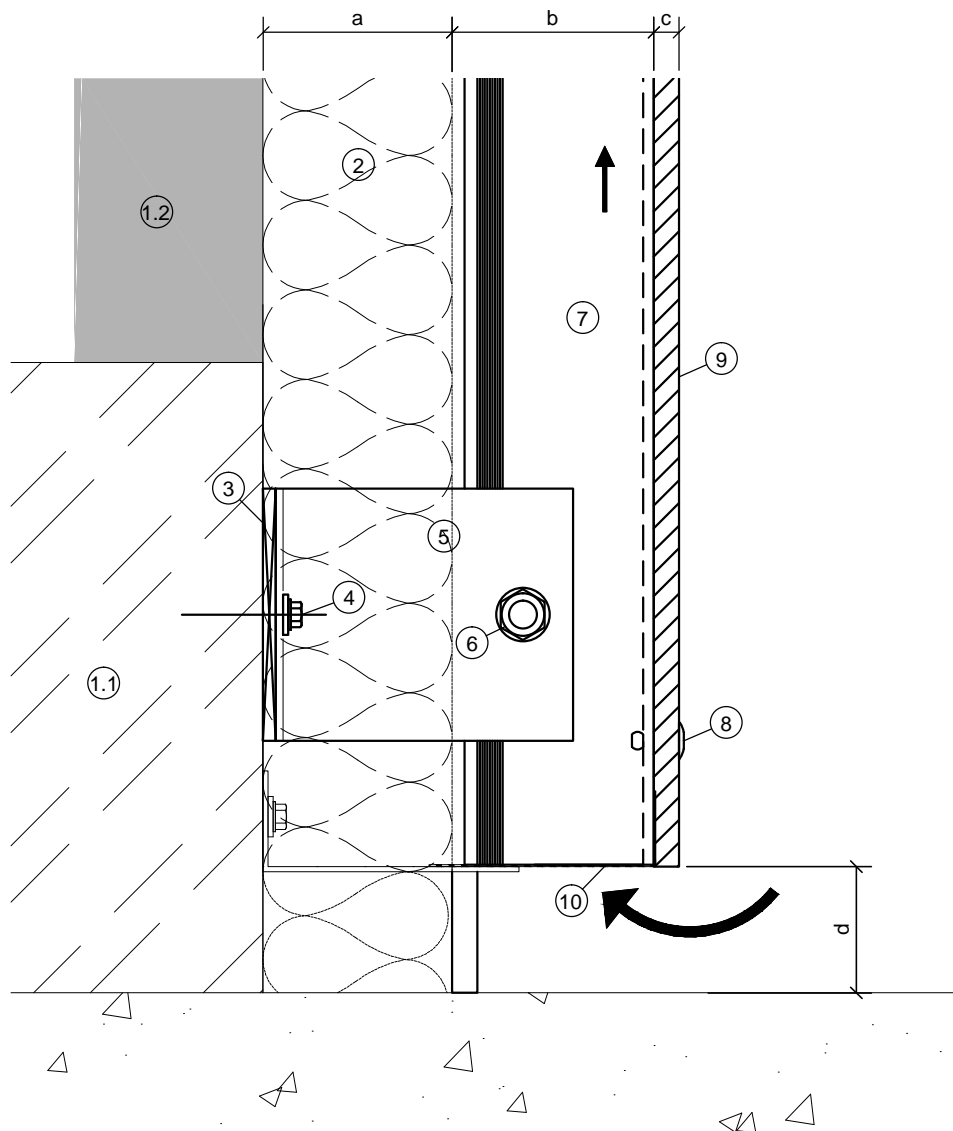


These drawings are indicative only, for use as a guide. The customer is always responsible for any specific design, structural calculations and calculating exact sizes of rails, sizes & quantities of panels. Any project details and calculations supplied by Architectural Panel Solutions are provided in good faith and should always be checked and approved by the project engineer responsible. Architectural Panel Solutions will not accept any liability should the system be designed / installed incorrectly.



Items	
1.1	Floor Slab (By Others)
1.2	Air-tight infill wall (By Others)
2	Insulation (By Others)
3	DCS041 Isolator Pad
4	Primary fixing will vary subject to floor slab composition*
5	DCS041 Wall Bracket*
6	Bolt Set HBS10075A2 (Ø10 x 75mm)
7	DCS041 Vertical Rail
8	Colour Rivets to match panels *
9	Cladding panel
10	Ventilation Profile *

*Please refer to APS Downer Rainscreen Framing brochure

Dimensions	
a	Insulation thickness (varies)
b	Ventilation - Please refer to panel manufacturer / local regulations recommendations
c	Panel nominal thickness
d	Base distance - Please refer to panel manufacturer recommendation
a+b	Wall cavity - Please refer to DCS041 Cavity range for suitable wall bracket

Rev.	/ /	
------	-----	--

Architectural
PANEL SOLUTIONS

ARCHITECTURAL PANEL SOLUTIONS LIMITED
Unit 5, Wainwright Close, Churchfields Industrial Estate,
St Leonards-on-Sea, TN38 0LP
T: 01424 852641 F: 01424 852797
claddings@architecturalpanelsolutions.com
www.architecturalpanelsolutions.com

Drawing Title:

**DCS041 - FACE FIX TYPICAL DETAILS
BASE DETAIL**

Drawing Ref:

DCS041-F01

Scale:

NTS
@ A4

System:

DCS041

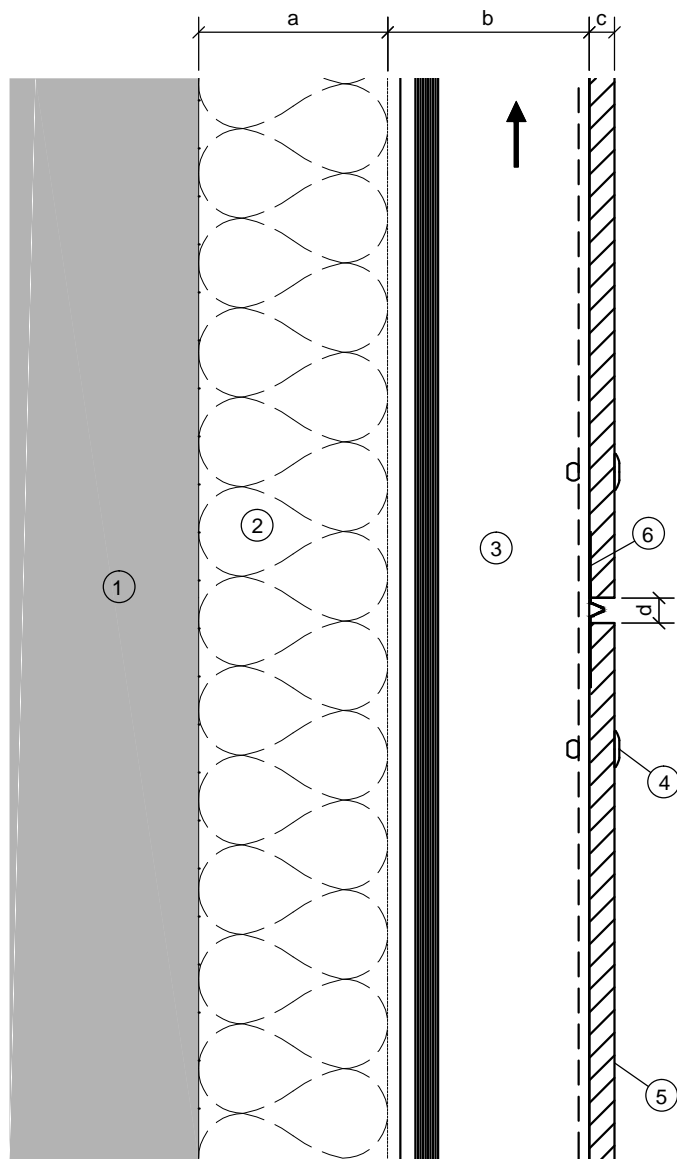
Date:

March 21

Drawn:

J.B

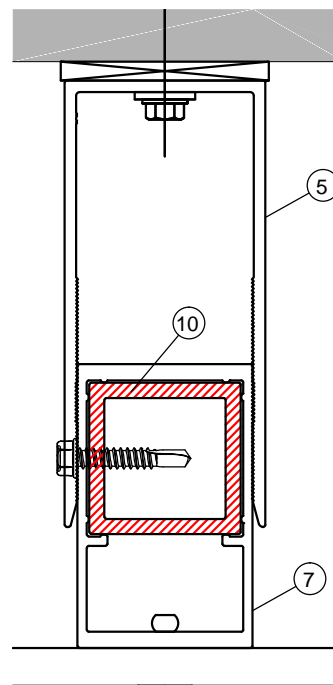
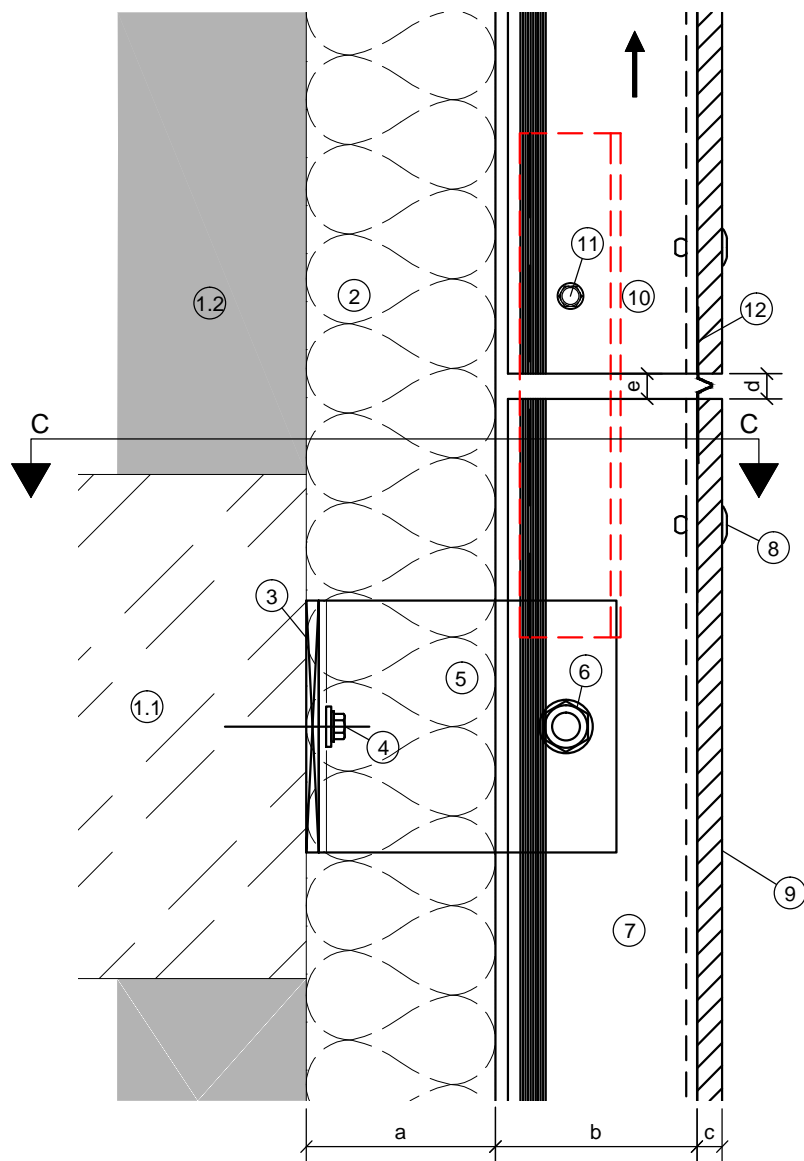
These drawings are indicative only, for use as a guide. The customer is always responsible for any specific design, structural calculations and calculating exact sizes of rails, sizes & quantities of panels. Any project details and calculations supplied by Architectural Panel Solutions are provided in good faith and should always be checked and approved by the project engineer responsible. Architectural Panel Solutions will not accept any liability should the system be designed / installed incorrectly.



Items	
1	Air-tight infill wall (By Others)
2	Insulation (By Others)
3	DCS041 Vertical Rail
4	Colour Rivets to match panels
5	Cladding Panel
6	Birds Beak Profile *
*Please refer to APS Downer Rainscreen Framing brochure	

Dimensions	
a	Insulation thickness (varies)
b	Ventilation - Please refer to panel manufacturer / local regulations recommendations
c	Panel nominal thickness
d	Panel Joint - Please refer to panel manufacturer.
a+b	Wall cavity - Please refer to DCS031 Cavity range for suitable helping hand bracket

These drawings are indicative only, for use as a guide. The customer is always responsible for any specific design, structural calculations and calculating exact sizes of rails, sizes & quantities of panels. Any project details and calculations supplied by Architectural Panel Solutions are provided in good faith and should always be checked and approved by the project engineer responsible. Architectural Panel Solutions will not accept any liability should the system be designed / installed incorrectly.



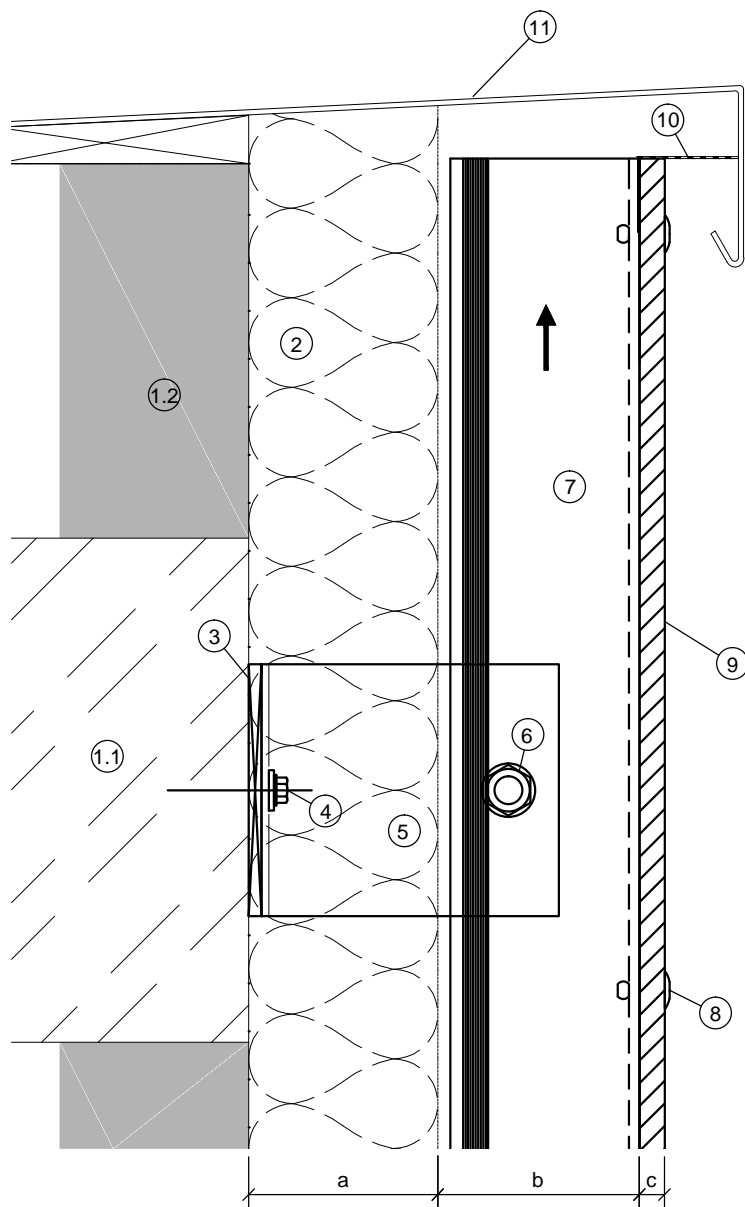
Section C-C

Items	
1.1	Floor Slab (By Others)
1.2	Air-tight infill wall (By Others)
2	Insulation (By Others)
3	DCS041 Isolator Pad
4	Primary fixing will vary subject to floor slab composition*
5	DCS041 Wall Bracket*
6	Bolt Set HBS10075A2 (Ø10 x 75mm)
7	DCS041 Vertical Rail
8	Colour Rivets to match panels *
9	Cladding panel
10	DCS041 Spigot
11	FDS 65530 W16 - Spigot Retaining Screw
12	Birds Beak Profile *

*Please refer to APS Downer Rainscreen Framing brochure

Dimensions	
a	Insulation thickness (varies)
b	Ventilation - Please refer to panel manufacturer / local regulations recommendations
c	Panel nominal thickness
d	Panel Joint - Please refer to panel manufacturer.
e	Rail Joint - Minimum 10mm (cladding panels should not be fixed to two adjacent vertical rails)
a+b	Wall cavity - Please refer to DCS041 Cavity range for suitable wall bracket

These drawings are indicative only, for use as a guide. The customer is always responsible for any specific design, structural calculations and calculating exact sizes of rails, sizes & quantities of panels. Any project details and calculations supplied by Architectural Panel Solutions are provided in good faith and should always be checked and approved by the project engineer responsible. Architectural Panel Solutions will not accept any liability should the system be designed / installed incorrectly.



Items	
1.1	Floor Slab (By Others)
1.2	Air-tight infill wall (By Others)
2	Insulation (By Others)
3	DCS041 Isolator Pad
4	Primary fixing will vary subject to floor slab composition*
5	DCS041 Wall Bracket*
6	Bolt Set HBS10075A2 (Ø10 x 75mm)
7	DCS041 Vertical Rail
8	Colour Rivets to match panels *
9	Cladding panel
10	Ventilation Profile *
11	Parapet detail to project requirement (by others)
*Please refer to APS Downer Rainscreen Framing brochure	

Dimensions	
a	Insulation thickness (varies)
b	Ventilation - Please refer to board manufacturer / local regulations recommendations
c	Panel nominal thickness
a+b	Wall cavity - Please refer to DCS041 Cavity range for suitable wall bracket

Rev.	/ /		
------	-----	--	--

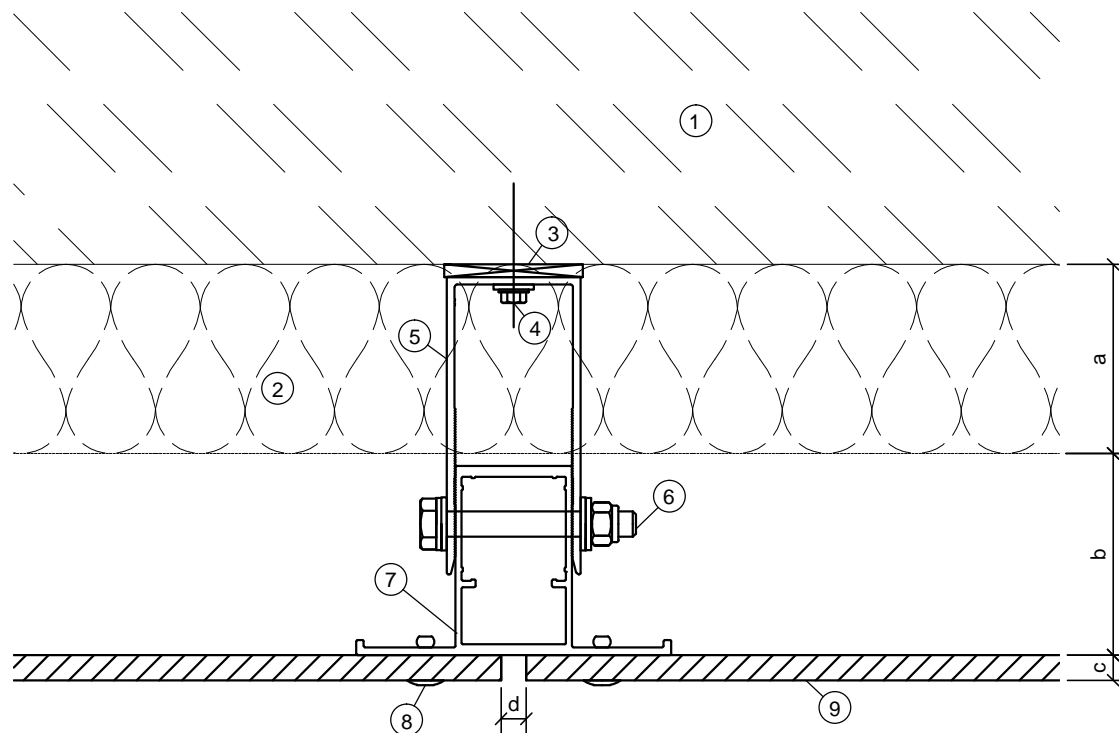


ARCHITECTURAL PANEL SOLUTIONS LIMITED
 Unit 5, Wainwright Close, Churchfields Industrial Estate,
 St Leonards-on-Sea, TN38 0LP
 T: 01424 852641 F: 01424 852797
 claddings@architecturalpanelsolutions.com
 www.architecturalpanelsolutions.com

Drawing Title:	DCS041 - FACE FIX TYPICAL DETAILS GENERIC PARAPET DETAIL								
Drawing Ref:	DCS041-F04	Scale:	NTS @ A4	System:	DCS041	Date:	March 21	Drawn:	J.B

Architectural Panel Solutions Ltd. reserve the right to amend details at any time without prior notice. Reproduction or disclosure to third parties is strictly prohibited and can only be attained through signed, written consent from APS Ltd.

These drawings are indicative only, for use as a guide. The customer is always responsible for any specific design, structural calculations and calculating exact sizes of rails, sizes & quantities of panels. Any project details and calculations supplied by Architectural Panel Solutions are provided in good faith and should always be checked and approved by the project engineer responsible. Architectural Panel Solutions will not accept any liability should the system be designed / installed incorrectly.



Items	
1	Floor Slab (By Others)
2	Insulation (By Others)
3	DCS041 Isolator Pad
4	Primary fixing will vary subject to floor slab composition*
5	DCS041 Wall Bracket*
6	Bolt Set HBS10075A2 (Ø10 x 75mm)
7	DCS041 "T Box" Vertical Rail. Face can be blacked out with PVC tape* or supplied powder coated
8	Colour Rivets to match panels *
9	Cladding panel
*Please refer to APS Downer Rainscreen Framing brochure	

Dimensions	
a	Insulation thickness (varies)
b	Ventilation - Please refer to panel manufacturer / local regulations recommendations
c	Panel nominal thickness
d	Panel Joint - Please refer to panel manufacturer.
a+b	Wall cavity - Please refer to DCS041 Cavity range for suitable wall bracket

Architectural
PANEL SOLUTIONS

ARCHITECTURAL PANEL SOLUTIONS LIMITED
Unit 5, Wainwright Close, Churchfields Industrial Estate,
St Leonards-on-Sea, TN38 0LP
T: 01424 852641 F: 01424 852797
claddings@architecturalpanelsolutions.com
www.architecturalpanelsolutions.com

Drawing Title:

DCS041 - FACE FIX TYPICAL DETAILS
VERTICAL PANEL JOINT DETAIL

Drawing Ref:

DCS041-F05

Scale:

NTS
@ A4

System:

DCS041

Date:

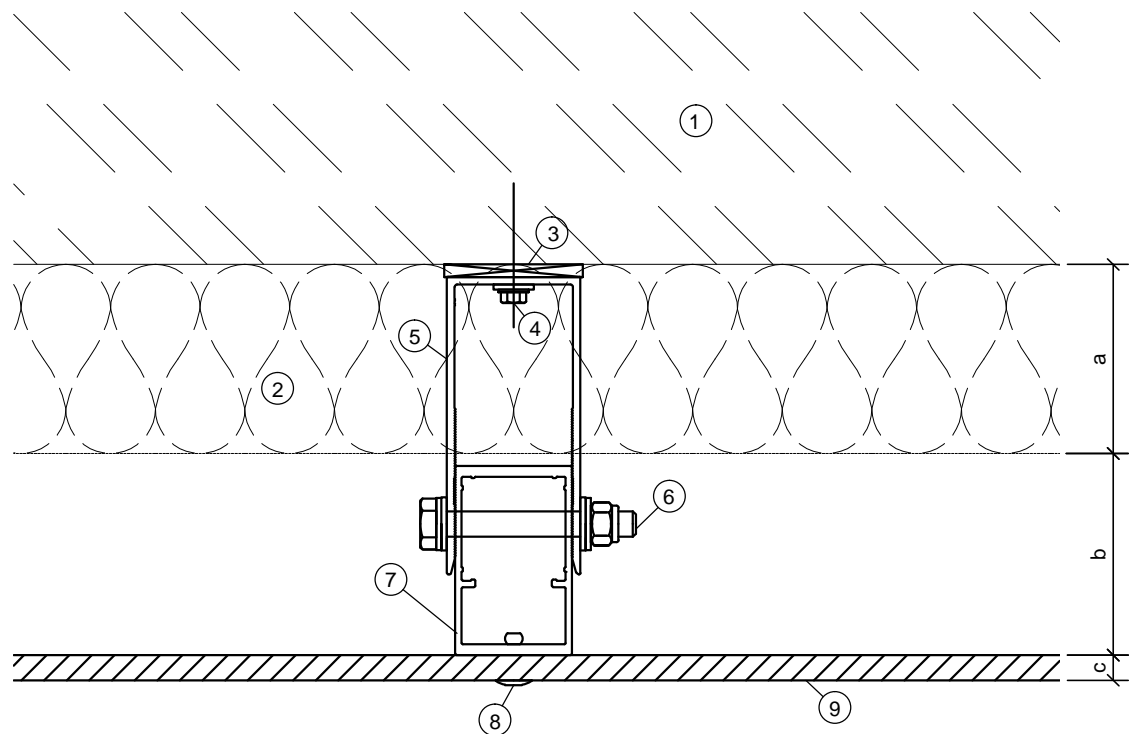
March 21

Drawn:

J.B

Rev. //

These drawings are indicative only, for use as a guide. The customer is always responsible for any specific design, structural calculations and calculating exact sizes of rails, sizes & quantities of panels. Any project details and calculations supplied by Architectural Panel Solutions are provided in good faith and should always be checked and approved by the project engineer responsible. Architectural Panel Solutions will not accept any liability should the system be designed / installed incorrectly.



Items	
1	Floor Slab (By Others)
2	Insulation (By Others)
3	DCS041 Isolator Pad
4	Primary fixing will vary subject to floor slab composition*
5	DCS041 Wall Bracket*
6	Bolt Set HBS10075A2 (Ø10 x 75mm)
7	DCS041 "Box" Vertical Rail.
8	Colour Rivets to match panels *
9	Cladding panel

*Please refer to APS Downer Rainscreen Framing brochure

Dimensions	
a	Insulation thickness (varies)
b	Ventilation - Please refer to panel manufacturer / local regulations recommendations
c	Panel nominal thickness
a+b	Wall cavity - Please refer to DCS041 Cavity range for suitable wall bracket



ARCHITECTURAL PANEL SOLUTIONS LIMITED
 Unit 5, Wainwright Close, Churchfields Industrial Estate,
 St Leonards-on-Sea, TN38 0LP
 T: 01424 852641 F: 01424 852797
 claddings@architecturalpanelsolutions.com
 www.architecturalpanelsolutions.com

Drawing Title:

DCS041 - FACE FIX TYPICAL DETAILS
 INTERMEDIATE SUPPORT DETAIL

Drawing Ref:

DCS041-F06

Scale: NTS
@ A4

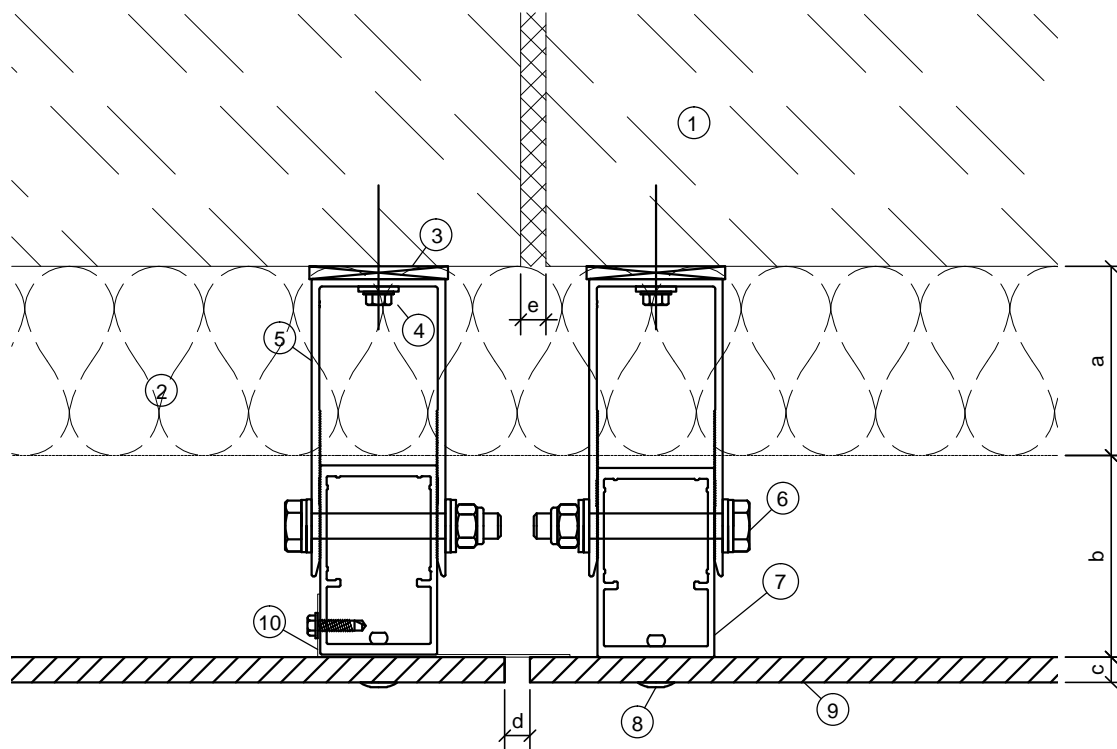
System: DCS041

Date: March 21

Drawn: J.B

Rev.	/ /		
------	-----	--	--

These drawings are indicative only, for use as a guide. The customer is always responsible for any specific design, structural calculations and calculating exact sizes of rails, sizes & quantities of panels. Any project details and calculations supplied by Architectural Panel Solutions are provided in good faith and should always be checked and approved by the project engineer responsible. Architectural Panel Solutions will not accept any liability should the system be designed / installed incorrectly.



Items	
1	Floor Slab (By Others)
2	Insulation (By Others)
3	DCS041 Isolator Pad
4	Primary fixing will vary subject to floor slab composition*
5	DCS041 Wall Bracket*
6	Bolt Set HBS10075A2 (Ø10 x 75mm)
7	DCS041 "Box" Vertical Rail
8	Colour Rivets to match panels *
9	Cladding panel
10	Pre-coated aluminium flashing fixed to box section

*Please refer to APS Downer Rainscreen Framing brochure

Dimensions	
a	Insulation thickness (varies)
b	Ventilation - Please refer to panel manufacturer / local regulations recommendations
c	Panel nominal thickness
d	Panel Joint - Please refer to panel manufacturer. / to match building movement joint
e	Building Structural Movement Joint
a+b	Wall cavity - Please refer to DCS041 Cavity range for suitable wall bracket

Rev.	/ /	
------	-----	--

Architectural
PANEL SOLUTIONS

ARCHITECTURAL PANEL SOLUTIONS LIMITED
Unit 5, Wainwright Close, Churchfields Industrial Estate,
St Leonards-on-Sea, TN38 0LP
T: 01424 852641 F: 01424 852797
claddings@architecturalpanelsolutions.com
www.architecturalpanelsolutions.com

Drawing Title:

DCS041 - FACE FIX TYPICAL DETAILS
BUILDING STRUCTURAL MOVEMENT JOINT DETAIL

Drawing Ref:

DCS041-F07

Scale:

NTS
@ A4

System:

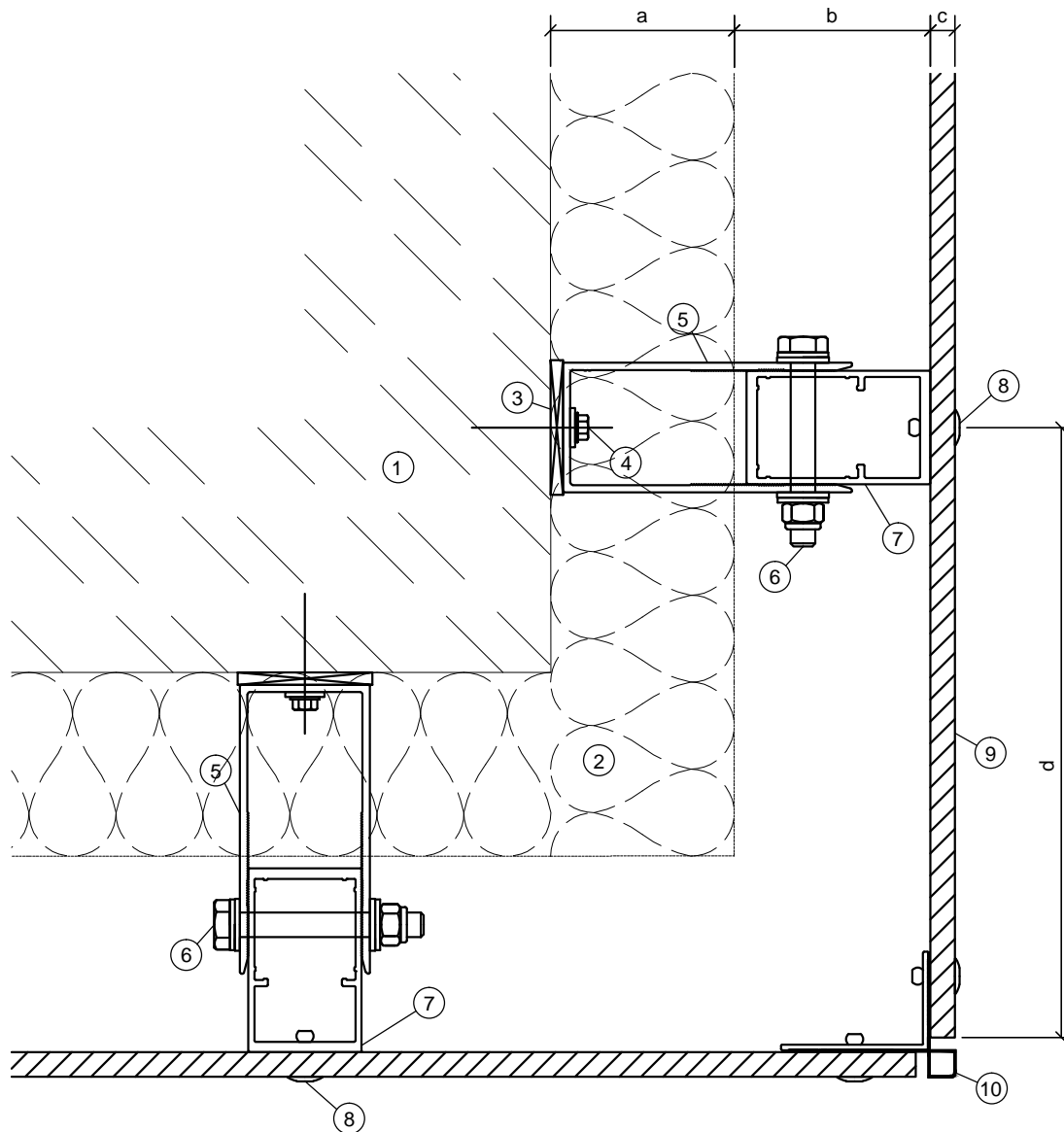
DCS041

Date:

March 21

Drawn: J.B

These drawings are indicative only, for use as a guide. The customer is always responsible for any specific design, structural calculations and calculating exact sizes of rails, sizes & quantities of panels. Any project details and calculations supplied by Architectural Panel Solutions are provided in good faith and should always be checked and approved by the project engineer responsible. Architectural Panel Solutions will not accept any liability should the system be designed / installed incorrectly.



Items	
1	Floor Slab (By Others)
2	Insulation (By Others)
3	DCS041 Isolator Pad
4	Primary fixing will vary subject to floor slab composition*
5	DCS041 Wall Bracket*
6	Bolt Set HBS10075A2 (Ø10 x 75mm)
7	DCS041 "Box" Vertical Rail.
8	Colour Rivets to match panels *
9	Cladding panel
10	External corner profile *

*Please refer to APS Downer Rainscreen Framing brochure

Dimensions	
a	Insulation thickness (varies)
b	Ventilation - Please refer to panel manufacturer / local regulations recommendations
c	Panel nominal thickness
d	Maximum cantilever - Please refer to panel manufacturer
a+b	Wall cavity - Please refer to DCS041 Cavity range for suitable wall bracket

Rev.	/ /		
------	-----	--	--

Architectural
PANEL SOLUTIONS

ARCHITECTURAL PANEL SOLUTIONS LIMITED
Unit 5, Wainwright Close, Churchfields Industrial Estate,
St Leonards-on-Sea, TN38 0LP
T: 01424 852641 F: 01424 852797
claddings@architecturalpanelsolutions.com
www.architecturalpanelsolutions.com

Drawing Title:

**DCS041 - FACE FIX TYPICAL DETAILS
EXTERNAL CORNER DETAIL**

Drawing Ref:

DCS041-F08

Scale:

NTS
@ A4

System:

DCS041

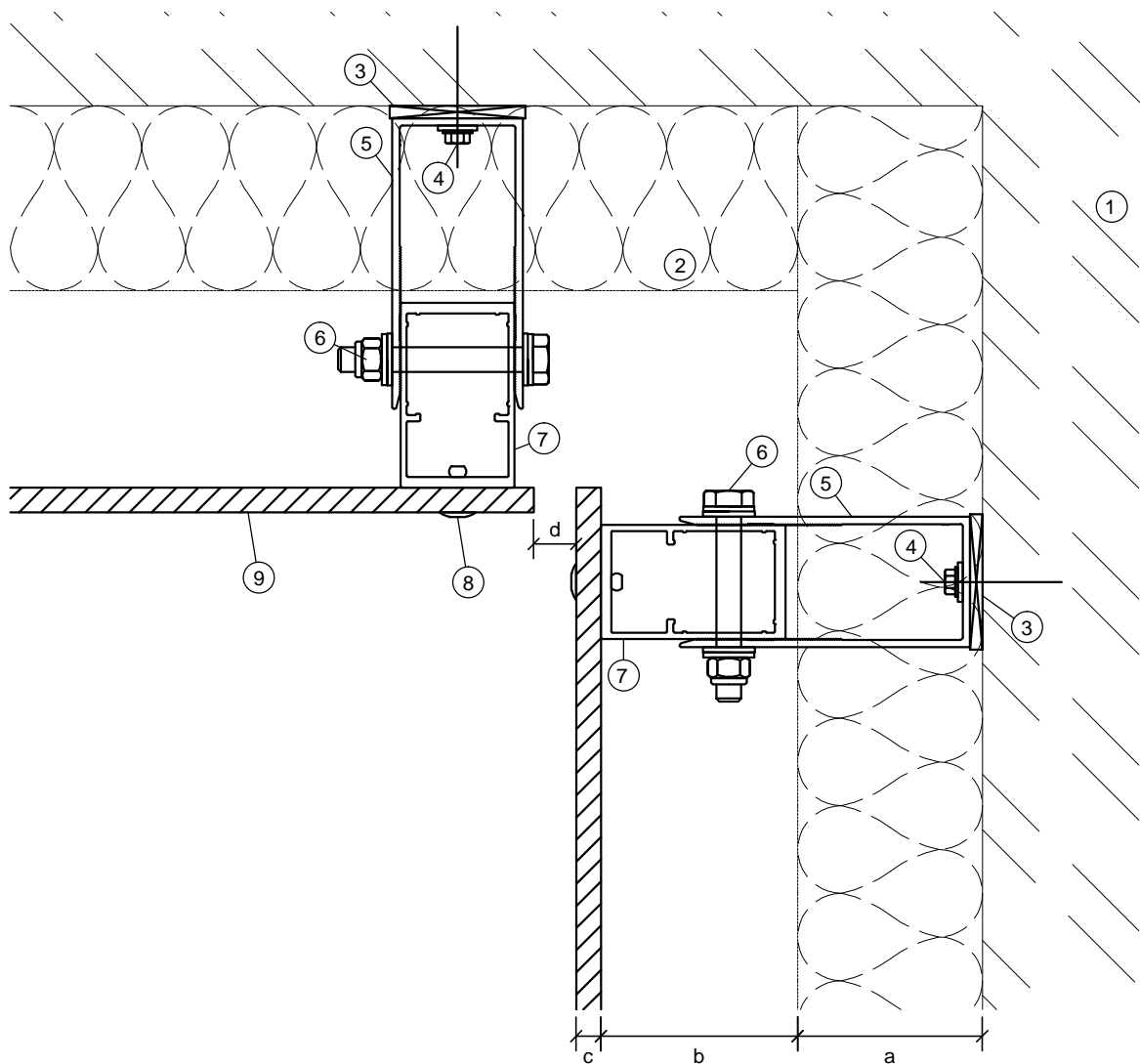
Date:

March 21

Drawn: J.B

Architectural Panel Solutions Ltd. reserve the right to amend details at any time without prior notice. Reproduction or disclosure to third parties is strictly prohibited and can only be attained through signed, written consent from APS Ltd.

These drawings are indicative only, for use as a guide. The customer is always responsible for any specific design, structural calculations and calculating exact sizes of rails, sizes & quantities of panels. Any project details and calculations supplied by Architectural Panel Solutions are provided in good faith and should always be checked and approved by the project engineer responsible. Architectural Panel Solutions will not accept any liability should the system be designed / installed incorrectly.



Items	
1	Floor Slab (By Others)
2	Insulation (By Others)
3	DCS041 Isolator Pad
4	Primary fixing will vary subject to floor slab composition*
5	DCS041 Wall Bracket*
6	Bolt Set HBS10075A2 (Ø10 x 75mm)
7	DCS041 "Box" Vertical Rail.
8	Colour Rivets to match panels *
9	Cladding panel

*Please refer to APS Downer Rainscreen Framing brochure

Dimensions	
a	Insulation thickness (varies)
b	Ventilation - Please refer to panel manufacturer / local regulations recommendations
c	Panel nominal thickness
d	Panel Joint - Please refer to panel manufacturer.
a+b	Wall cavity - Please refer to DCS041 Cavity range for suitable wall bracket

Architectural
PANEL SOLUTIONS

ARCHITECTURAL PANEL SOLUTIONS LIMITED
Unit 5, Wainwright Close, Churchfields Industrial Estate,
St Leonards-on-Sea, TN38 0LP
T: 01424 852641 F: 01424 852797
claddings@architecturalpanelsolutions.com
www.architecturalpanelsolutions.com

Drawing Title:

DCS041 - FACE FIX TYPICAL DETAILS
INTERNAL CORNER DETAIL

Drawing Ref:

DCS041-F09

Scale:

NTS
@ A4

System:

DCS041

Date:

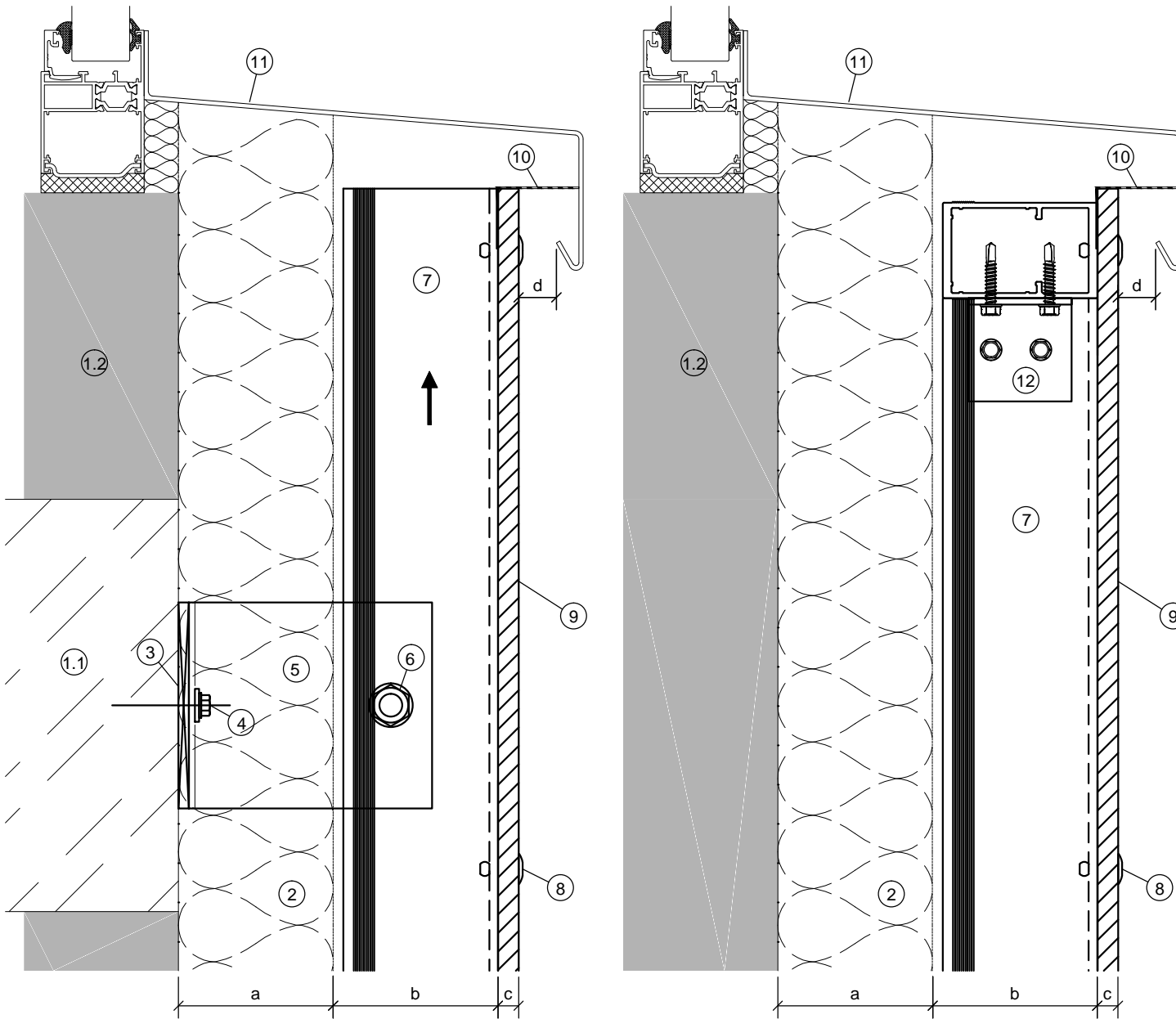
March 21

Drawn:

J.B

Rev.	/ /		
------	-----	--	--

These drawings are indicative only, for use as a guide. The customer is always responsible for any specific design, structural calculations and calculating exact sizes of rails, sizes & quantities of panels. Any project details and calculations supplied by Architectural Panel Solutions are provided in good faith and should always be checked and approved by the project engineer responsible. Architectural Panel Solutions will not accept any liability should the system be designed / installed incorrectly.



Items	
1.1	Floor Slab (By Others)
1.2	Air-tight infill wall (By Others)
2	Insulation (By Others)
3	DCS041 Isolator Pad
4	Primary fixing will vary subject to floor slab composition*
5	DCS041 Wall Bracket*
6	Bolt Set HBS10075A2 (Ø10 x 75mm)
7	DCS041 Vertical Rail
8	Colour Rivets to match panels *
9	Cladding panel
10	Ventilation Profile *
11	Window detail to project requirement (by others)
12	Rail Cleat 50x50x3mm

*Please refer to APS Downer Rainscreen Framing brochure

Dimensions	
a	Insulation thickness (varies)
b	Ventilation - Please refer to panel manufacturer / local regulations recommendations
c	Panel nominal thickness
d	Ventilation inlet / outlet gaps - please refer to panel manufacturer / local regulations recommendations
a+b	Wall cavity - Please refer to DCS041 Cavity range for suitable wall bracket

Rev.	/ /	
------	-----	--

Architectural
PANEL SOLUTIONS

ARCHITECTURAL PANEL SOLUTIONS LIMITED
Unit 5, Wainwright Close, Churchfields Industrial Estate,
St Leonards-on-Sea, TN38 0LP
T: 01424 852641 F: 01424 852797
claddings@architecturalpanelsolutions.com
www.architecturalpanelsolutions.com

Drawing Title:

**DCS041 - FACE FIX TYPICAL DETAILS
GENERIC WINDOW CILL DETAILS**

Drawing Ref:

DCS041-F10

Scale:

NTS
@ A4

System:

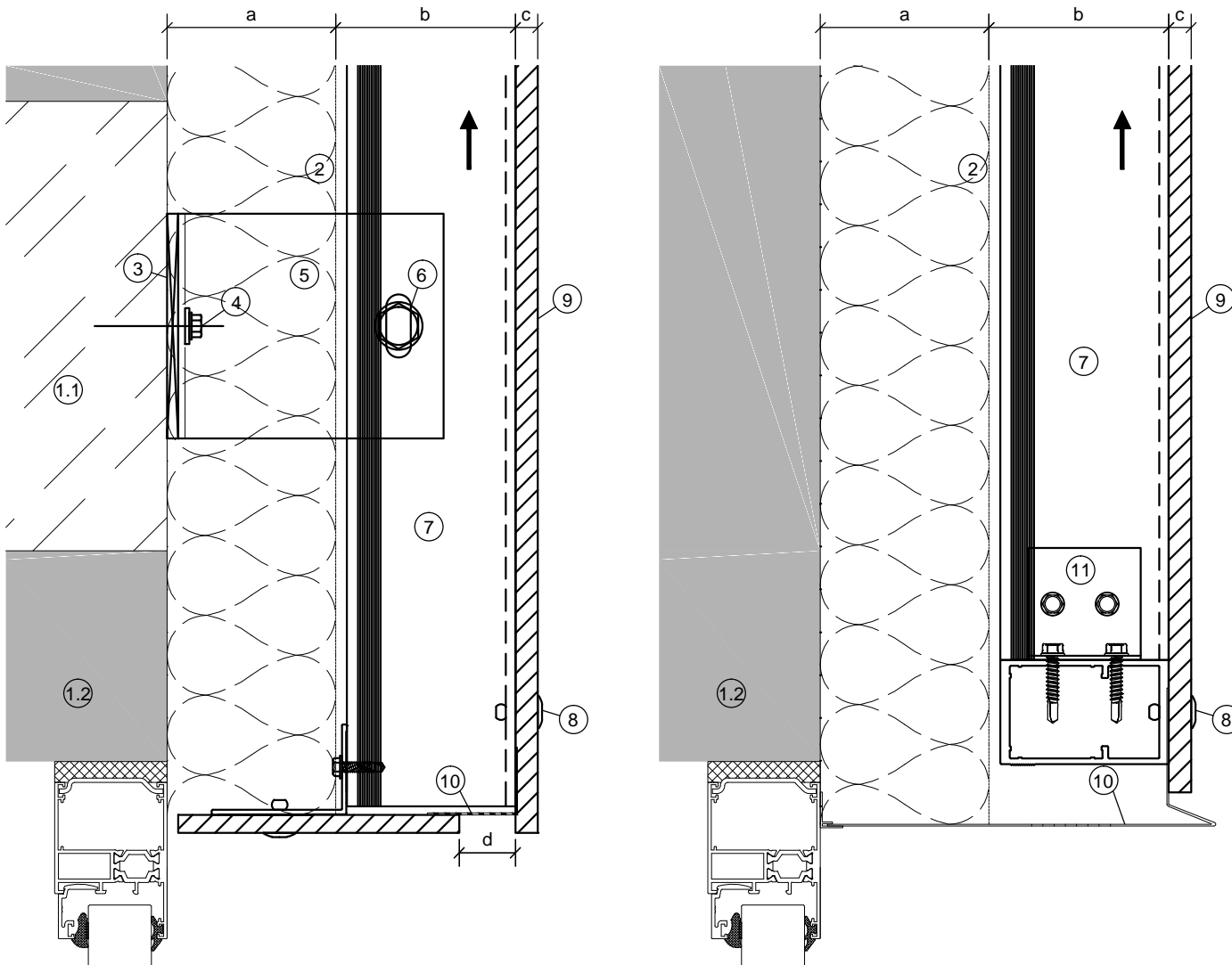
DCS041

Date:

March 21

Drawn: J.B

These drawings are indicative only, for use as a guide. The customer is always responsible for any specific design, structural calculations and calculating exact sizes of rails, sizes & quantities of panels. Any project details and calculations supplied by Architectural Panel Solutions are provided in good faith and should always be checked and approved by the project engineer responsible. Architectural Panel Solutions will not accept any liability should the system be designed / installed incorrectly.



Items	
1.1	Floor Slab (By Others)
1.2	Air-tight infill wall (By Others)
2	Insulation (By Others)
3	DCS041 Isolator Pad
4	Primary fixing will vary subject to substrate composition*
5	DCS041 Wall Bracket*
6	Bolt Set HBS10075A2 (Ø10 x 75mm)
7	DCS041 Vertical Rail
8	Colour Rivets to match panels *
9	Cladding panel
10	Ventilation Profile *
11	Rail Cleat 50x50x3mm

*Please refer to APS Downer Rainscreen Framing brochure

Dimensions	
a	Insulation thickness (varies)
b	Ventilation - Please refer to panel manufacturer / local regulations recommendations
c	Panel nominal thickness
d	Ventilation inlet / outlet gaps - please refer to panel manufacturer / local regulations recommendations
a+b	Wall cavity - Please refer to DCS041 Cavity range for suitable wall bracket

Architectural
PANEL SOLUTIONS

ARCHITECTURAL PANEL SOLUTIONS LIMITED
Unit 5, Wainwright Close, Churchfields Industrial Estate,
St Leonards-on-Sea, TN38 0LP
T: 01424 852641 F: 01424 852797
claddings@architecturalpanelsolutions.com
www.architecturalpanelsolutions.com

Drawing Title:

DCS041 - FACE FIX TYPICAL DETAILS
GENERIC WINDOW HEAD DETAILS

Drawing Ref:

DCS041-F11

Scale:

NTS
@ A4

System:

DCS041

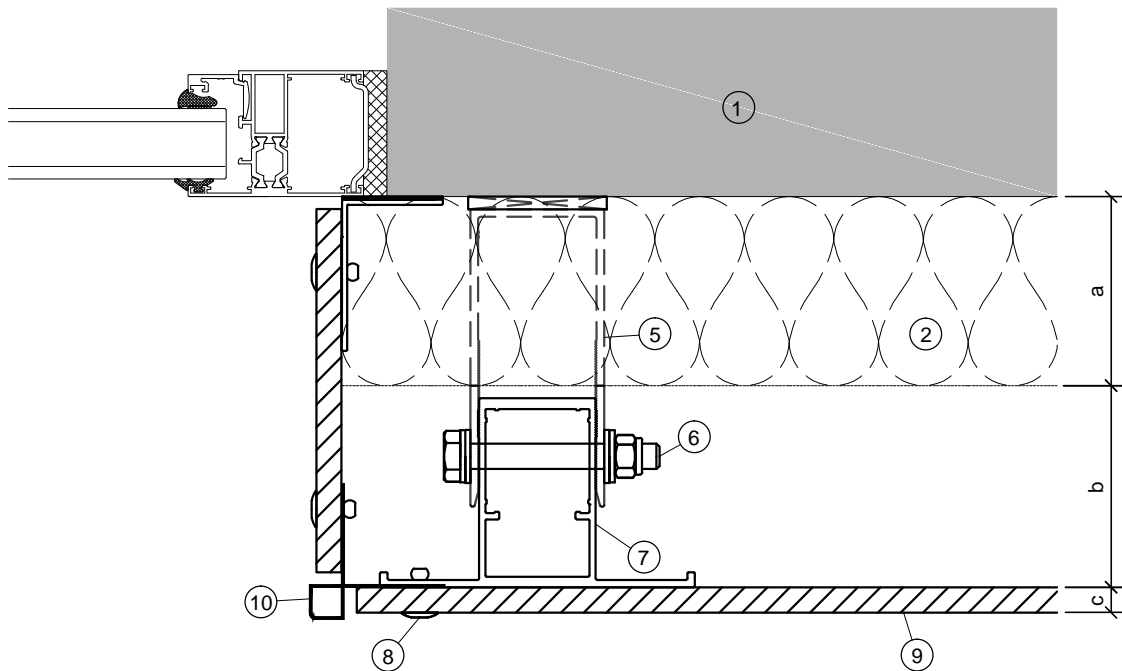
Date:

March 21

Drawn: J.B

Rev.	/ /	
------	-----	--

These drawings are indicative only, for use as a guide. The customer is always responsible for any specific design, structural calculations and calculating exact sizes of rails, sizes & quantities of panels. Any project details and calculations supplied by Architectural Panel Solutions are provided in good faith and should always be checked and approved by the project engineer responsible. Architectural Panel Solutions will not accept any liability should the system be designed / installed incorrectly.



Items	
1	Air-tight infill wall (By Others)
2	Insulation (By Others)
5	DCS041 Wall Bracket*
6	Bolt Set HBS10075A2 (Ø10 x 75mm)
7	DCS041 'T-Box' Vertical Rail
8	Colour Rivets to match panels *
9	Cladding panel
10	External corner profile *
*Please refer to APS Downer Rainscreen Framing brochure	

Dimensions	
a	Insulation thickness (varies)
b	Ventilation - Please refer to board manufacturer / local regulations recommendations
c	Panel nominal thickness
a+b	Wall cavity - Please refer to DCS041 Cavity range for suitable wall bracket

Architectural
PANEL SOLUTIONS

ARCHITECTURAL PANEL SOLUTIONS LIMITED
Unit 5, Wainwright Close, Churchfields Industrial Estate,
St Leonards-on-Sea, TN38 0LP
T: 01424 852641 F: 01424 852797
claddings@architecturalpanelsolutions.com
www.architecturalpanelsolutions.com

Drawing Title:

DCS041 - FACE FIX TYPICAL DETAILS
WINDOW JAMB DETAIL

Drawing Ref:

DCS041-F12

Scale:

NTS
@ A4

System:

DCS041

Date:

March 21

Drawn:

J.B

Rev.	/ /		
------	-----	--	--