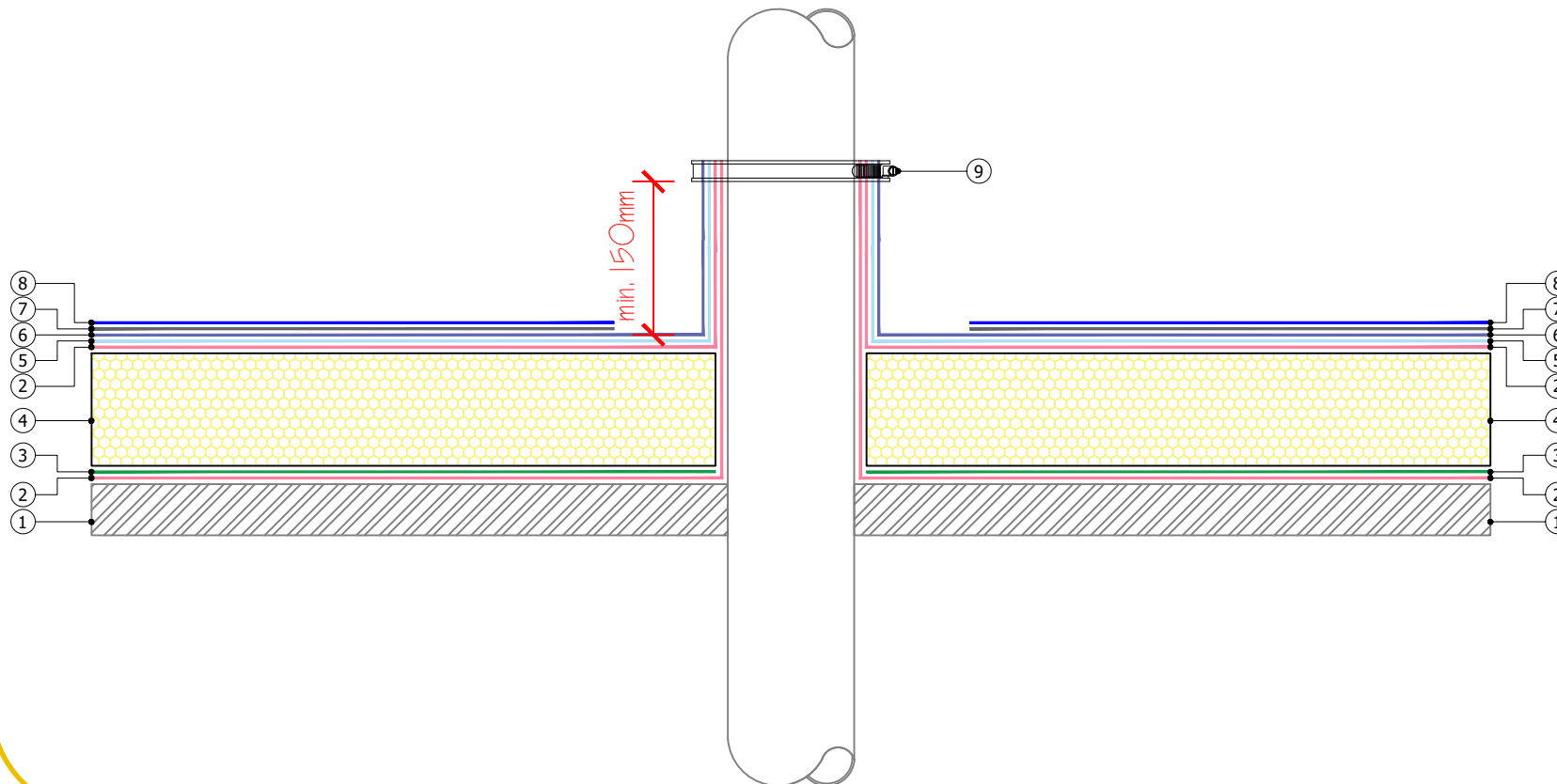
© This drawing is the copyright of Proteus Waterproofing Ltd.

Drawing No.:		Roof Type:
SD_PBWLO_BUR_09		BUR
Description:		
Threshold (New) - EPDM		
Scale:	Drawn:	Date:
NTS	W.Harding	18/07/2024

Proteus Pro-BW® LO



- ①  Substrate
- ②  **Proteus Pro-Vapour Control/Carrier Membrane SA and Proteus Pro-Prime[®] SA**
- ③  **Proteus Pro-Bond Foaming adhesive**
- ④  **Proteus Pro-Therm Insulation** (tissue faced)
- ⑤  **Proteus Pro-BW[®] LO Resin** base coat with embedded **Proteus Pro-Force 450** reinforcement
- ⑥  **Proteus Pro-BW[®] LO Resin** top coat
- ⑦  **Proteus Pro-BW[®] LO Resin** with **Proteus Pro-Aggregate EM** (optional)
- ⑧  **Proteus Pro-BW[®] Sealer** (optional)
- 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

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.

© This drawing is the copyright of Proteus Waterproofing Ltd.









Drawing No.:	Roof Type:
SD_PBWLO_BUR_10	BUR

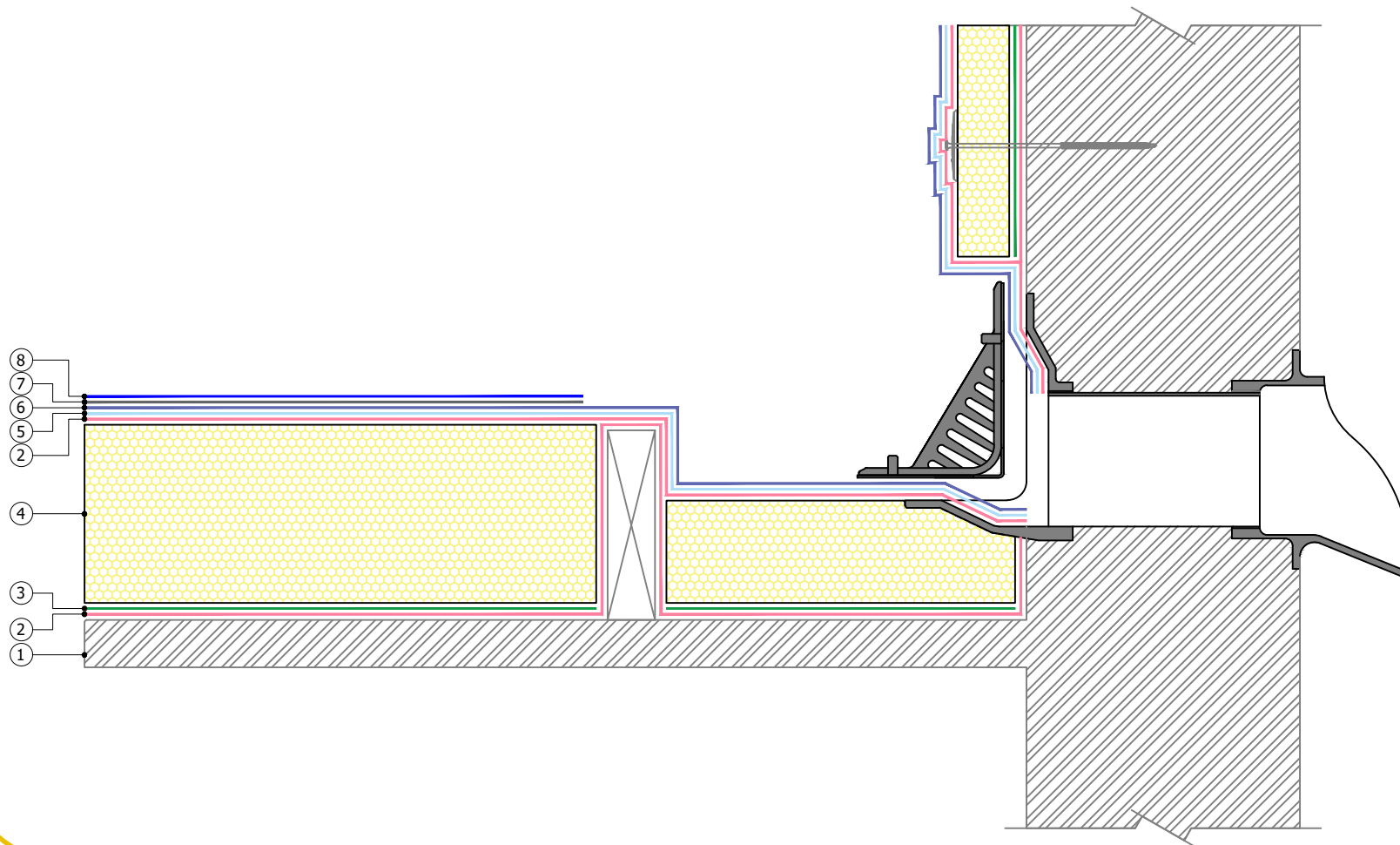
Description:
Cold Pipe Penetration

Scale:	Drawn:	Date:
NTS	W.Harding	18/07/2024

Proteus Pro-BW[®] LO



- ①  Substrate
- ②  **Proteus Pro-Vapour Control/Carrier Membrane SA and Proteus Pro-Prime® SA**
- ③  **Proteus Pro-Bond Foaming adhesive**
- ④  **Proteus Pro-Therm Insulation** (tissue faced)
- ⑤  **Proteus Pro-BW® LO Resin** base coat with embedded **Proteus Pro-Force 450** reinforcement
- ⑥  **Proteus Pro-BW® LO Resin** top coat
- ⑦  **Proteus Pro-BW® LO Resin** with **Proteus Pro-Aggregate EM** (optional)
- ⑧  **Proteus 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

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.

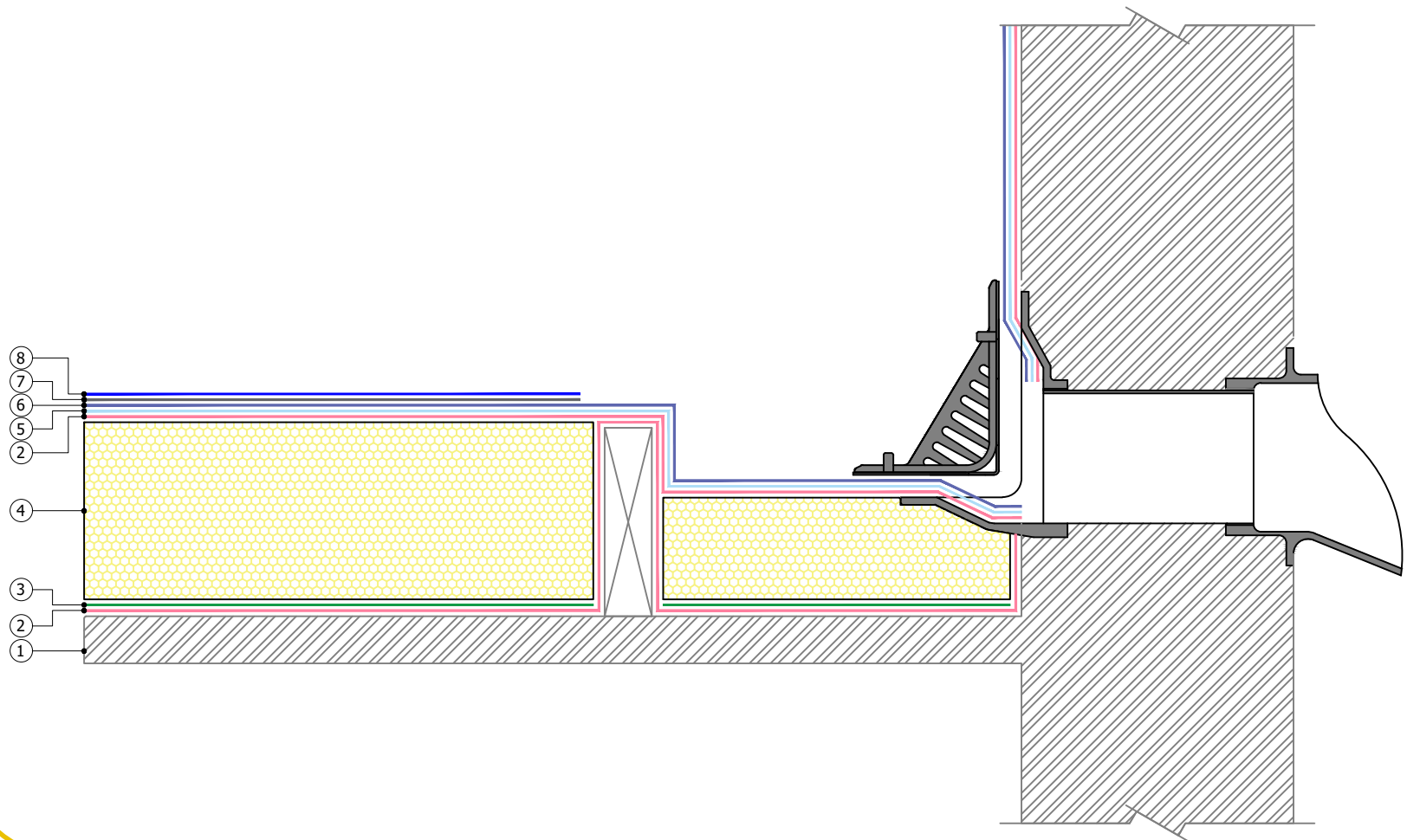
© This drawing is the copyright of Proteus Waterproofing Ltd.

Drawing No.:		Roof Type:
SD_PBWLO_BUR_11		BUR
Description:		
Insulated Parapet Gutter		
Scale:	Drawn:	Date:
NTS	W.Harding	18/07/2024

Proteus Pro-BW® LO



- ①  Substrate
- ②  **Proteus Pro-Vapour Control/Carrier Membrane SA and Proteus Pro-Prime® SA**
- ③  **Proteus Pro-Bond Foaming adhesive**
- ④  **Proteus Pro-Therm Insulation** (tissue faced)
- ⑤  **Proteus Pro-BW® LO Resin** base coat with embedded **Proteus Pro-Force 450** reinforcement
- ⑥  **Proteus Pro-BW® LO Resin** top coat
- ⑦  **Proteus Pro-BW® LO Resin** with **Proteus Pro-Aggregate EM** (optional)
- ⑧  **Proteus 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

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.

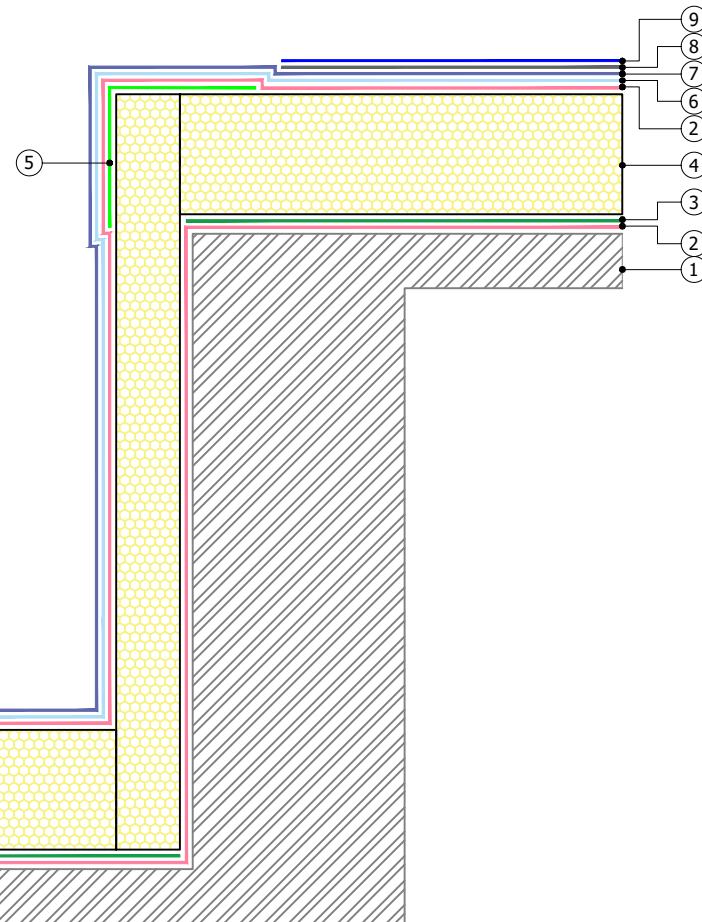
© This drawing is the copyright of Proteus Waterproofing Ltd.

Drawing No.:		Roof Type:
SD_PBWLO_BUR_12		BUR
Description:		
Uninsulated Parapet Gutter		
Scale:	Drawn:	Date:
NTS	W.Harding	18/07/2024

Proteus Pro-BW® LO



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



- ⑨
- ⑧
- ⑦
- ⑥
- ②
- ④
- ③
- ②
- ①

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.

© This drawing is the copyright of Proteus Waterproofing Ltd.

Drawing No.:	Roof Type:
SD_PBWLO_BUR_13	BUR

Description:
Roof Transition

Scale:	Drawn:	Date:
NTS	W.Harding	18/07/2024

Proteus Pro-BW® LO

