












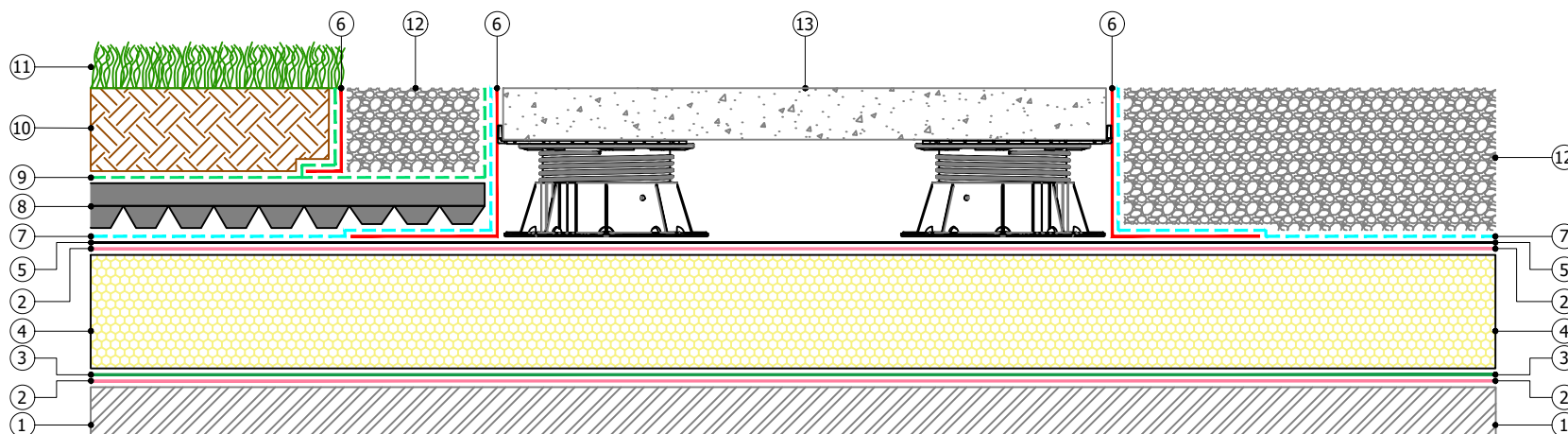


- ①  Substrate
- ②  **Pro-Vapour Control/Carrier Membrane SA and Pro-Prime® SA**
- ③  **Pro-Bond Foaming** (adhesive)
- ④  **Proteus Pro-Therm Insulation** (as per specification)
- ⑤  **Cold Melt®**
- ⑥  **Pro-Living® Drainage Trim**
- ⑦  **Proteus Pro-Therm Low-K** (separation layer)
- ⑧  **Pro-Living® Drainage Board**
- ⑨  **Pro-Living® Filter Fleece**
- ⑩  **Pro-Living® Substrate** (min. 80mm settled depth)
- ⑪  **Pro-Living® Vegetation**
- ⑫  **Gravel ballast** (2000/553/EC compliant)
- ⑬  **Paving slabs on pedestals** (2000/553/EC compliant)



Proteus Waterproofing Ltd.

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W: www.proteuswaterproofing.co.uk

E: office@proteuswaterproofing.co.uk

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Notes :

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Drawing No.:

SD_CM_BUR_01

Roof Type:

BUR

Description:

Horizontal Surface

Scale:

NTS

Drawn:















W.Harding

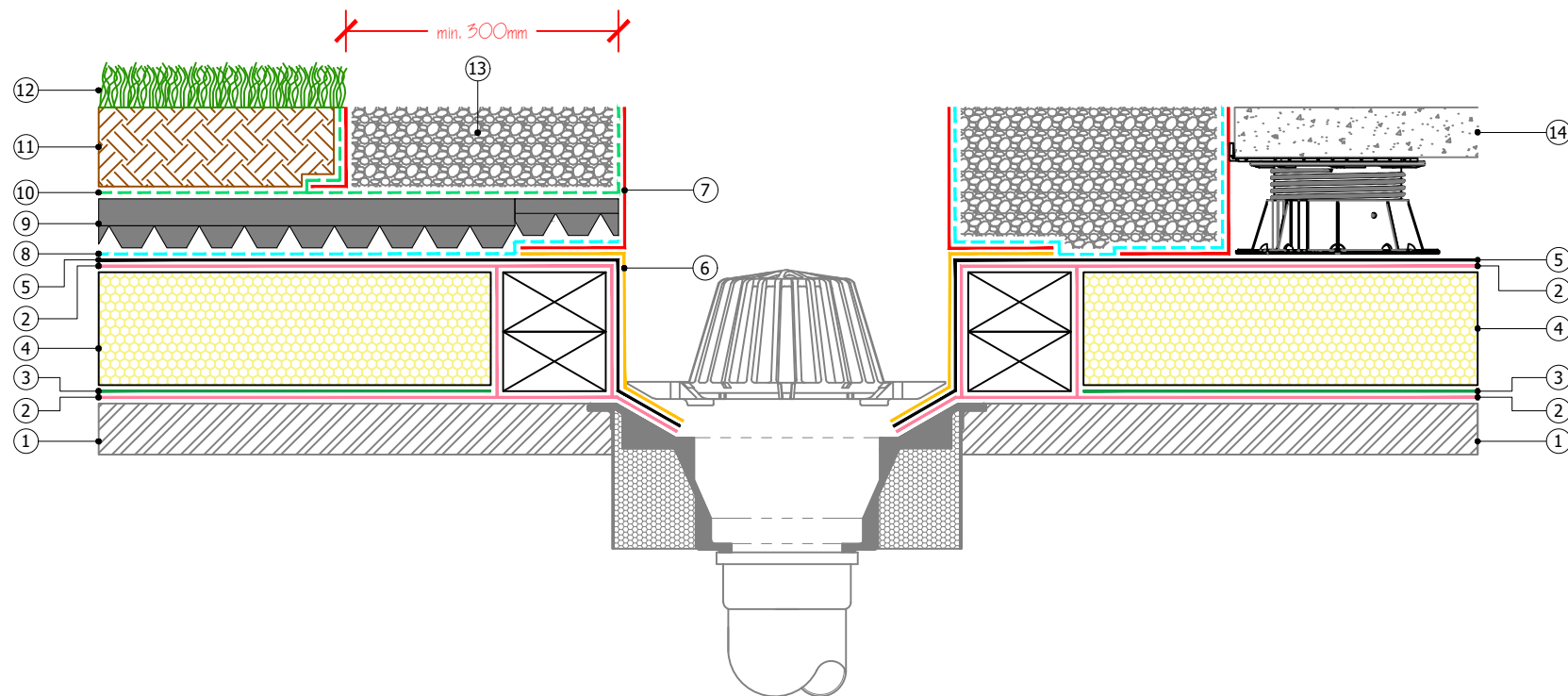
Date:

18/06/2025

Proteus Cold Melt®



- 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  **Cold Melt®**
- ⑥  **Proteus Cold Melt® UV Top** (all exposed areas)
- ⑦  **Pro-Living® Drainage Trim**
- ⑧  **Proteus Pro-Therm Low-K** (separation layer)
- ⑨  **Pro-Living® Drainage Board**
- ⑩  **Pro-Living® Filter Fleece**
- ⑪  **Pro-Living® Substrate** (min. 80mm settled depth)
- ⑫  **Pro-Living® Vegetation**
- ⑬  **Gravel ballast** (2000/553/EC compliant)
- ⑭  **Paving slabs on pedestals** (2000/553/EC compliant)



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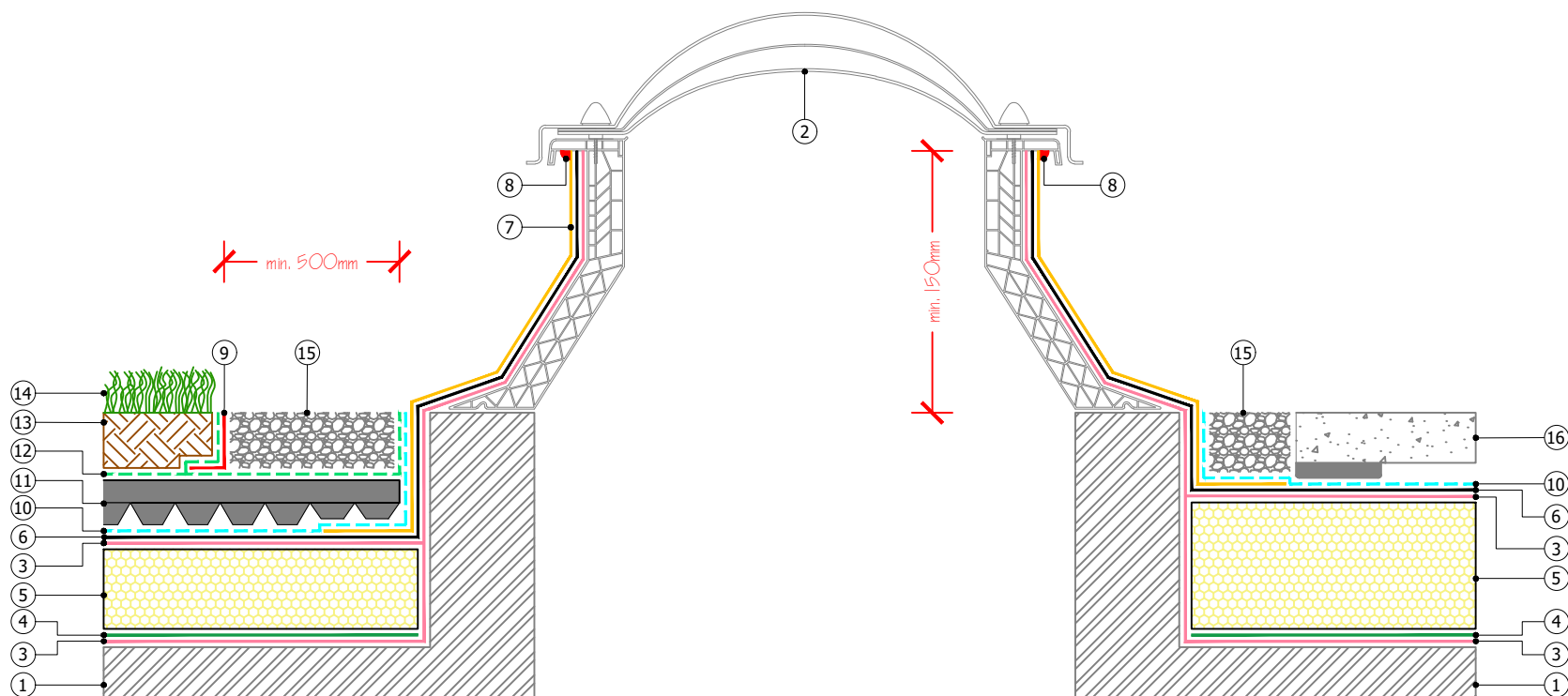
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Drawing No.: SD_CM_BUR_02		Roof Type: BUR
Description: Vertical Rainwater Outlet		
Scale: NTS	Drawn: W.Harding	Date: 18/06/2025

Proteus Cold Melt®



- ①  Substrate
- ②  Rooflight / Roof Access Hatch (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  **Cold Melt®**
- ⑦  **Cold Melt® UV Top** (all exposed areas)
- ⑧  **Proteus Sealant**
- ⑨  **Pro-Living® Drainage Trim**
- ⑩  **Proteus Pro-Therm Low-K** (separation layer)
- ⑪  **Pro-Living® Drainage Board**
- ⑫  **Pro-Living® Filter Fleece**
- ⑬  **Pro-Living® Substrate** (min. 80mm settled depth)
- ⑭  **Pro-Living® Vegetation**
- ⑮  **Gravel ballast** (2000/553/EC compliant)
- ⑯  **Paving slabs on pads** (2000/553/EC compliant)



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Drawing No.:

SD_CM_BUR_03

Roof Type:

BUR

Description:

Rooflight / Access Hatch

Scale:

NTS

Drawn:

W.Harding















Date:

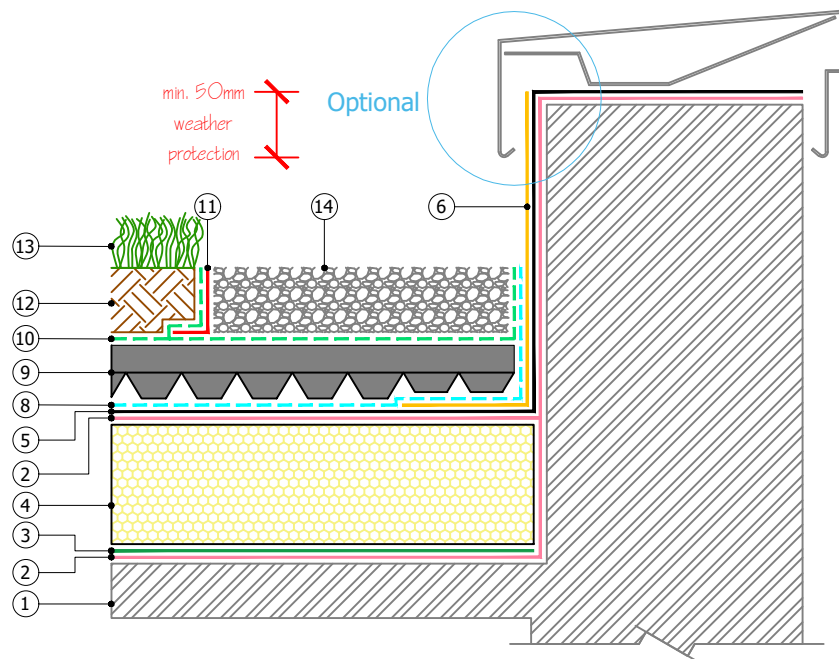
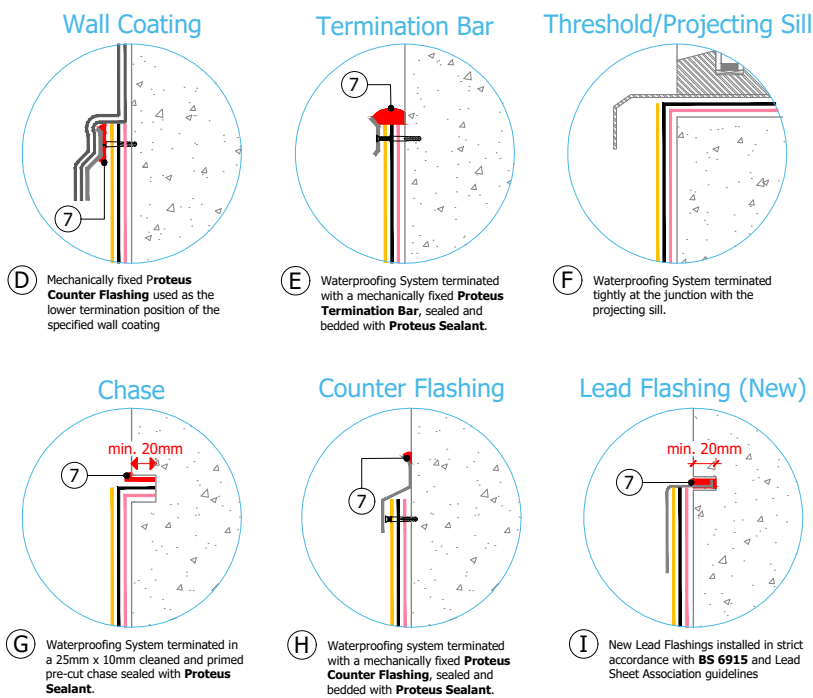
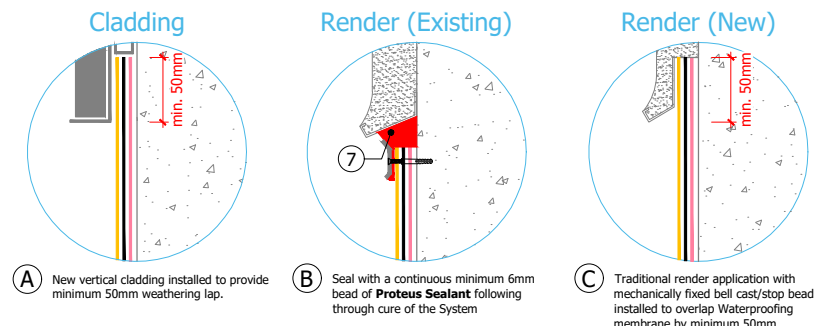
18/06/2025

Proteus Cold Melt®



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  **Cold Melt®**
- ⑥  **Cold Melt® UV Top** (all exposed areas)
- ⑦  **Proteus Sealant**
- ⑧  **Proteus Pro-Therm Low-K** (separation layer)
- ⑨  **Pro-Living® Drainage Board**
- ⑩  **Pro-Living® Filter Fleece**
- ⑪  **Pro-Living® Drainage Trim**
- ⑫  **Pro-Living® Substrate** (min. 80mm settled depth)
- ⑬  **Pro-Living® Vegetation**
- ⑭  **Gravel ballast** (2000/553/EC compliant)



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Drawing No.:

SD_CM_BUR_04

Roof Type:

BUR

Description:

Uprand Terminations

Scale:
NTS










Drawn:
W.Harding

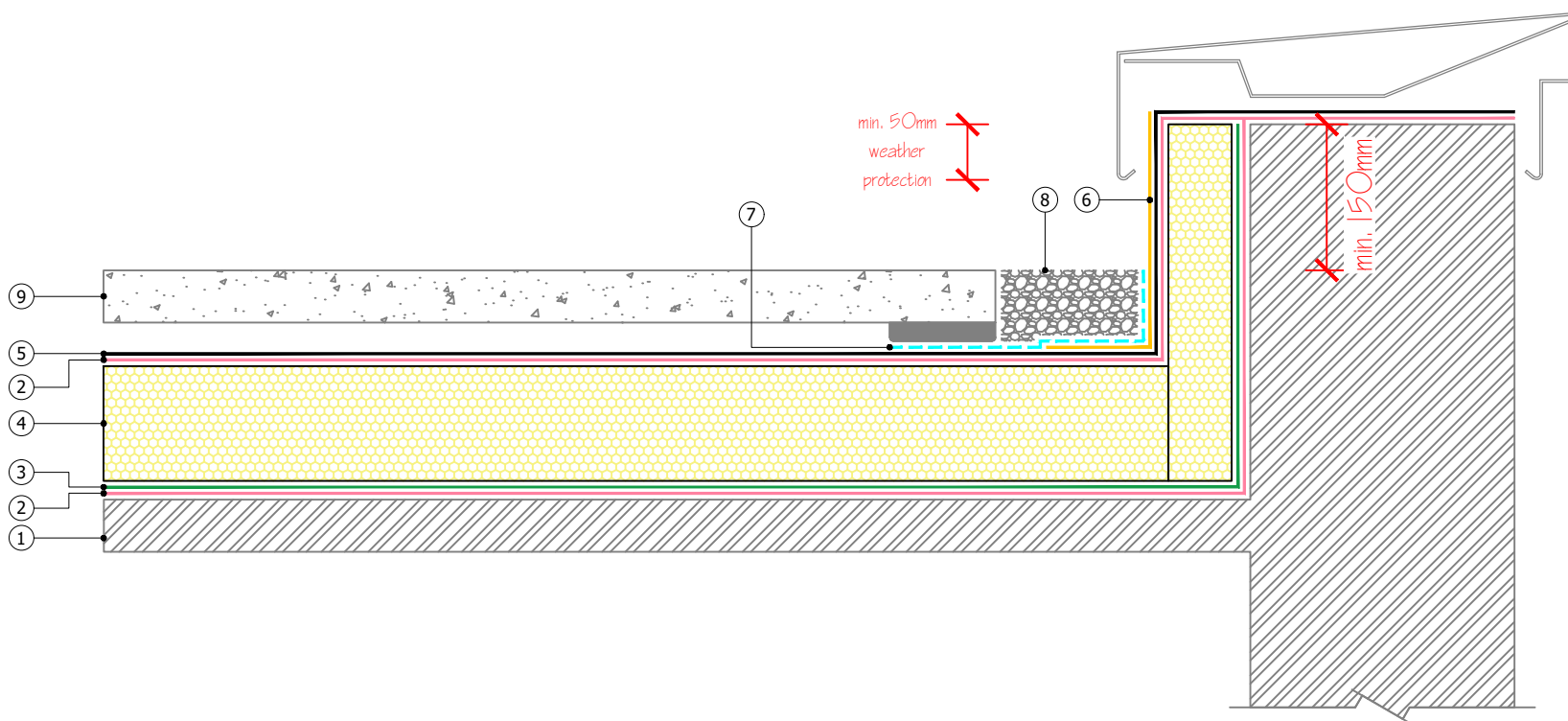
Date:
18/06/2025

Proteus Cold Melt®



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  **Cold Melt®**
- ⑥  **Cold Melt® UV Top** (all exposed areas)
- ⑦  **Proteus Pro-Therm Low-K** (separation layer)
- ⑧  **Gravel ballast** (2000/553/EC compliant)
- ⑨  **Paving slabs on pads** (2000/553/EC compliant)



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Drawing No.:

SD_CM_BUR_05

Roof Type:

BUR

Description:

Insulated Parapet - Capping

Scale:

NTS

Drawn:

W.Harding










Date:

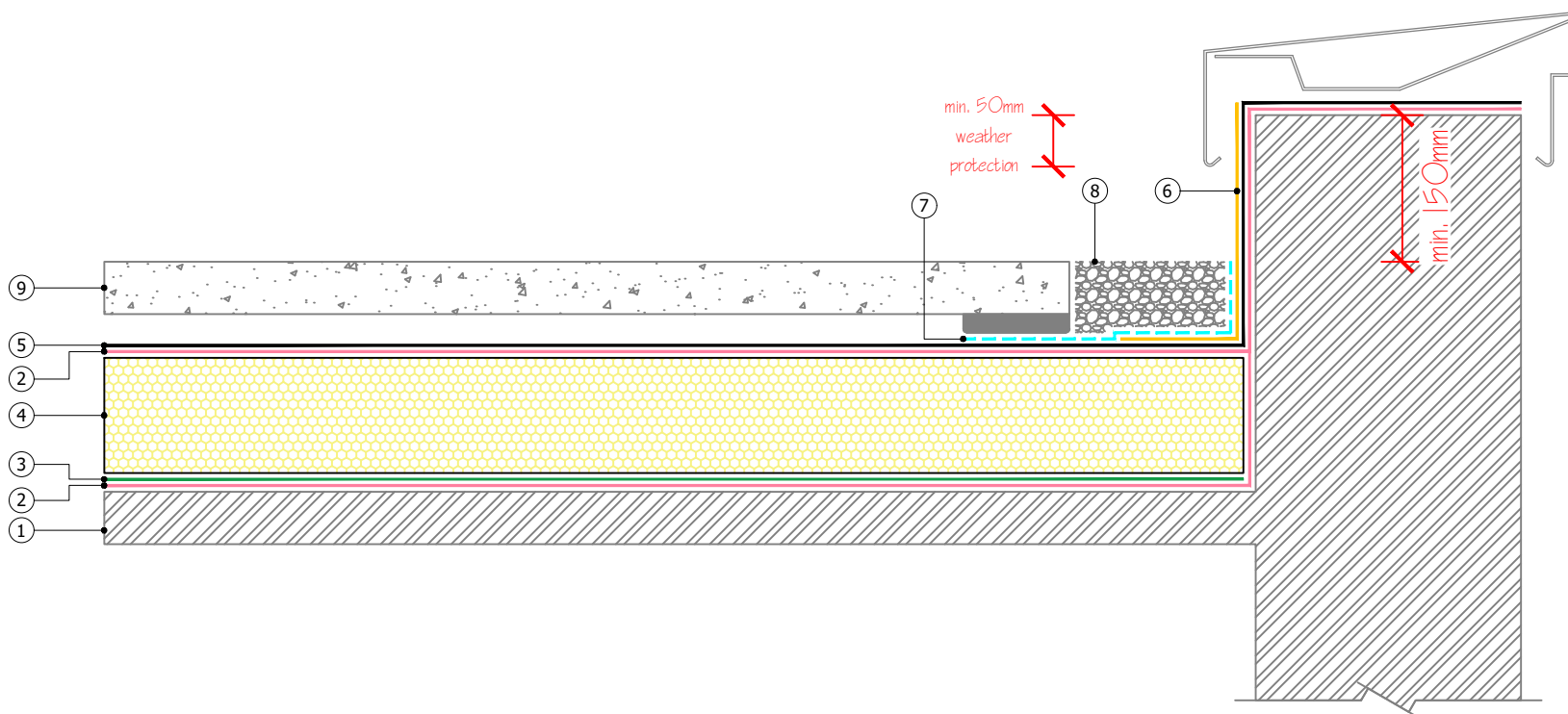
18/06/2025

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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  **Cold Melt®**
- ⑥  **Cold Melt® UV Top** (all exposed areas)
- ⑦  **Proteus Pro-Therm Low-K** (separation layer)
- ⑧  **Gravel ballast** (2000/553/EC compliant)
- ⑨  **Paving slabs on pads** (2000/553/EC compliant)



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Drawing No.:

SD_CM_BUR_06

Roof Type:

BUR

Description:

Uninsulated Parapet - Capping

Scale:

NTS

Drawn:

W.Harding











Date:

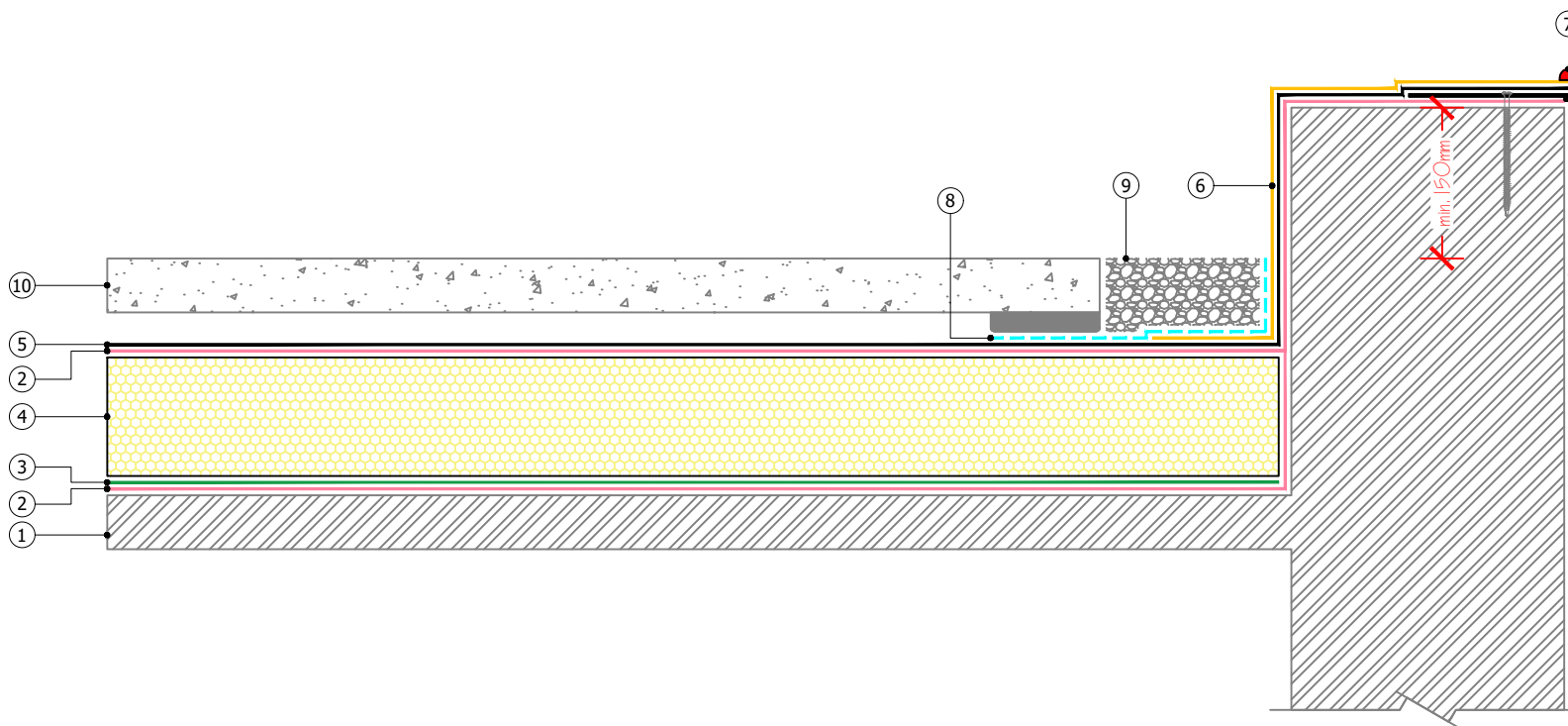
18/06/2025

Proteus Cold Melt®



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  **Cold Melt®**
- ⑥  **Cold Melt® UV Top** (all exposed areas)
- ⑦  **GRP Trim** (mechanically fixed) and **Proteus Sealant**
- ⑧  **Proteus Pro-Therm Low-K** (separation layer)
- ⑨  **Gravel ballast** (2000/553/EC compliant)
- ⑩  **Paving slabs on pads** (2000/553/EC compliant)



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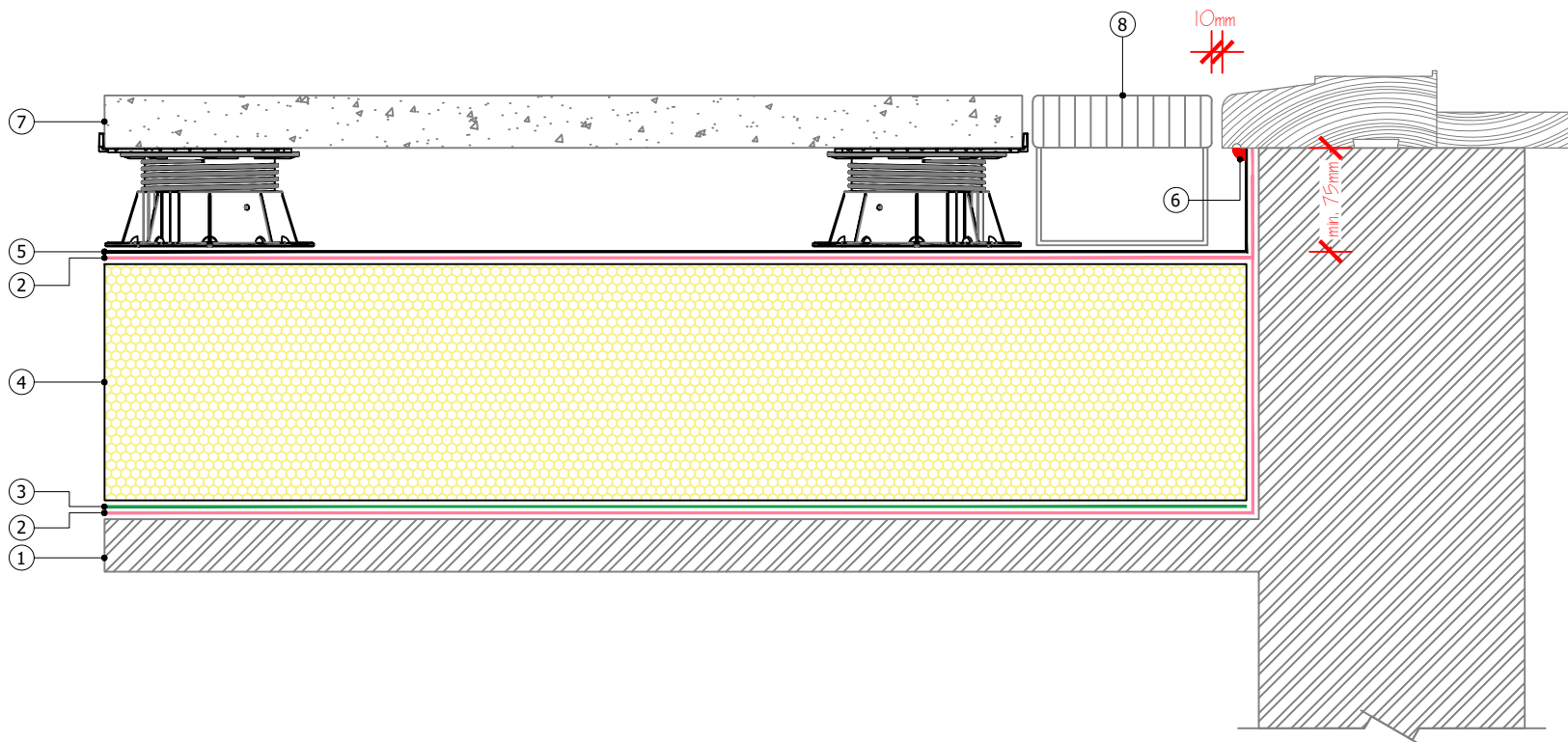
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Drawing No.:		Roof Type:
SD_CM_BUR_07		BUR
Description:		
Parapet - GRP Trim		
Scale:	Drawn:	Date:
NTS	W.Harding	18/06/2025

Proteus Cold Melt®



- 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  **Cold Melt®**
- ⑥  **Proteus Sealant**
- ⑦  Paving slabs on pedestals (2000/553/EC compliant)
- ⑧  Slot drain (by others)



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Drawing No.:

SD_CM_BUR_08

Roof Type:

BUR

Description:

Level Threshold (Existing) - Sealant

Scale:

NTS

Drawn:

W.Harding









Date:

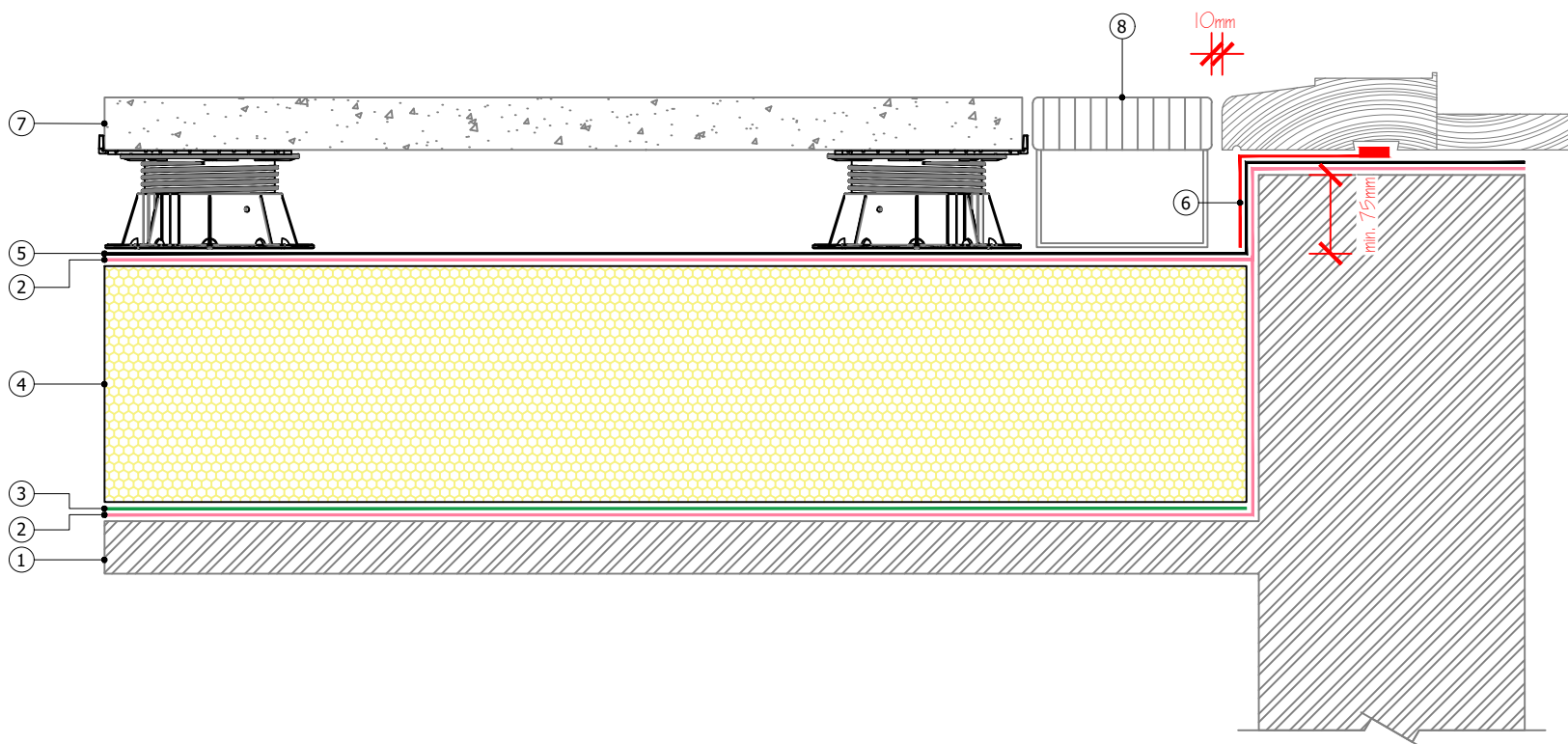
18/06/2025

Proteus Cold Melt®



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  **Cold Melt®**
- ⑥  EPDM membrane (by others - min. 100mm lap onto waterproofing)
- ⑦  Paving slabs on pedestals (2000/553/EC compliant)
- ⑧  Slot drain (by others)



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Drawing No.:

SD_CM_BUR_09

Roof Type:

BUR

Description:

Level Threshold (New) - EPDM

Scale:

NTS

Drawn:

W.Harding















Date:

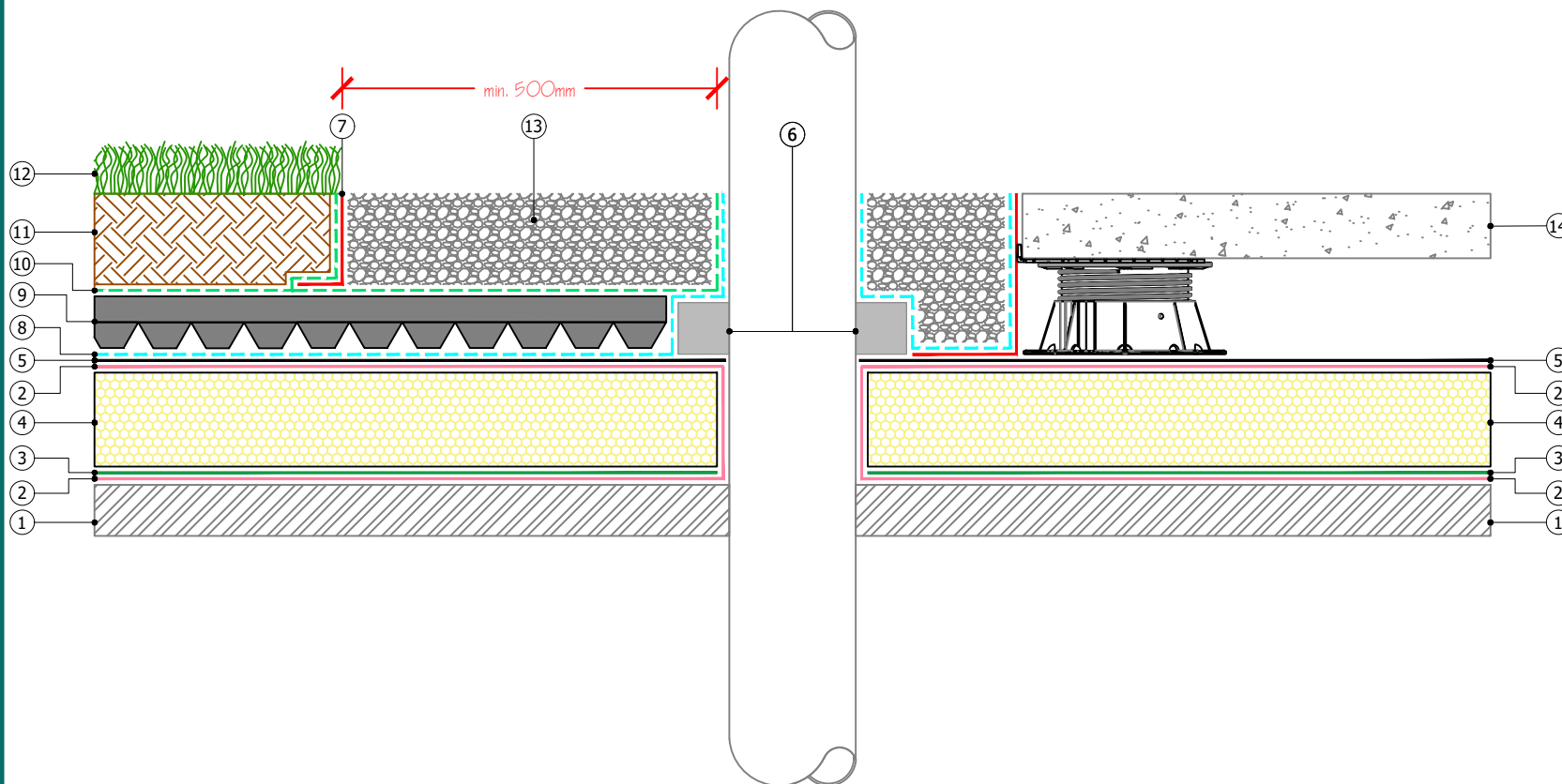
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Proteus Cold Melt®



Proteus
WATERPROOFING

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- 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  **Cold Melt®**
- ⑥  **Cold Melt® Pitch Pocket**
- ⑦  **Pro-Living® Drainage Trim**
- ⑧  **Proteus Pro-Therm Low-K** (separation layer)
- ⑨  **Pro-Living® Drainage Board**
- ⑩  **Pro-Living® Filter Fleece**
- ⑪  **Pro-Living® Substrate** (min. 80mm settled depth)
- ⑫  **Pro-Living® Vegetation**
- ⑬  **Gravel ballast** (2000/553/EC compliant)
- ⑭  **Paving slabs on pedestals** (2000/553/EC compliant)



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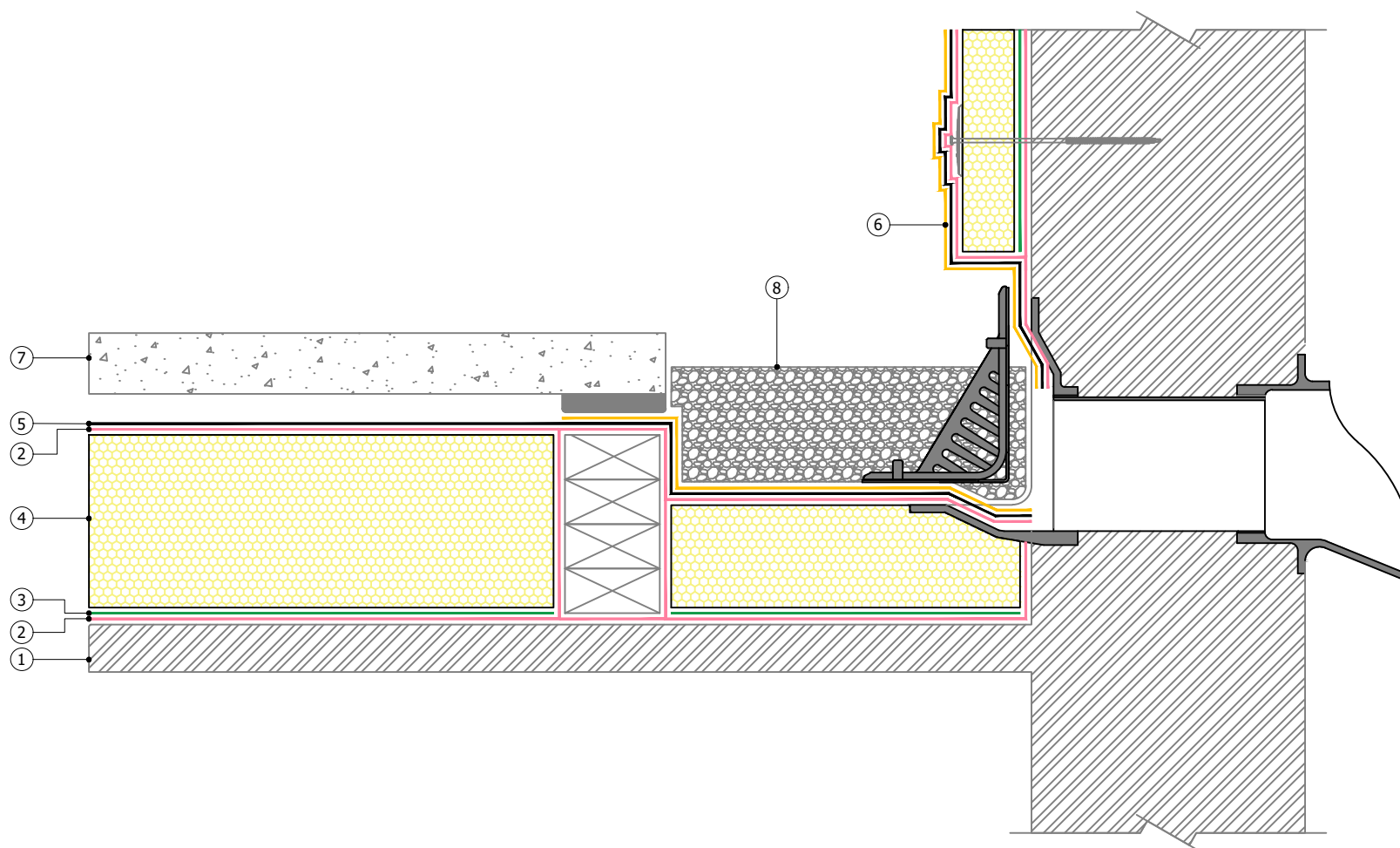
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Drawing No.:	Roof Type:
SD_CM_BUR_10	BUR
Description:	
Cold Pipe Penetration	
Scale:	Drawn:
NTS	W.Harding
Date:	
18/06/2025	

Proteus Cold Melt®



- 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  **Cold Melt®**
- ⑥  **Cold Melt® UV Top** (all exposed areas)
- ⑦  Paving slabs on pads (2000/553/EC compliant)
- ⑧  **Gravel ballast** (2000/553/EC compliant)



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Drawing No.:

SD_CM_BUR_11

Roof Type:

BUR

Description:

Insulated Parapet Gutter

Scale:

NTS

Drawn:

W.Harding













Date:

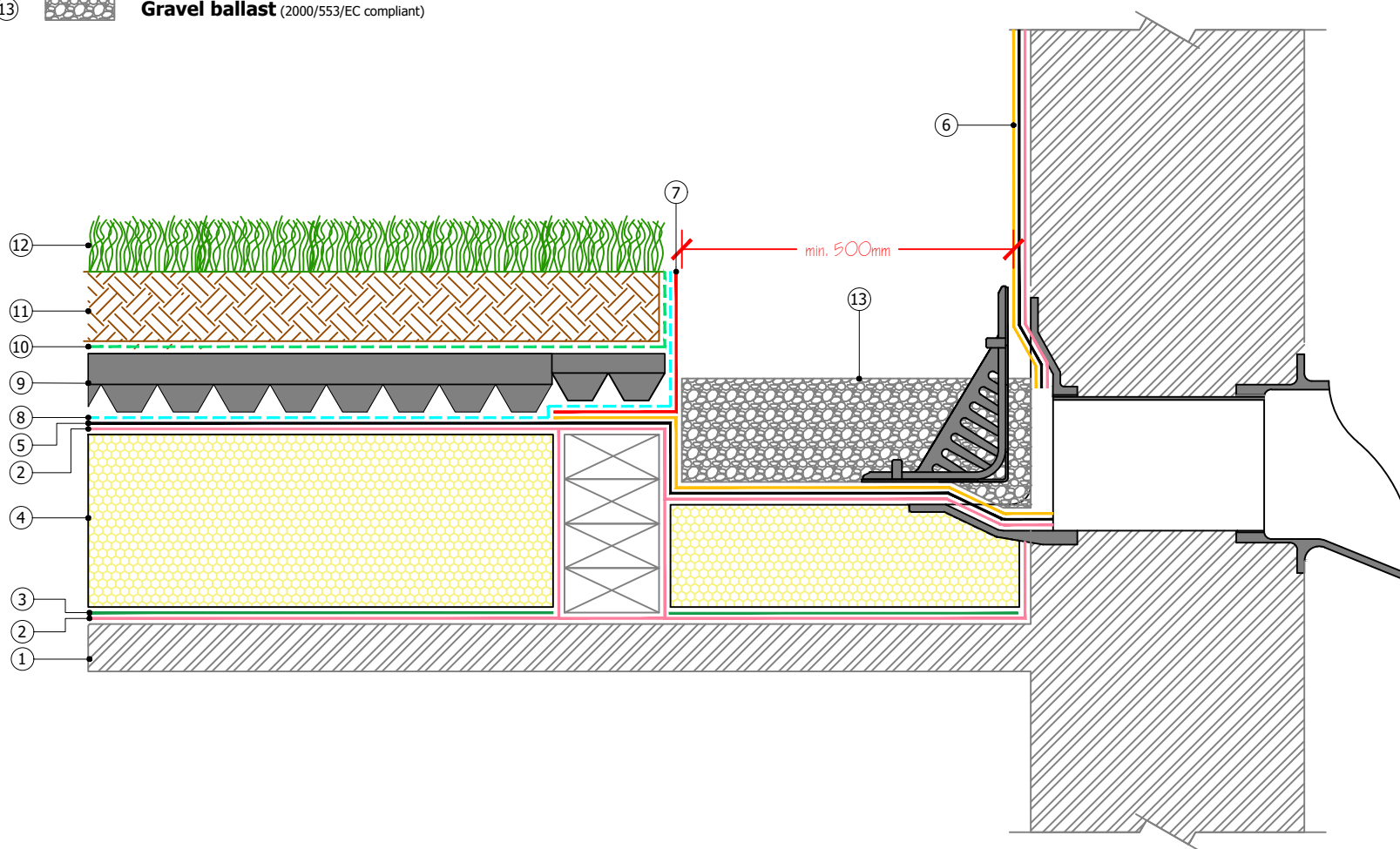
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Proteus Cold Melt®



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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  **Cold Melt®**
- ⑥  **Cold Melt® UV Top** (all exposed areas)
- ⑦  **Pro-Living® Drainage Trim**
- ⑧  **Proteus Pro-Therm Low-K** (separation layer)
- ⑨  **Pro-Living® Drainage Board**
- ⑩  **Pro-Living® Filtration Fleece**
- ⑪  **Pro-Living® Substrate** (min. 80mm settled depth)
- ⑫  **Pro-Living® Vegetation**
- ⑬  **Gravel ballast** (2000/553/EC compliant)



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Drawing No.:

SD_CM_BUR_12

Roof Type:

BUR

Description:

Uninsulated Parapet Gutter

Scale:

NTS

Drawn:
















W.Harding

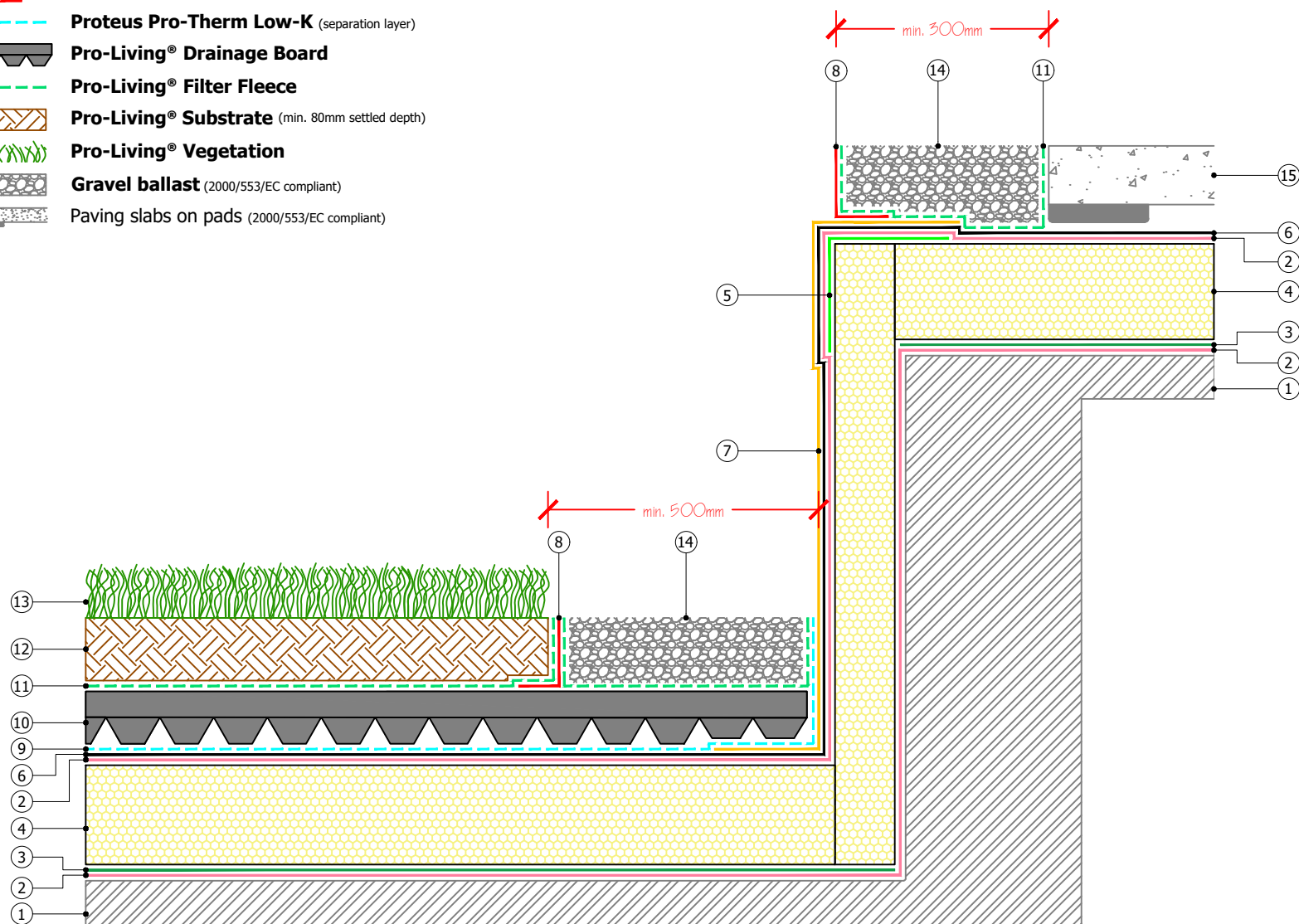
Date:

18/06/2025

Proteus Cold Melt®



- 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  **Cold Melt®**
- ⑦  **Cold Melt® UV Top** (all exposed areas)
- ⑧  **Pro-Living® Drainage Trim**
- ⑨  **Proteus Pro-Therm Low-K** (separation layer)
- ⑩  **Pro-Living® Drainage Board**
- ⑪  **Pro-Living® Filter Fleece**
- ⑫  **Pro-Living® Substrate** (min. 80mm settled depth)
- ⑬  **Pro-Living® Vegetation**
- ⑭  **Gravel ballast** (2000/553/EC compliant)
- ⑮  **Paving slabs on pads** (2000/553/EC compliant)



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Drawing No.:

SD_CM_BUR_13

Roof Type:

BUR

Description:

Roof Transition

Scale:

NTS

Drawn:

W.Harding



















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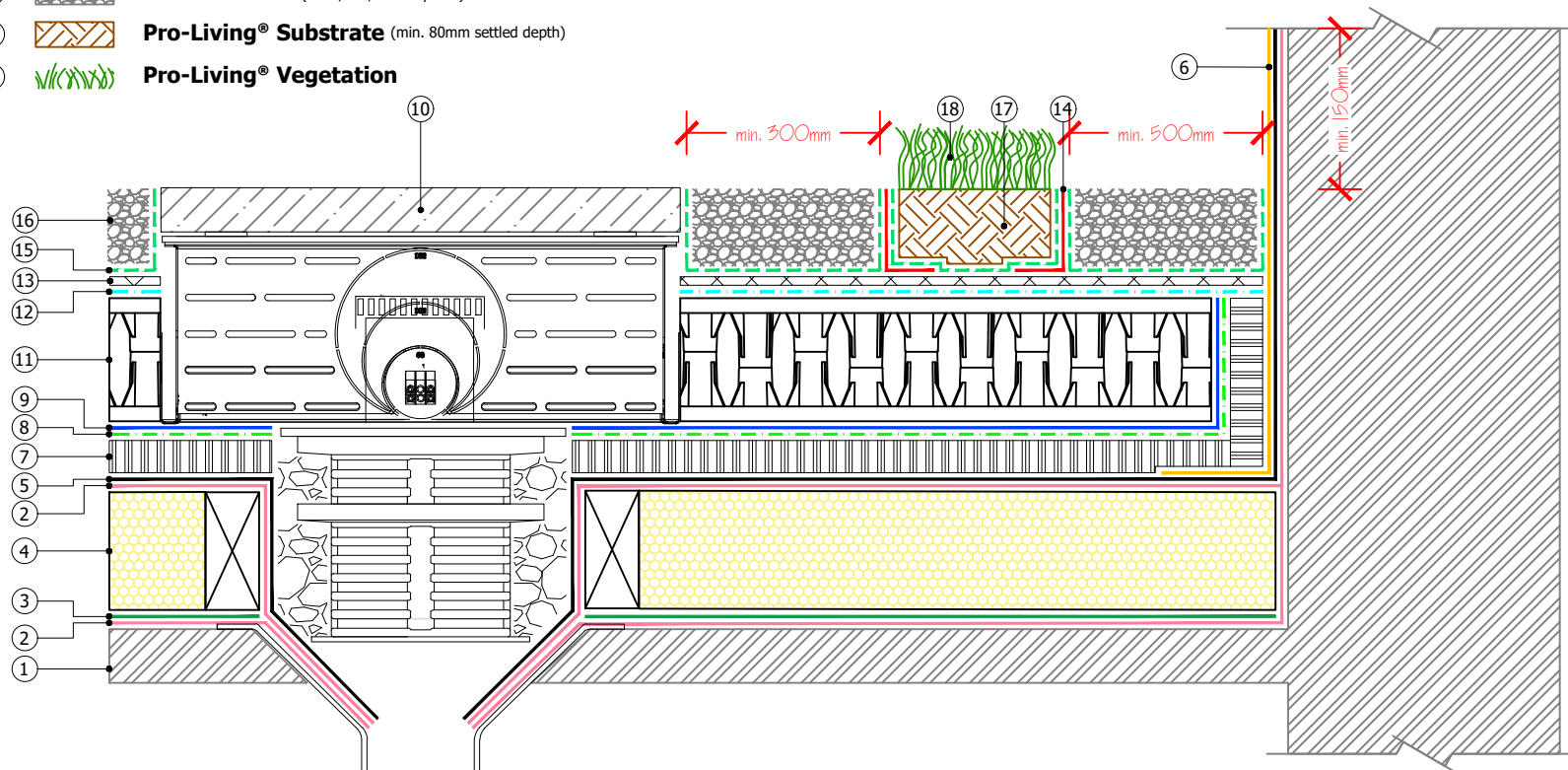
18/06/2025

Proteus Cold Melt®



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** (tissue faced)
- ⑤  **Cold-Melt®**
- ⑥  **Cold Melt® UV Top** (all exposed areas)
- ⑦  **Pro-Living® Blue Boxx 30mm**
- ⑧  **Pro-Living® Blue Boxx HD-350 Geotextile**
- ⑨  **Pro-Living® Aqua Wrap**
- ⑩  **Pro-Living® Blue Boxx Access/Diffuser Unit**
- ⑪  **Pro-Living® Blue Boxx** (size as per specification design)
- ⑫  **Pro-Living® 125 Geotextile**
- ⑬  **Pro-Living® DR8 Drainage Board**
- ⑭  **Pro-Living® Drainage Trim**
- ⑮  **Pro-Living® Filter Fleece**
- ⑯  **Gravel ballast** (2000/553/EC compliant)
- ⑰  **Pro-Living® Substrate** (min. 80mm settled depth)
- ⑱  **Pro-Living® Vegetation**



Proteus Waterproofing Ltd.

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Drawing No.:

SD_CM_BUR_14

Roof Type:

BUR

Description:

Blue Roof

Scale:

NTS

Drawn:

W.Harding

















Date:

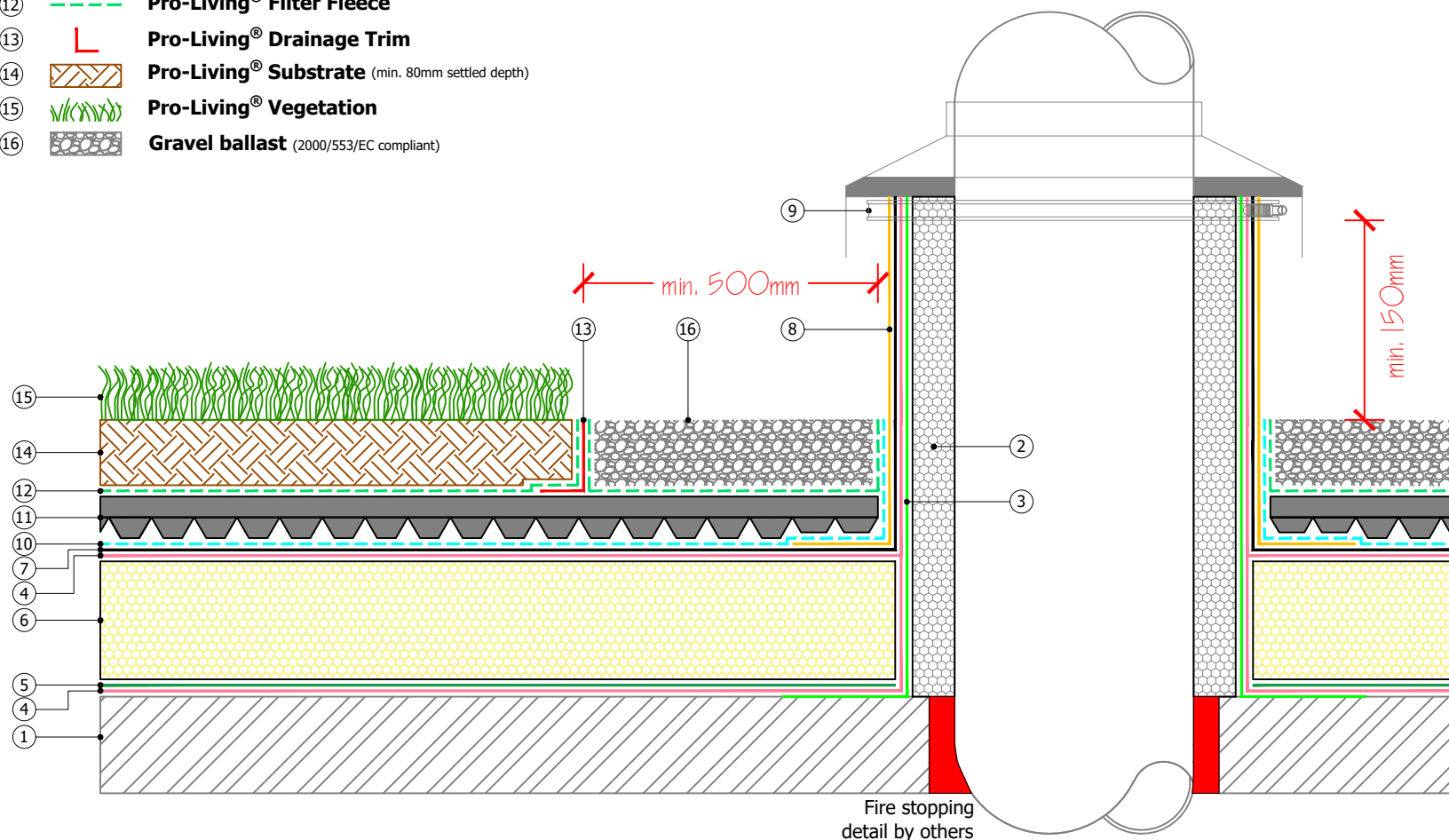
02/05/2025

Proteus Cold Melt®



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  **Cold Melt®**
- ⑧  **Cold Melt® UV Top** (all exposed areas)
- ⑨  Jubilee Clip (by others)
- ⑩  **Proteus Pro-Therm Low-K** (separation layer)
- ⑪  **Pro-Living® Drainage Board**
- ⑫  **Pro-Living® Filter Fleece**
- ⑬  **Pro-Living® Drainage Trim**
- ⑭  **Pro-Living® Substrate** (min. 80mm settled depth)
- ⑮  **Pro-Living® Vegetation**
- ⑯  **Gravel ballast** (2000/553/EC compliant)



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Drawing No.:

SD_CM_BUR_15

Roof Type:

BUR

Description:

Hot pipe penetration

Scale:

NTS

Drawn:

W.Harding
















Date:

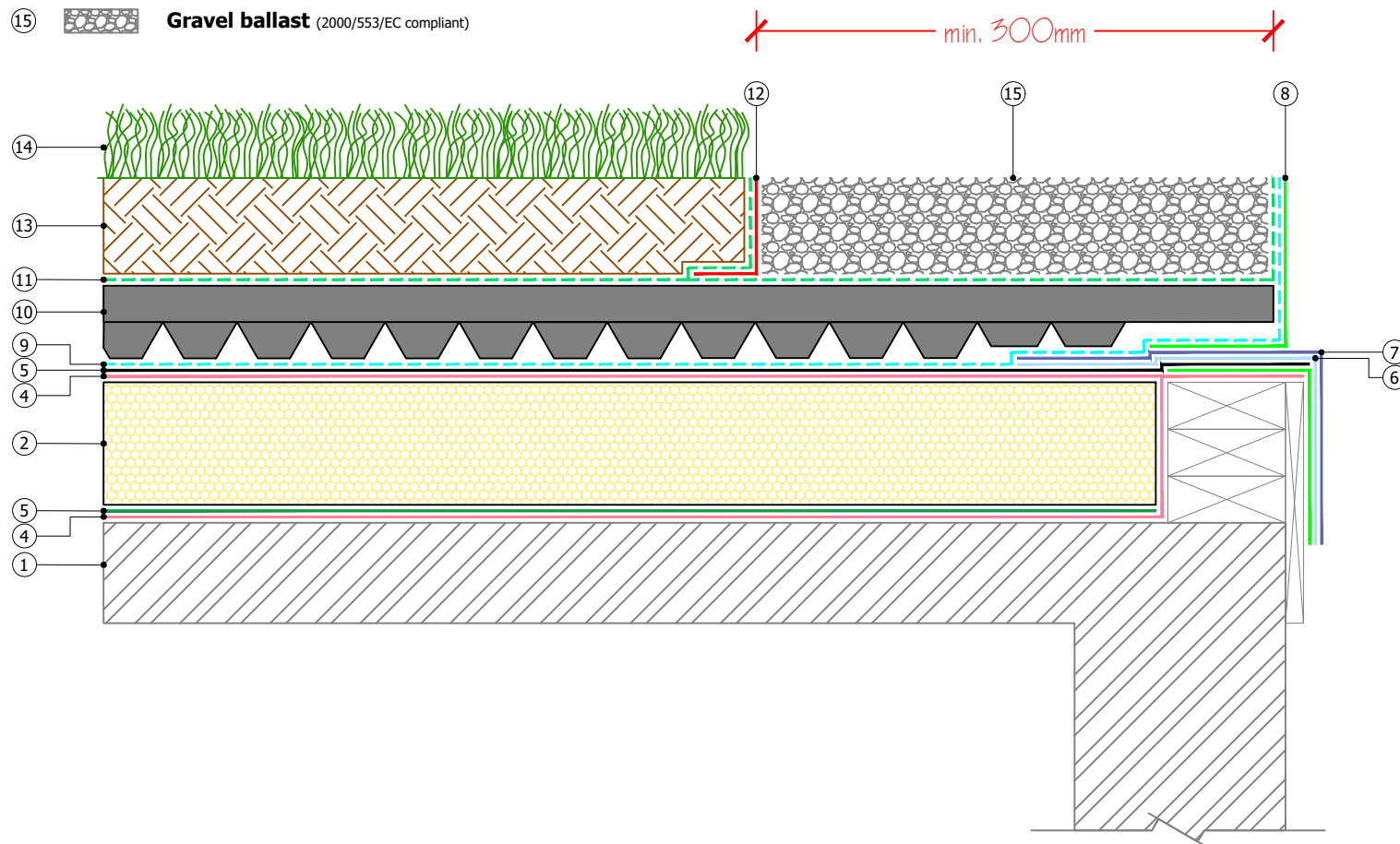
18/06/2025

Proteus Cold Melt®



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  **Cold Melt®**
- ⑥  **Pro-BW® Plus Resin** (base coat) with embedded **Pro-Force 450** reinforcement
- ⑦  **Pro-BW® Plus Resin** (top coat)
- ⑧  Metal angle (by others)
- ⑨  **Proteus Pro-Therm Low-K** (separation layer)
- ⑩  **Pro-Living® Drainage Board**
- ⑪  **Pro-Living® Filter Fleece**
- ⑫  **Pro-Living® Drainage Trim**
- ⑬  **Pro-Living® Substrate** (min. 80mm settled depth)
- ⑭  **Pro-Living® Vegetation**
- ⑮  **Gravel ballast** (2000/553/EC compliant)



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Drawing No.:

SD_CM_BUR_16

Roof Type:

BUR

Description:

Drip Edge for Lift Overrun

Scale:

NTS

Drawn:

W.Harding









Date:

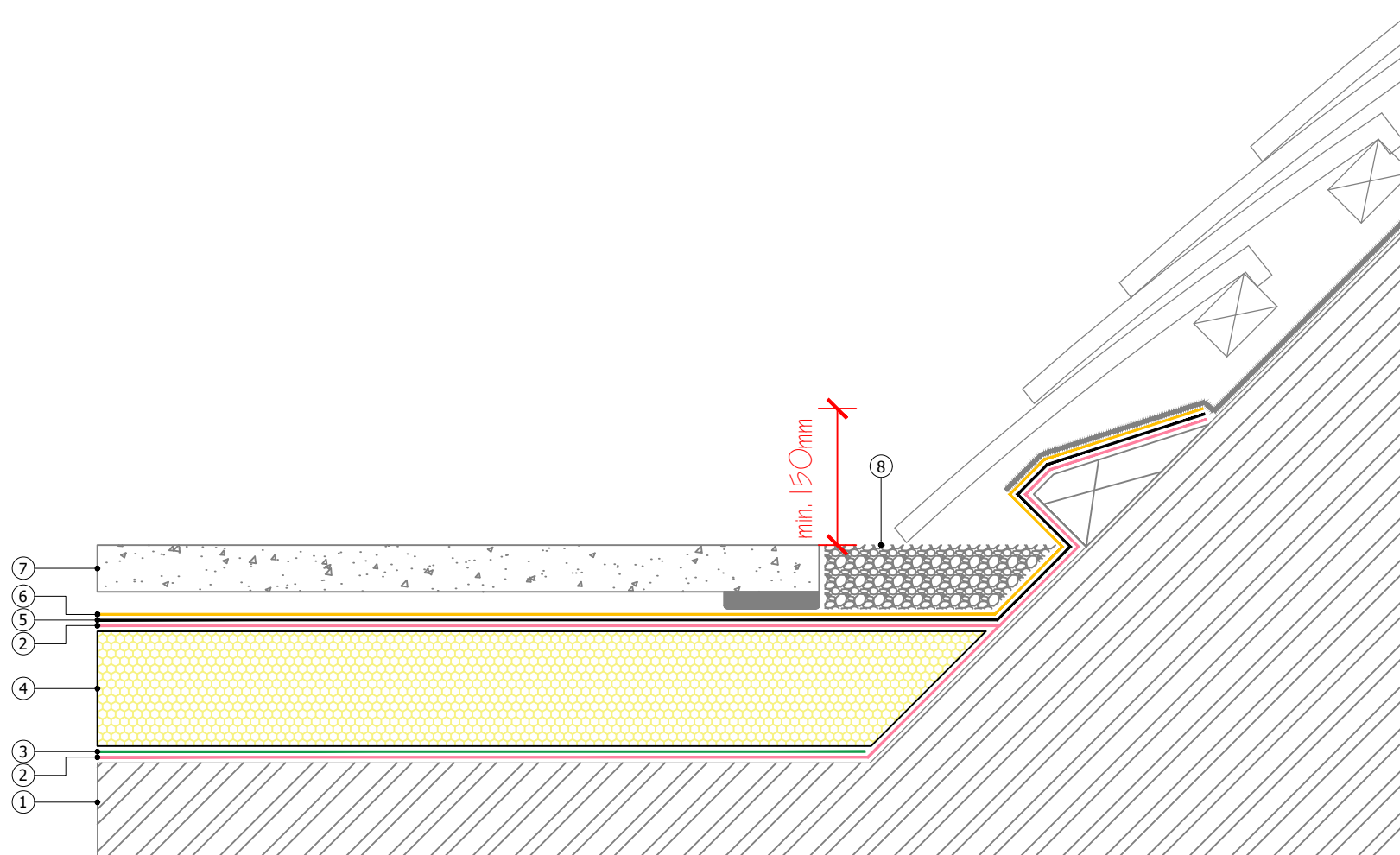
18/06/2025

Proteus Cold Melt®



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  **Cold Melt®**
- ⑥  **Cold Melt® UV Top** (all exposed areas)
- ⑦  **Paving slabs on pads** (2000/553/EC compliant)
- ⑧  **Gravel ballast** (2000/553/EC compliant)



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Drawing No.:

SD_CM_BUR_17

Roof Type:

BUR

Description:

Upstand/Layboard to Pitched Roof

Scale:

NTS

Drawn:

W.Harding










Date:

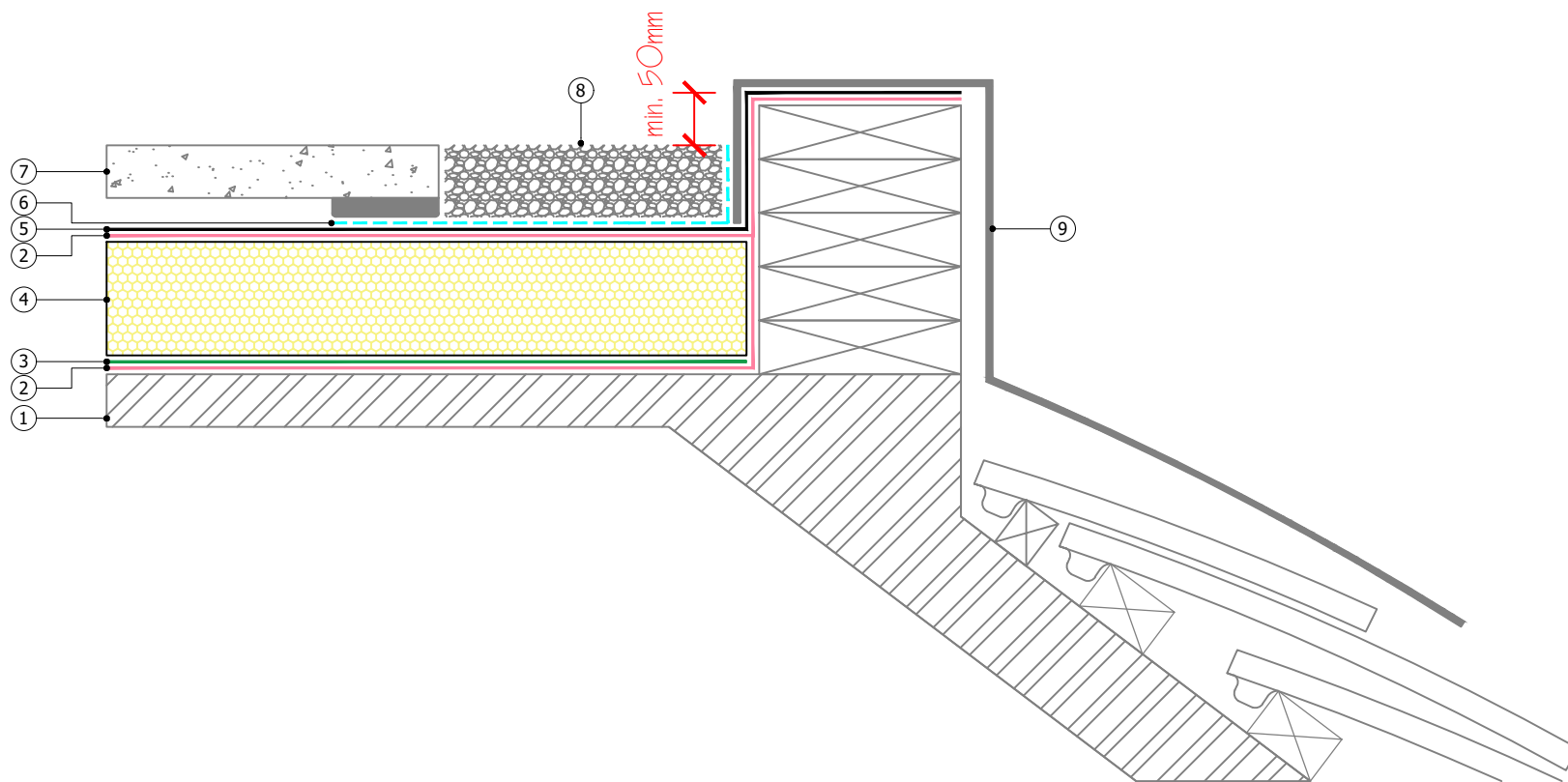
18/06/2025

Proteus Cold Melt®



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  **Cold Melt®**
- ⑥  **Proteus Pro-Therm Low-K** (separation layer)
- ⑦  Paving slabs on pads (2000/553/EC compliant)
- ⑧  **Gravel ballast** (2000/553/EC compliant)
- ⑨  Flashing (by others)



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Drawing No.:

SD_CM_BUR_18

Roof Type:

BUR

Description:

Perimeter Mansard

Scale:

NTS

Drawn:

W.Harding







Date:

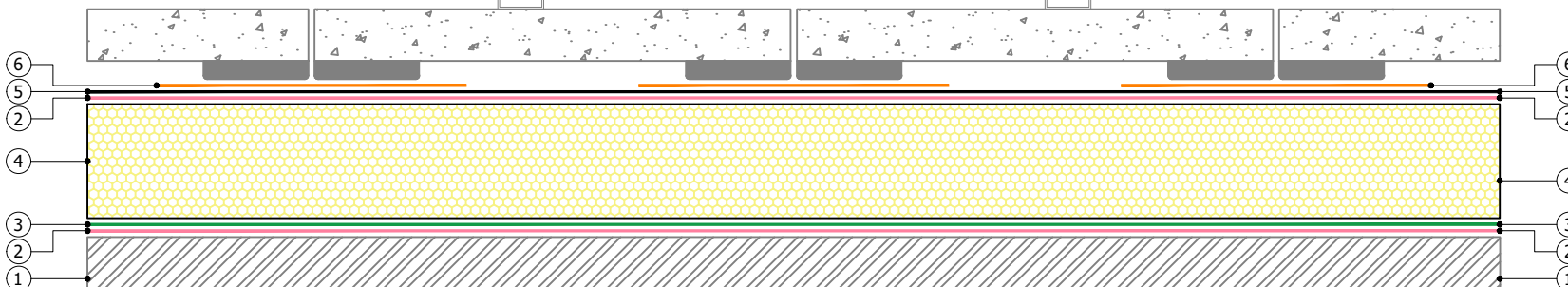
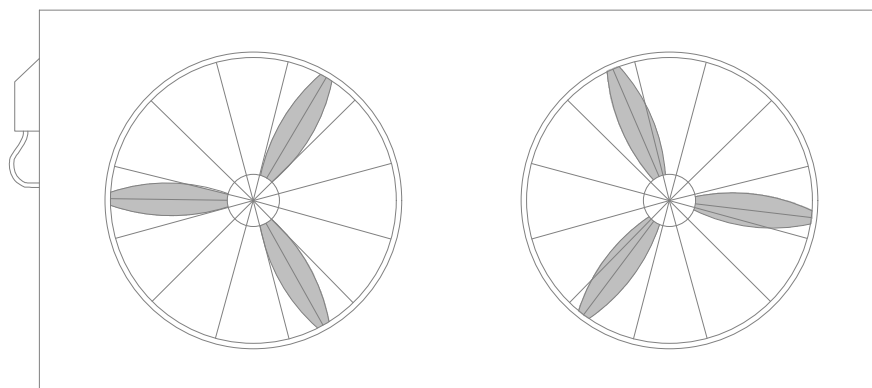
18/06/2025

Proteus Cold Melt®



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  **Cold Melt®**
- ⑥  **Sacrificial Layer** (TBC with Proteus)



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Drawing No.:

SD_CM_BUR_20

Roof Type:

BUR

Description:

Sacrificial layer under free standing plant
















Scale:
NTS

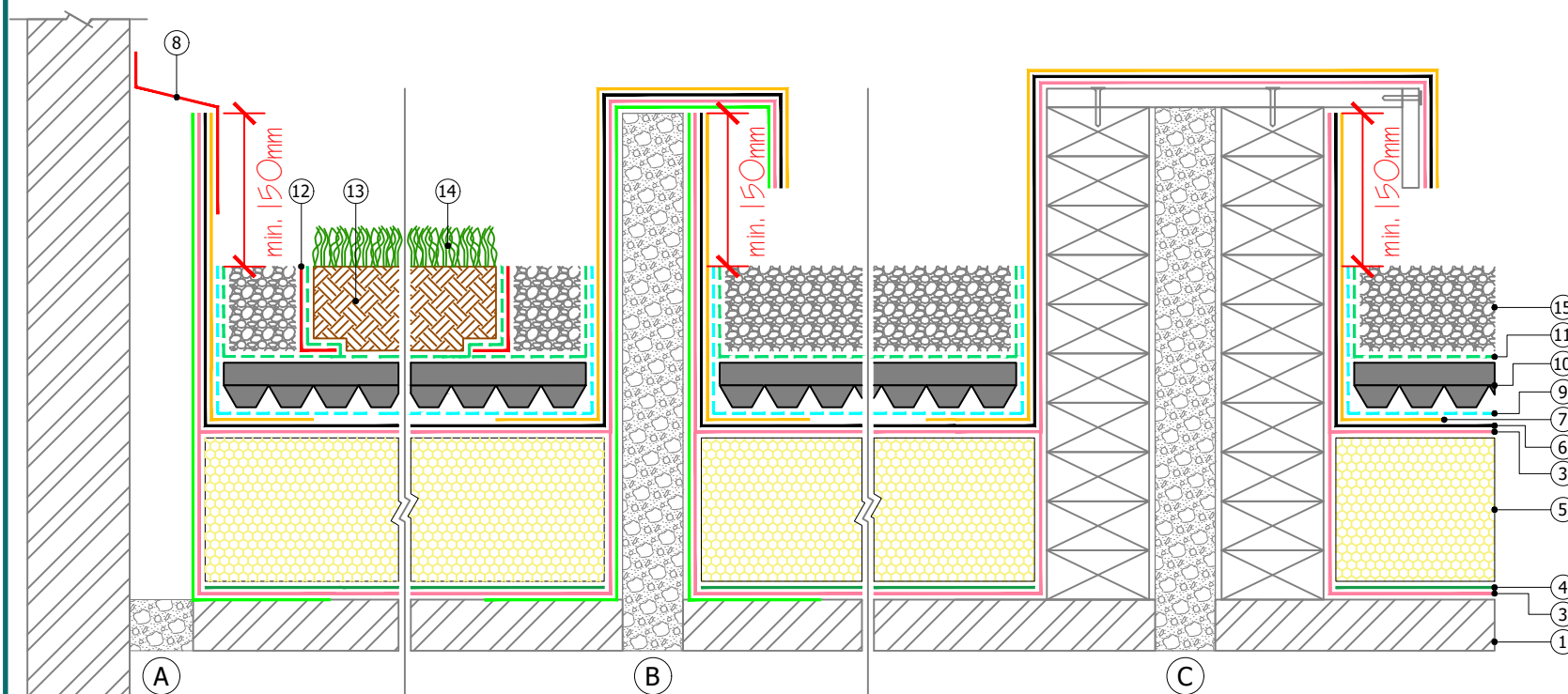
Drawn:
W.Harding

Date:
18/06/2025

Proteus Cold Melt®



- ①  Substrate
- ②  Metal angle
- 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  **Cold Melt®**
- ⑦  **Cold Melt® UV Top** (all exposed areas)
- ⑧  Flashing (by others)
- ⑨  **Proteus Pro-Therm Low-K** (separation layer)
- ⑩  **Pro-Living® Drainage Board**
- ⑪  **Pro-Living® Filter Fleece**
- ⑫  **Pro-Living® Drainage Trim**
- ⑬  **Pro-Living® Substrate** (min. 80mm settled depth)
- ⑭  **Pro-Living® Vegetation**
- ⑮  **Gravel ballast** (2000/553/EC compliant)



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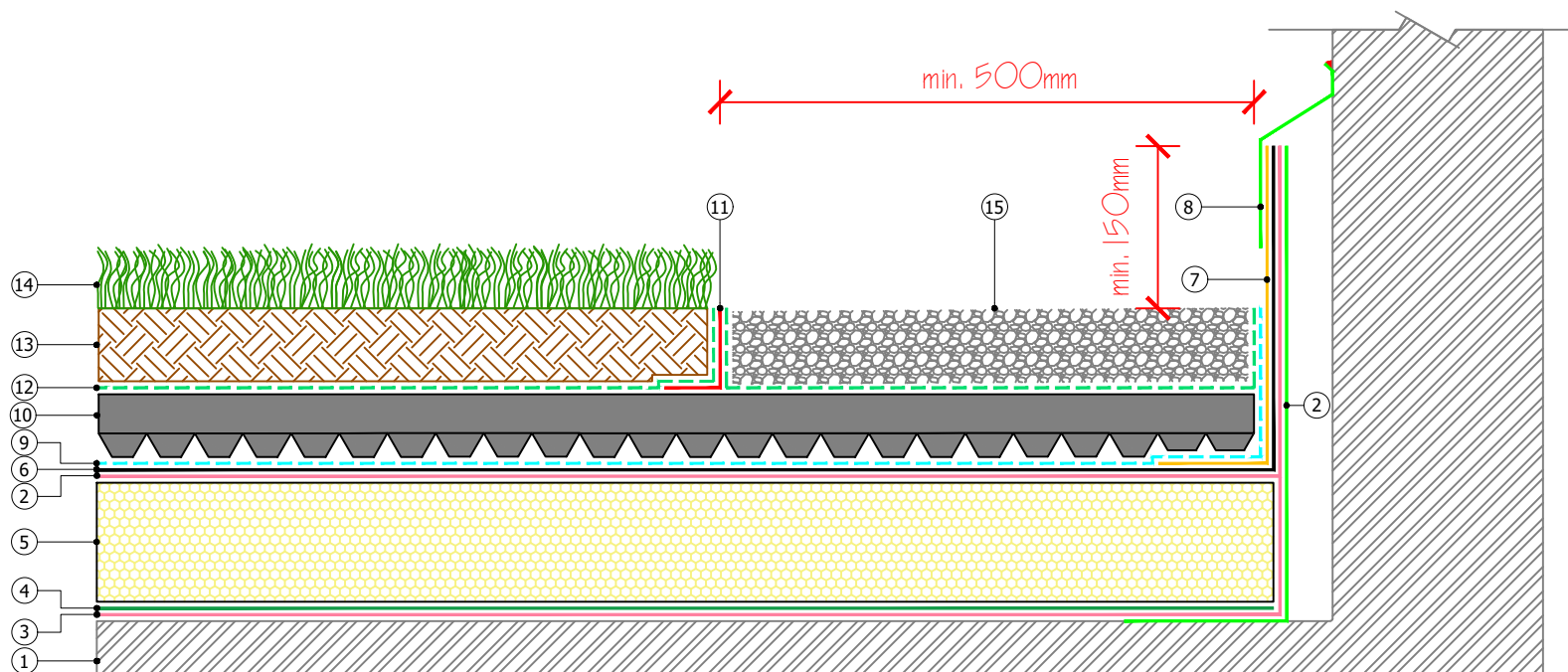
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Drawing No.: SD_CM_BUR_23		Roof Type: BUR
Description: Expansion Joints		
Scale: NTS	Drawn: W.Harding	Date: 18/06/2025

Proteus Cold Melt®



- 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  **Cold Melt®**
- ⑦  **Cold Melt® UV Top** (all exposed areas)
- ⑧  Metal Flashing and Sealant (by others)
- ⑨  **Proteus Pro-Therm Low-K** (separation layer)
- ⑩  **Pro-Living® Drainage Board**
- ⑪  **Pro-Living® Drainage Trim**
- ⑫  **Pro-Living® Filter Fleece**
- ⑬  **Pro-Living® Substrate** (min. 80mm settled depth)
- ⑭  **Pro-Living® Vegetation**
- ⑮  **Gravel ballast** (2000/553/EC compliant)



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Drawing No.:

SD_CM_BUR_24

Roof Type:

BUR

Description:

Independant Upstand

Scale:

NTS

Drawn:

W.Harding















Date:

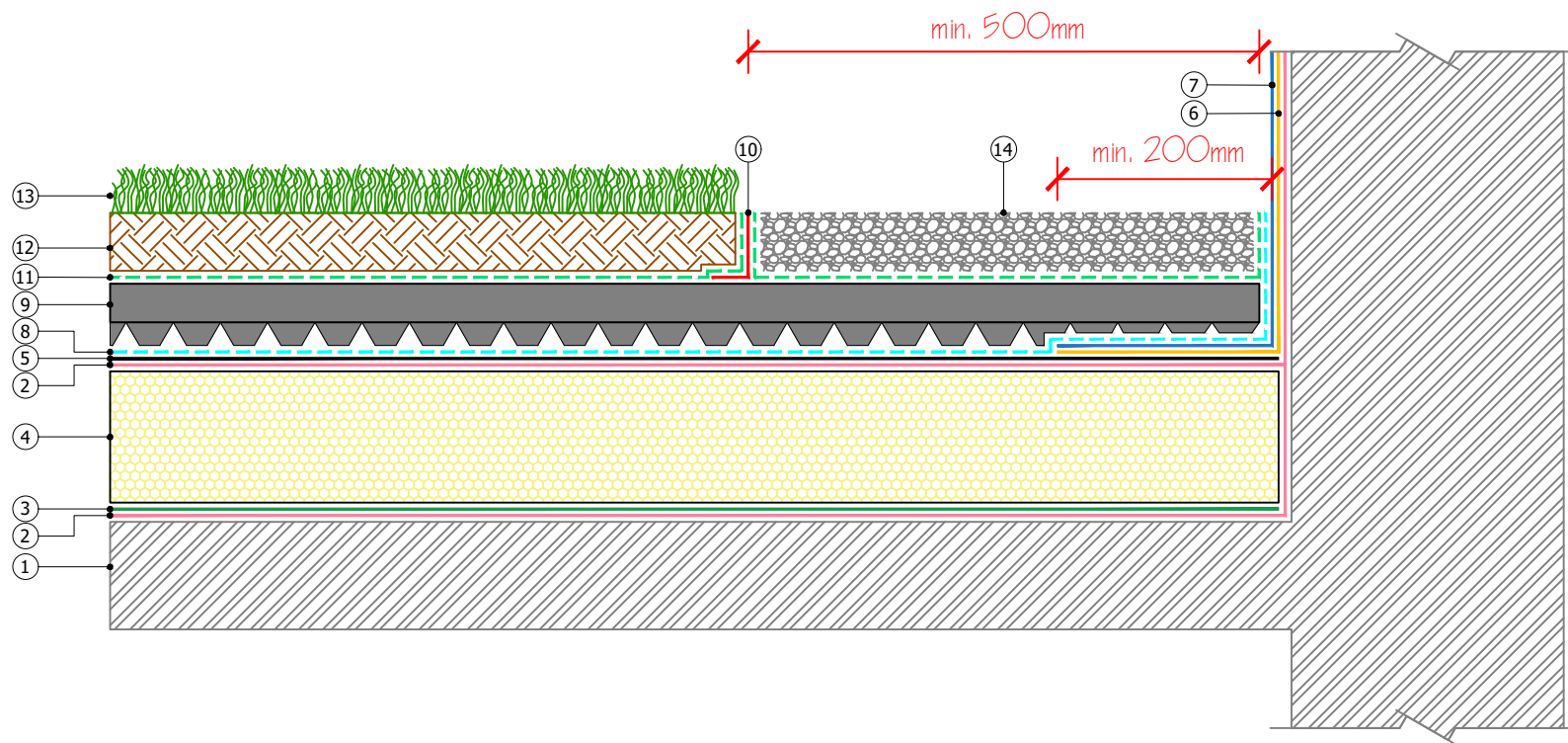
18/06/2025

Proteus Cold Melt®



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  **Cold Melt®**
- ⑥  **Proteus Pro-Cold®** base coat with embedded **Pro-Force 225** reinforcement
- ⑦  **Proteus Pro-Cold®** top coat
- ⑧  **Proteus Pro-Therm Low-K** (separation layer)
- ⑨  **Pro-Living®** Drainage Board
- ⑩  **Pro-Living®** Drainage Trim
- ⑪  **Pro-Living®** Filter Fleece
- ⑫  **Pro-Living®** Substrate (min. 80mm settled depth)
- ⑬  **Pro-Living®** Vegetation
- ⑭  **Gravel ballast** (2000/553/EC compliant)



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Drawing No.:

SD_CM_BUR_25

Roof Type:

BUR

Description:

Hybrid Upstand

Scale:

NTS

Drawn:

W.Harding

















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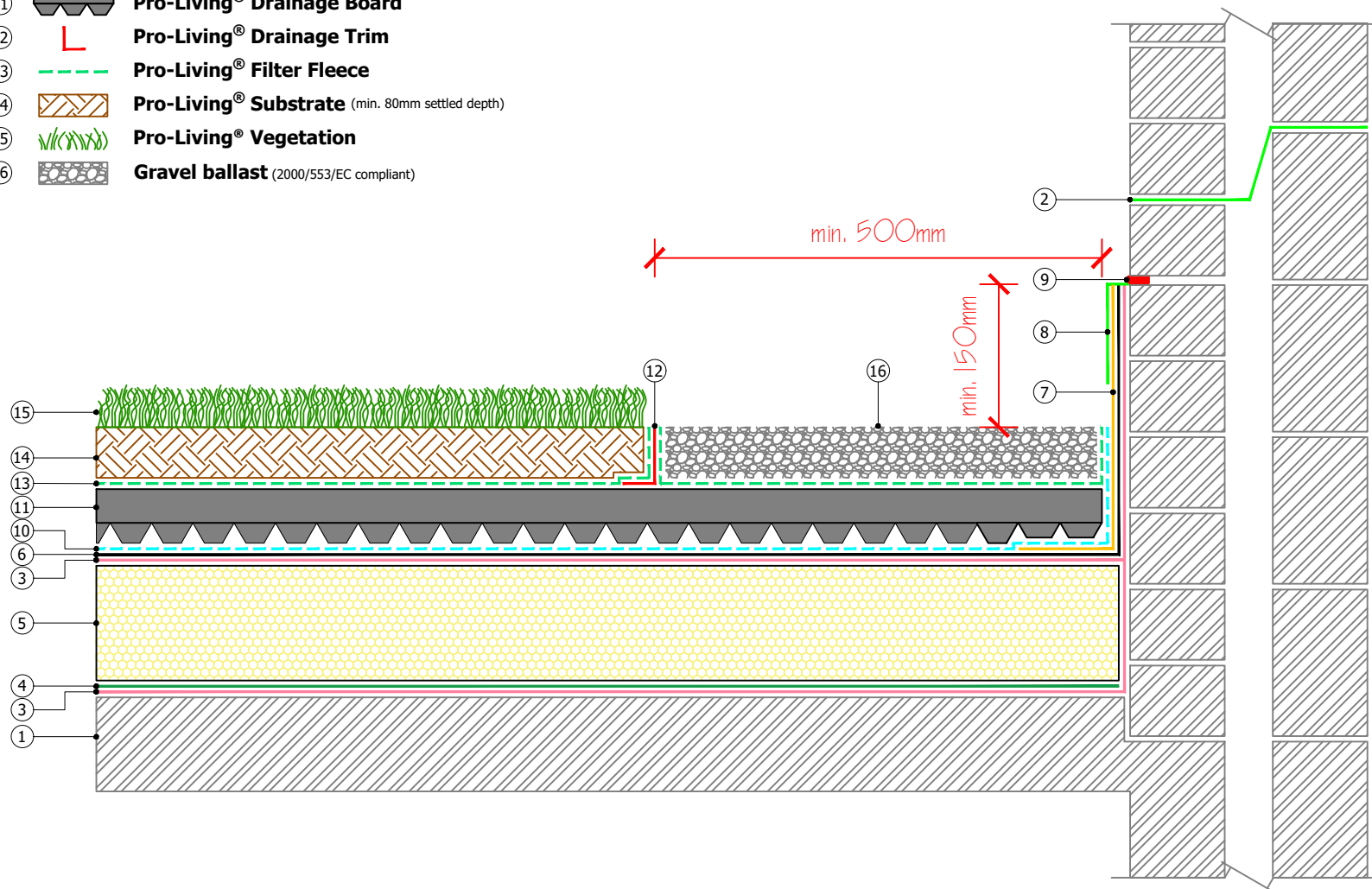
18/06/2025

Proteus Cold Melt®



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  **Cold Melt®**
- ⑦  **Cold Melt® UV Top** (all exposed areas)
- ⑧  Metal Flashing (by others)
- ⑨  **Proteus Sealant**
- ⑩  **Proteus Pro-Therm Low-K** (separation layer)
- ⑪  **Pro-Living® Drainage Board**
- ⑫  **Pro-Living® Drainage Trim**
- ⑬  **Pro-Living® Filter Fleece**
- ⑭  **Pro-Living® Substrate** (min. 80mm settled depth)
- ⑮  **Pro-Living® Vegetation**
- ⑯  **Gravel ballast** (2000/553/EC compliant)



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Drawing No.:

SD_CM_BUR_26

Roof Type:

BUR

Description:

Cavity Tray

Scale:

NTS

Drawn:

W.Harding

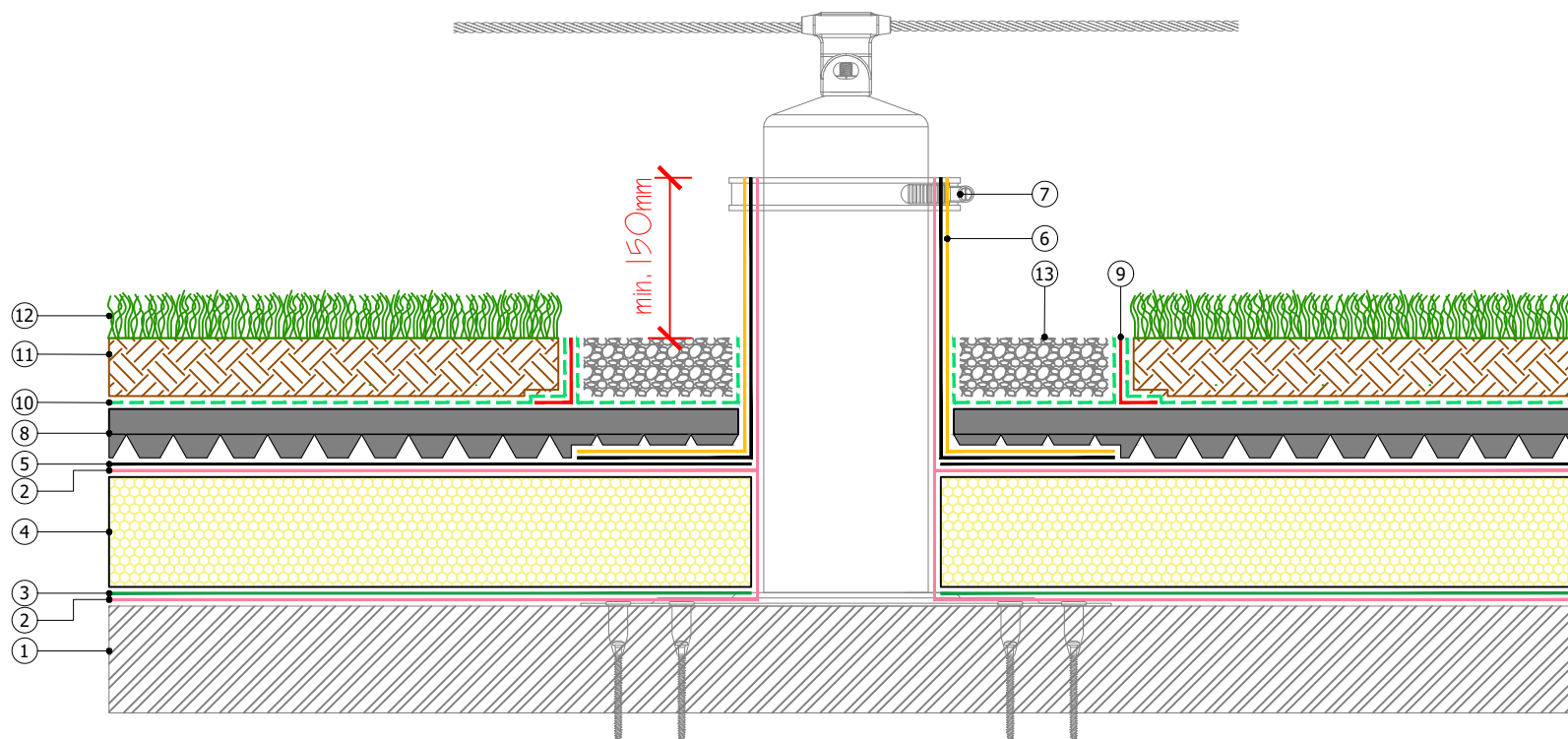
Date:

18/06/2025

Proteus Cold Melt®



- 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  **Cold Melt®**
- ⑥  **Cold Melt® UV Top** (all exposed areas)
- ⑦  Jubilee Clip (by others)
- ⑧  **Pro-Living® Drainage Board**
- ⑨  **Pro-Living® Drainage Trim**
- ⑩  **Pro-Living® Filter Fleece**
- ⑪  **Pro-Living® Substrate** (min. 80mm settled depth)
- ⑫  **Pro-Living® Vegetation**
- ⑬  **Gravel ballast** (2000/553/EC compliant)



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Drawing No.: SD_CM_BUR_27		Roof Type: BUR
Description: Fall Arrest System		
Scale: NTS	Drawn: W.Harding	Date: 18/06/2025

Proteus Cold Melt®

