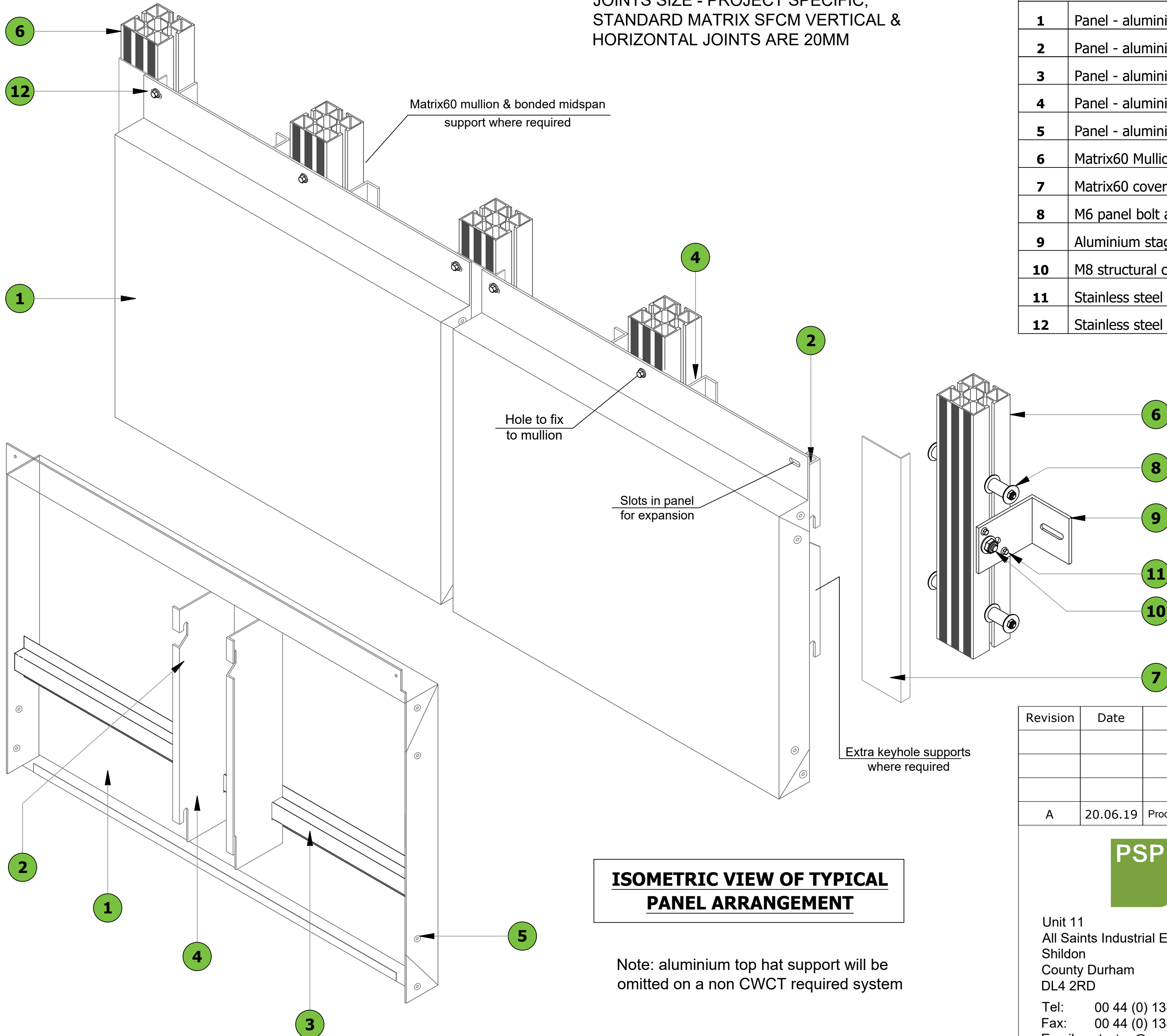


JOINTS SIZE - PROJECT SPECIFIC;  
STANDARD MATRIX SFCM VERTICAL &  
HORIZONTAL JOINTS ARE 20MM



**PARTS LIST**

1	Panel - aluminium skin, 3mm	} Factory assembled
2	Panel - aluminium angle hook, 3mm	
3	Panel - aluminium top hat support, 3mm	
4	Panel - aluminium midspan support, 3mm	
5	Panel - aluminium rivet	
6	Matrix60 Mullion (M60-M)	
7	Matrix60 cover (M60-C) optional	
8	M6 panel bolt assembly (M6-PBA)	
9	Aluminium staggered structural cleat, 6mm	
10	M8 structural cleat bolt assembly (M8-CBA)	
11	Stainless steel fixing (TBC)	
12	Stainless steel fixing (TBC)	

**ISOMETRIC VIEW OF TYPICAL  
PANEL ARRANGEMENT**

Note: aluminium top hat support will be omitted on a non CWCT required system

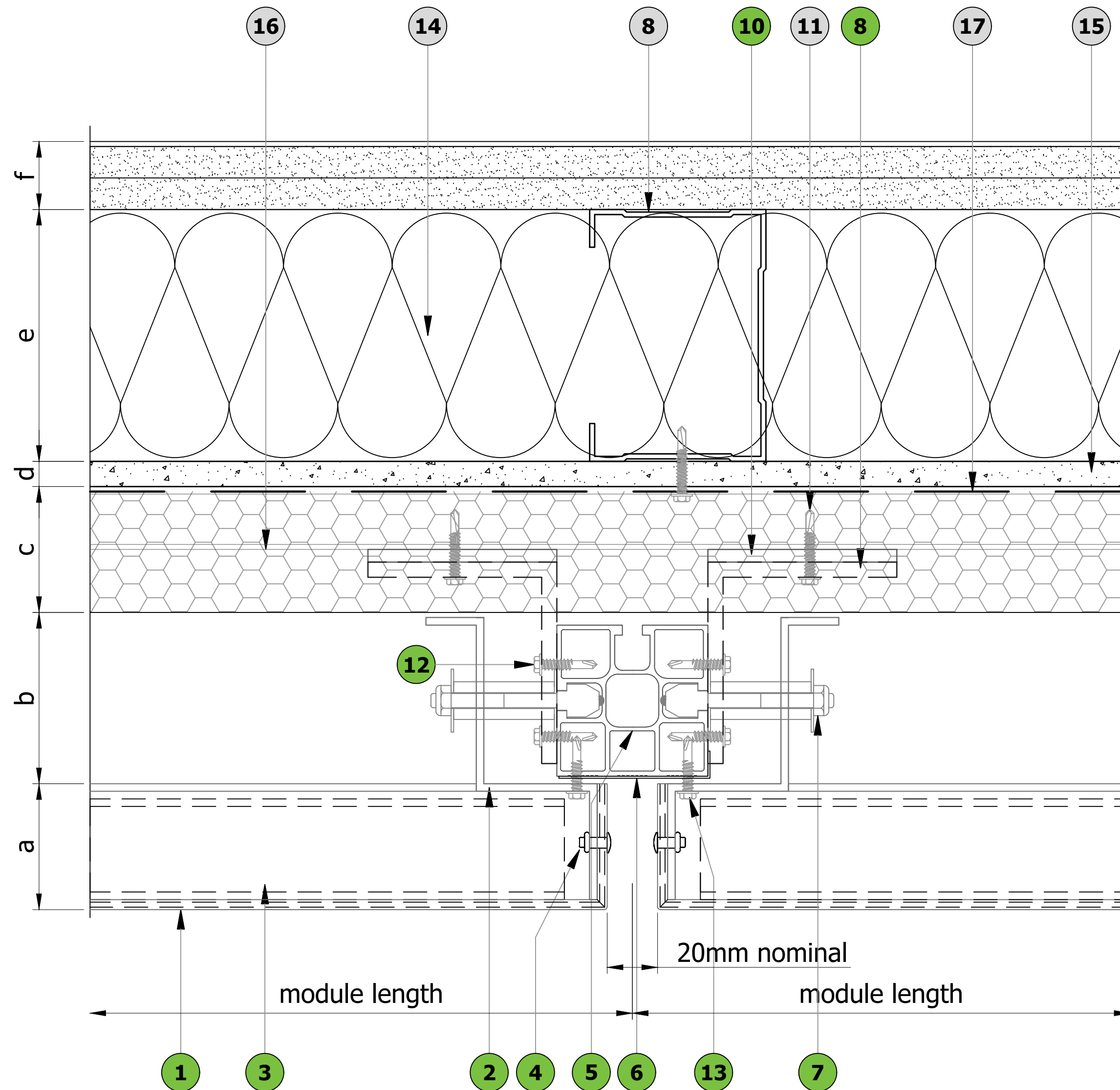
Revision	Date	Details
A	20.06.19	Product Re-Branding



Unit 11  
All Saints Industrial Estate  
Shildon  
County Durham  
DL4 2RD  
Tel: 00 44 (0) 1388 770490  
Fax: 00 44 (0) 1388 778068  
Email: design@pspuke.com  
www.pspuk.com

Drawn by: SB	Date: 20.06.19	Scale: 1:2 @ A3
Title: Typical Panel Arrangement		
Client: P.S.P.		
Project: Matrix SFCM Standard Details		
Drwg. No.:	Status:	Approved
PSP-MSFCM-001	Revision:	A

\* details are typical and it is the responsibility of the installer/designer to ensure the suitability for each specific project, PSP will not be held responsible



**LEGEND:**


<b>N</b> (Green circle)	part of system, provided by PSP
<b>N</b> (Light green circle)	not part of system, can be provided by PSP
<b>N</b> (Grey circle)	provided by others

**VERTICAL PANEL JOINT DETAIL**

PARTS LIST	
1	Panel - ACM, 3mm
2	Panel - aluminium angle hook, 3mm
3	Panel - aluminium top hat support, 3mm
4	Panel - aluminium rivet
} Factory assembled	
5	Matrix60 Mullion (M60-M)
6	Matrix60 cover (M60-C) optional
7	M6 panel bolt assembly (M6-PBA)
8	Aluminium staggered structural cleat, 6mm
9	SFS support structure by others
10	Optional PVC thermal break, 5mm
11	Stainless steel fixing (TBC)
12	JT4-4-4.8x19 Stainless steel fixing
13	JT4-6-5.5x22 A14 Stainless steel fixing
14	Rockwool insulation by others
15	Cement particle board by others
16	Galvanized steel top hat
17	Breather membrane by others

LEGEND	
a	Panel thickness - 50mm
b	Cladding cavity (British standard - 25mm, NHBC - 50mm (open joints) and 38mm (baffled joints)
c	Rigid sheet insulation (project specific depending on specified U-value)
d	Sheeting board - 10mm or 12mm
e	SFS - 90mm...154mm (depending on system specification)
f	Internal plaster board - 30mm

Revision	Date	Details
A	20.06.19	Product Re-Branding



Unit 11  
All Saints Industrial Estate  
Shildon  
County Durham  
DL4 2RD  
Tel: 00 44 (0) 1388 770490  
Fax: 00 44 (0) 1388 778068  
Email: design@pspuk.com  
www.pspuk.com

Drawn by: <b>SB</b>	Date: 20.06.19	Scale: 1:2 @ A3
Title: <b>Vertical Panel Joint Detail</b>		
Client: <b>P.S.P.</b>		
Project: <b>Matrix SFCM Standard Details</b>		
Drwg. No.:	Status:	Approved
<b>PSP-MSFCM-002</b>	Revision:	A


\* details are typical and it is the responsibility of the installer/designer to ensure the suitability for each specific project, PSP will not be held responsible

## PARTS LIST

1	Panel - ACM, 3mm	} Factory assembled
2	Panel - aluminium midspan support, 3mm	
3	Panel - aluminium rivet	
4	Matrix60 Mullion (M60-M)	
5	Matrix60 cover (M60-C) optional	
6	M6 panel bolt assembly (M6-PBA)	
7	Aluminium staggered structural cleat, 6mm	
8	SFS support structure by others	
9	Optional PVC thermal break, 5mm	
10	Stainless steel fixing (TBC)	
11	JT4-4-4.8x19 Stainless steel fixing	
12	JT4-6-5.5x22 A14 Stainless steel fixing	
13	Rockwool insulation by others	
14	Cement particle board by others	
15	Wallboard by others	
16	Breather membrane by others	
17	Galvanized steel top hat	
18		

LEGEND	
a	Panel thickness - 50mm
b	Cladding cavity (British standard - 25mm, NHBC - 50mm (open joints) and 38mm (baffled joints))
c	Rigid sheet insulation (project specific depending on specified U-value)
d	Sheeting board - 10mm or 12mm
e	SFS - 90mm...154mm (depending on system specification)
f	Internal plaster board - 30mm

Revision	Date	Details
A	20.06.19	Product Re-Branding



Unit 11  
All Saints Industrial Estate  
Shildon  
County Durham  
DL4 2RD

Tel: 00 44 (0) 1388 770490  
Fax: 00 44 (0) 1388 778068  
Email: design@pspuk.com  
www.pspuk.com

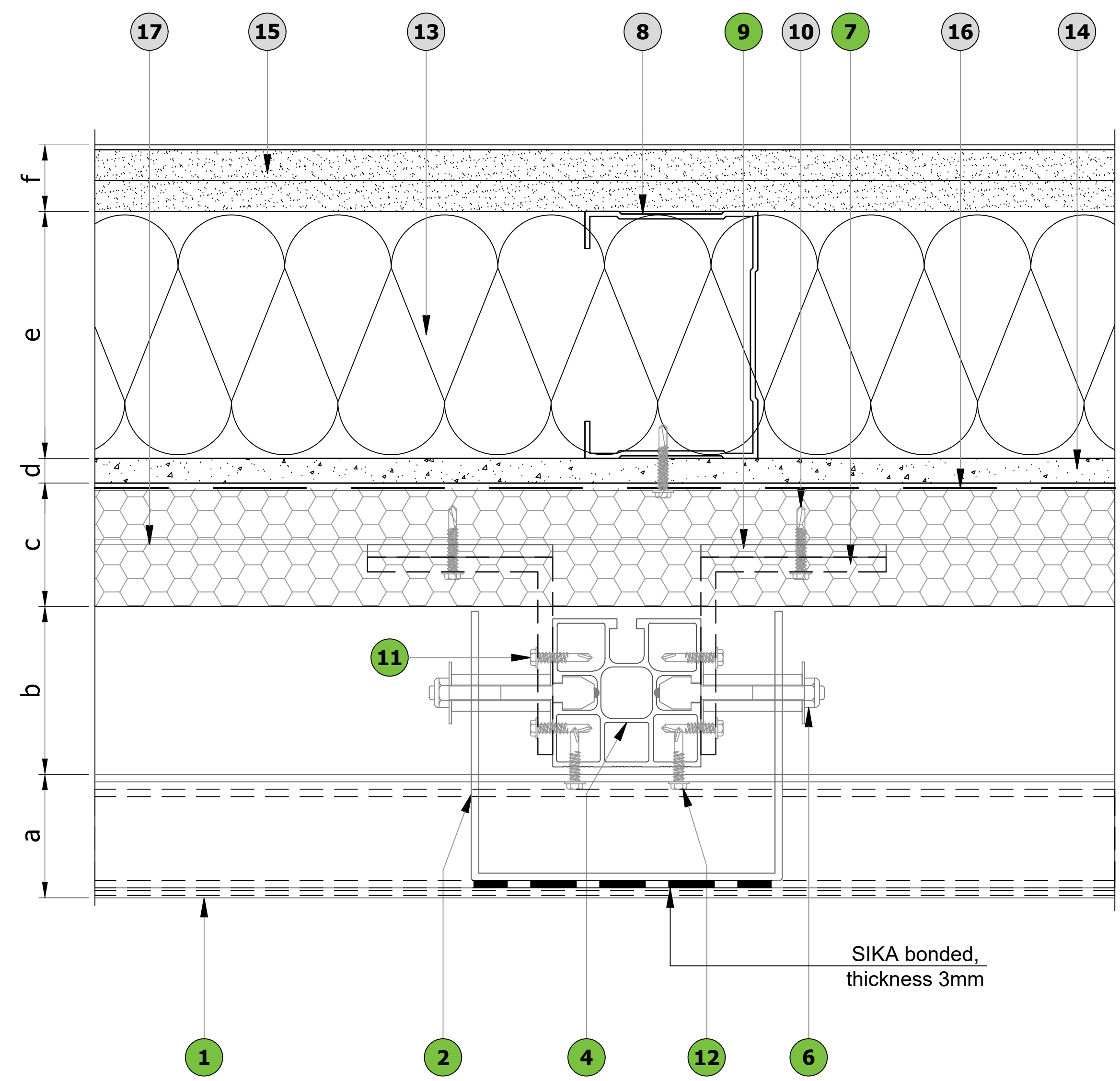
Drawn by: SB      Date: 20.06.19      Scale: 1:2 @ A3

Title:  
Vertical Midspan Support Detail

Client:  
P.S.P.

Project:  
Matrix SFCM Standard Details

Drwg. No.:	Status:	Approved
PSP-MSFCM-003	Revision:	A

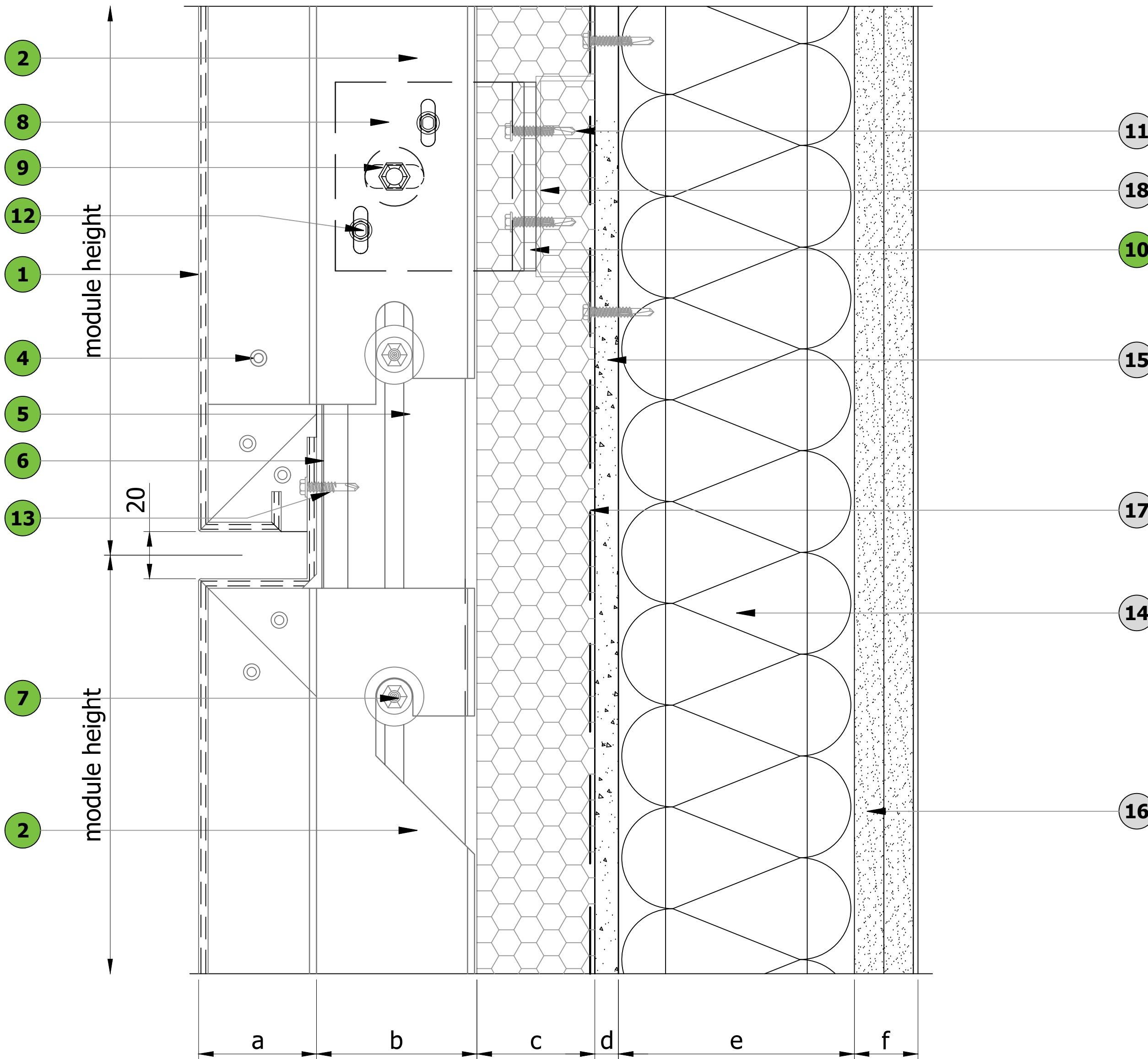


## VERTICAL MIDSPAN SUPPORT DETAIL

LEGEND:	
(N)	part of system, provided by PSP
(N)	not part of system, can be provided by PSP
(N)	provided by others

\* details are typical and it is the responsibility of the installer/designer to ensure the suitability for each specific project, PSP will not be held responsible





**PARTS LIST**

1	Panel - ACM, 3mm	} Factory assembled
2	Panel - aluminium angle hook, 3mm	
3	Panel - aluminium top hat support, 3mm	
4	Panel - aluminium rivet	
5	Matrix60 Mullion (M60-M)	
6	Matrix60 cover (M60-C) optional	
7	M6 panel bolt assembly (M6-PBA)	
8	Aluminium staggered structural cleat, 6mm	
9	M8 structural cleat bolt assembly (M8-CBA)	
10	Optional PVC thermal break, 5mm	
11	Stainless steel fixing (TBC)	
12	JT4-4-4.8x19 Stainless steel fixing	
13	JT4-6-5.5x22 A14 Stainless steel fixing	
14	Rockwool insulation by others	
15	Cement particle board by others	
16	Wallboard by others	
17	Breather membrane by others	
18	Galvanized steel top hat	

**LEGEND**

a	Panel thickness - 50mm
b	Cladding cavity (British standard - 25mm, NHBC - 50mm (open joints) and 38mm (baffled joints))
c	Rigid sheet insulation (project specific depending on specified U-value)
d	Sheeting board - 10mm or 12mm
e	SFS - 90mm...154mm (depending on system specification)
f	Internal plaster board - 30mm

Revision	Date	Details
A	20.06.19	Product Re-Branding

**LEGEND:**

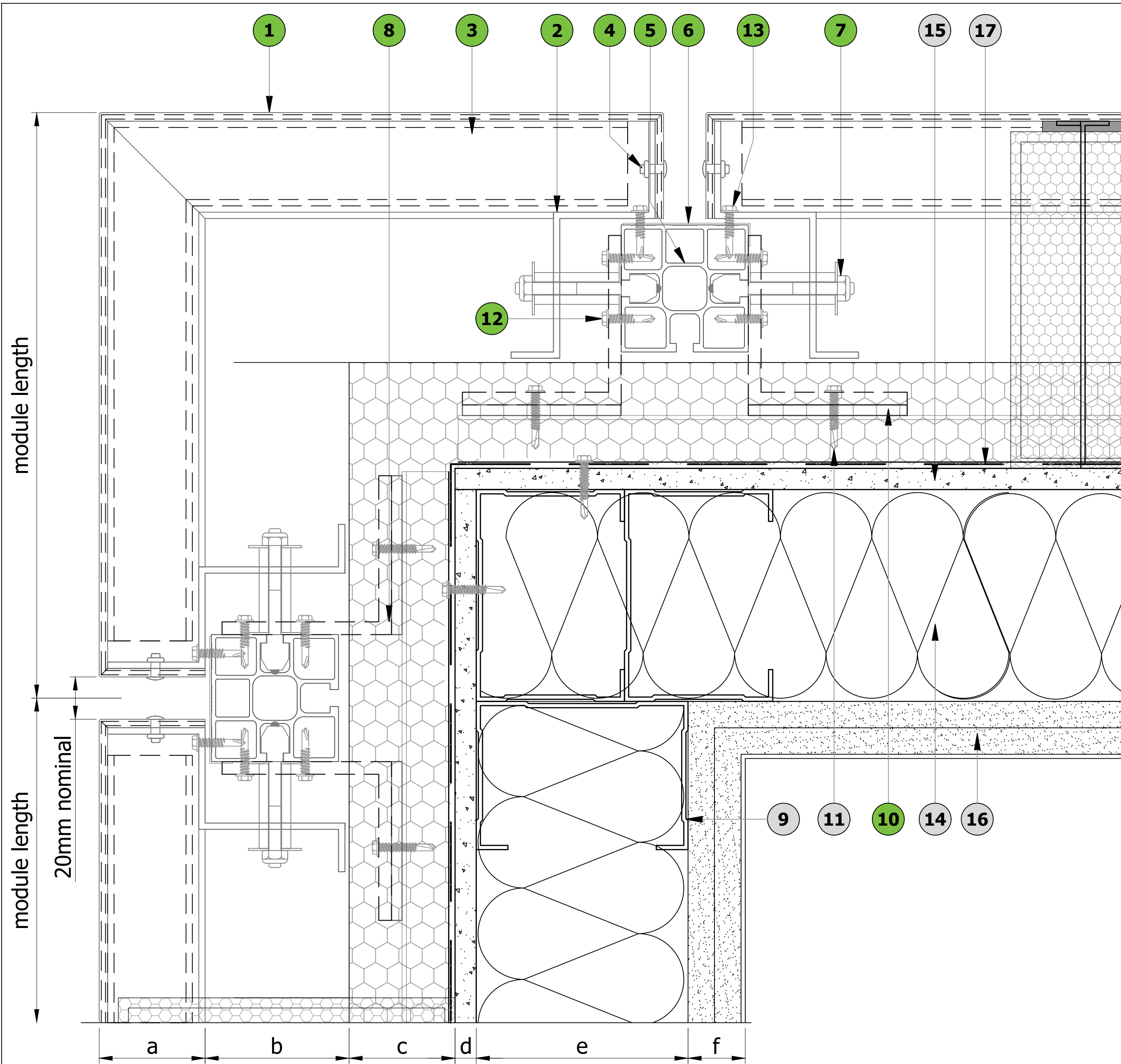
	→ part of system, provided by PSP
	→ not part of system, can be provided by PSP
	→ provided by others

**HORIZONTAL PANEL JOINT DETAIL**

\* details are typical and it is the responsibility of the installer/designer to ensure the suitability for each specific project, PSP will not be held responsible

Unit 11  
All Saints Industrial Estate  
Shildon  
County Durham  
DL4 2RD  
Tel: 00 44 (0) 1388 770490  
Fax: 00 44 (0) 1388 778068  
Email: design@pspuk.com  
www.pspuk.com

Drawn by:	Date:	Scale:
SB	20.06.19	1:2 @ A3
Title:		
Horizontal Panel Joint Detail		
Client:		
P.S.P.		
Project:		
Matrix SFCM Standard Details		
Drwg. No.:	Status:	Approved
PSP-MSFCM-004	Revision:	A



module length

module length

20mm nominal

**LEGEND:**

- N → part of system, provided by PSP
- N → not part of system, can be provided by PSP
- N → provided by others

**EXTERNAL CORNER PANEL DETAIL**

**PARTS LIST**

<b>1</b>	Panel - ACM, 3mm	} Factory assembled
<b>2</b>	Panel - aluminium angle hook, 3mm	
<b>3</b>	Panel - aluminium top hat support, 3mm	
<b>4</b>	Panel - aluminium rivet	
<b>5</b>	Matrix60 Mullion (M60-M)	
<b>6</b>	Matrix60 cover (M60-C) optional	
<b>7</b>	M6 panel bolt assembly (M6-PBA)	
<b>8</b>	Aluminium staggered structural cleat, 6mm	
<b>9</b>	SFS support structure by others	
<b>10</b>	Optional PVC thermal break, 5mm	
<b>11</b>	Stainless steel fixing (TBC)	
<b>12</b>	JT4-4-4.8x19 Stainless steel fixing	
<b>13</b>	JT4-6-5.5x22 A14 Stainless steel fixing	
<b>14</b>	Rockwool insulation by others	
<b>15</b>	Cement particle board by others	
<b>16</b>	Wallboard by others	
<b>17</b>	Breather membrane by others	

**LEGEND**

<b>a</b>	Panel thickness - 50mm
<b>b</b>	Cladding cavity (British standard - 25mm, NHBC - 50mm (open joints) and 38mm (baffled joints))
<b>c</b>	Rigid sheet insulation (project specific depending on specified U-value)
<b>d</b>	Sheeting board - 10mm or 12mm
<b>e</b>	SFS - 90mm...154mm (depending on system specification)
<b>f</b>	Internal plaster board - 30mm

Revision	Date	Details
A	20.06.19	Product Re-Branding



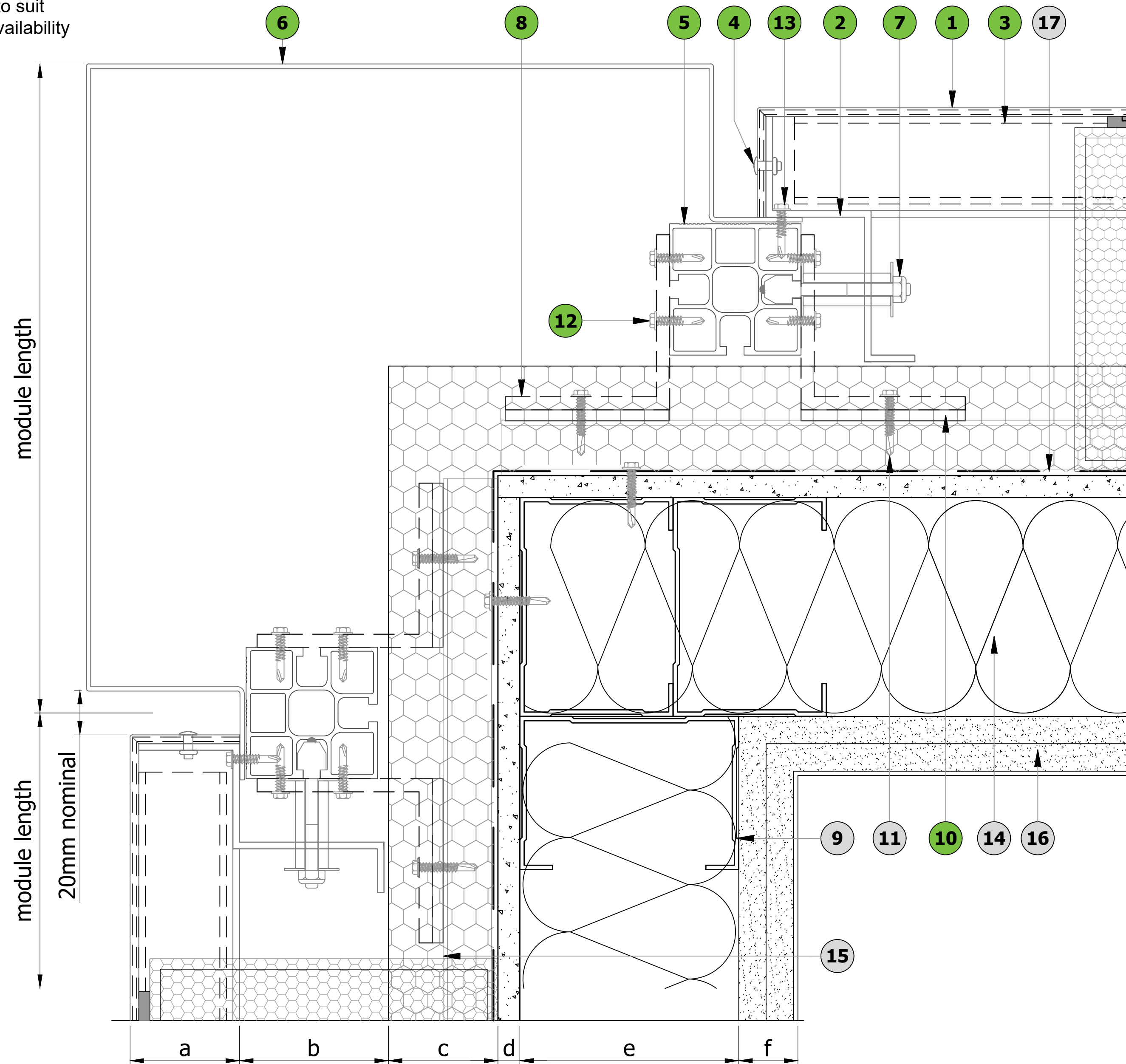
Unit 11  
 All Saints Industrial Estate  
 Shildon  
 County Durham  
 DL4 2RD  
 Tel: 00 44 (0) 1388 770490  
 Fax: 00 44 (0) 1388 778068  
 Email: design@pspuk.com  
 www.pspuk.com

Drawn by: <b>SB</b>	Date: 20.06.19	Scale: 1:2 @ A3
Title: <b>External Corner Panel Detail</b>		
Client: <b>P.S.P.</b>		
Project: <b>Matrix SFCM Standard Details</b>		
Drwg. No.:	Status:	Approved
<b>PSP-MSFCM-005</b>	Revision:	A

\* details are typical and it is the responsibility of the installer/designer to ensure the suitability for each specific project, PSP will not be held responsible



Maximum corner length to suit material availability



**LEGEND:**

<b>N</b>	part of system, provided by PSP
<b>N</b>	not part of system, can be provided by PSP
<b>N</b>	provided by others

**EXTERNAL CORNER FLASHING DETAIL**

\* details are typical and it is the responsibility of the installer/designer to ensure the suitability for each specific project, PSP will not be held responsible

**PARTS LIST**

<b>1</b>	Panel - ACM, 3mm	} Factory assembled
<b>2</b>	Panel - aluminium angle hook, 3mm	
<b>3</b>	Panel - aluminium top hat support, 3mm	
<b>4</b>	Panel - aluminium rivet	
<b>5</b>	Matrix60 Mullion (M60-M)	
<b>6</b>	External corner flashing	
<b>7</b>	M6 panel bolt assembly (M6-PBA)	
<b>8</b>	Aluminium staggered structural cleat, 6mm	
<b>9</b>	SFS support structure by others	
<b>10</b>	Optional PVC thermal break, 5mm	
<b>11</b>	Stainless steel fixing (TBC)	
<b>12</b>	JT4-4-4.8x19 Stainless steel fixing	
<b>13</b>	JT4-6-5.5x22 A14 Stainless steel fixing	
<b>14</b>	Rockwool insulation by others	
<b>15</b>	Galvanized steel top hat	
<b>16</b>	Wallboard by others	
<b>17</b>	Breather membrane by others	

**LEGEND**

<b>a</b>	Panel thickness - 50mm
<b>b</b>	Cladding cavity (British standard - 25mm, NHBC - 50mm (open joints) and 38mm (baffled joints))
<b>c</b>	Rigid sheet insulation (project specific depending on specified U-value)
<b>d</b>	Sheeting board - 10mm or 12mm
<b>e</b>	SFS - 90mm...154mm (depending on system specification)
<b>f</b>	Internal plaster board - 30mm

Revision	Date	Details
A	20.06.19	Product Re-Branding



Unit 11  
All Saints Industrial Estate  
Shildon  
County Durham  
DL4 2RD

Tel: 00 44 (0) 1388 770490  
Fax: 00 44 (0) 1388 778068  
Email: design@pspuk.com  
www.pspuk.com

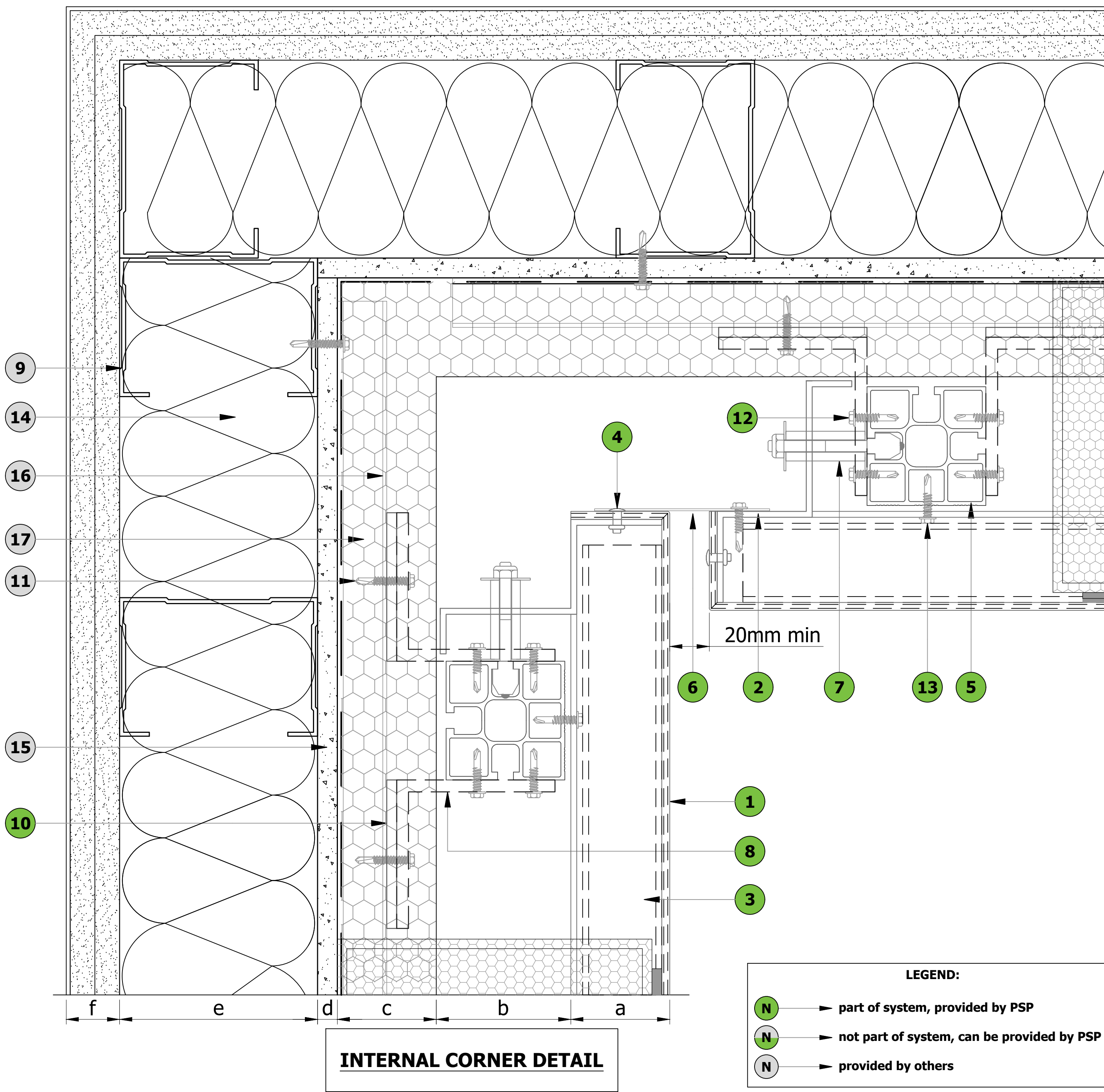
Drawn by: SB  
Date: 20.06.19  
Scale: 1:2 @ A3

Title:  
External Corner FLashing Detail

Client:  
P.S.P.

Project:  
Matrix SFCM Standard Details

Drwg. No.:	Status:	Approved
PSP-MSFCM-006	Revision:	A



**PARTS LIST**

<b>1</b>	Panel - ACM, 3mm	} Factory assembled
<b>2</b>	Panel - aluminium angle hook, 3mm	
<b>3</b>	Panel - aluminium top hat support, 3mm	
<b>4</b>	Panel - aluminium rivet	
<b>5</b>	Matrix60 Mullion (M60-M)	
<b>6</b>	Colour coated flashing	
<b>7</b>	M6 panel bolt assembly (M6-PBA)	
<b>8</b>	Aluminium staggered structural cleat, 6mm	
<b>9</b>	SFS support structure by others	
<b>10</b>	Optional PVC thermal break, 5mm	
<b>11</b>	Stainless steel fixing (TBC)	
<b>12</b>	JT4-4-4.8x19 Stainless steel fixing	
<b>13</b>	JT4-6-5.5x22 A14 Stainless steel fixing	
<b>14</b>	Rockwool insulation by others	
<b>15</b>	Cement particle board by others	
<b>16</b>	Galvanized steel top hat	
<b>17</b>	Breather membrane by others	

**LEGEND**

<b>a</b>	Panel thickness - 50mm
<b>b</b>	Cladding cavity (British standard - 25mm, NHBC - 50mm (open joints) and 38mm (baffled joints))
<b>c</b>	Rigid sheet insulation (project specific depending on specified U-value)
<b>d</b>	Sheeting board - 10mm or 12mm
<b>e</b>	SFS - 90mm...154mm (depending on system specification)
<b>f</b>	Internal plaster board - 30mm

Revision	Date	Details
A	20.06.19	Product Re-Branding

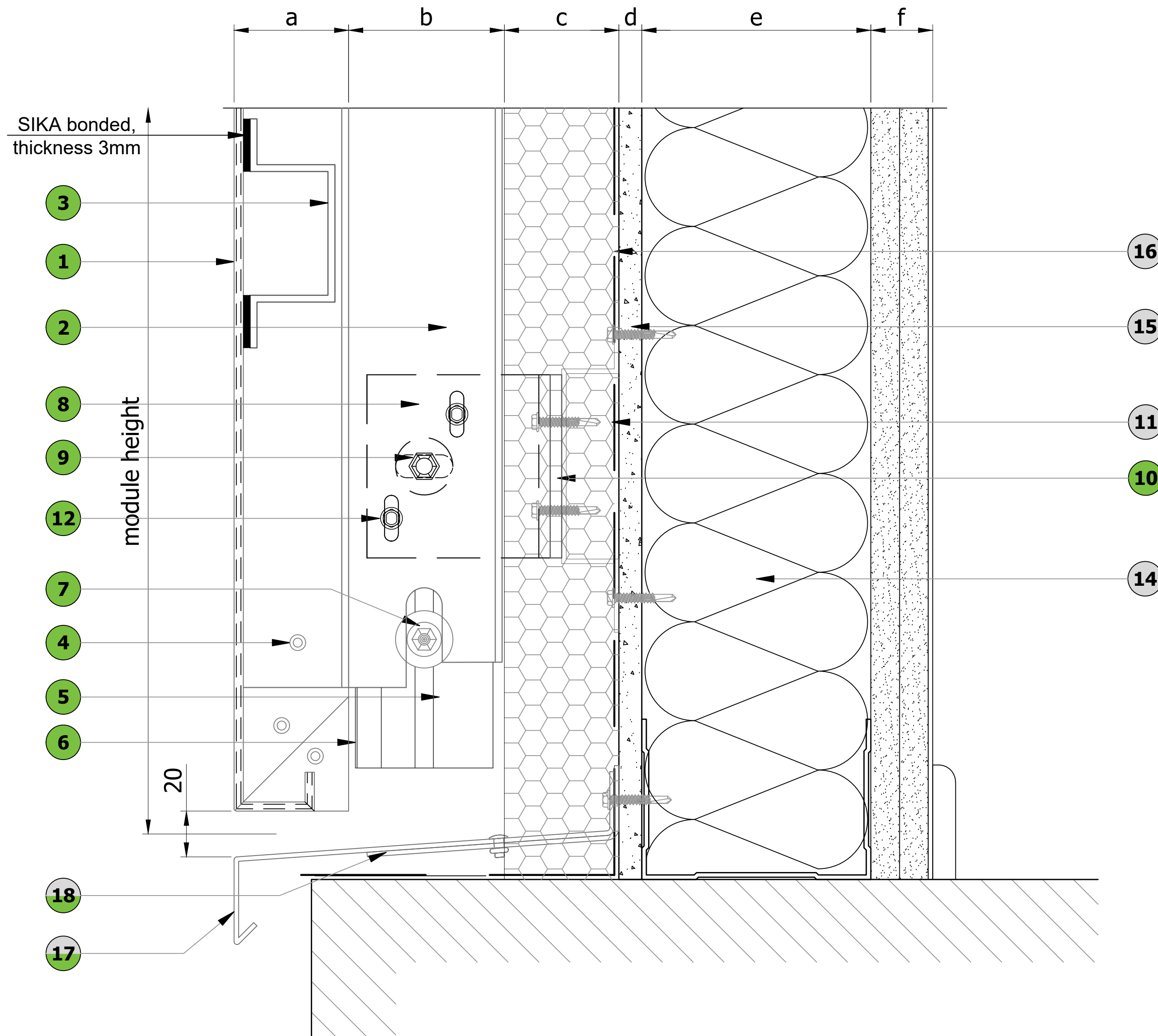


Unit 11  
 All Saints Industrial Estate  
 Shildon  
 County Durham  
 DL4 2RD  
 Tel: 00 44 (0) 1388 770490  
 Fax: 00 44 (0) 1388 778068  
 Email: design@pspuk.com  
 www.pspuk.com

Drawn by: <b>SB</b>	Date: 20.06.19	Scale: 1:2 @ A3
Title: <b>Internal Corner Detail</b>		
Client: <b>P.S.P.</b>		
Project: <b>Matrix SFCM Standard Details</b>		
Drwg. No.:	Status:	Approved
<b>PSP-MSFCM-007</b>	Revision:	A

\* details are typical and it is the responsibility of the installer/designer to ensure the suitability for each specific project, PSP will not be held responsible





### PARTS LIST

1	Panel - ACM, 3mm	} Factory assembled
2	Panel - aluminium angle hook, 3mm	
3	Panel - aluminium top hat support, 3mm	
4	Panel - aluminium rivet	
5	Matrix60 Mullion (M60-M)	
6	Matrix60 cover (M60-C) optional	
7	M6 panel bolt assembly (M6-PBA)	
8	Aluminium staggered structural cleat, 6mm	
9	M8 structural cleat bolt assembly (M8-CBA)	
10	Optional PVC thermal break, 5mm	
11	Stainless steel fixing (TBC)	
12	JT4-4-4.8x19 Stainless steel fixing	
13	JT4-6-5.5x22 A14 Stainless steel fixing	
14	Rockwool insulation by others	
15	Cement particle board by others	
16	Breather membrane by others	
17	Drip flashing	
18	Support bracket	

### LEGEND

a	Panel thickness - 50mm
b	Clading cavity (British standard - 25mm, NHBC - 50mm (open joints) and 38mm (baffled joints))
c	Rigid sheet insulation (project specific depending on specified U-value)
d	Sheeting board - 10mm or 12mm
e	SFS - 90mm...154mm (depending on system specification)
f	Internal plaster board - 30mm

Revision	Date	Details
A	20.06.19	Product Re-Branding

LEGEND:	
	part of system, provided by PSP
	not part of system, can be provided by PSP
	provided by others

### BASE DRIP DETAIL

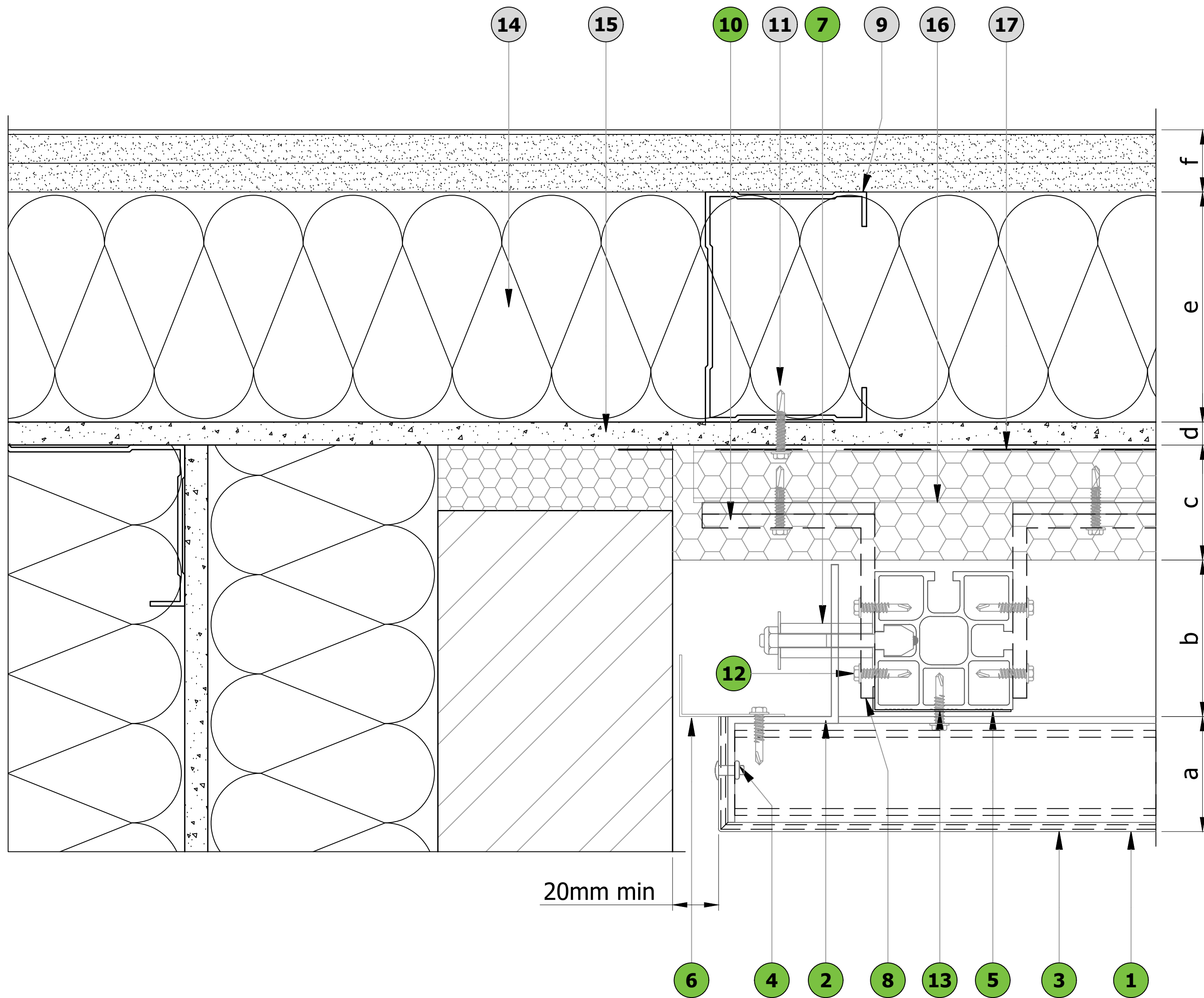
\* details are typical and it is the responsibility of the installer/designer to ensure the suitability for each specific project, PSP will not be held responsible

Unit 11  
All Saints Industrial Estate  
Shildon  
County Durham  
DL4 2RD

Tel: 00 44 (0) 1388 770490  
Fax: 00 44 (0) 1388 778068  
Email: design@pspuk.com  
www.pspuk.com

Drawn by: <b>SB</b>	Date: 20.06.19	Scale: 1:2 @ A3
Title: <b>Base Drip Detail</b>		
Client: <b>P.S.P.</b>		
Project: <b>Matrix SFCM Standard Details</b>		
Drwg. No.:	Status:	Approved
<b>PSP-MSFCM-008</b>	Revision:	A





**LEGEND:**

<b>N</b> (green circle)	part of system, provided by PSP
<b>N</b> (grey circle)	not part of system, can be provided by PSP
<b>N</b> (white circle)	provided by others

**BRICKWORK ABUTMENT DETAIL**

PARTS LIST	
1	Panel - ACM, 3mm
2	Panel - aluminium angle hook, 3mm
3	Panel - aluminium top hat support, 3mm
4	Panel - aluminium rivet
5	Matrix60 Mullion (M60-M)
6	Abutment slotted flashing
7	M6 panel bolt assembly (M6-PBA)
8	Aluminium staggered structural cleat, 6mm
9	SFS support structure by others
10	Optional PVC thermal break, 5mm
11	Stainless steel fixing (TBC)
12	JT4-4-4.8x19 Stainless steel fixing
13	JT4-6-5.5x22 A14 Stainless steel fixing
14	Rockwool insulation by others
15	Cement particle board by others
16	Galvanized steel top hat
17	Breather membrane by others

LEGEND	
a	Panel thickness - 50mm
b	Cladding cavity (British standard - 25mm, NHBC - 50mm (open joints) and 38mm (baffled joints))
c	Rigid sheet insulation (project specific depending on specified U-value)
d	Sheeting board - 10mm or 12mm
e	SFS - 90mm...154mm (depending on system specification)
f	Internal plaster board - 30mm

Revision	Date	Details
A	20.06.19	Product Re-Branding

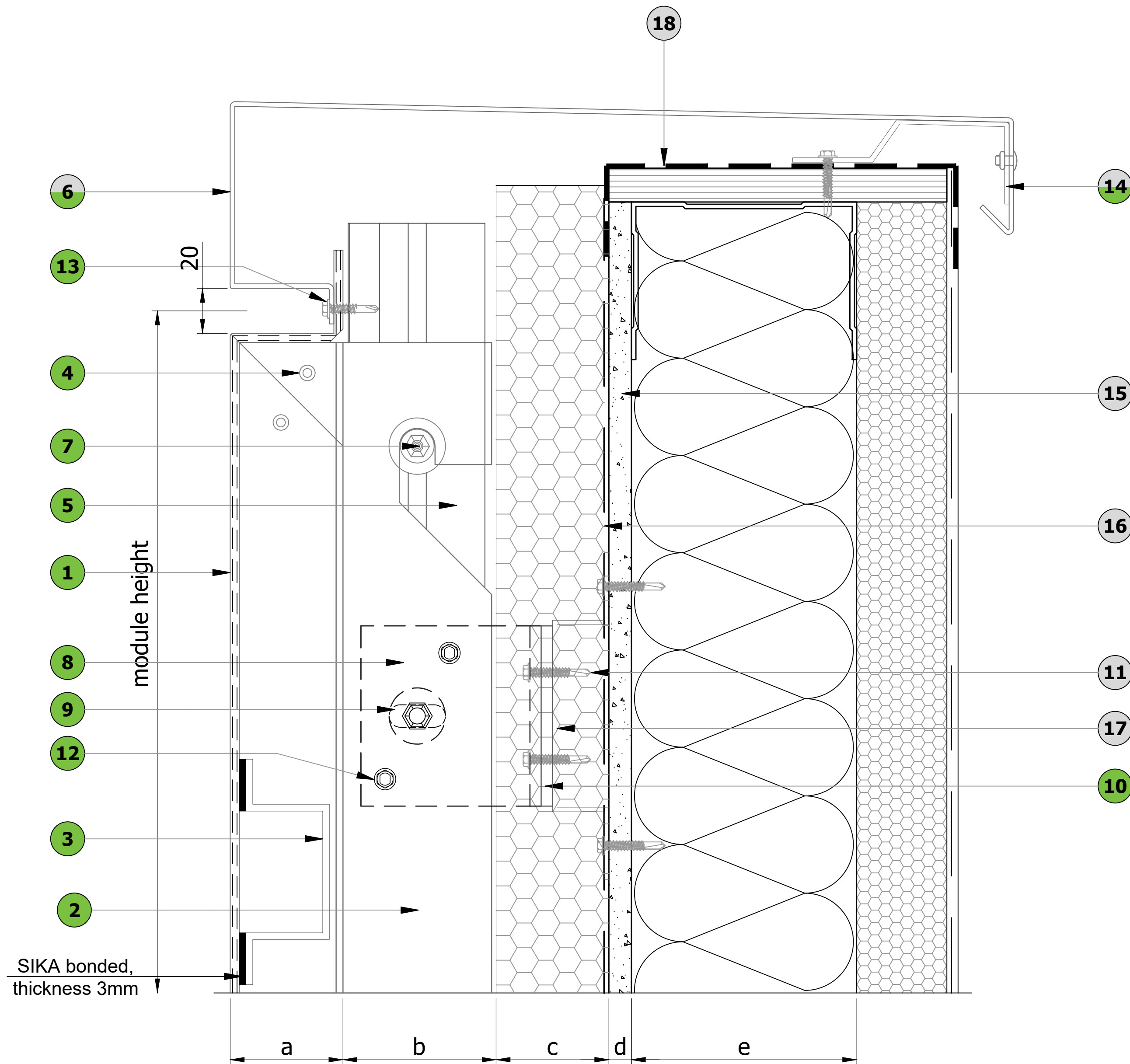
**PSP**

Unit 11  
All Saints Industrial Estate  
Shildon  
County Durham  
DL4 2RD

Tel: 00 44 (0) 1388 770490  
Fax: 00 44 (0) 1388 778068  
Email: design@pspuk.com  
www.pspuk.com

Drawn by: <b>SB</b>	Date: 20.06.19	Scale: 1:2 @ A3
Title: <b>Brickwork Abutment Detail</b>		
Client: <b>P.S.P.</b>		
Project: <b>Matrix SFCM Standard Details</b>		
Drwg. No.:	Status:	Approved
<b>PSP-MSFCM-009</b>	Revision:	A

\* details are typical and it is the responsibility of the installer/designer to ensure the suitability for each specific project, PSP will not be held responsible



### PARTS LIST

1	Panel - ACM, 3mm	} Factory assembled
2	Panel - aluminium angle hook, 3mm	
3	Panel - aluminium top hat support, 3mm	
4	Panel - aluminium rivet	
5	Matrix60 Mullion (M60-M)	
6	Coping flashing	
7	M6 panel bolt assembly (M6-PBA)	
8	Aluminium staggered structural cleat, 6mm	
9	M8 structural cleat bolt assembly (M8-CBA)	
10	Optional PVC thermal break, 5mm	
11	Stainless steel fixing (TBC)	
12	JT4-4-4.8x19 Stainless steel fixing	
13	JT4-6-5.5x22 A14 St/S (Fixings to be located through panel holes)	
14	Support bracket	
15	Cement particle board by others	
16	Breather membrane by others	
17	Galvanized steel top hat	
18	EPDM by others	

### LEGEND

a	Panel thickness - 50mm
b	Cladding cavity (British standard - 25mm, NHBC - 50mm (open joints) and 38mm (baffled joints))
c	Rigid sheet insulation (project specific depending on specified U-value)
d	Sheeting board - 10mm or 12mm
e	SFS - 90mm...154mm (depending on system specification)
f	Internal plaster board - 30mm

Revision	Date	Details
A	20.06.19	Product Re-Branding

**LEGEND:**

<b>N</b> →	part of system, provided by PSP
<b>N</b> →	not part of system, can be provided by PSP
<b>N</b> →	provided by others

### COPING FLASHING DETAIL

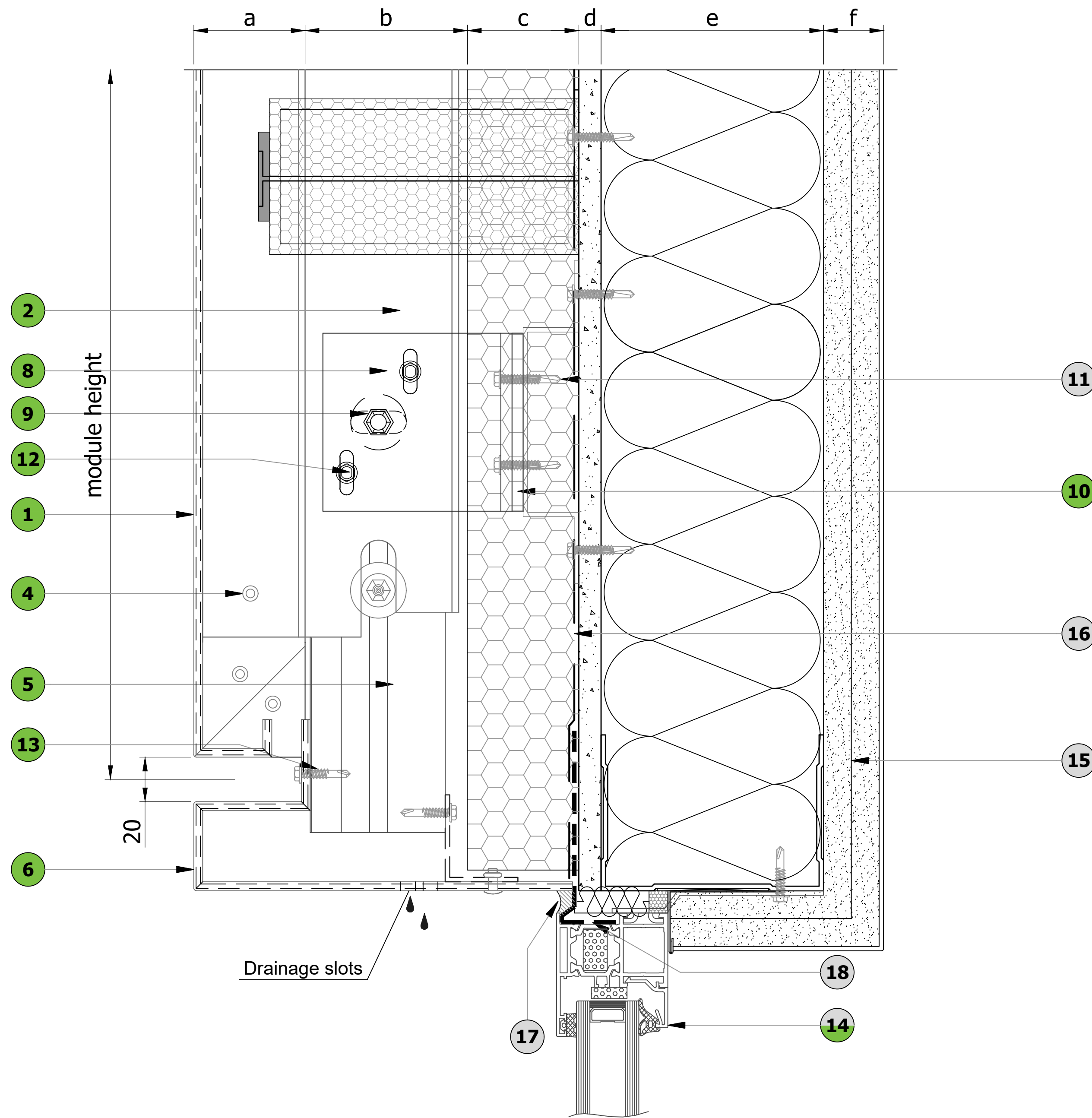
\* details are typical and it is the responsibility of the installer/designer to ensure the suitability for each specific project, PSP will not be held responsible



Unit 11  
All Saints Industrial Estate  
Shildon  
County Durham  
DL4 2RD  
Tel: 00 44 (0) 1388 770490  
Fax: 00 44 (0) 1388 778068  
Email: design@pspuk.com  
www.pspuk.com

Drawn by: <b>SB</b>	Date: 20.06.19	Scale: 1:2 @ A3
Title: <b>Coping Flashing Detail</b>		
Client: <b>P.S.P.</b>		
Project: <b>Matrix SFCM Standard Details</b>		
Drwg. No.:	Status:	Approved
<b>PSP-MSFCM-010</b>	Revision:	A





**LEGEND:**

- N → part of system, provided by PSP
- N → not part of system, can be provided by PSP
- N → provided by others

**WINDOW HEAD DETAIL**

PARTS LIST	
1	Panel - ACM, 3mm
2	Panel - aluminium angle hook, 3mm
3	Panel - aluminium top hat support, 3mm
4	Panel - aluminium rivet
} Factory assembled	
5	Matrix60 Mullion (M60-M)
6	Head flashing
7	M6 panel bolt assembly (M6-PBA)
8	Aluminium staggered structural cleat, 6mm
9	M8 structural cleat bolt assembly (M8-CBA)
10	Optional PVC thermal break, 5mm
11	Stainless steel fixing (TBC)
12	JT4-4-4.8x19 Stainless steel fixing
13	JT4-6-5.5x22 A14 Stainless steel fixing
14	Window PSP MB-59S HI Casement
15	Wallboard by others
16	Breather membrane by others
17	Weather seal by others
18	EPDM by others

LEGEND	
a	Panel thickness - 50mm
b	Cladding cavity (British standard - 25mm, NHBC - 50mm (open joints) and 38mm (baffled joints))
c	Rigid sheet insulation (project specific depending on specified U-value)
d	Sheeting board - 10mm or 12mm
e	SFS - 90mm...154mm (depending on system specification)
f	Internal plaster board - 30mm

Revision	Date	Details
A	20.06.19	Product Re-Branding

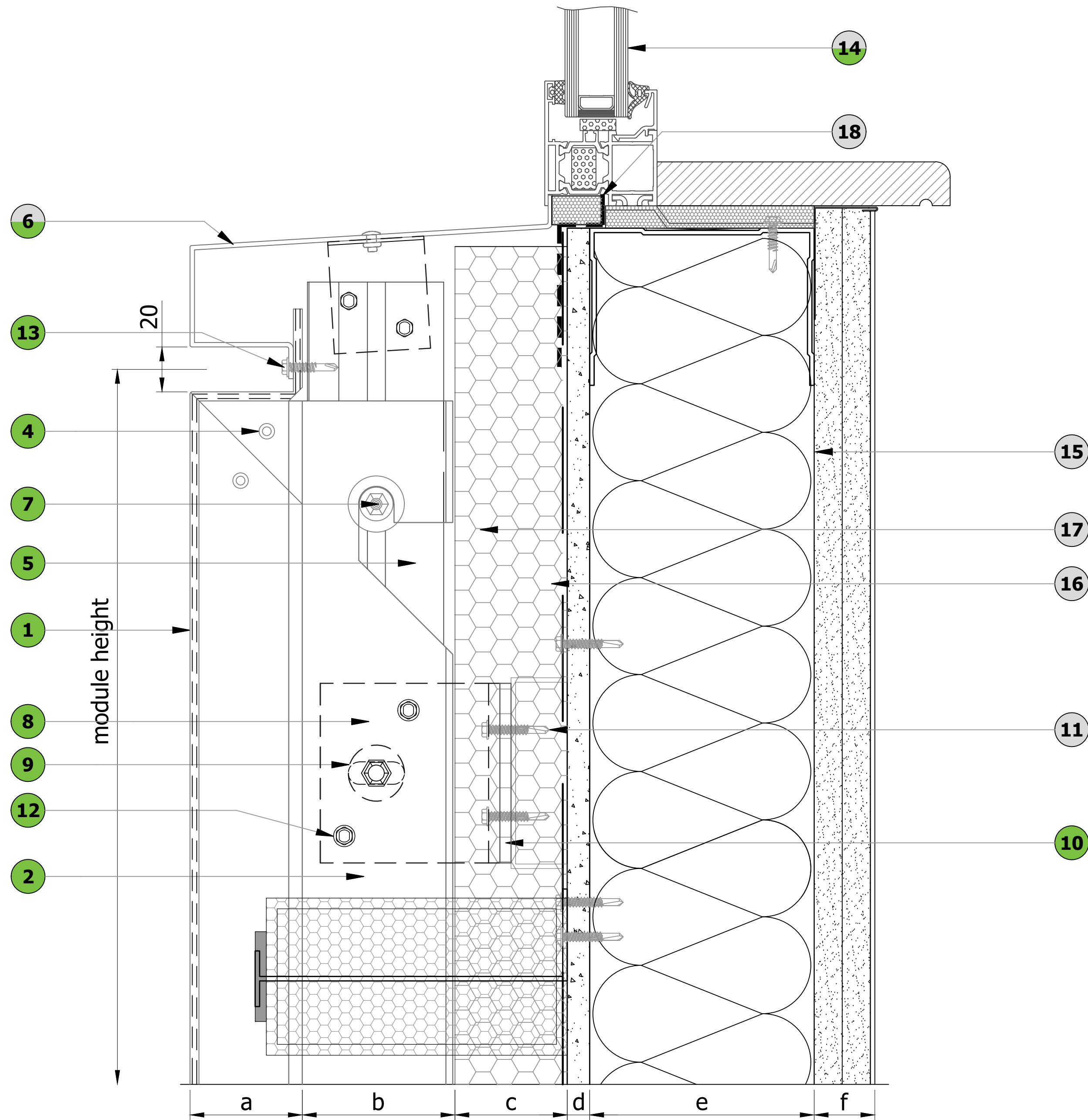
Unit 11  
All Saints Industrial Estate  
Shildon  
County Durham  
DL4 2RD

Tel: 00 44 (0) 1388 770490  
Fax: 00 44 (0) 1388 778068  
Email: design@pspuk.com  
www.pspuk.com

Drawn by:	Date:	Scale:
SB	20.06.19	1:2 @ A3
Title:		
Window Head Detail		
Client:		
P.S.P.		
Project:		
Matrix SFCM Standard Details		
Drwg. No.:	Status:	Approved
PSP-MSFCM-011	Revision:	A

\* details are typical and it is the responsibility of the installer/designer to ensure the suitability for each specific project, PSP will not be held responsible





### PARTS LIST

1	Panel - ACM, 3mm	} Factory assembled
2	Panel - aluminium angle hook, 3mm	
3	Panel - aluminium top hat support, 3mm	
4	Panel - aluminium rivet	
5	Matrix60 Mullion (M60-M)	
6	Cill flashing bonded to window frame	
7	M6 panel bolt assembly (M6-PBA)	
8	Aluminium staggered structural cleat, 6mm	
9	M8 structural cleat bolt assembly (M8-CBA)	
10	Optional PVC thermal break, 5mm	
11	Stainless steel fixing (TBC)	
12	JT4-4-4.8x19 Stainless steel fixing	
13	JT4-6-5.5x22 A14 St/S (Fixings to be located through panel holes)	
14	Window PSP MB-59S HI Casement	
15	Wallboard by others	
16	Breather membrane by others	
17	Weather seal by others	
18	EPDM by others	

### LEGEND

a	Panel thickness - 50mm
b	Cladding cavity (British standard - 25mm, NHBC - 50mm (open joints) and 38mm (baffled joints))
c	Rigid sheet insulation (project specific depending on specified U-value)
d	Sheeting board - 10mm or 12mm
e	SFS - 90mm...154mm (depending on system specification)
f	Internal plaster board - 30mm

Revision	Date	Details
A	20.06.19	Product Re-Branding

**PSP**

Unit 11  
 All Saints Industrial Estate  
 Shildon  
 County Durham  
 DL4 2RD  
 Tel: 00 44 (0) 1388 770490  
 Fax: 00 44 (0) 1388 778068  
 Email: design@pspuk.com  
 www.pspuk.com

Drawn by: SB  
 Date: 20.06.19  
 Scale: 1:2 @ A3

Title:  
 Window Cill Detail

Client:  
 P.S.P.

Project:  
 Matrix SFCM Standard Details

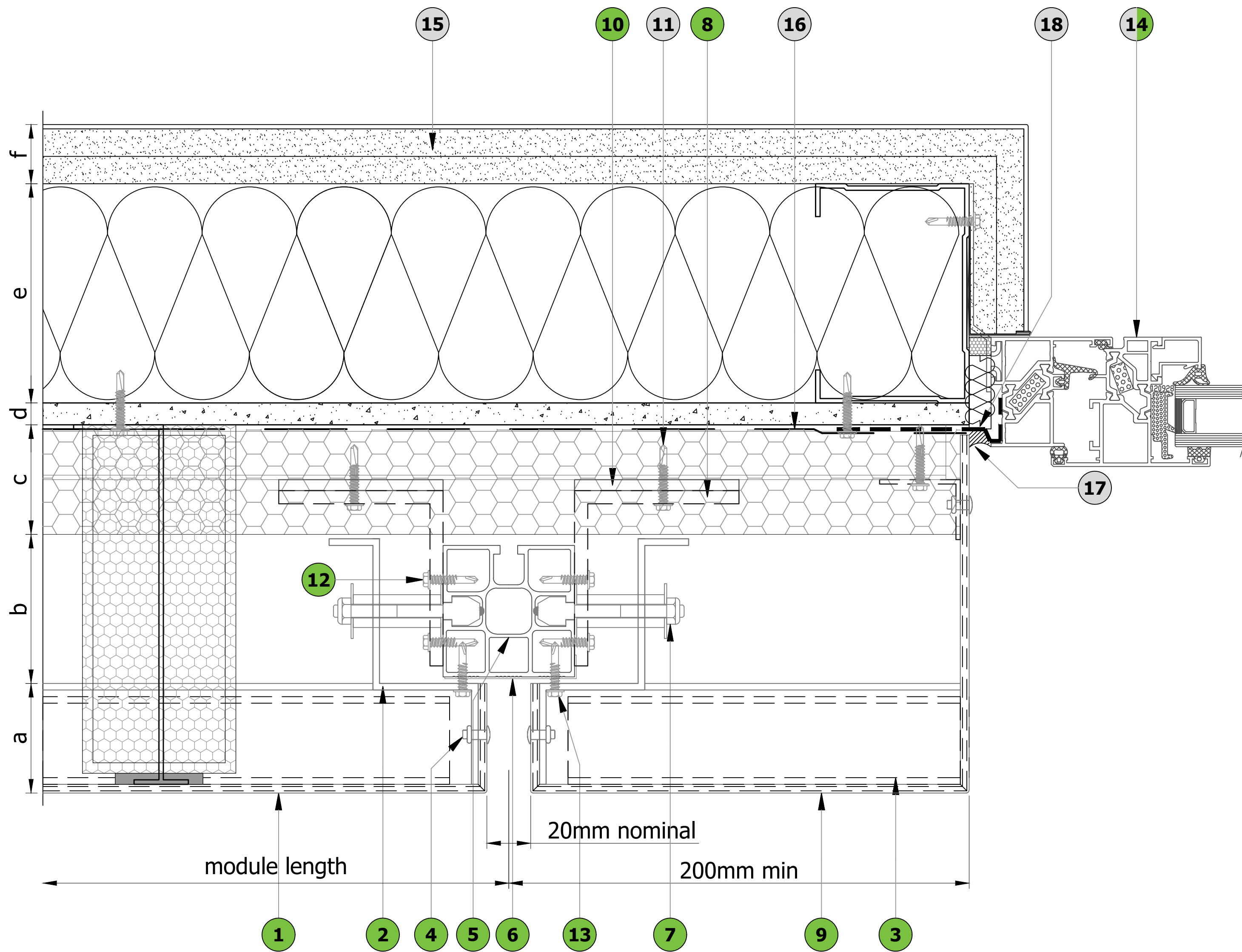
Drwg. No.:	Status:	Approved
PSP-MSFCM-012	Revision:	A

### LEGEND:

- part of system, provided by PSP
- not part of system, can be provided by PSP
- provided by others

### WINDOW CILL DETAIL

\* details are typical and it is the responsibility of the installer/designer to ensure the suitability for each specific project, PSP will not be held responsible



### PARTS LIST

1	Panel - ACM, 3mm	} Factory assembled
2	Panel - aluminium angle hook, 3mm	
3	Panel - aluminium top hat support, 3mm	
4	Panel - aluminium rivet	
5	Matrix60 Mullion (M60-M)	
6	Matrix60 cover (M60-C) optional	
7	M6 panel bolt assembly (M6-PBA)	
8	Aluminium staggered structural cleat, 6mm	
9	Aluminium jamb flashing, 3mm	
10	Optional PVC thermal break, 5mm	
11	Stainless steel fixing (TBC)	
12	JT4-4-4.8x19 Stainless steel fixing	
13	JT4-6-5.5x22 A14 Stainless steel fixing	
14	Window PSP MB-59S HI Casement	
15	Wallboard by others	
16	Breather membrane by others	
17	Weather seal by others	
18	EPDM by others	

### LEGEND

a	Panel thickness - 50mm
b	Cladding cavity (British standard - 25mm, NHBC - 50mm (open joints) and 38mm (baffled joints))
c	Rigid sheet insulation (project specific depending on specified U-value)
d	Sheeting board - 10mm or 12mm
e	SFS - 90mm...154mm (depending on system specification)
f	Internal plaster board - 30mm

Revision	Date	Details
A	20.06.19	Product Re-Branding

**PSP**

Unit 11  
All Saints Industrial Estate  
Shildon  
County Durham  
DL4 2RD

Tel: 00 44 (0) 1388 770490  
Fax: 00 44 (0) 1388 778068  
Email: design@pspuk.com  
www.pspuk.com

Drawn by: SB  
Date: 20.06.19  
Scale: 1:2 @ A3

Title:  
Window Jamb Detail

Client:  
P.S.P.  
Project:  
Matrix SFCM Standard Details

Drwg. No.:	Status:	Approved
PSP-MSFCM-013	Revision:	A

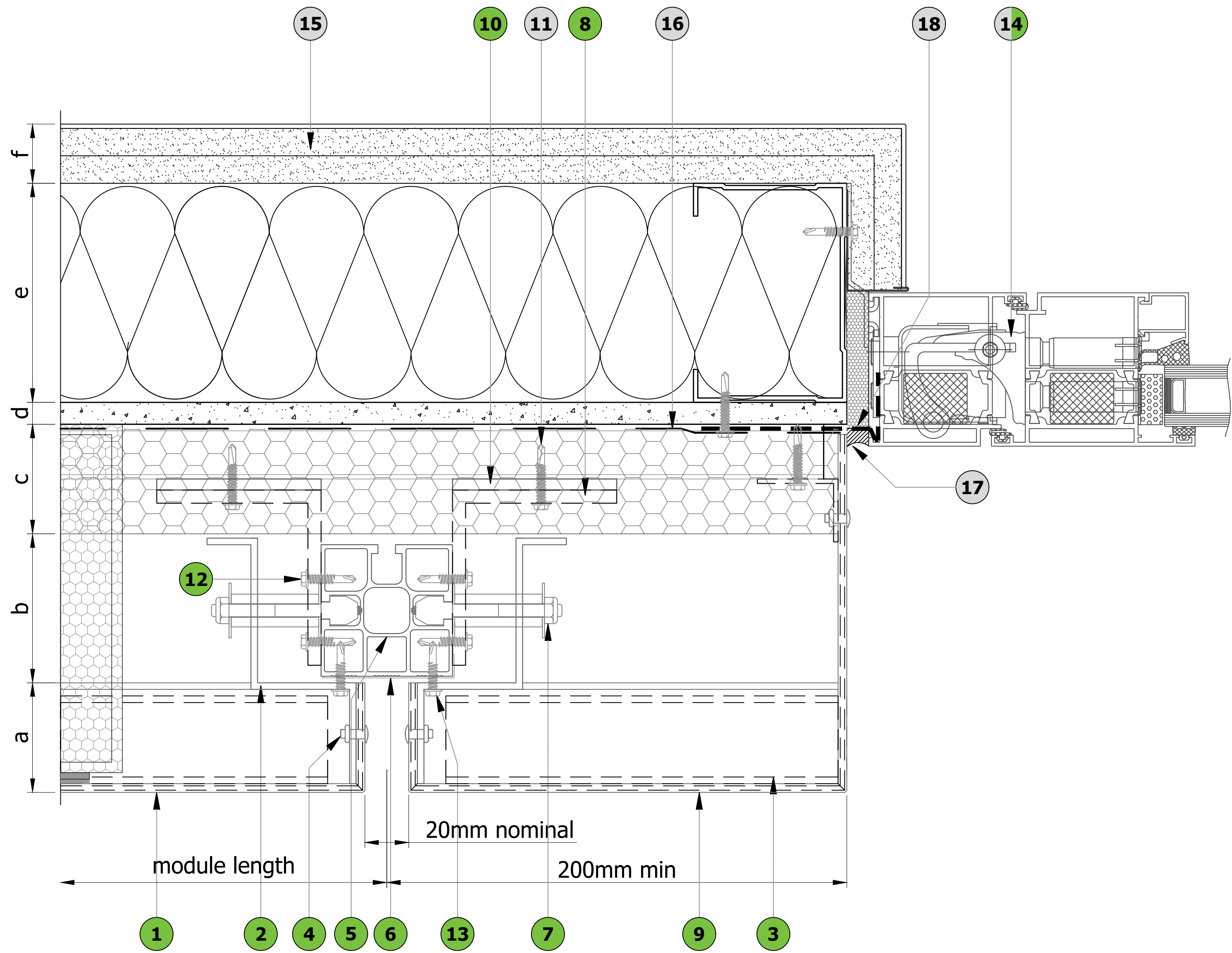
### LEGEND:

- N → part of system, provided by PSP
- N → not part of system, can be provided by PSP
- N → provided by others

### WINDOW JAMB DETAIL

\* details are typical and it is the responsibility of the installer/designer to ensure the suitability for each specific project, PSP will not be held responsible





**PARTS LIST**

1	Panel - ACM, 3mm	} Factory assembled
2	Panel - aluminium angle hook, 3mm	
3	Panel - aluminium top hat support, 3mm	
4	Panel - aluminium rivet	
5	Matrix60 Mullion (M60-M)	
6	Matrix60 cover (M60-C) optional	
7	M6 panel bolt assembly (M6-PBA)	
8	Aluminium staggered structural cleat, 6mm	
9	Aluminium jamb flashing, 3mm	
10	Optional PVC thermal break, 5mm	
11	Stainless steel fixing (TBC)	
12	JT4-4-4.8x19 Stainless steel fixing	
13	JT4-6-5.5x22 A14 Stainless steel fixing	
14	Door PSP MB-70HI Outward Opening	
15	Wallboard by others	
16	Breather membrane by others	
17	Weather seal by others	
18	EPDM by others	

**LEGEND**

a	Panel thickness - 50mm
b	Cladding cavity (British standard - 25mm, NHBC - 50mm (open joints) and 38mm (baffled joints))
c	Rigid sheet insulation (project specific depending on specified U-value)
d	Sheeting board - 10mm or 12mm
e	SFS - 90mm...154mm (depending on system specification)
f	Internal plaster board - 30mm

Revision	Date	Details
A	20.06.19	Product Re-Branding

**LEGEND:**

	part of system, provided by PSP
	not part of system, can be provided by PSP
	provided by others

**DOOR JAMB DETAIL**



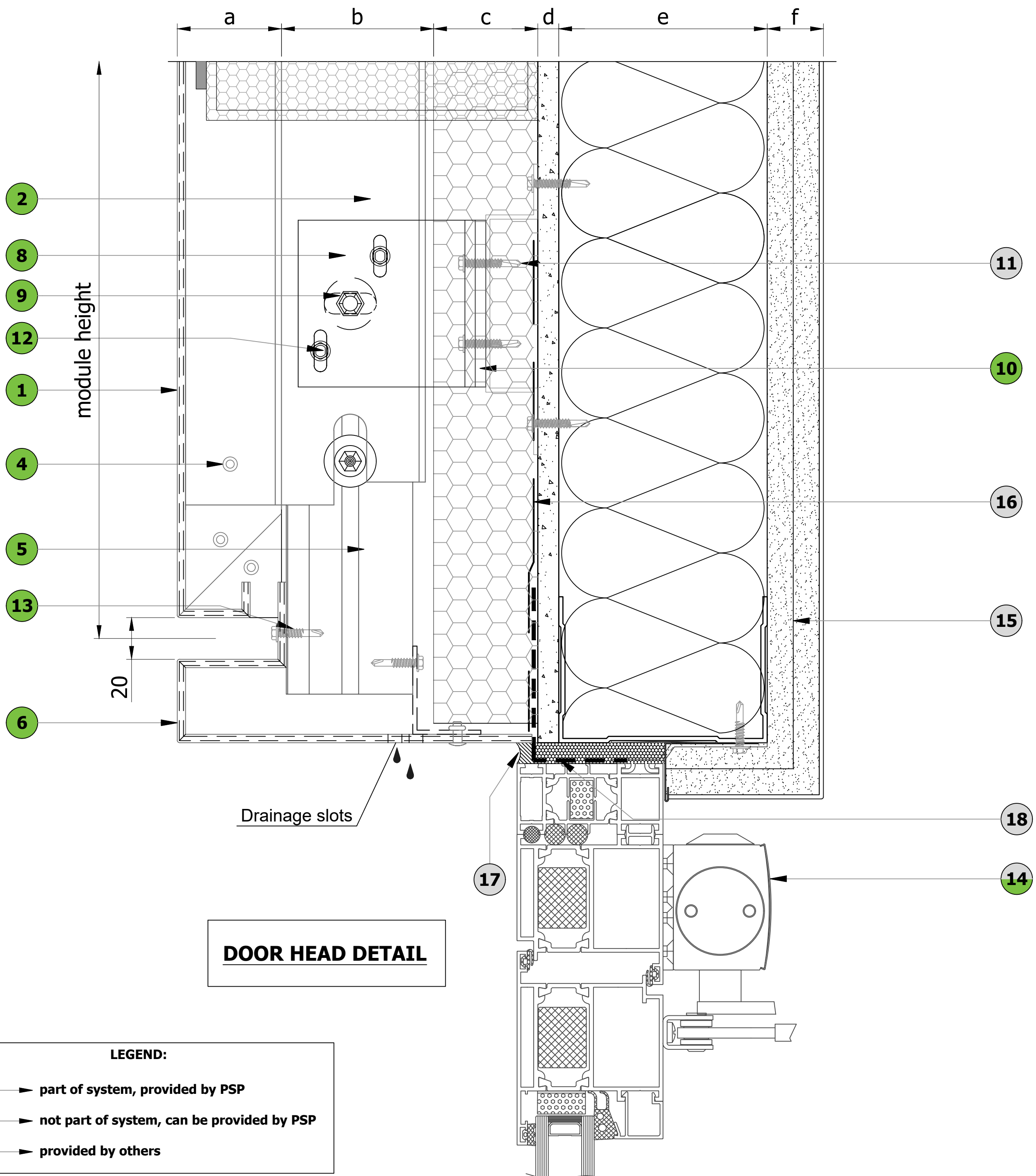
Unit 11  
All Saints Industrial Estate  
Shildon  
County Durham  
DL4 2RD

Tel: 00 44 (0) 1388 770490  
Fax: 00 44 (0) 1388 778068  
Email: design@pspuk.com  
www.pspuk.com

Drawn by: SB	Date: 20.06.19	Scale: 1:2 @ A3
Title: Door Jamb Detail		
Client: P.S.P.		
Project: Matrix SFCM Standard Details		
Drwg. No.:	Status:	Approved
PSP-MSFCM-014	Revision:	A

\* details are typical and it is the responsibility of the installer/designer to ensure the suitability for each specific project, PSP will not be held responsible





**PARTS LIST**

1	Panel - ACM, 3mm	} Factory assembled
2	Panel - aluminium angle hook, 3mm	
3	Panel - aluminium top hat support, 3mm	
4	Panel - aluminium rivet	
5	Matrix60 Mullion (M60-M)	
6	Head flashing	
7	M6 panel bolt assembly (M6-PBA)	
8	Aluminium staggered structural cleat, 6mm	
9	M8 structural cleat bolt assembly (M8-CBA)	
10	Optional PVC thermal break, 5mm	
11	Stainless steel fixing (TBC)	
12	JT4-4-4.8x19 Stainless steel fixing	
13	JT4-6-5.5x22 A14 Stainless steel fixing	
14	Door PSP MB-70HI Outward Opening	
15	Wallboard by others	
16	Breather membrane by others	
17	Weather seal by others	
18	EPDM by others	

**LEGEND**

a	Panel thickness - 50mm
b	Cladding cavity (British standard - 25mm, NHBC - 50mm (open joints) and 38mm (baffled joints))
c	Rigid sheet insulation (project specific depending on specified U-value)
d	Sheeting board - 10mm or 12mm
e	SFS - 90mm...154mm (depending on system specification)
f	Internal plaster board - 30mm

Revision	Date	Details
A	20.06.19	Product Re-Branding



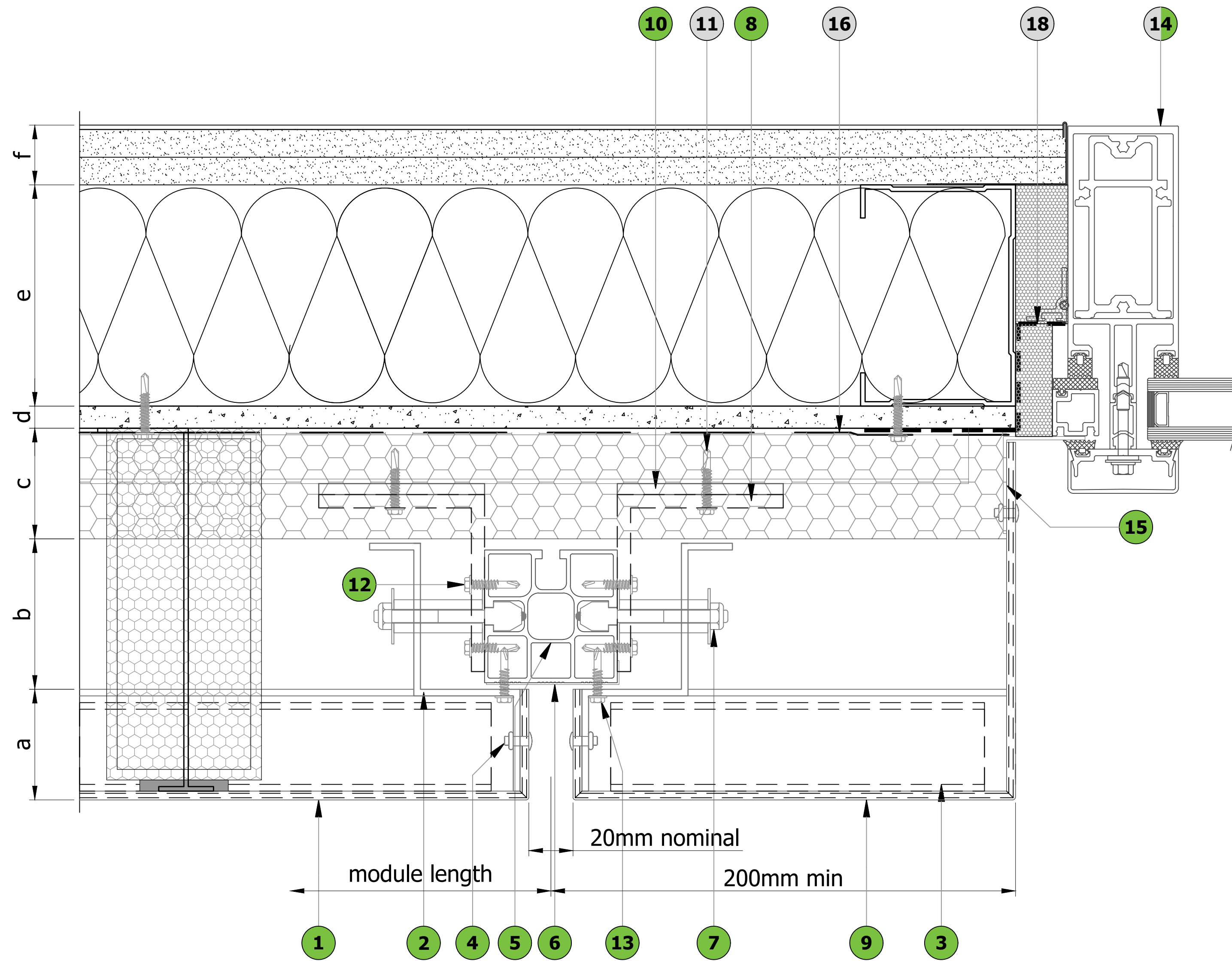
Unit 11  
 All Saints Industrial Estate  
 Shildon  
 County Durham  
 DL4 2RD  
 Tel: 00 44 (0) 1388 770490  
 Fax: 00 44 (0) 1388 778068  
 Email: design@pspuk.com  
 www.pspuk.com

Drawn by: SB	Date: 20.06.19	Scale: 1:2 @ A3
Title: Door Head Detail		
Client: P.S.P.		
Project: Matrix SFCM Standard Details		
Drwg. No.:	Status:	Approved
PSP-MSFCM-015	Revision:	A

**LEGEND:**

- part of system, provided by PSP
- not part of system, can be provided by PSP
- provided by others

\* details are typical and it is the responsibility of the installer/designer to ensure the suitability for each specific project, PSP will not be held responsible



**CURTAIN WALL JAMB DETAIL**


**LEGEND:**

- N → part of system, provided by PSP
- N → not part of system, can be provided by PSP
- N → provided by others

PARTS LIST		
1	Panel - ACM, 3mm	} Factory assembled
2	Panel - aluminium angle hook, 3mm	
3	Panel - aluminium top hat support, 3mm	
4	Panel - aluminium rivet	
5	Matrix60 Mullion (M60-M)	
6	Matrix60 cover (M60-C) optional	
7	M6 panel bolt assembly (M6-PBA)	
8	Aluminium staggered structural cleat, 6mm	
9	Aluminium jamb flashing, 3mm	
10	Optional PVC thermal break, 5mm	
11	Stainless steel fixing (TBC)	
12	JT4-4-4.8x19 Stainless steel fixing	
13	JT4-6-5.5x22 A14 Stainless steel fixing	
14	Curtain Wall PSP MB-SR50N	
15	Glazed in bracket	
16	Breather membrane by others	
17	Cement particle board by others	
18	EPDM by others	

LEGEND	
a	Panel thickness - 50mm
b	Cladding cavity (British standard - 25mm, NHBC - 50mm (open joints) and 38mm (baffled joints))
c	Rigid sheet insulation (project specific depending on specified U-value)
d	Sheeting board - 10mm or 12mm
e	SFS - 90mm...154mm (depending on system specification)
f	Internal plaster board - 30mm

Revision	Date	Details
A	20.06.19	Product Re-Branding



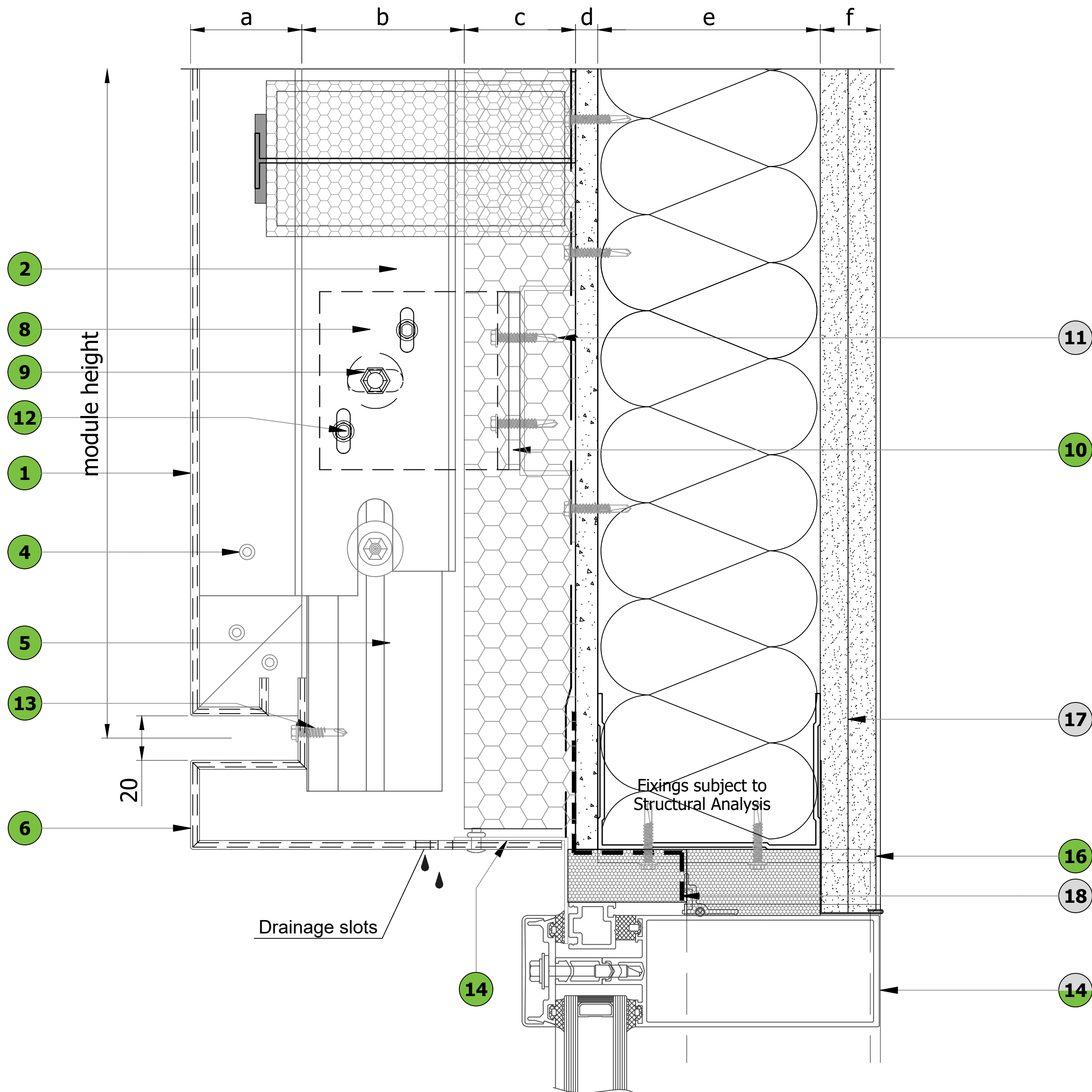
Unit 11  
All Saints Industrial Estate  
Shildon  
County Durham  
DL4 2RD

Tel: 00 44 (0) 1388 770490  
Fax: 00 44 (0) 1388 778068  
Email: design@pspuk.com  
www.pspuk.com

Drawn by: <b>SB</b>	Date: 20.06.19	Scale: 1:2 @ A3
Title: <b>Curtain Wall Jamb Detail</b>		
Client: <b>P.S.P.</b>		
Project: <b>Matrix SFCM Standard Details</b>		
Drwg. No.:	Status:	Approved
<b>PSP-MSFCM-016</b>	Revision:	A

\* details are typical and it is the responsibility of the installer/designer to ensure the suitability for each specific project, PSP will not be held responsible





**CURTAIN WALL HEAD DETAIL**


**LEGEND:**

<b>N</b> →	part of system, provided by PSP
<b>N</b> →	not part of system, can be provided by PSP
<b>N</b> →	provided by others

PARTS LIST	
1	Panel - ACM, 3mm
2	Panel - aluminium angle hook, 3mm
3	Panel - aluminium top hat support, 3mm
4	Panel - aluminium rivet
5	Matrix60 Mullion (M60-M)
6	Head flashing
7	M6 panel bolt assembly (M6-PBA)
8	Aluminium staggered structural cleat, 6mm
9	M8 structural cleat bolt assembly (M8-CBA)
10	Optional PVC thermal break, 5mm
11	Stainless steel fixing (TBC)
12	JT4-4-4.8x19 Stainless steel fixing
13	JT4-6-5.5x22 A14 Stainless steel fixing
14	Curtain Wall PSP MB-SR50N
15	Glazed in bracket
16	Aluminium plate 6mm
17	Wallboard by others
18	EPDM by others

LEGEND	
a	Panel thickness - 50mm
b	Cladding cavity (British standard - 25mm, NHBC - 50mm (open joints) and 38mm (baffled joints))
c	Rigid sheet insulation (project specific depending on specified U-value)
d	Sheeting board - 10mm or 12mm
e	SFS - 90mm...154mm (depending on system specification)
f	Internal plaster board - 30mm

Revision	Date	Details
A	20.06.19	Product Re-Branding



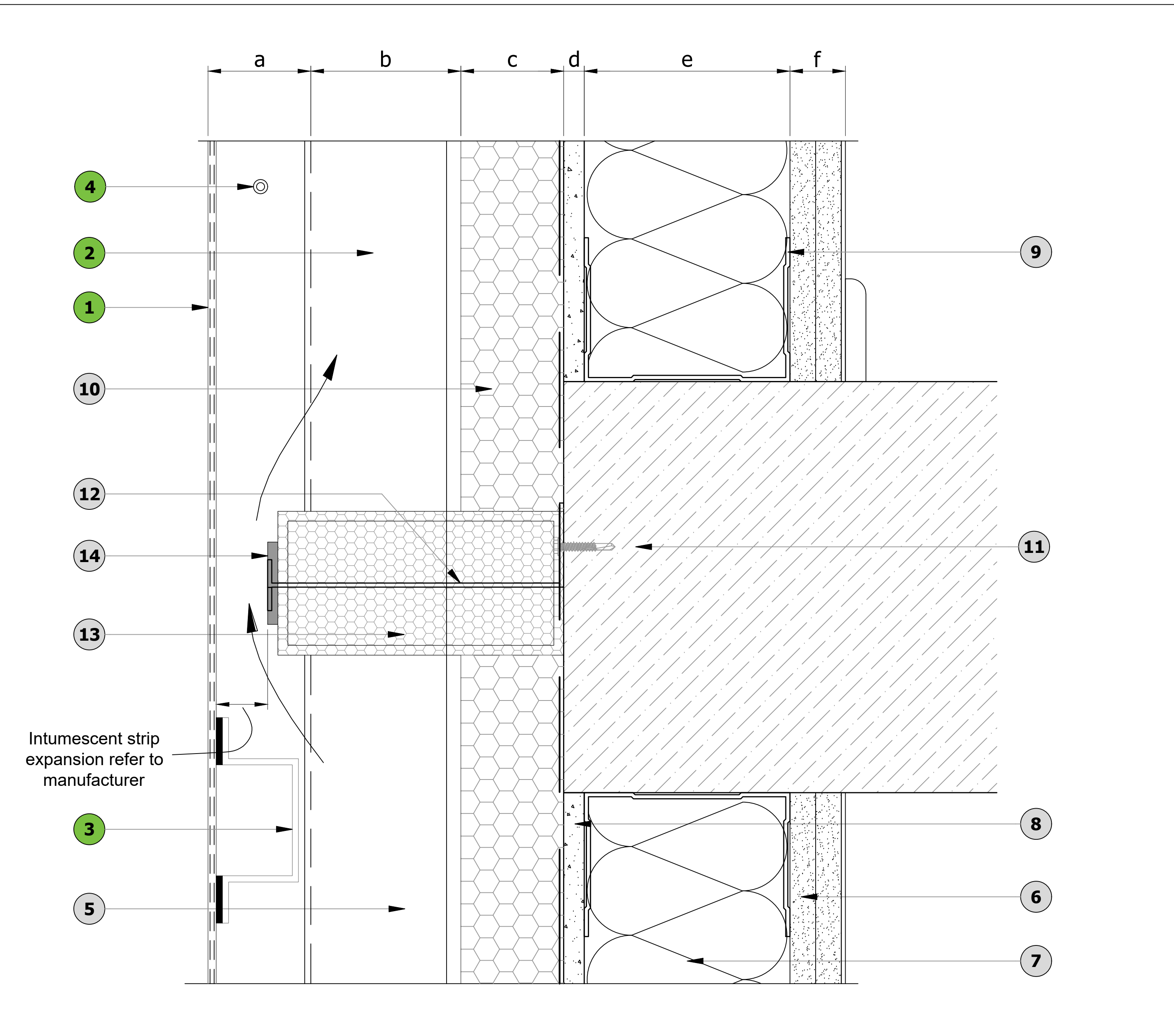
Unit 11  
All Saints Industrial Estate  
Shildon  
County Durham  
DL4 2RD

Tel: 00 44 (0) 1388 770490  
Fax: 00 44 (0) 1388 778068  
Email: design@pspuk.com  
www.pspuk.com

Drawn by: <b>SB</b>	Date: 20.06.19	Scale: 1:2 @ A3
Title: <b>Curtain Wall Head Detail</b>		
Client: <b>P.S.P.</b>		
Project: <b>Matrix SFCM Standard Details</b>		
Drwg. No.:	Status:	Approved
<b>PSP-MSFCM-017</b>	Revision:	A

\* details are typical and it is the responsibility of the installer/designer to ensure the suitability for each specific project, PSP will not be held responsible





PARTS LIST	
1	Panel - ACM, 3mm
2	Panel - aluminium angle hook, 3mm
3	Panel - aluminium top hat support, 3mm
4	Panel - aluminium rivet
5	Additional rigid sheet insulation if required by others
6	Wallboard by others
7	Rockwool insulation by others
8	Cement particle board by others
9	SFS support structure by others
10	Breather membrane by others
11	Non-combustible steel anchor by others
12	Support steel bracket by others
13	Horizontal fire break by others
14	Intumescent strip by others

LEGEND	
a	Panel thickness - 50mm
b	Cladding cavity (British standard - 25mm, NHBC - 50mm (open joints) and 38mm (baffled joints))
c	Rigid sheet insulation (project specific depending on specified U-value)
d	Sheeting board - 10mm or 12mm
e	SFS - 90mm...154mm (depending on system specification)
f	Internal plaster board - 30mm

Revision	Date	Details
A	20.06.19	Product Re-Branding

LEGEND:	
<b>N</b> (green circle)	part of system, provided by PSP
<b>N</b> (grey circle)	not part of system, can be provided by PSP
<b>N</b> (white circle)	provided by others

**FIRE BARRIERS DETAIL**

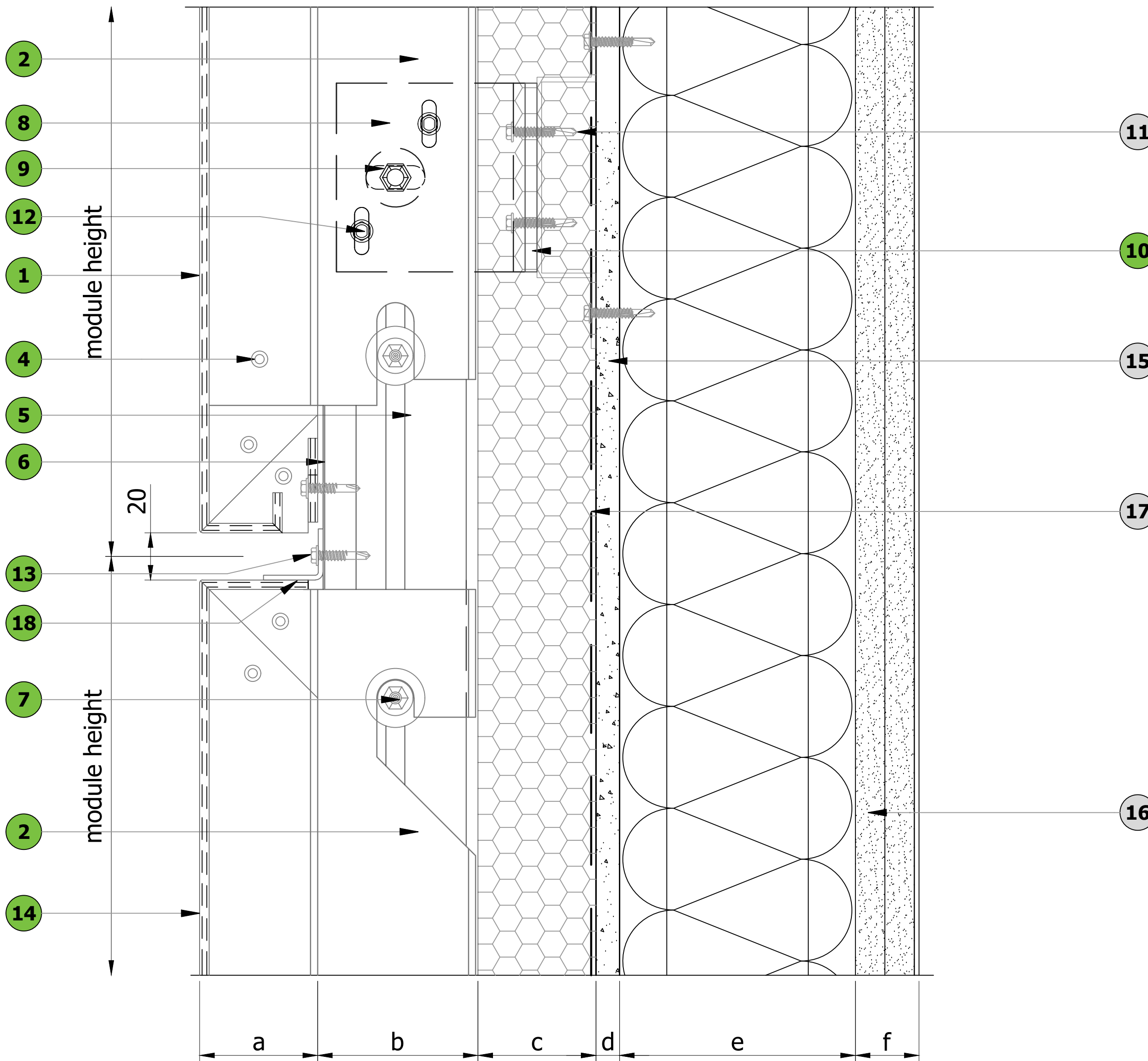
\* details are typical and it is the responsibility of the installer/designer to ensure the suitability for each specific project, PSP will not be held responsible



Unit 11  
All Saints Industrial Estate  
Shildon  
County Durham  
DL4 2RD

Tel: 00 44 (0) 1388 770490  
Fax: 00 44 (0) 1388 778068  
Email: design@pspuk.com  
www.pspuk.com

Drawn by: <b>SB</b>	Date: 20.06.19	Scale: 1:2 @ A3
Title: <b>Fire Barriers Detail</b>		
Client: <b>P.S.P.</b>		
Project: <b>Matrix SFCM Standard Details</b>		
Drwg. No.:	Status:	Approved
<b>PSP-MSFCM-018</b>	Revision:	A



**LEGEND:**


	→ part of system, provided by PSP
	→ not part of system, can be provided by PSP
	→ provided by others

**REMOVABLE PANEL HORIZONTAL JOINT DETAIL**  
**Replacement procedure ref to PSP-MSFCM-020**

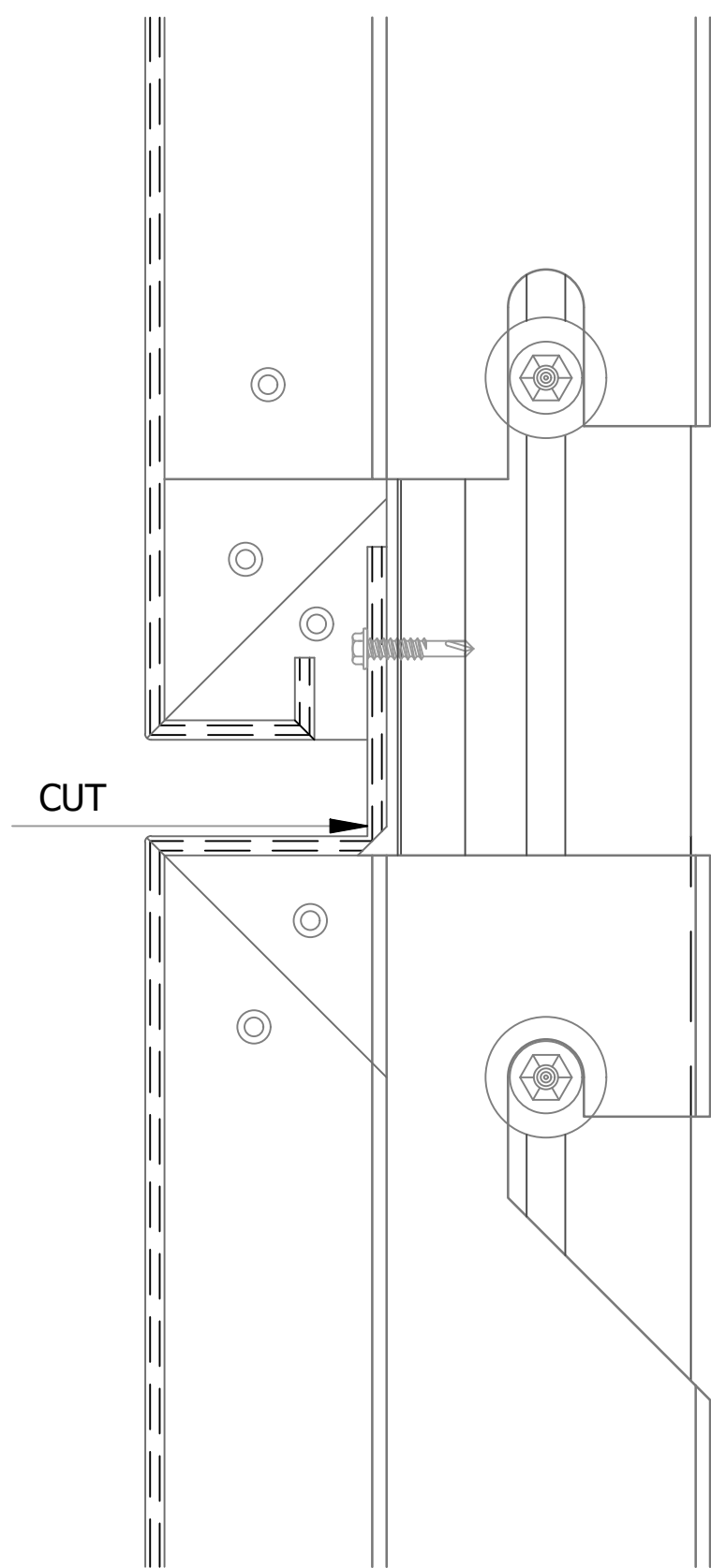
PARTS LIST	
1	Panel - ACM, 3mm
2	Panel - aluminium angle hook, 3mm
3	Panel - aluminium top hat support, 3mm
4	Panel - aluminium rivet
} Factory assembled	
5	Matrix60 Mullion (M60-M)
6	Matrix60 cover (M60-C) optional
7	M6 panel bolt assembly (M6-PBA)
8	Aluminium staggered structural cleat, 6mm
9	M8 structural cleat bolt assembly (M8-CBA)
10	Optional PVC thermal break, 5mm
11	Stainless steel fixing (TBC)
12	JT4-4-4.8x19 Stainless steel fixing
13	JT4-6-5.5x22 A14 Stainless steel fixing
14	Removable panel (replacement procedure ref to PSP-MSFCM-020)
15	Cement particle board by others
16	Wallboard by others
17	Breather membrane by others
18	Support angle

LEGEND	
a	Panel thickness - 50mm
b	Cladding cavity (British standard - 25mm, NHBC - 50mm (open joints) and 38mm (baffled joints))
c	Rigid sheet insulation (project specific depending on specified U-value)
d	Sheeting board - 10mm or 12mm
e	SFS - 90mm...154mm (depending on system specification)
f	Internal plaster board - 30mm

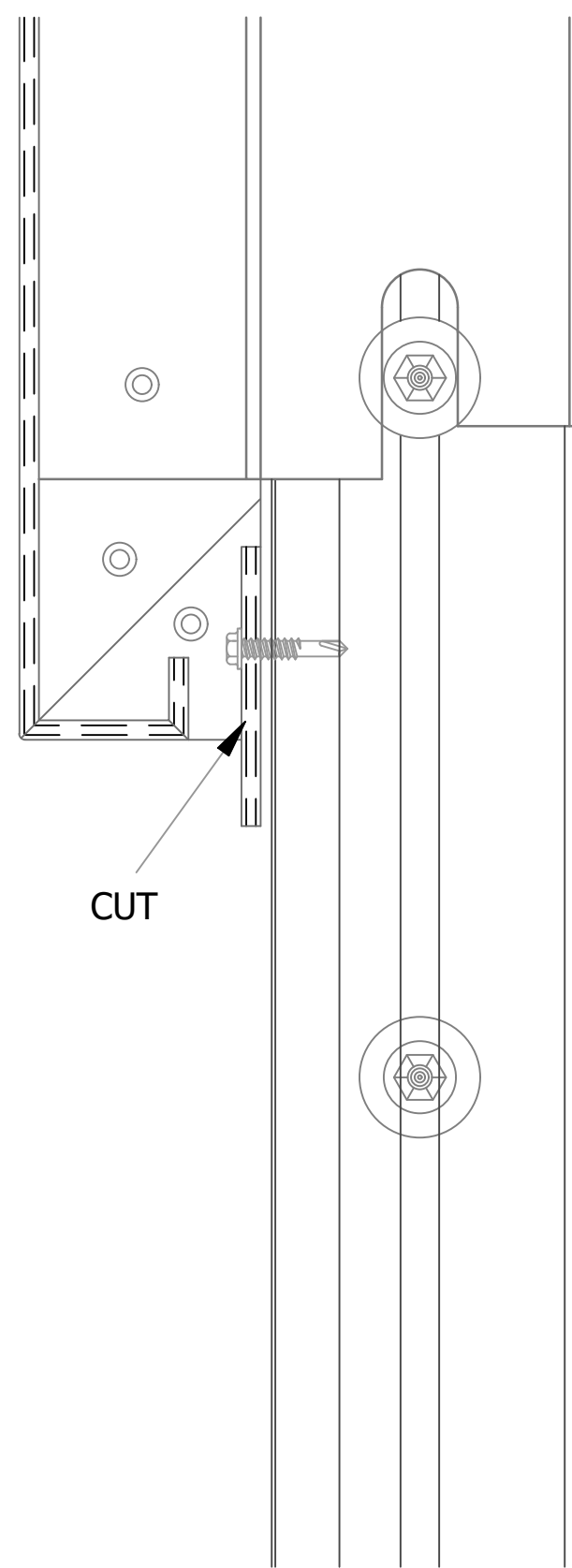
Revision	Date	Details
A	20.06.19	Product Re-Branding

  Unit 11 All Saints Industrial Estate Shildon County Durham DL4 2RD  Tel: 00 44 (0) 1388 770490 Fax: 00 44 (0) 1388 778068 Email: design@pspuk.com www.pspuk.com	Drawn by: <b>SB</b>	Date: <b>20.06.19</b>	Scale: <b>1:2 @ A3</b>
	Title: <b>Removable Panel Horizontal Joint Detail</b>		
	Client: <b>P.S.P.</b>		
	Project: <b>Matrix SFCM Standard Details</b>		
Drwg. No.: <b>PSP-MSFCM-019</b>	Status: Approved	Revision: A	

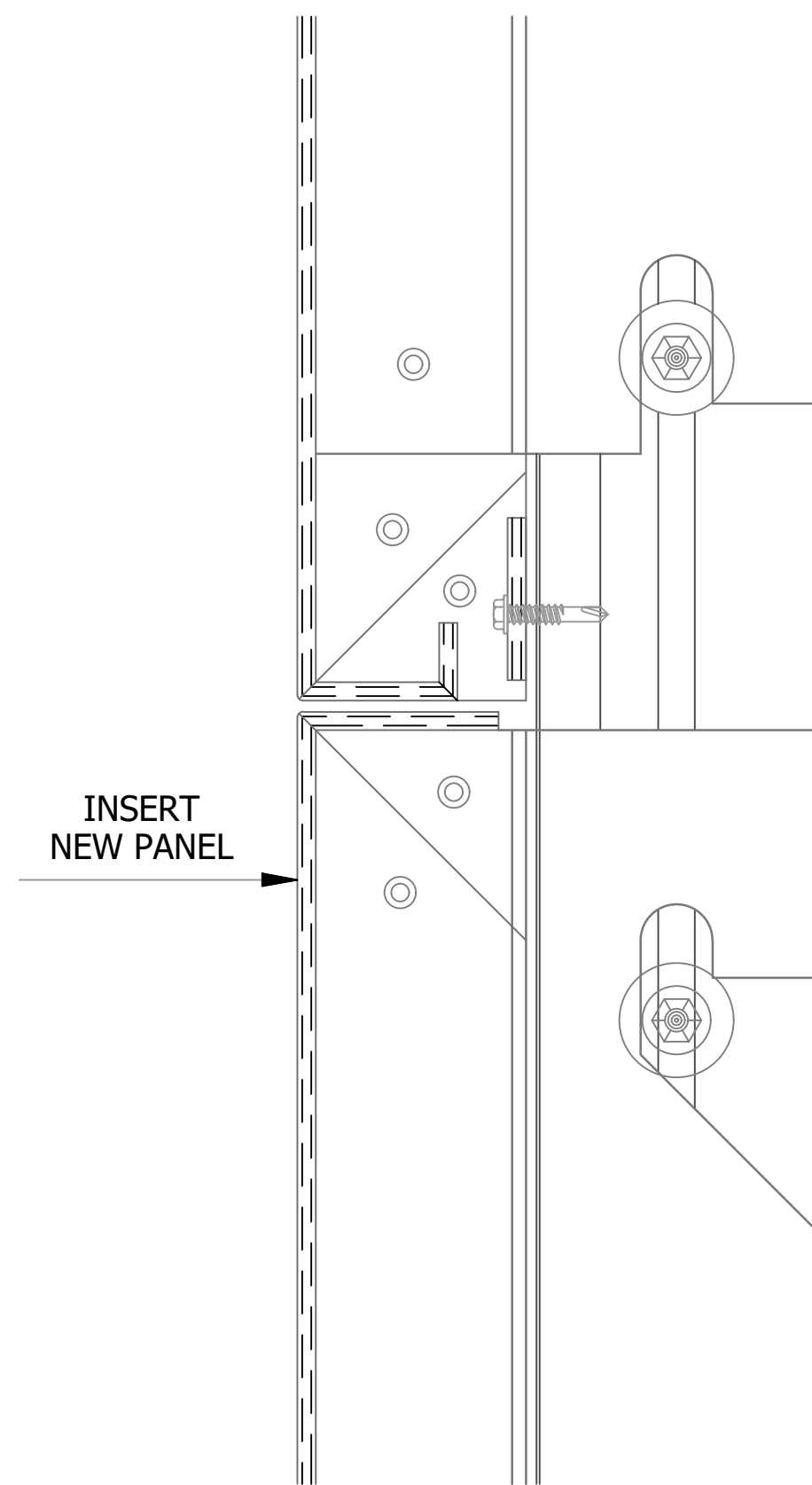
\* details are typical and it is the responsibility of the installer/designer to ensure the suitability for each specific project, PSP will not be held responsible



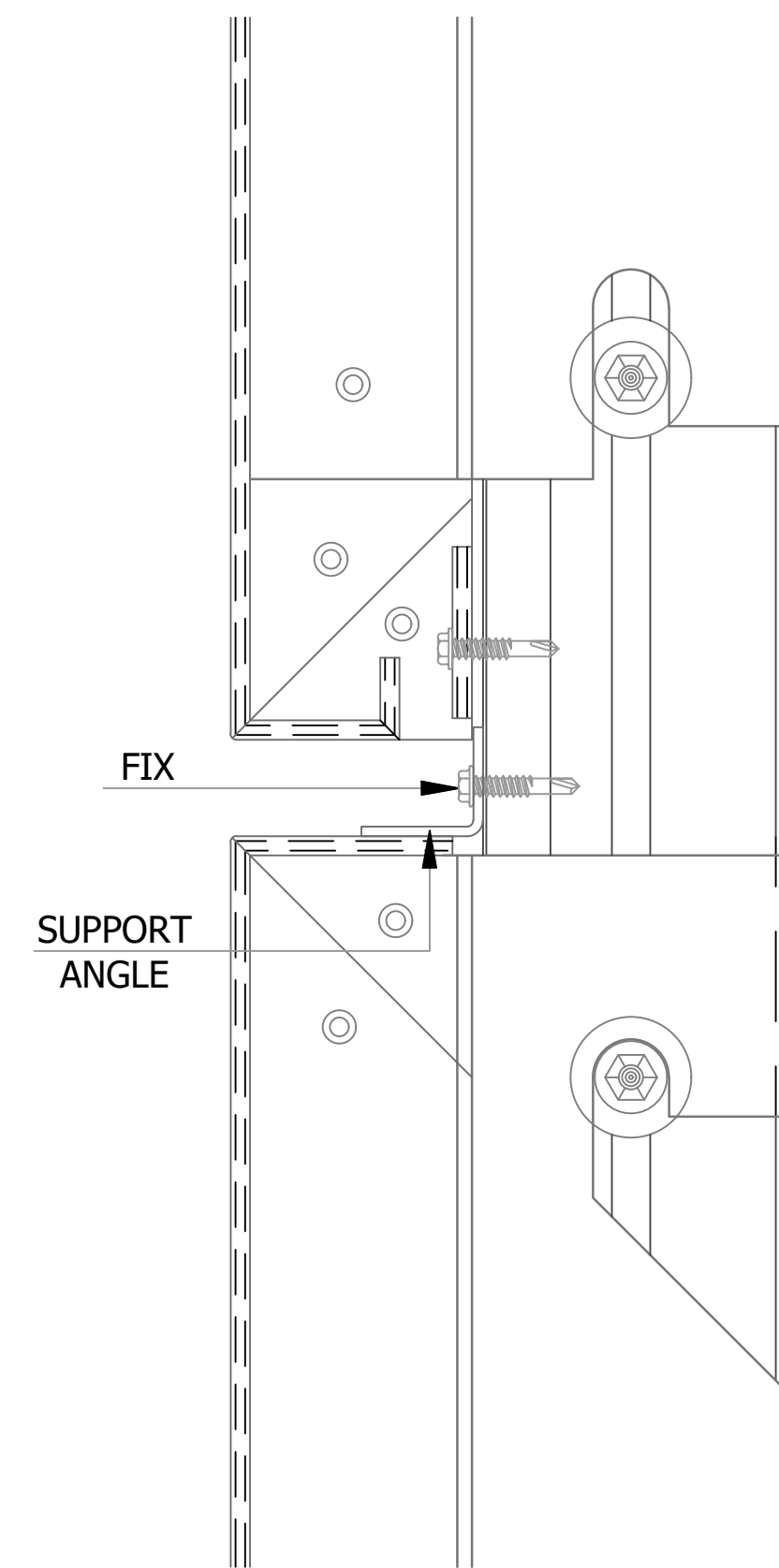
**STEP 1**



**STEP 2**



**STEP 3**



**STEP 4**

1. PANEL TO BE REMOVED TO BE CUT ALONG JOINT
2. REMAINING PART OF PANEL TO BE CUT AT HIGHEST POINT
3. INSERT NEW PANEL
4. FIX SUPPORT ANGLE VIA JOINT USING LOW PROFILE HEADED FIXING

Revision	Date	Details
A	20.06.19	Product Re-Branding



Unit 11  
 All Saints Industrial Estate  
 Shildon  
 County Durham  
 DL4 2RD  
 Tel: 00 44 (0) 1388 770490  
 Fax: 00 44 (0) 1388 778068  
 Email: design@pspuk.com  
 www.pspuk.com

Drawn by: <b>SB</b>	Date: <b>20.06.19</b>	Scale: <b>1:2 @ A3</b>
------------------------	--------------------------	---------------------------

Title:  
**Replacement Panel Procedure**

Client:  
**P.S.P.**

Project:  
**Matrix SFCM Standard Details**

Drwg. No.:	Status:	Approved
<b>PSP-MSFCM-020</b>	Revision:	<b>A</b>

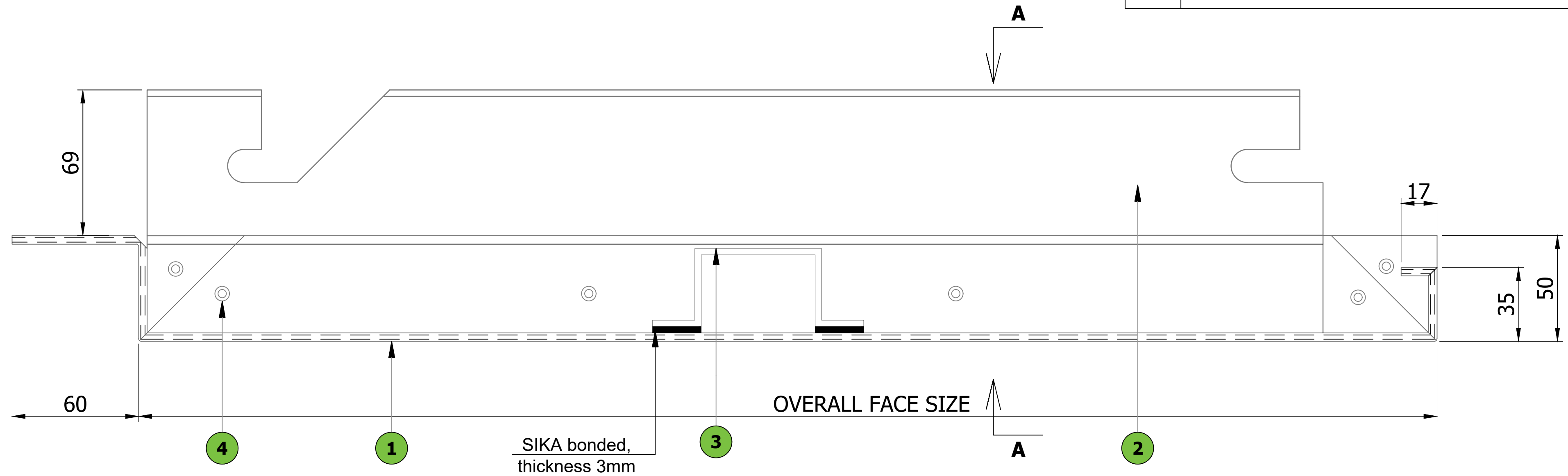
\* details are typical and it is the responsibility of the installer/designer to ensure the suitability for each specific project, PSP will not be held responsible



JOINTS SIZE - PROJECT SPECIFIC;  
STANDARD MATRIX SFCM VERTICAL &  
HORIZONTAL JOINTS ARE 20MM

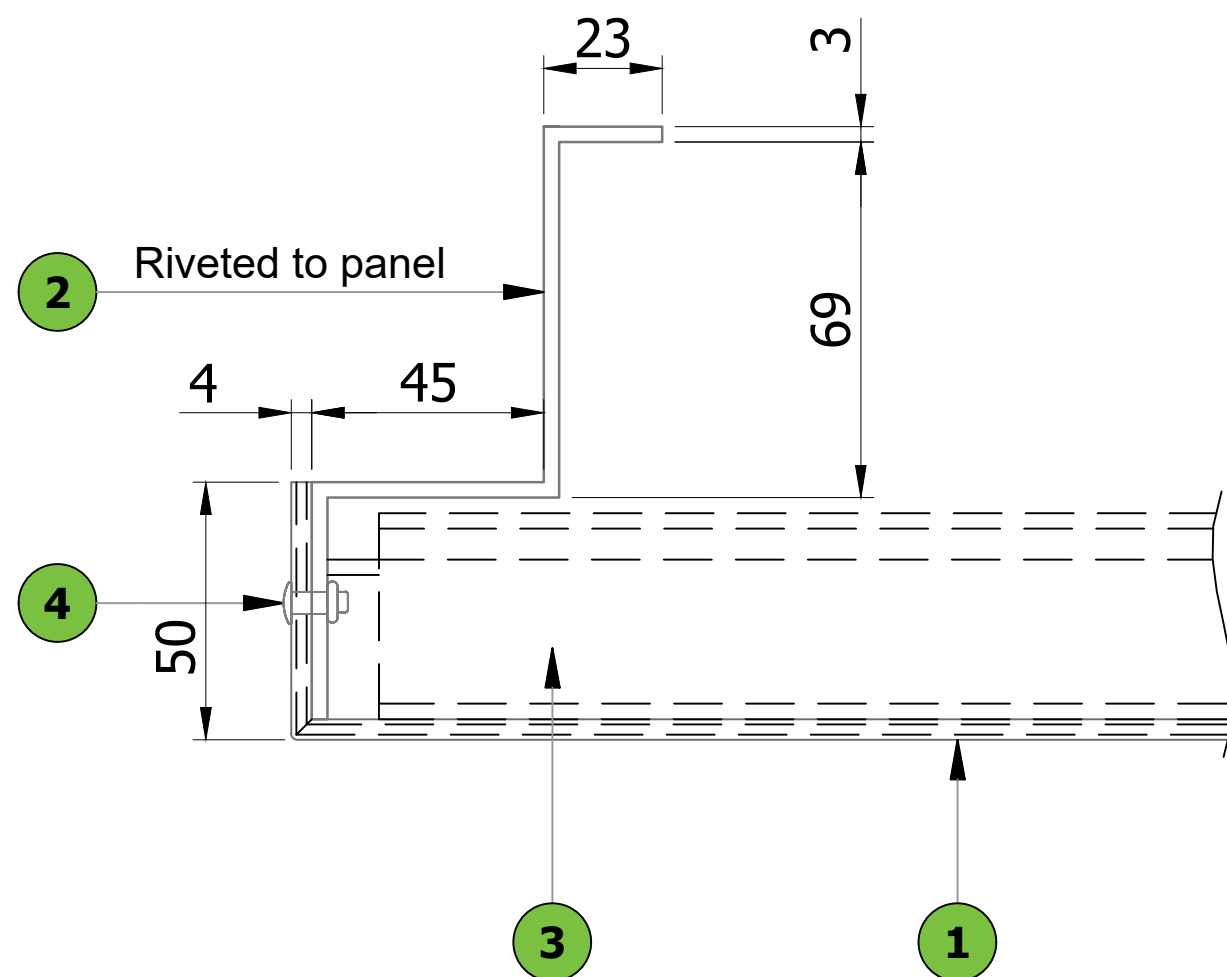
**PARTS LIST**

<b>1</b>	Panel - ACM, 3mm	} Factory assembled
<b>2</b>	Panel - aluminium angle hook, 3mm	
<b>3</b>	Panel - aluminium top hat support, 3mm	
<b>4</b>	Panel - aluminium rivet	



**SECTION A-A**

**TYPICAL PANEL SECTION**



Note: aluminium top hat support will be omitted on a non CWCT required system

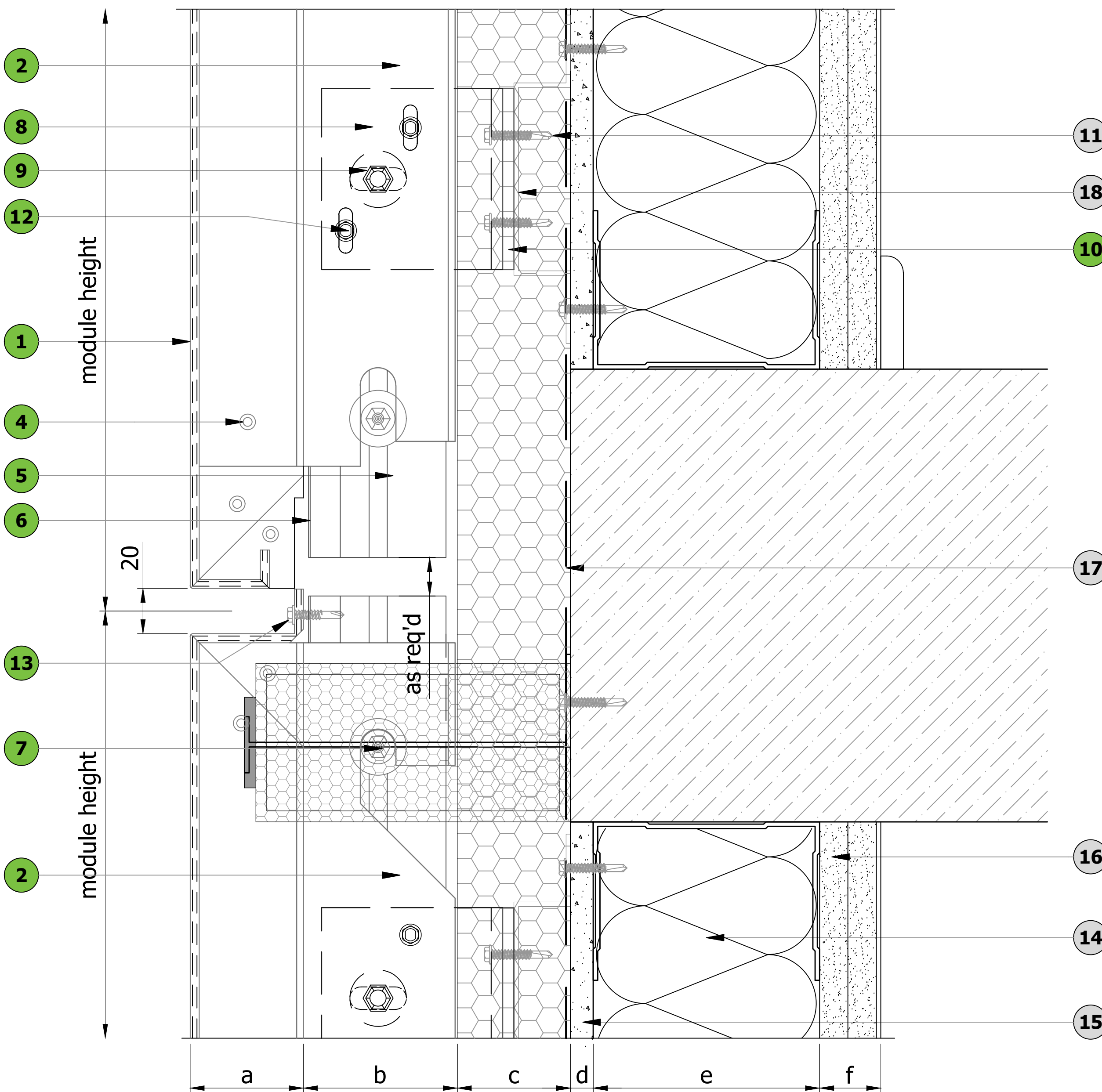
Revision	Date	Details
A	20.06.19	Product Re-Branding



Unit 11  
All Saints Industrial Estate  
Shildon  
County Durham  
DL4 2RD  
Tel: 00 44 (0) 1388 770490  
Fax: 00 44 (0) 1388 778068  
Email: design@pspuk.com  
www.pspuk.com

Drawn by: <b>SB</b>	Date: 20.06.19	Scale: 1:2 @ A3
Title: <b>Typical Panel Section</b>		
Client: <b>P.S.P.</b>		
Project: <b>Matrix SFCM Standard Details</b>		
Drwg. No.:	Status:	Approved
<b>PSP-MSFCM-021</b>	Revision:	A

\* details are typical and it is the responsibility of the installer/designer to ensure the suitability for each specific project, PSP will not be held responsible



PARTS LIST	
1	Panel - ACM, 3mm
2	Panel - aluminium angle hook, 3mm
3	Panel - aluminium top hat support, 3mm
4	Panel - aluminium rivet
} Factory assembled	
5	Matrix60 Mullion (M60-M)
6	Matrix60 cover (M60-C) optional
7	M6 panel bolt assembly (M6-PBA)
8	Aluminium staggered structural cleat, 6mm
9	M8 structural cleat bolt assembly (M8-CBA)
10	Optional PVC thermal break, 5mm
11	Stainless steel fixing (TBC)
12	JT4-4-4.8x19 Stainless steel fixing
13	JT4-6-5.5x22 A14 Stainless steel fixing
14	Rockwool insulation by others
15	Cement particle board by others
16	Wallboard by others
17	Breather membrane by others
18	Galvanized steel top hat

LEGEND	
a	Panel thickness - 50mm
b	Clading cavity (British standard - 25mm, NHBC - 50mm (open joints) and 38mm (baffled joints))
c	Rigid sheet insulation (project specific depending on specified U-value)
d	Sheeting board - 10mm or 12mm
e	SFS - 90mm...154mm (depending on system specification)
f	Internal plaster board - 30mm

Revision	Date	Details
A	20.06.19	Product Re-Branding

LEGEND:	
	part of system, provided by PSP
	not part of system, can be provided by PSP
	provided by others

**MOVEMENT JOINT DETAIL**

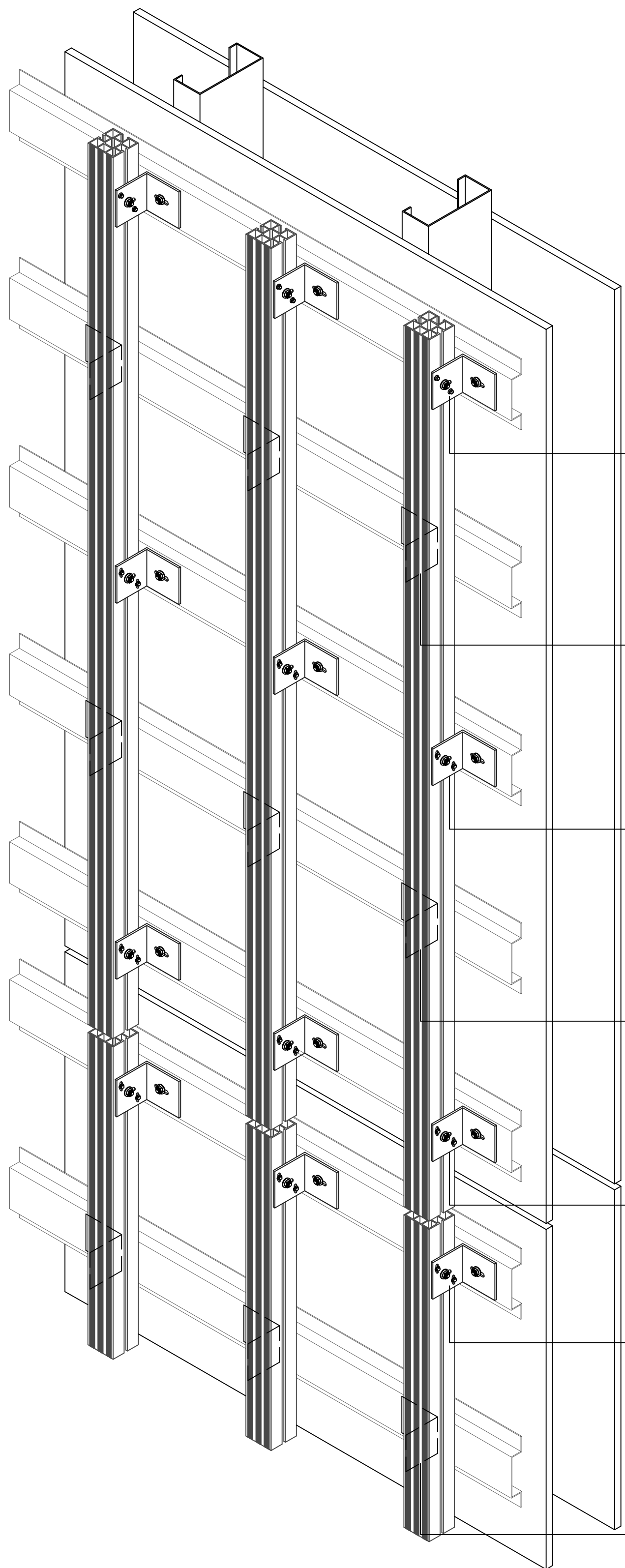
Unit 11  
All Saints Industrial Estate  
Shildon  
County Durham  
DL4 2RD

Tel: 00 44 (0) 1388 770490  
Fax: 00 44 (0) 1388 778068  
Email: design@pspuk.com  
www.pspuk.com

Drawn by: <b>SB</b>	Date: 20.06.19	Scale: 1:2 @ A3
Title: <b>Typical Movement Joint Detail</b>		
Client: <b>P.S.P.</b>		
Project: <b>Matrix SFCM Standard Details</b>		
Drwg. No.:	Status:	Approved
<b>PSP-MSFCM-022</b>	Revision:	A

\* details are typical and it is the responsibility of the installer/designer to ensure the suitability for each specific project, PSP will not be held responsible





Fixed point bracket

Sliding point bracket

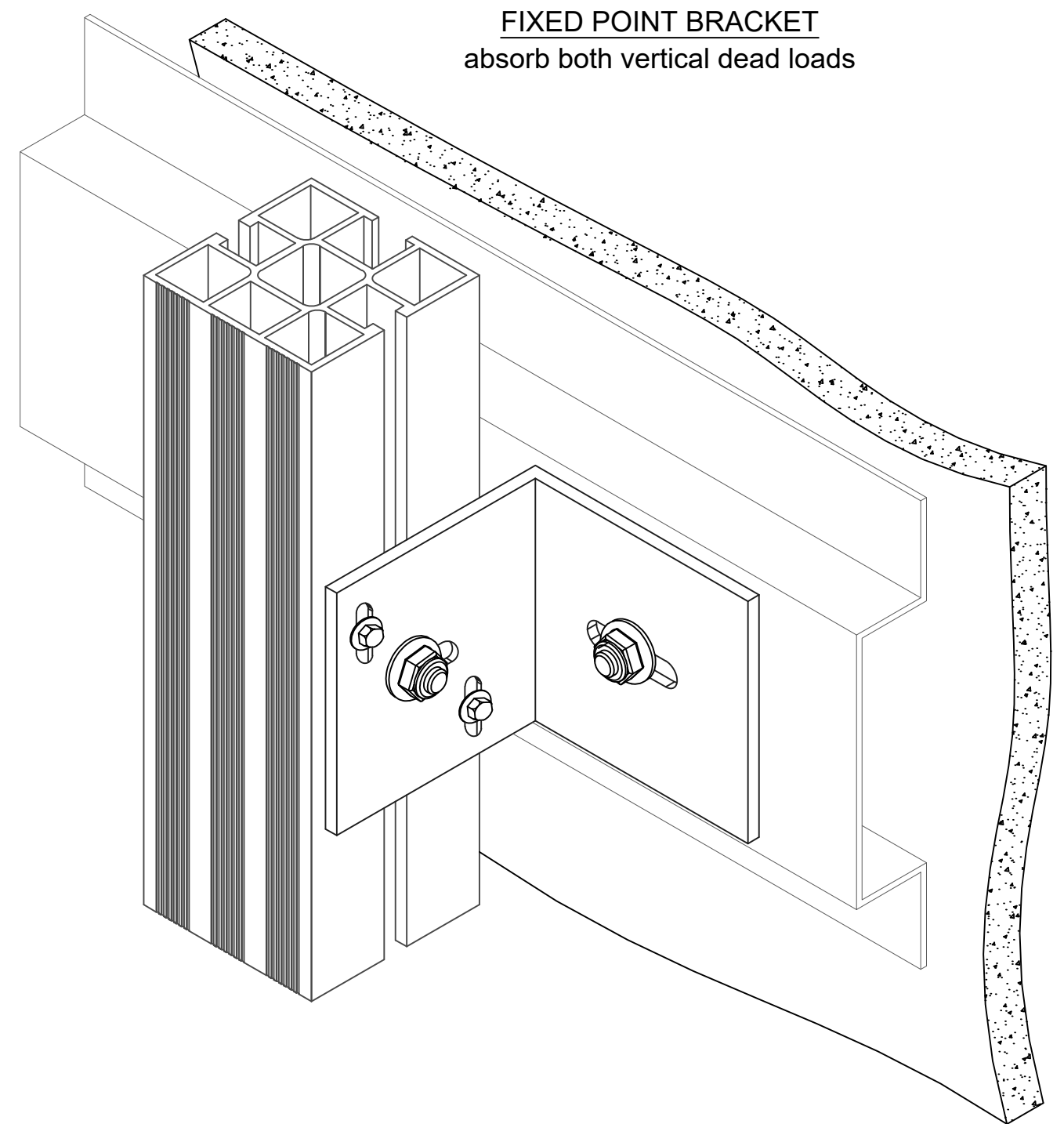
Sliding point bracket

Sliding point bracket

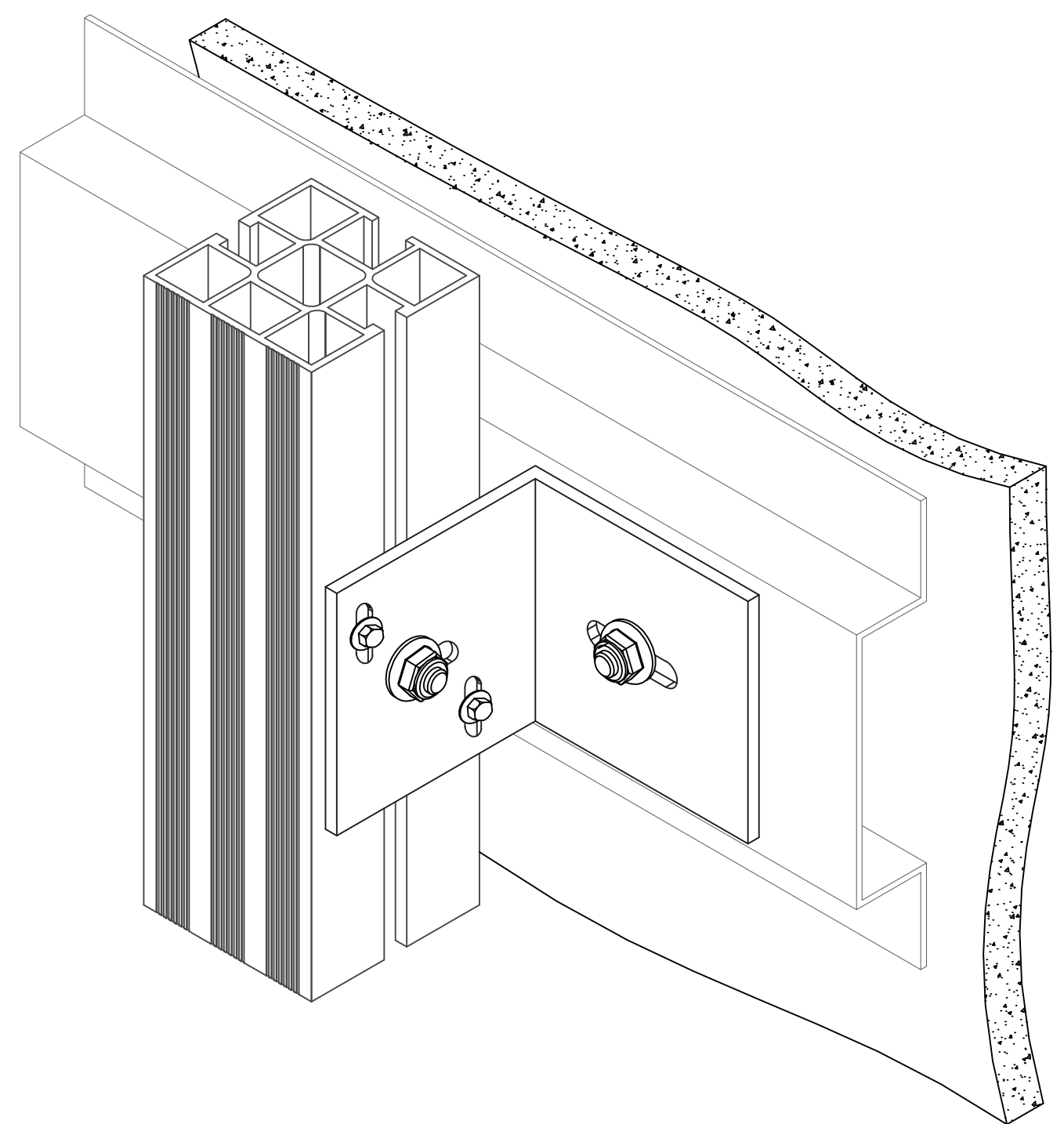
Sliding point bracket

Fixed point bracket

Sliding point bracket



**FIXED POINT BRACKET**  
absorb both vertical dead loads



**SLIDING POINT BRACKET**  
allow for expansion and contraction

Revision	Date	Details
A	20.06.19	Product Re-Branding



Unit 11  
All Saints Industrial Estate  
Shildon  
County Durham  
DL4 2RD

Tel: 00 44 (0) 1388 770490  
Fax: 00 44 (0) 1388 778068  
Email: design@pspuk.com  
www.pspuk.com

Drawn by: **SB**      Date: 20.06.19      Scale: 1:2 @ A3

Title: **Fixed & sliding brackets points setting out**

Client: **P.S.P.**

Project: **Matrix SFCM Standard Details**

Drwg. No.: <b>PSP-MSFCM-023</b>	Status: Approved
Revision:	A

\* details are typical and it is the responsibility of the installer/designer to ensure the suitability for each specific project, PSP will not be held responsible