

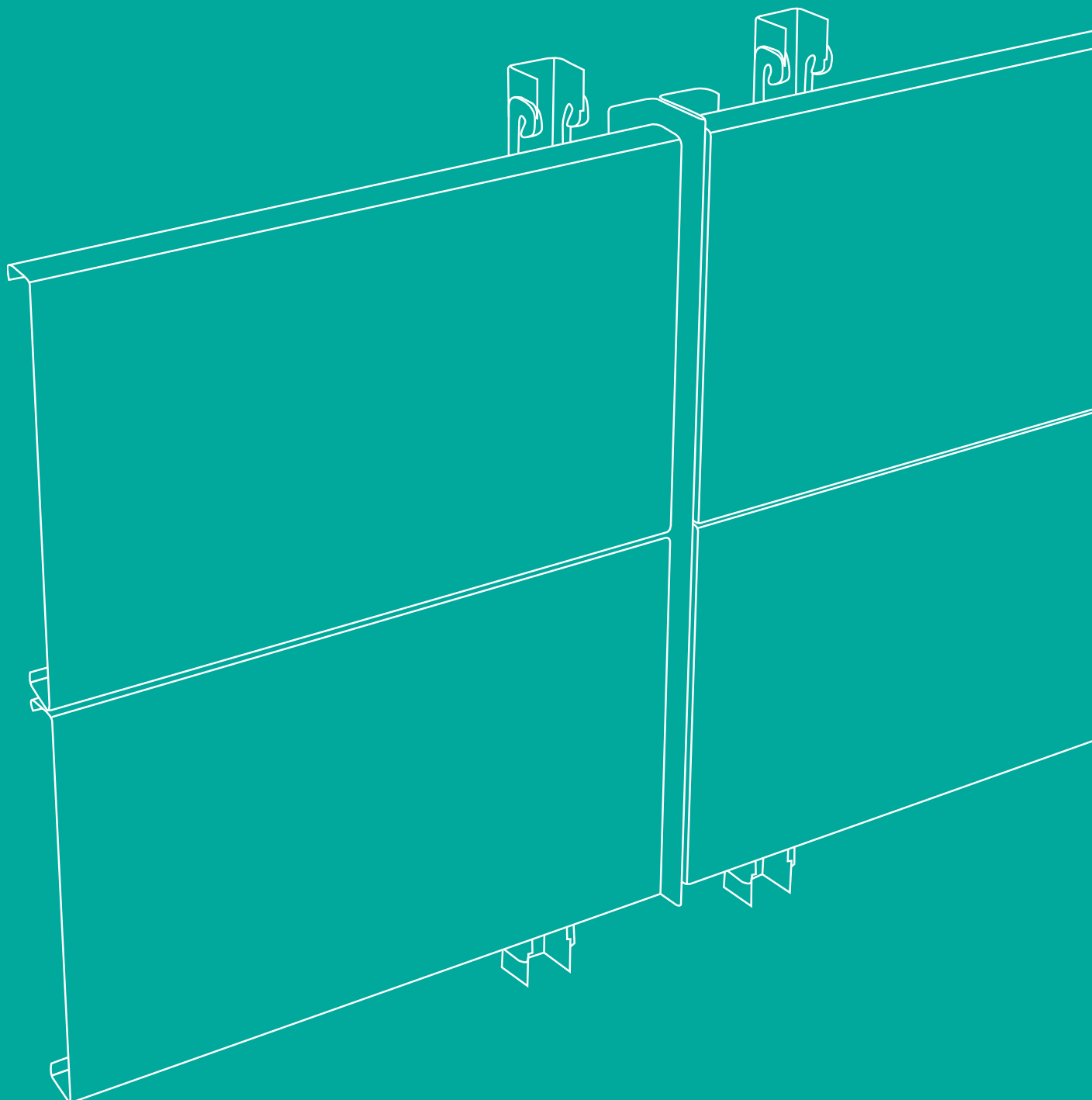
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# Kalzip® FC facade details

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Construction suggestions –  
modular click rail SE for horizontal installation

Date 07/2011



# FC façade system – Technical drawings

For better planning you will find on the following pages various possibilities for implementing the sub-construction and construction details, taking **sub-construction 5** and **design variant A** as an example. Further construction details are available for download from [www.kalzip.com](http://www.kalzip.com).

## Construction example Detail No. 5-A 106

Detail No. 5-A 106

- 3-D view of the detail
- Position of the detail on the building
- Position of the detail (enlarged view)
- Cross-section of the detail in the form of a technical drawing (see 'Description of structural elements used', right)
- Detail description (101 to 110)
- Cross-section of the technical drawing (horizontal or vertical)
- Scale of the technical drawing
- Complete detail number (see composition of the detail number)

### Composition of the Detail No.

Substructure **5** + Design option **A** + Detail **106** = Detail No. **5-A 106**

## Description of structural elements used (technical drawings)

Number	Description	Number	Description
A 1	FC panel	C 1	Vertical joint flashing
A 2	Transition sheet	C 2	External corner flashing
A 3	External corner	C 3	Internal corner flashing
A 4	Internal corner	C 4	Folded jamb flashing
A 5	Perforated panel	C 5	Window head flashing
A 6	FC panel curved	C 6	Window sill flashing
A 7	Mono click bracket	C 7	F-profile
A 8	Modular click rail NE (non structural effective)	C 8	Perforated flashing
A 9	Modular click rail SE (structural effective)	C 9	Base flashing
A 10	Modular click rail SEL 40 (SE with L-subconstruction)	C 10	Cover flashing
A 11	Modular click rail SEL 100	C 11	Flashing miscellaneous
A 12	Guidance snapper	D 1	Cleat
A 13	Fixing point clamp	D 2	Support profile
A 14	Flashing support	D 3	Support bracket
B 1	Continuous angle	D 4	Bracket
B 2	T-profile	D 5	Z-profile
B 3	L-Bracket	D 6	Top hat section
B 4	U-Bracket	<b>A =</b>	<b>Kalzip FC system</b>
B 5	Thermal barrier pad	<b>B =</b>	<b>Primary subconstruction</b>
B 6	Thermal insulation	<b>C =</b>	<b>Visible Flashings</b>
B 7	Brickwall/Concrete	<b>D =</b>	<b>Secondary subconstruction</b>
B 8	Structural liner tray		

# Substructures, design options, overview details and planning tips

## Substructures

1 Monoclick system on concrete/brick-/blockwork



2 Modular click rail on concrete/brick-/blockwork



3 Modular click rail SEL40 on concrete/brick-/blockwork



4 Modular click rail SE with U-bracket on concrete/brick-/blockwork



5 Modular click rail SE with 2 part adjustable horizontal sub construction on concrete/brick-/blockwork



6 Modular click rail SE on structural liner tray



## Design option

A Narrow flashing



B Wide flashing



C Without flashing

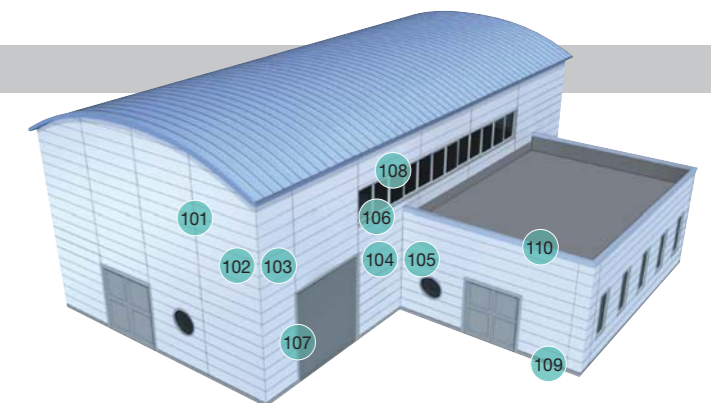


D Overlapping flashing



## Overview details

Number	Description
101	Vertical joint
102, 103	External corner 90°, acute/obtuse angle
104, 105	Internal corner 90°, acute/obtuse angle
106	Window sill
107	Window jamb
108	Window head
109	Base
110	Head

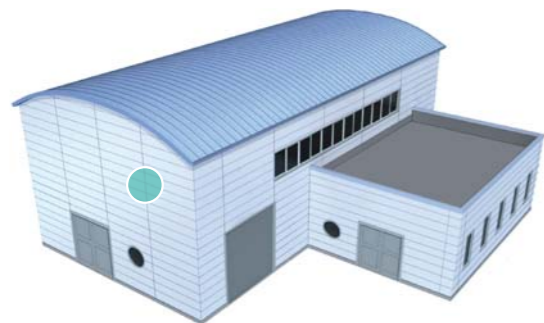
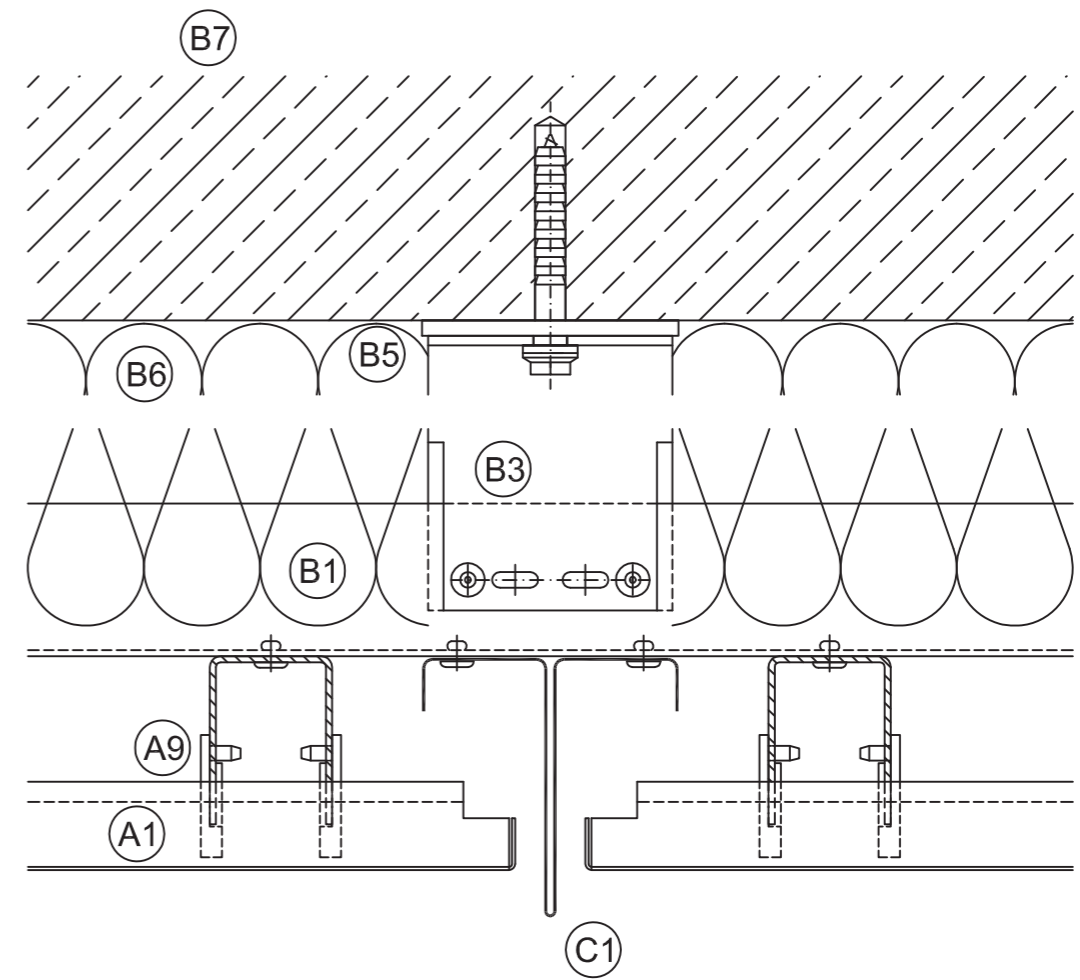
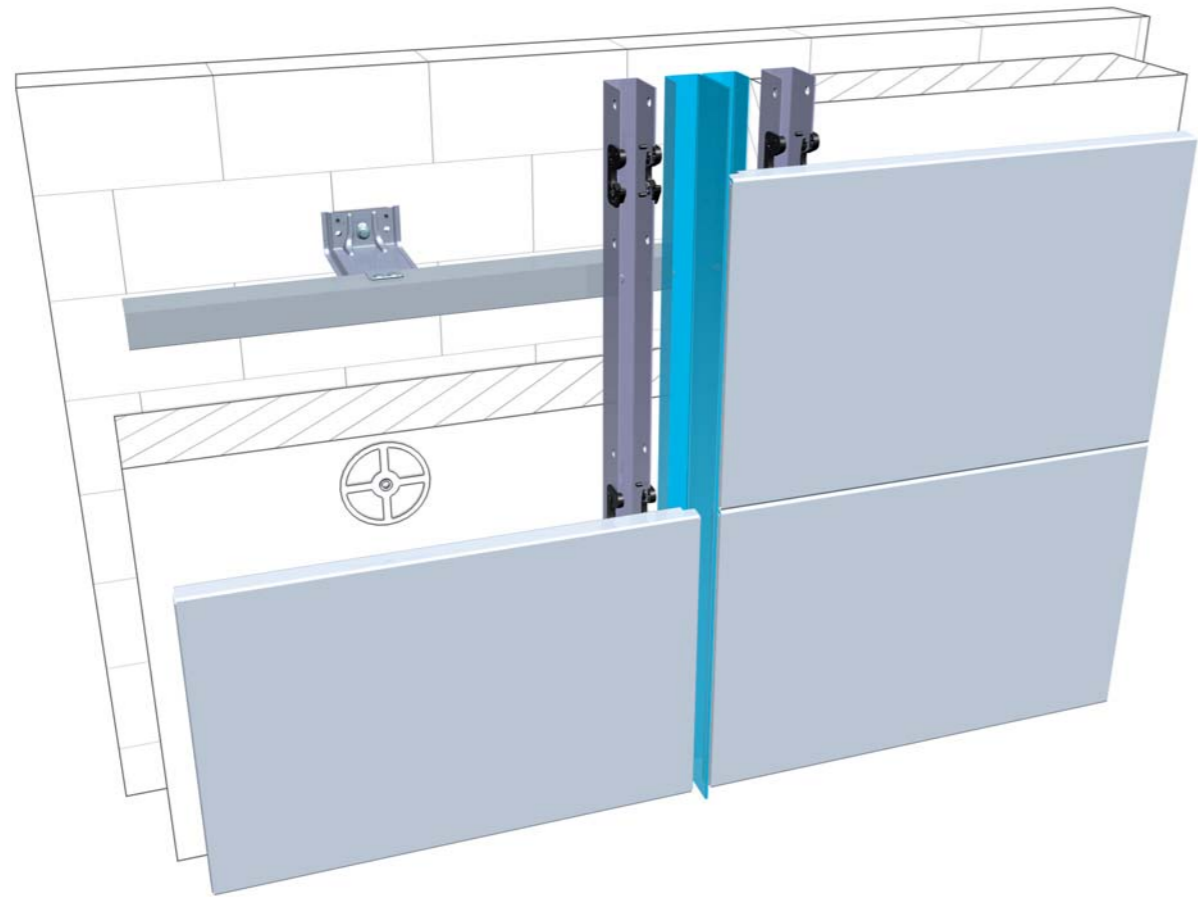


## Planning tips

Planning tips and an installation guide for the FC facade system can be found at [www.kalzip.com](http://www.kalzip.com)



# Detail 5-A 101



**Detail 101**

**Cross-section**

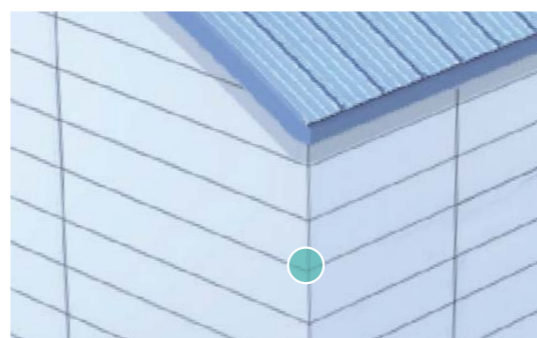
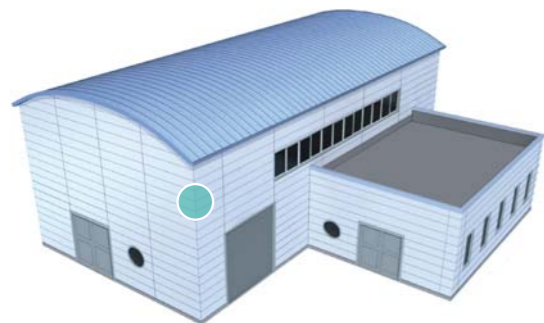
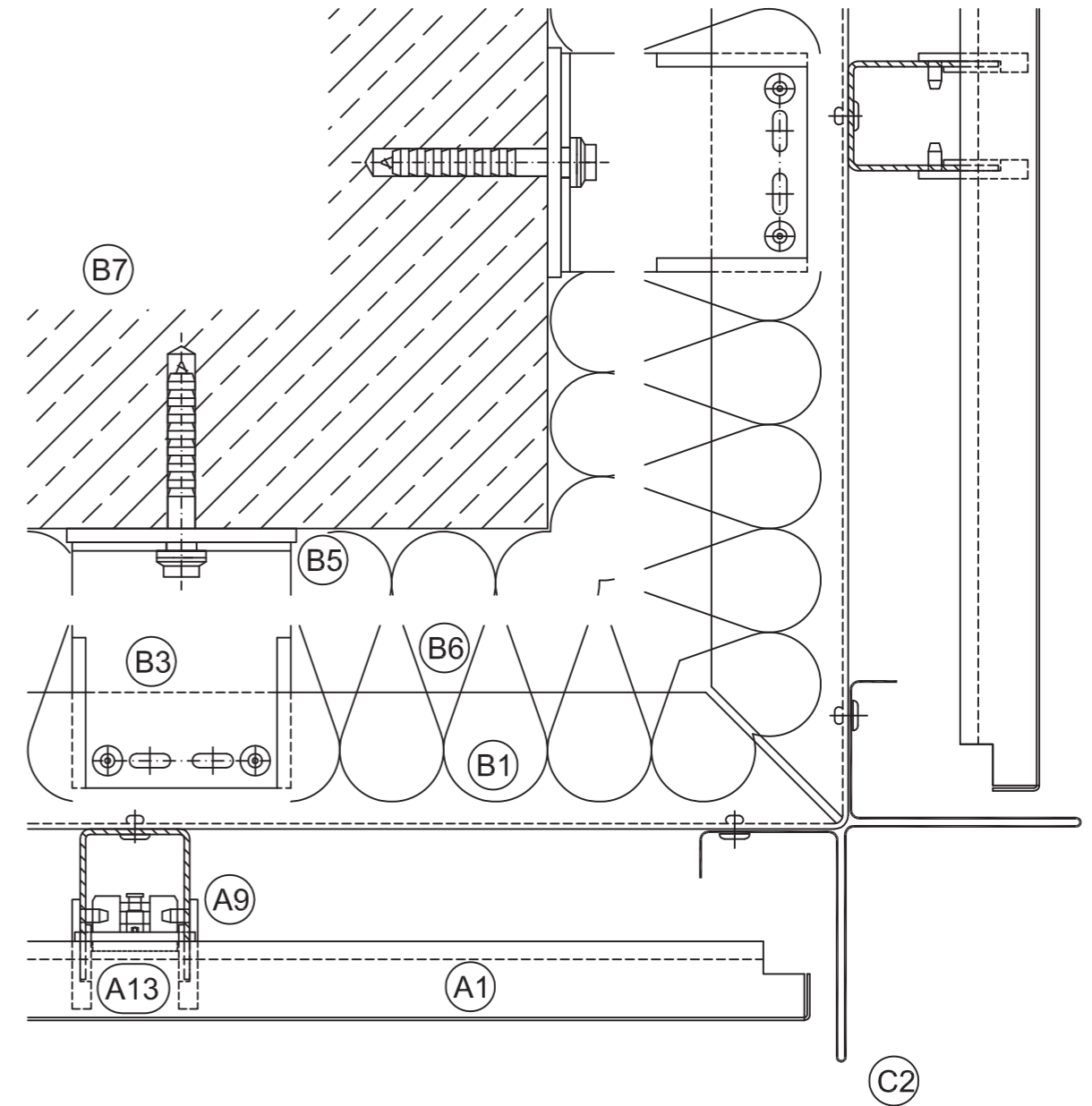
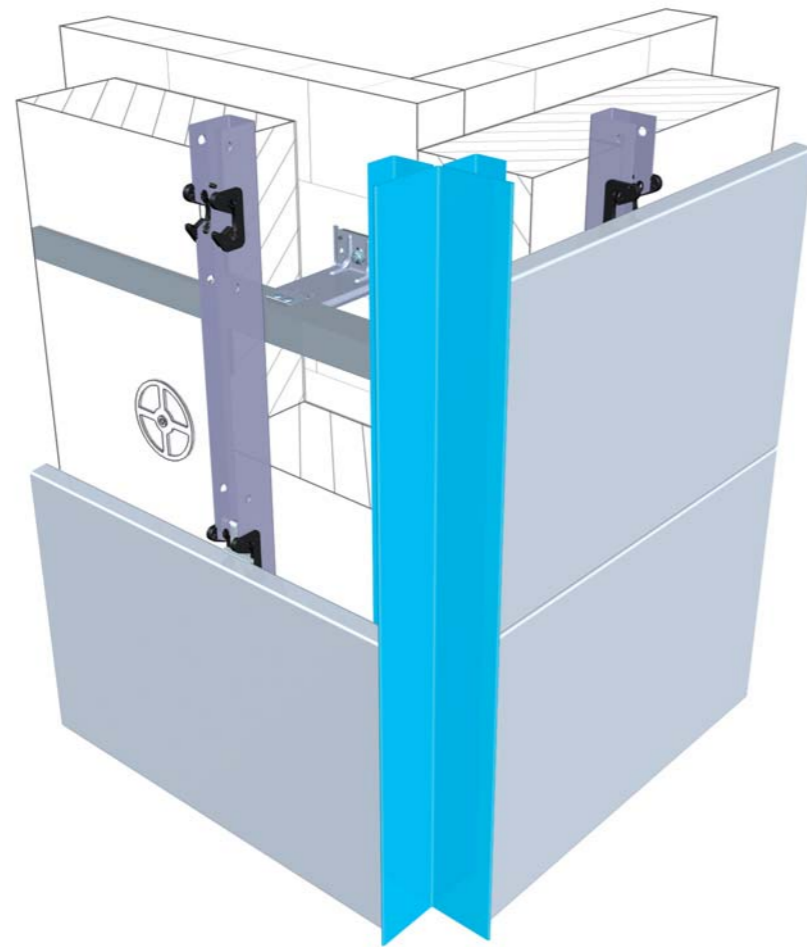
**Scale**

Vertical joint

Horizontal

1 : 2.5

# Detail 5-A 102



**Detail 102**

**Cross-section**

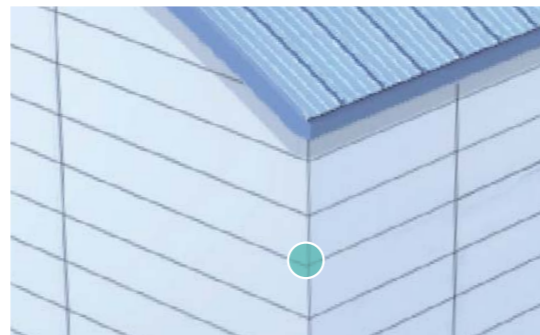
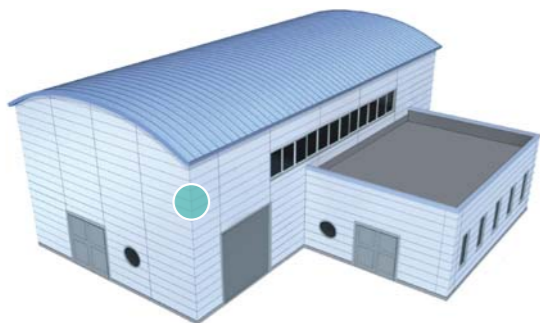
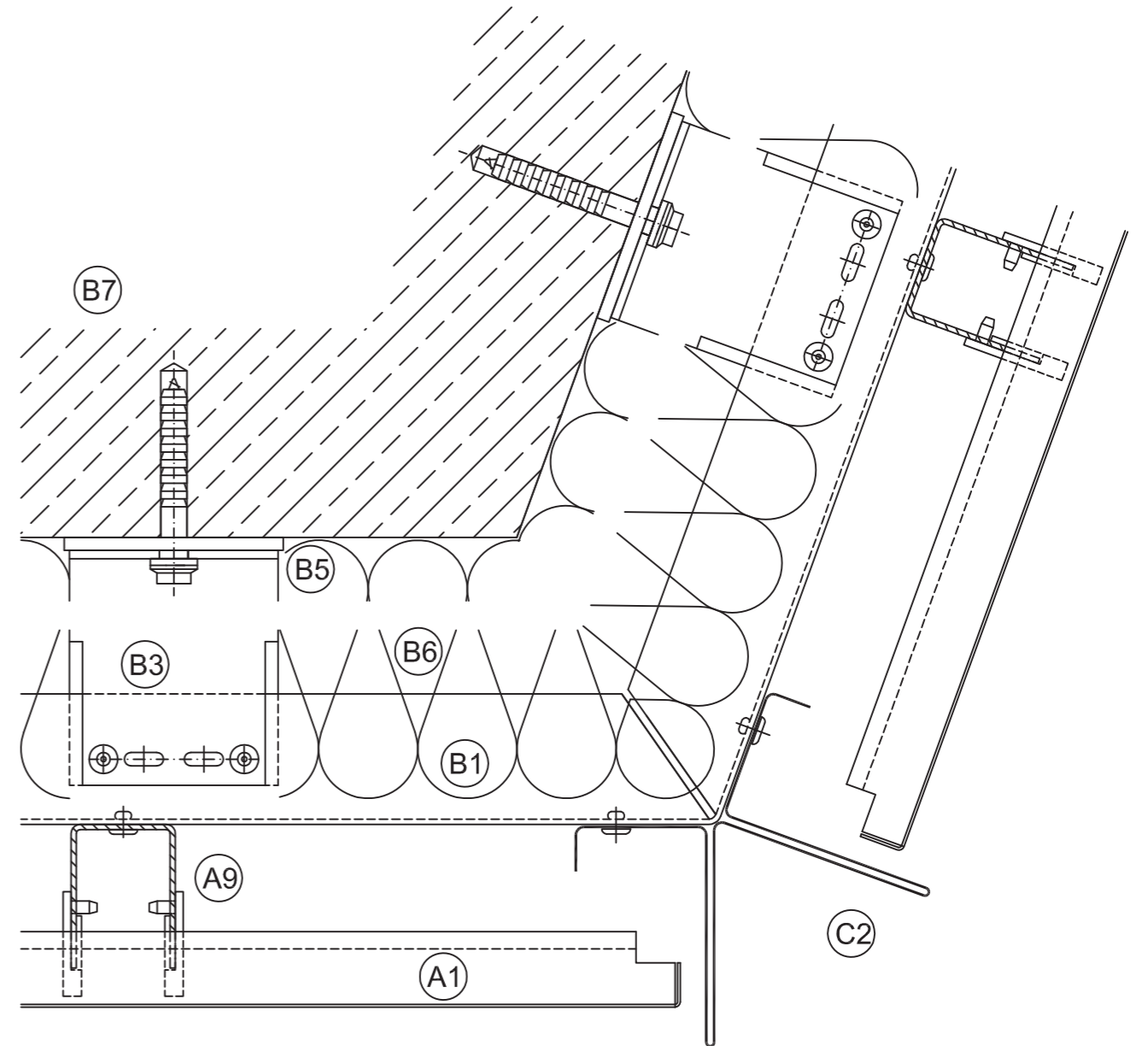
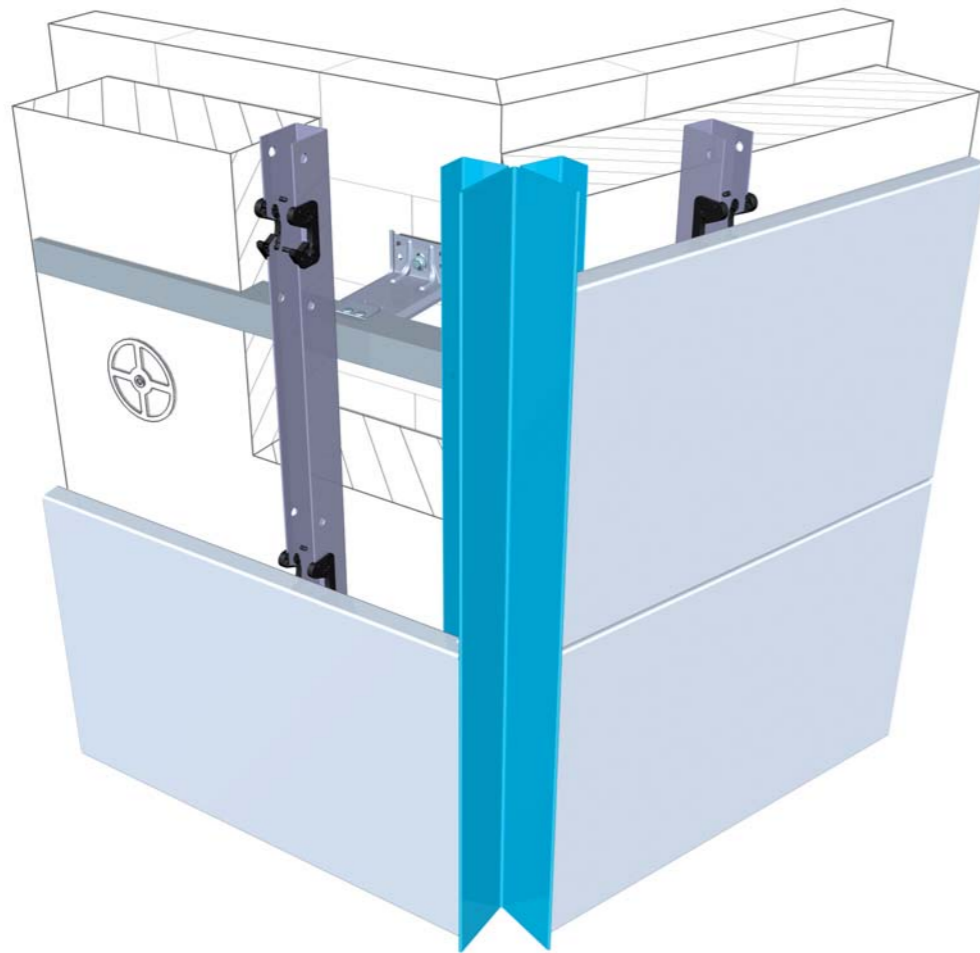
**Scale**

External corner 90°

Horizontal

1 : 2.5

# Detail 5-A 103



**Detail 103**

**Cross-section**

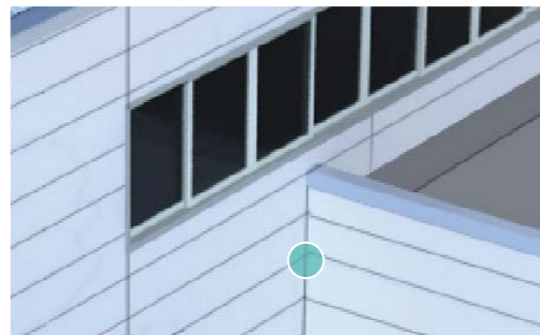
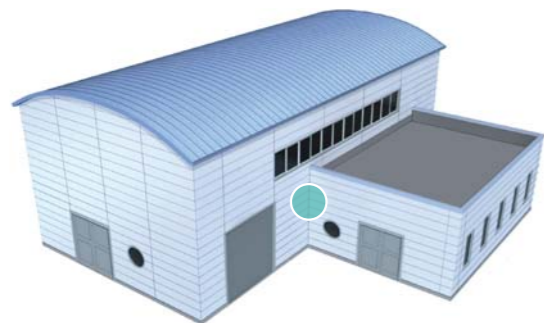
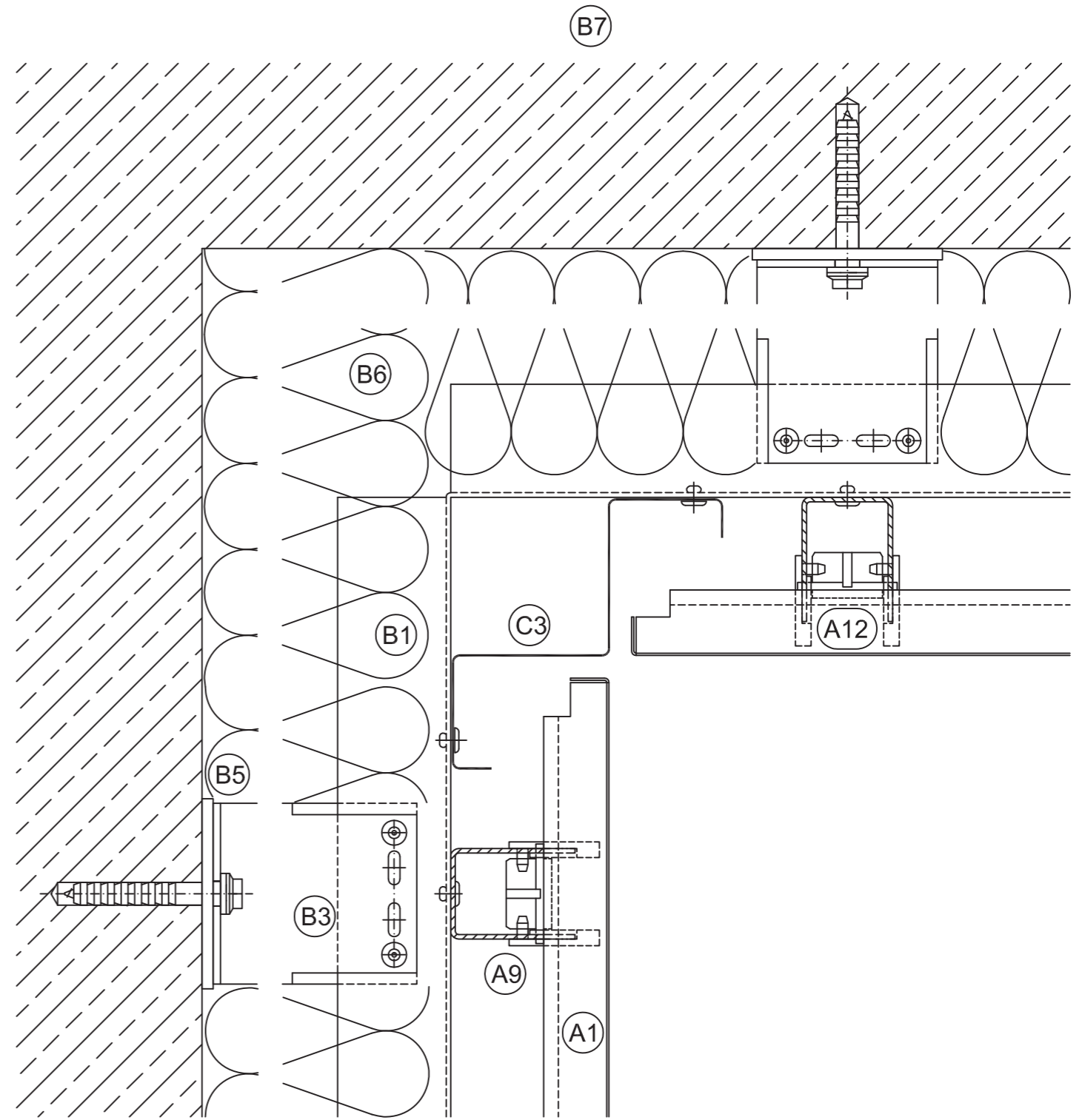
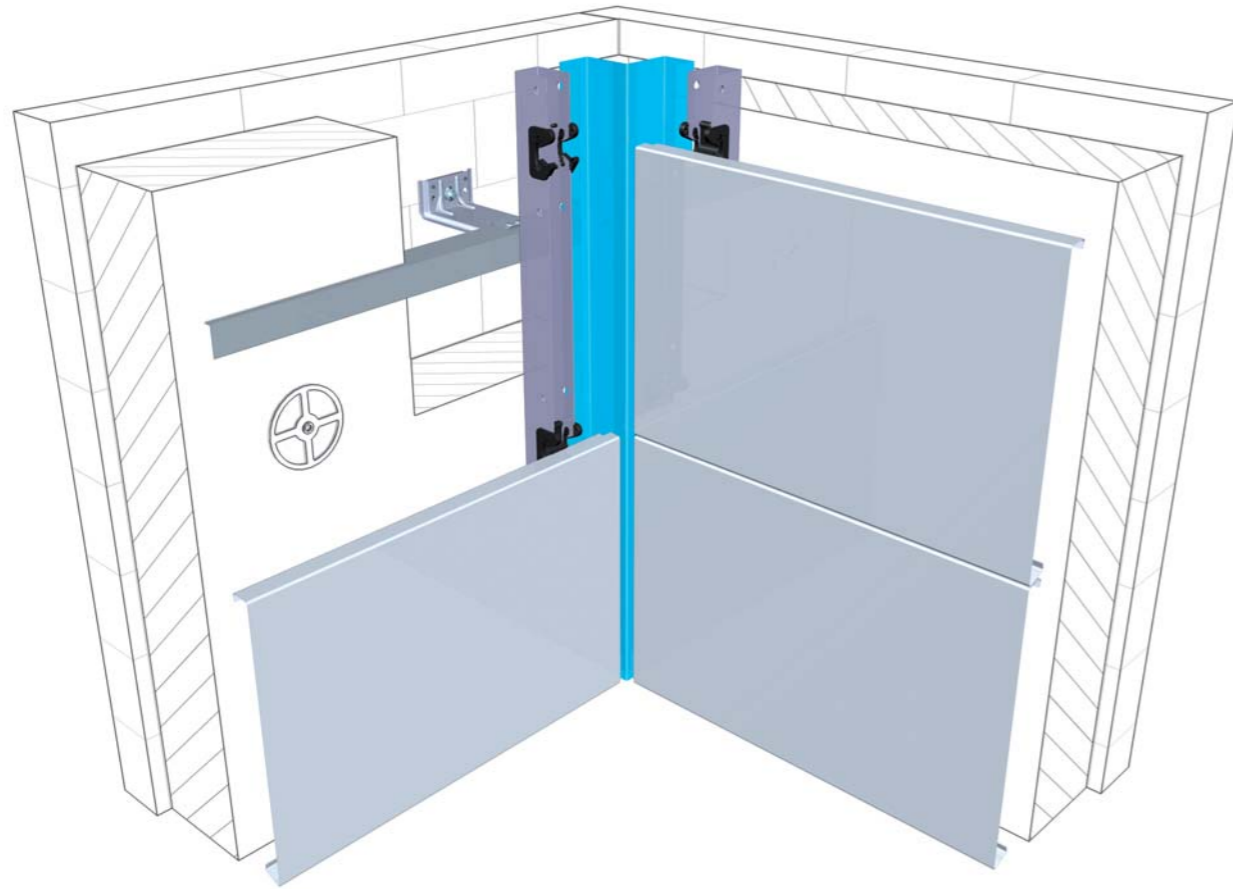
**Scale**

External corner  
(acute/obtuse angle)

Horizontal

1 : 2.5

# Detail 5-A 104



**Detail 104**

**Cross-section**

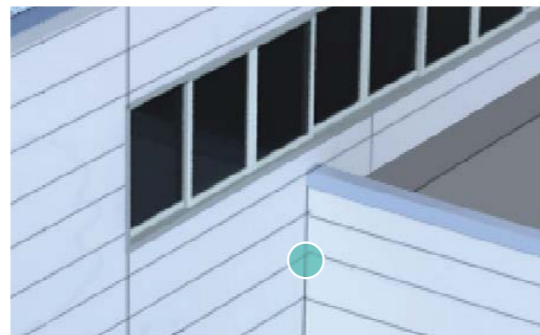
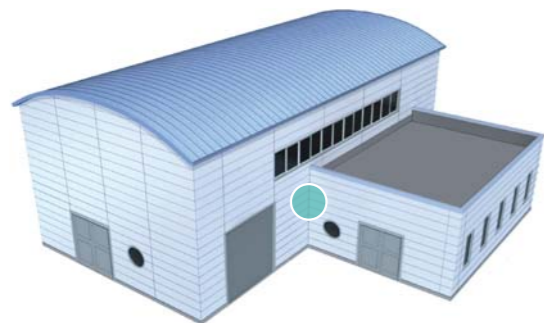
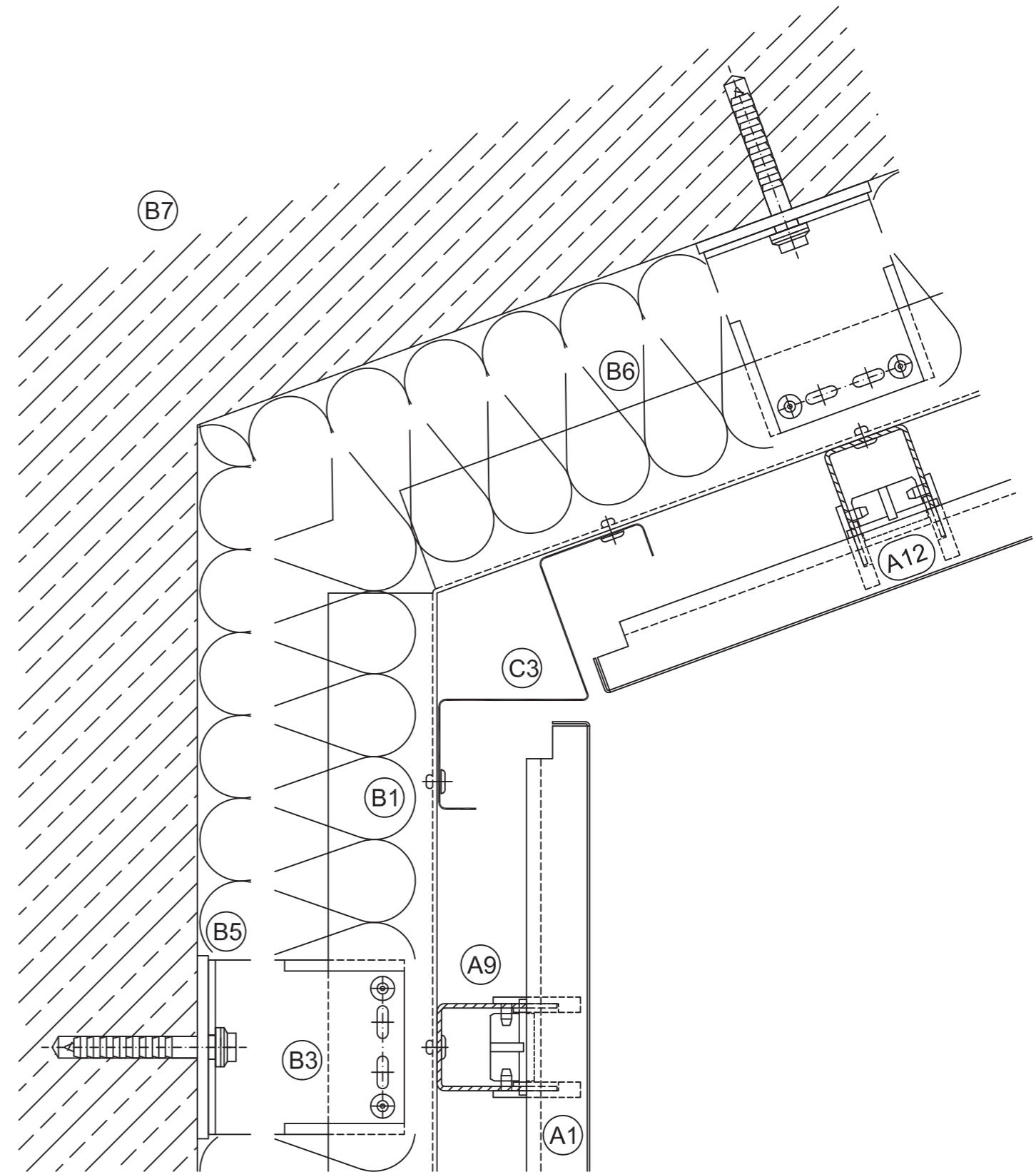
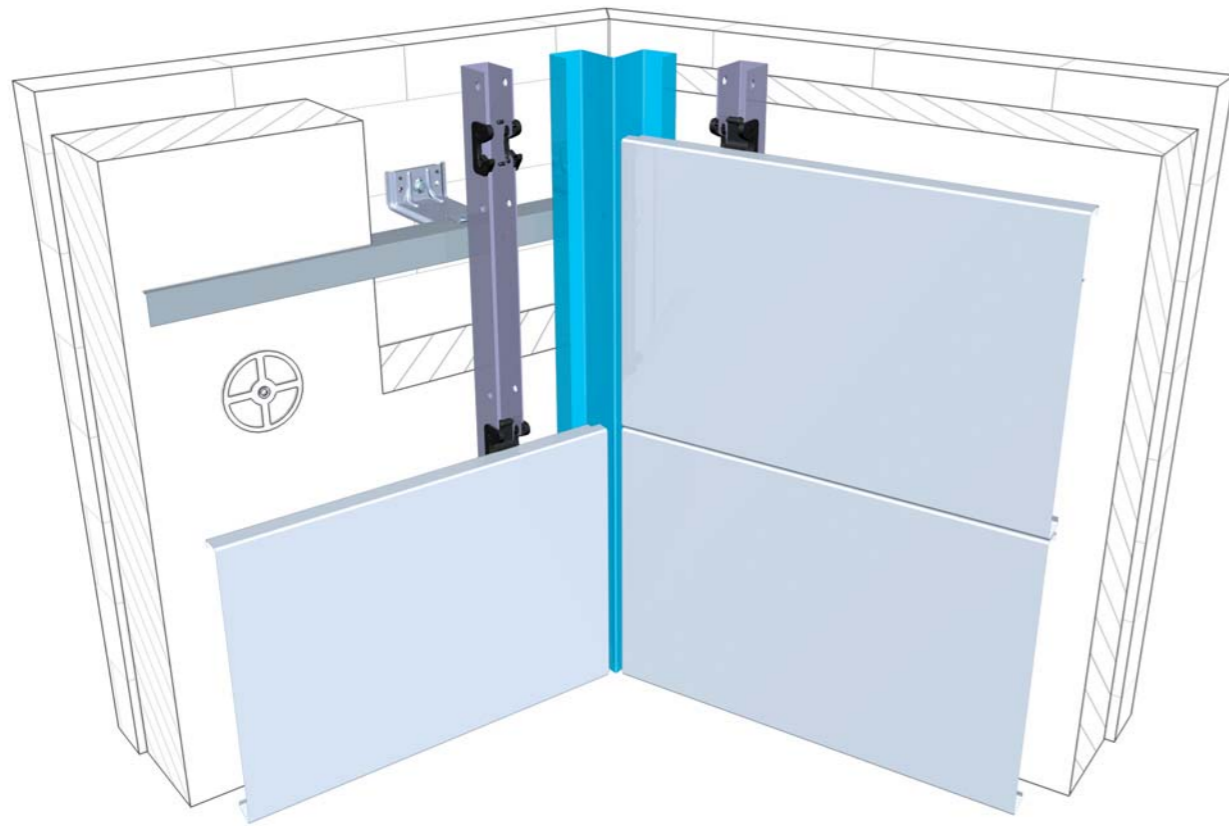
**Scale**

Internal corner 90°

Horizontal

1 : 2.5

# Detail 5-A 105



**Detail 105**

**Cross-section**

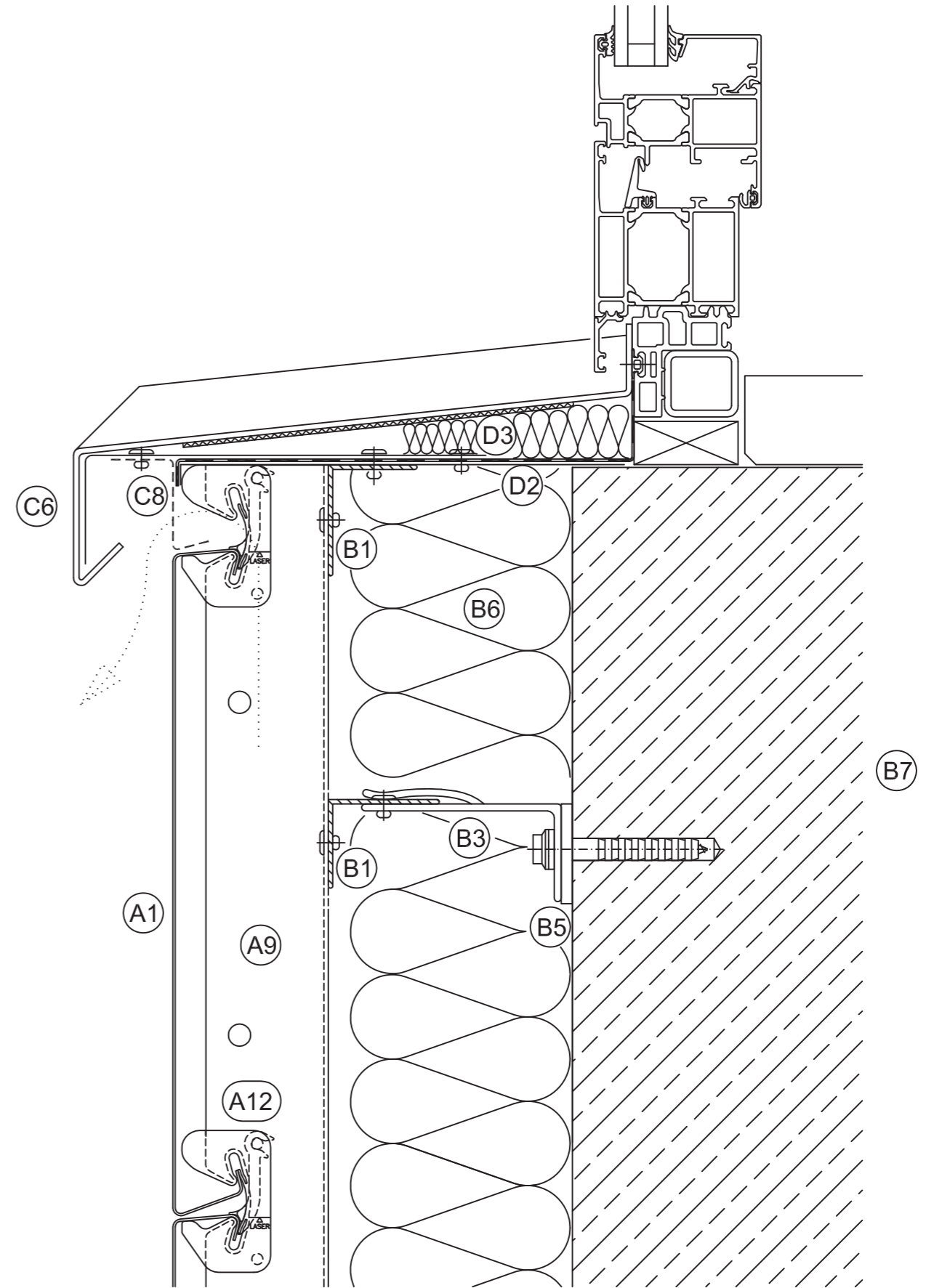
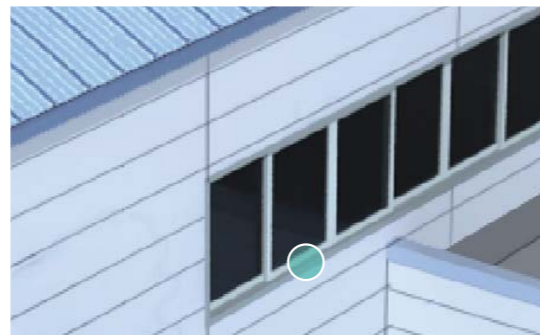
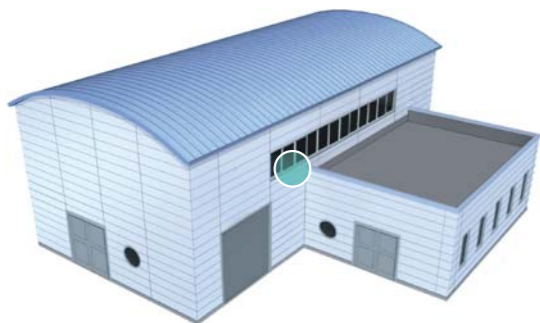
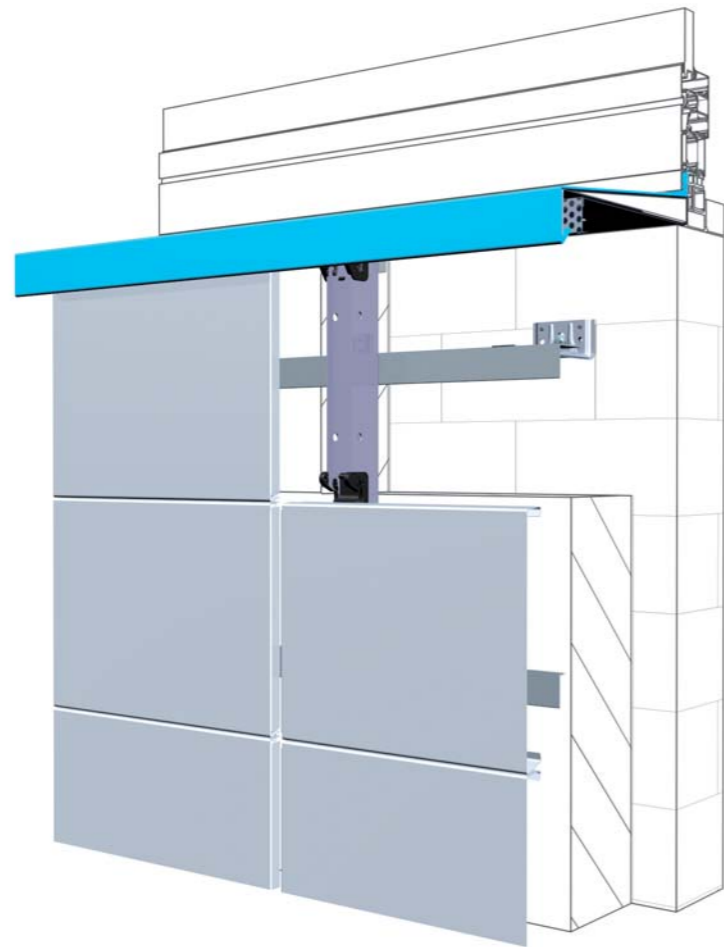
**Scale**

Internal corner  
(acute/obtuse angle)

Horizontal

1 : 2.5

# Detail 5-A 106



**Detail 106**

**Cross-section**

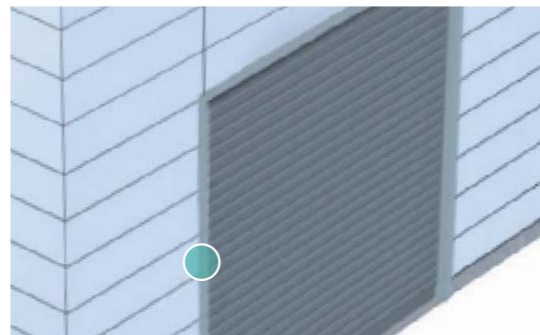
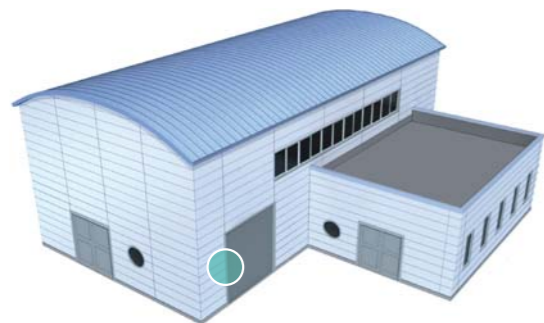
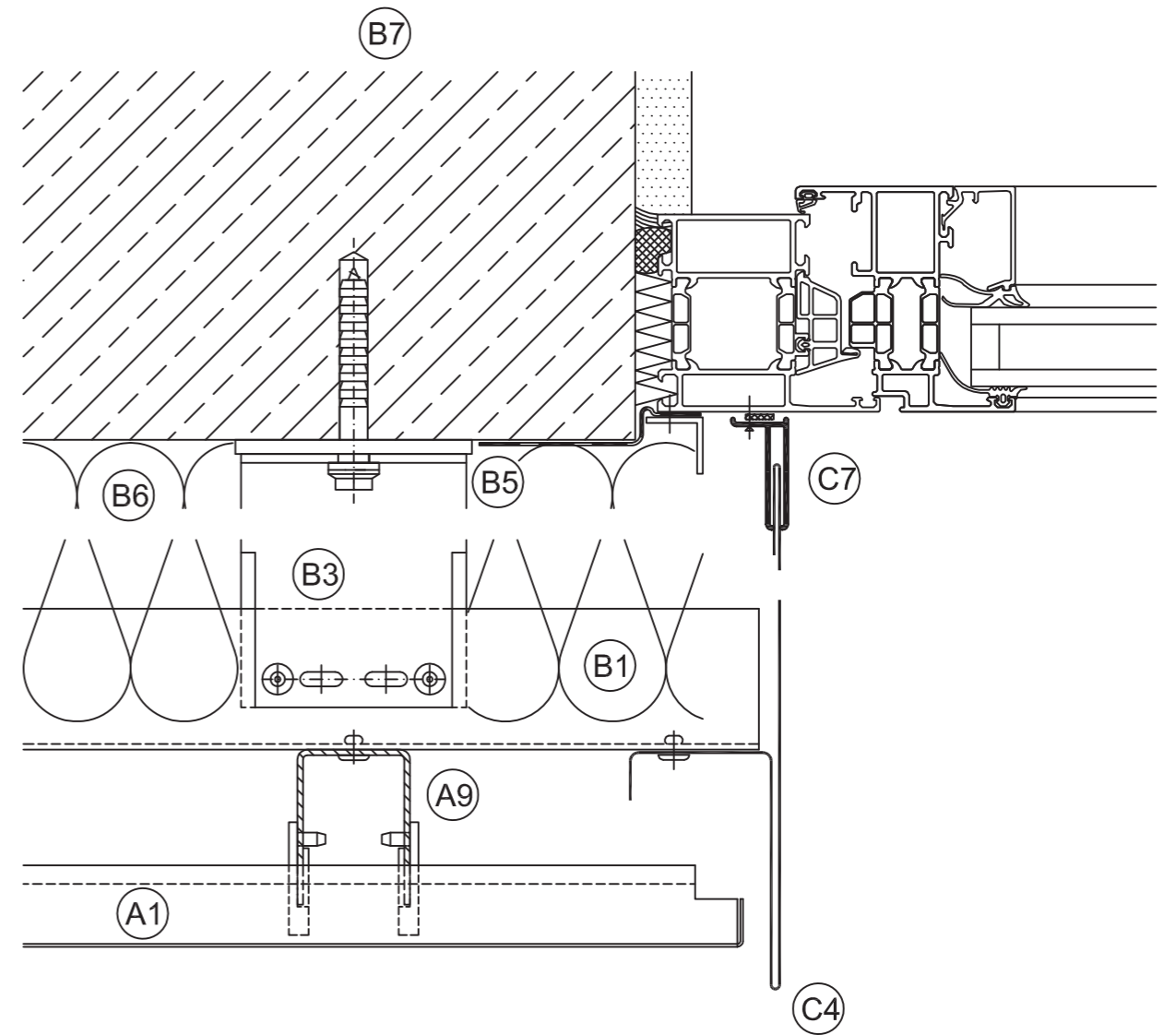
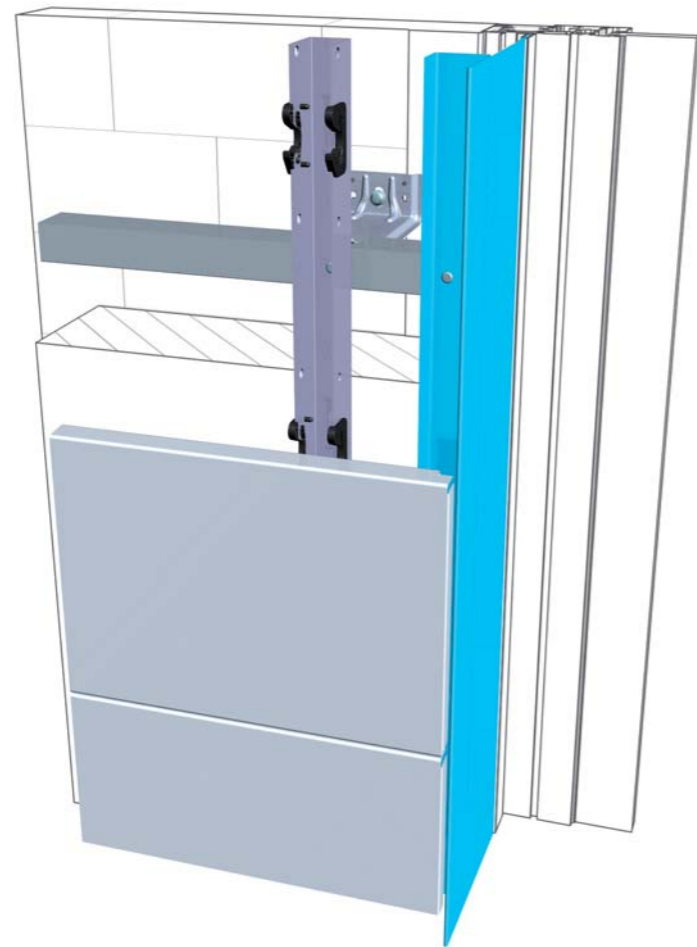
**Scale**

Window sill

Vertical

1 : 2.5

# Detail 5-A 107



**Detail 107**

**Cross-section**

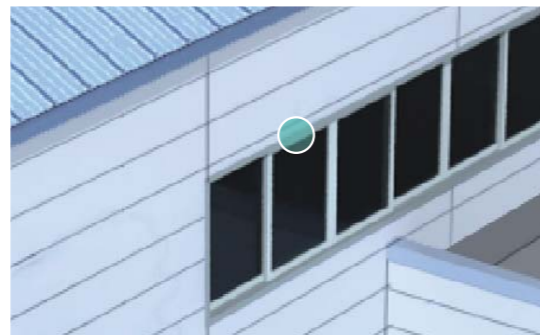
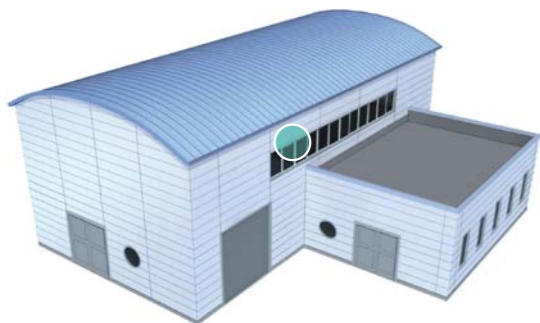
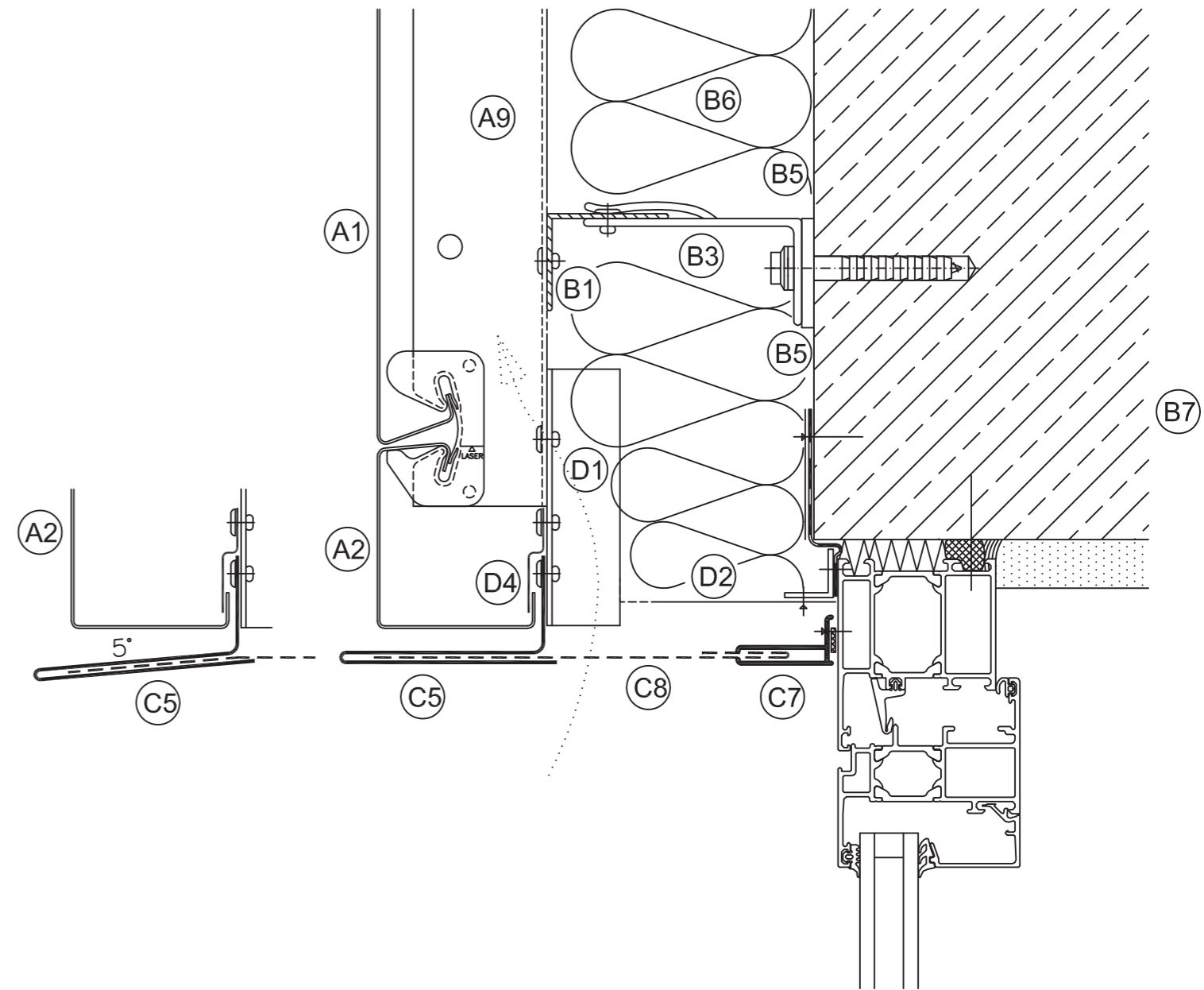
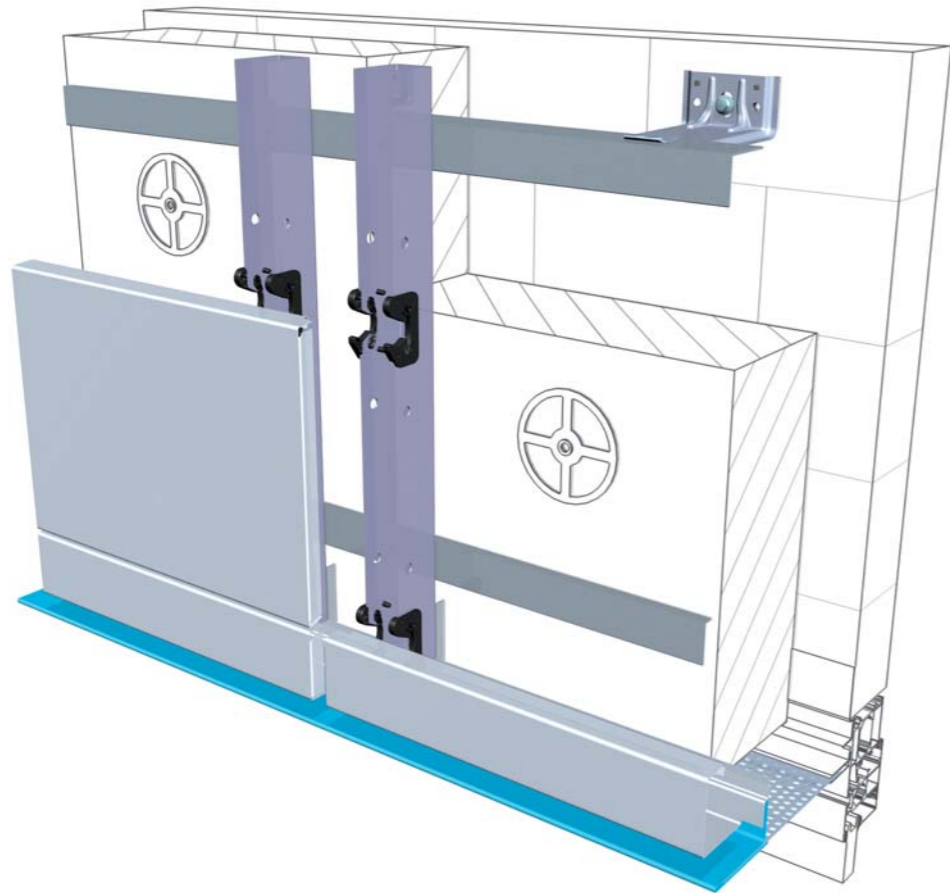
**Scale**

Window jamb

Horizontal

1 : 2.5

# Detail 5-A 108



**Detail 108**

Window head

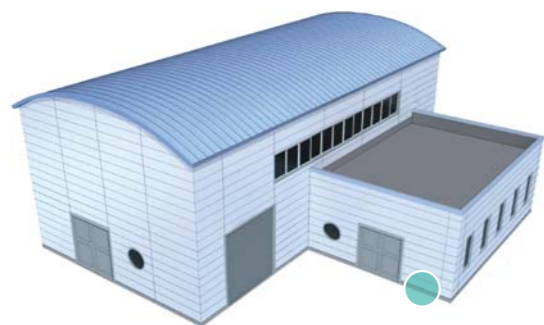
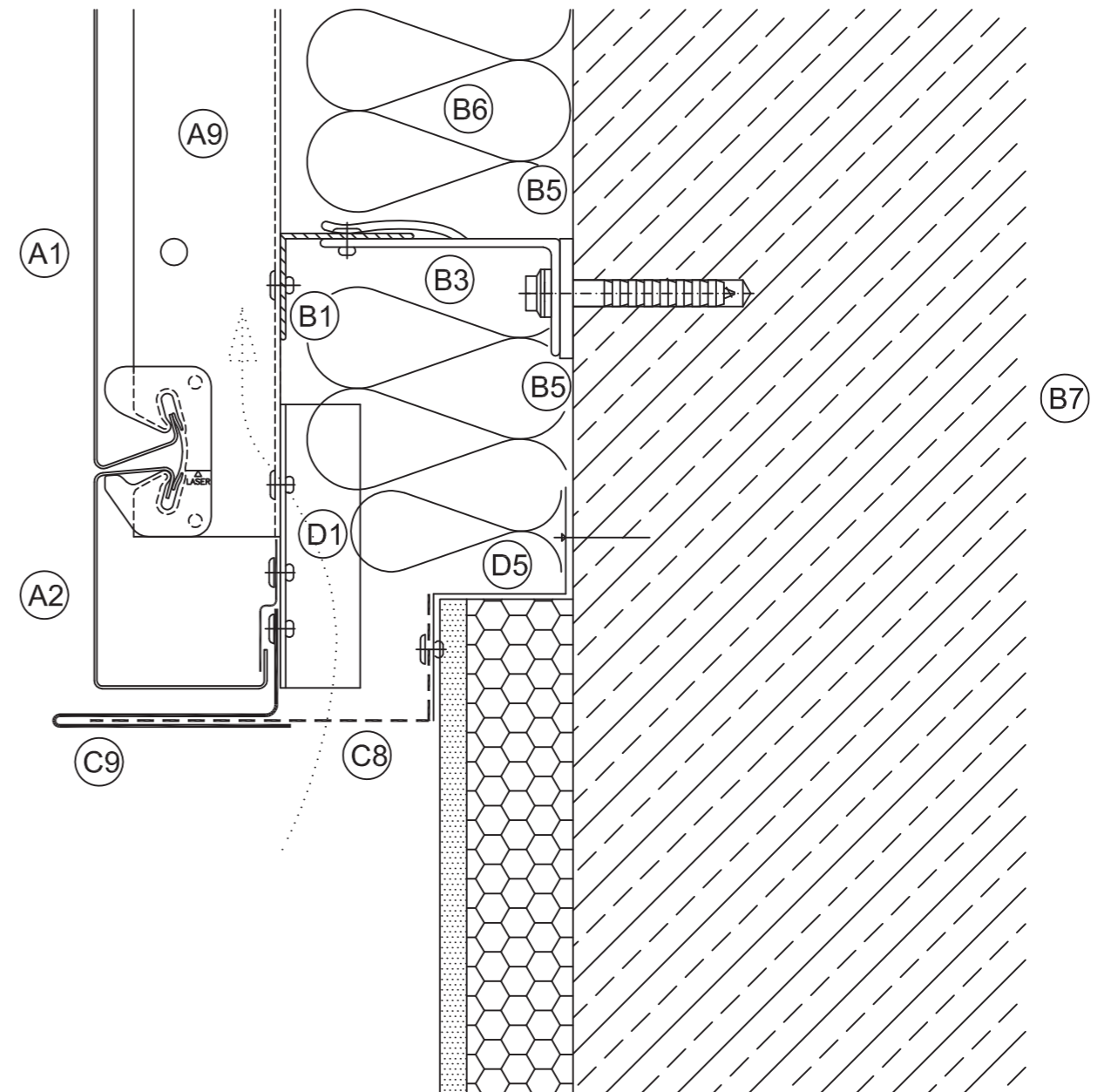
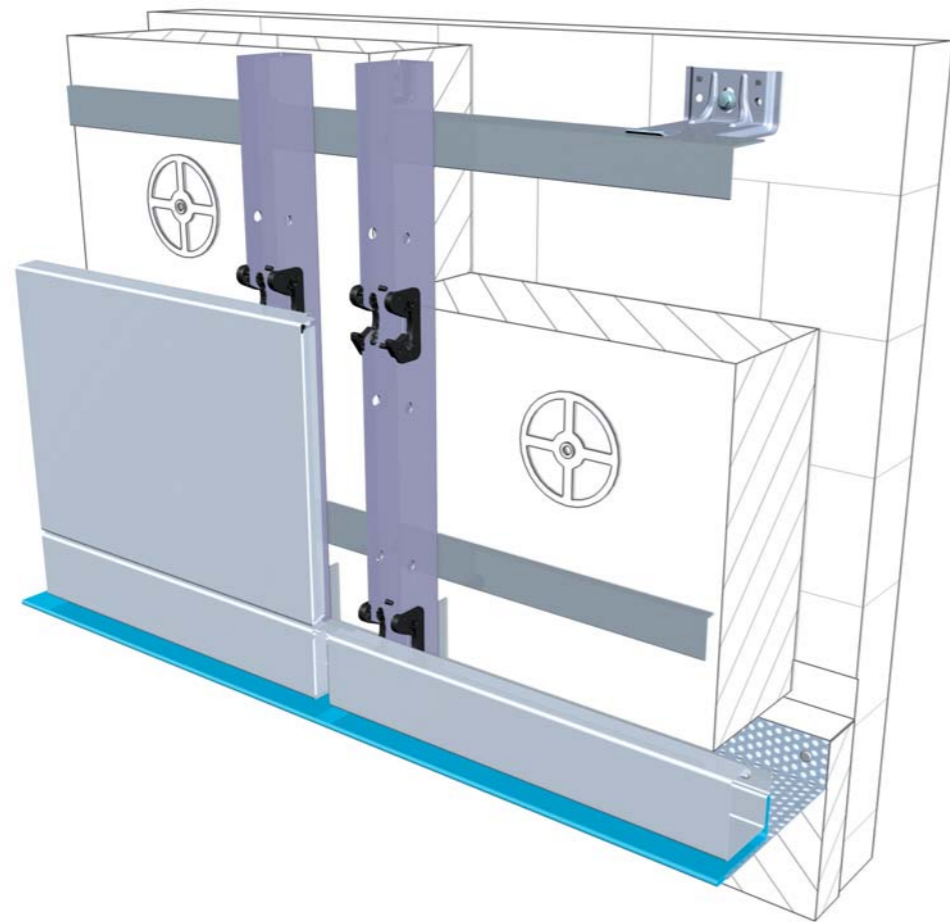
**Cross-section**

Vertical

**Scale**

1 : 2.5

# Detail 5-A 109



**Detail 109**

**Cross-section**

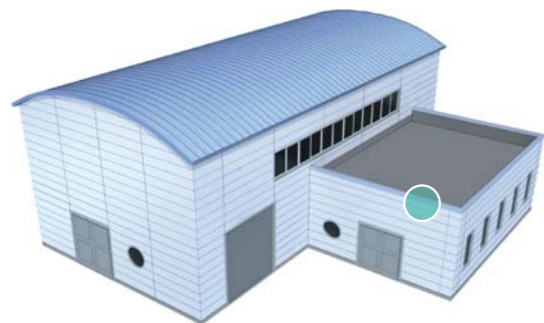
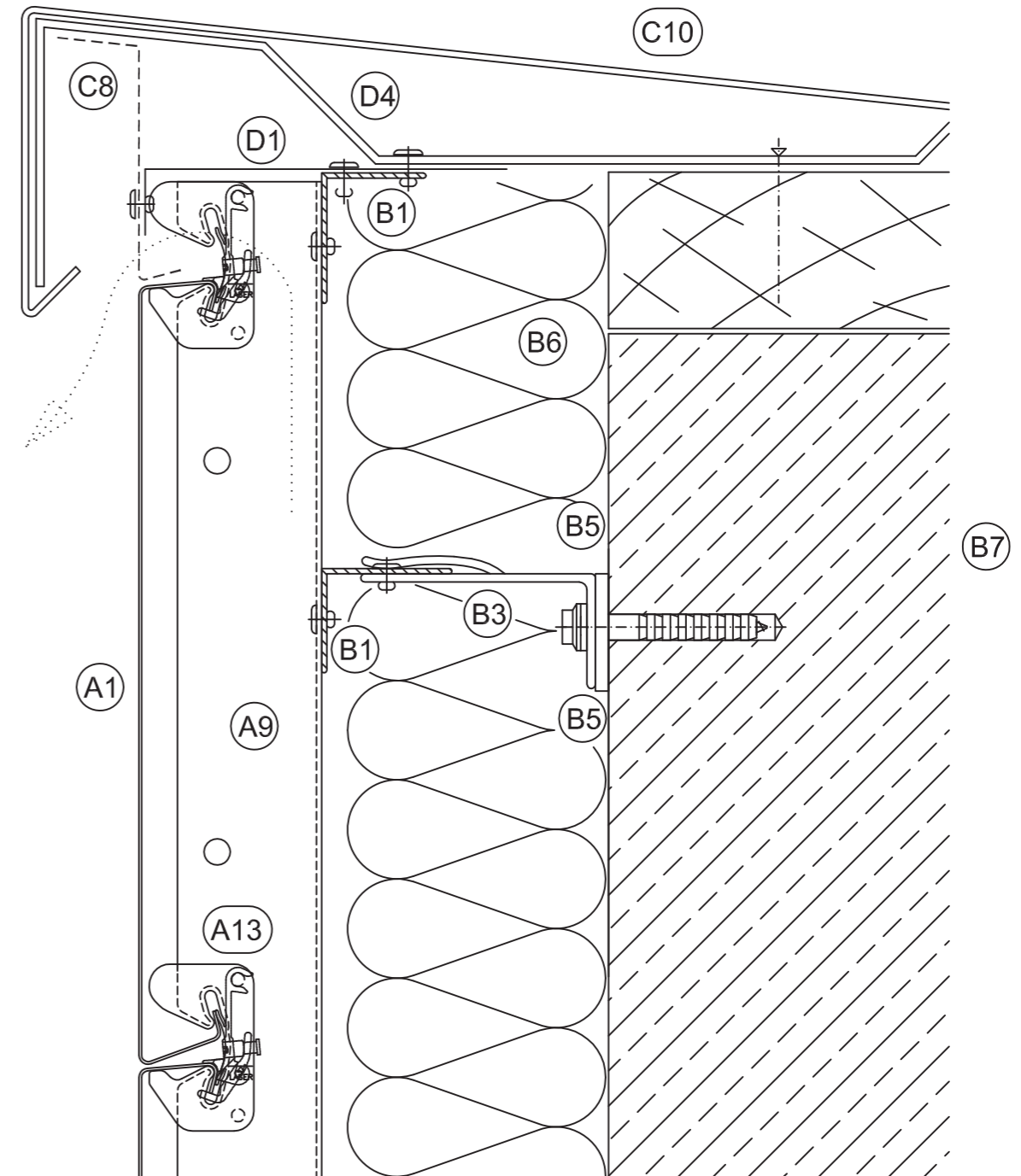
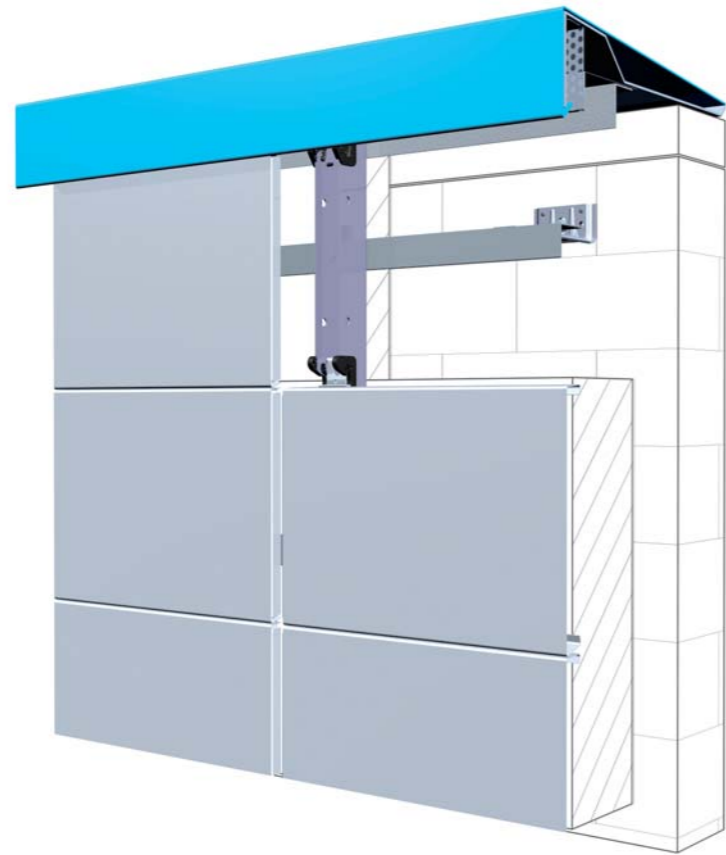
**Scale**

Base

Vertical

1 : 2.5

# Detail 5-A 110



**Detail 110**

**Cross-section**

**Scale**

Head

Vertical

1 : 2.5

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# www.kalzip.com

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