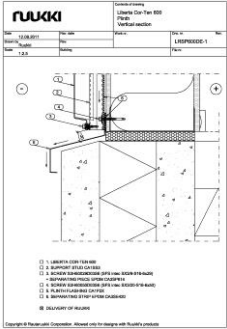


Rain Screen
Metal Panel
Wood
Glass
Stone
Green Wall Systems
Brick / CMU
GFRP
Terracotta

Rain Screen – Vertical Section

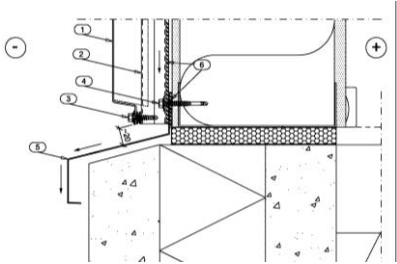


Manufacturer: Ruukki
Elevations and Wall Sections

Elevations and Wall Sections

Rain Screen – Vertical Section

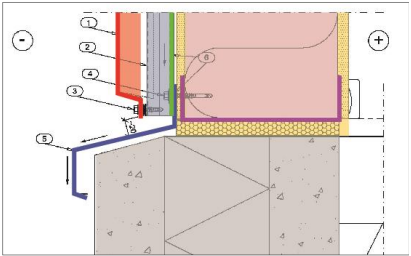
- 1 – Metal Panel
- 2 – Support Channel
- 3 – Screw
- 4 – Screw
- 5 – Flashing
- 6 – Gasket



Manufacturer: Ruukki
Elevations and Wall Sections

Rain Screen – Vertical Section

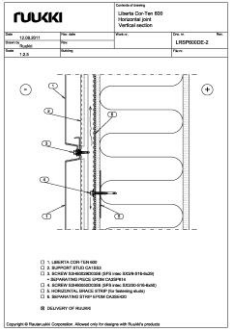
- 1 – Metal Panel
- 2 – Support Channel
- 3 – Screw
- 4 – Screw
- 5 – Flashing
- 6 – Gasket



Manufacturer: Ruukki
Elevations and Wall Sections

Rain Screen – Vertical Section

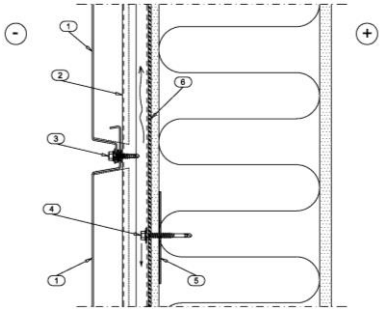
- 1 – Metal Panel
- 2 – Support Channel
- 3 – Screw
- 4 – Screw
- 5 – Bracing Strip
- 6 – Insulating Strip



Manufacturer: Ruukki
Elevations and Wall Sections

Rain Screen – Vertical Section

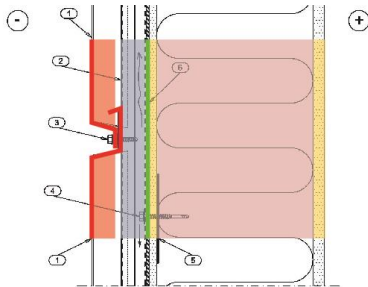
- 1 – Metal Panel
- 2 – Support Channel
- 3 – Screw
- 4 – Screw
- 5 – Bracing Strip
- 6 – Insulating Strip



Manufacturer: Ruukki
Elevations and Wall Sections

Rain Screen – Vertical Section

- 1 – Metal Panel
- 2 – Support Channel
- 3 – Screw
- 4 – Screw
- 5 – Bracing Strip
- 6 – Insulating Strip

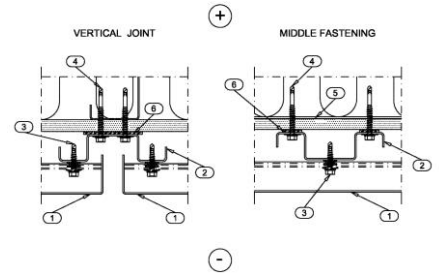


Manufacturer: Ruukki

Elevations and Wall Sections

Rain Screen – Plan

- 1 – Metal Panel
- 2 – Support Channel
- 3 – Screw
- 4 – Screw
- 5 – Bracing Strip
- 6 – Gasket

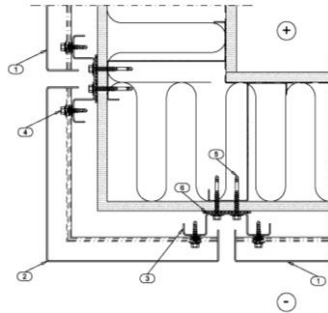


Manufacturer: Ruukki

Elevations and Wall Sections

Rain Screen – Plan

- 1 – Metal Panel
- 2 – Metal Corner Panel
- 3 – Support Channel
- 4 – Screw
- 5 – Screw
- 6 – Gasket

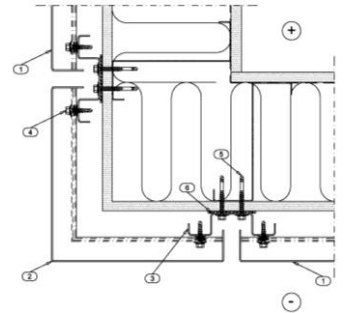


Manufacturer: Ruukki

Elevations and Wall Sections

Rain Screen – Plan

- 1 – Metal Panel
- 2 – Metal Corner Panel
- 3 – Support Channel
- 4 – Screw
- 5 – Screw
- 6 – Gasket

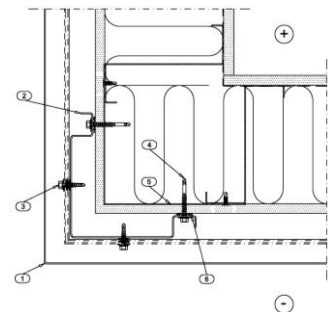


Manufacturer: Ruukki

Elevations and Wall Sections

Rain Screen – Plan

- 1 – Metal Corner Panel
- 2 – Support Channel
- 3 – Screw
- 4 – Screw
- 5 – Bracing Strip
- 6 – Gasket

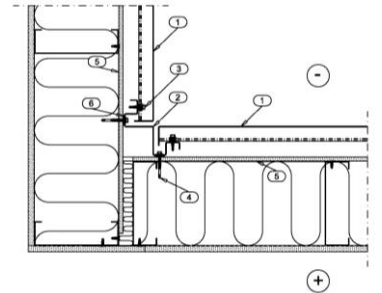


Manufacturer: Ruukki

Elevations and Wall Sections

Rain Screen – Plan

- 1 – Metal Corner Panel
- 2 – Support Channel
- 3 – Screw
- 4 – Screw
- 5 – Bracing Strip
- 6 – Gasket



Manufacturer: Ruukki

Elevations and Wall Sections

Rain Screen

- Basic Format:
- Solid wall system such as CMU, concrete, metal stud & sheathing
 - Metal Framing
 - Metal Panel
- Detail Components:
- Water proofing
 - Insulation
 - Fasteners
 - Gaskets
 - Backing strips

Manufacturer: <http://www.ruukki.com/Products-and-solutions/Building-solutions/Facade-cladding-systems>
Elevations and Wall Sections

Metal Panel - Section



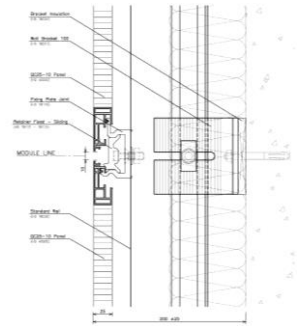
Shenzhen China
Shenzhen Haizhu Engineering Design Co.
Manufacturer: Hunter Douglas
Elevations and Wall Sections

Metal Panel - Section



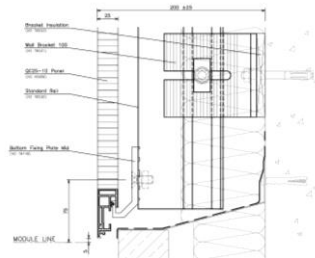
Grossroehrsdorf Germany
IPRO Dresden Planungs
Manufacturer: Hunter Douglas
Elevations and Wall Sections

Metal Panel - Section



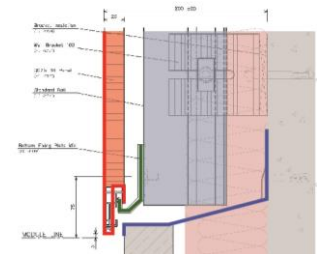
Manufacturer: Hunter Douglas
Elevations and Wall Sections

Metal Panel - Vertical Section



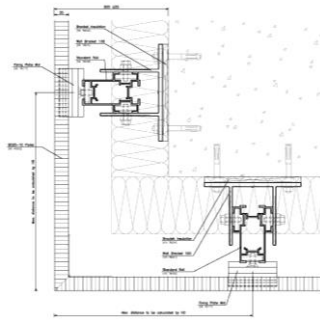
Manufacturer: Hunter Douglas
Elevations and Wall Sections

Metal Panel - Vertical Section



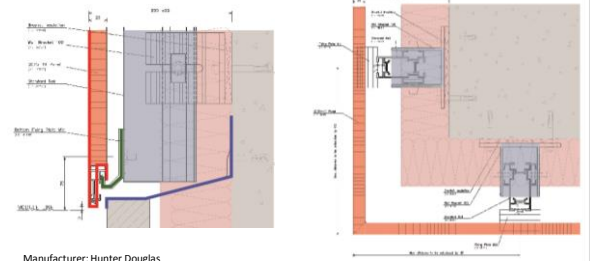
Manufacturer: Hunter Douglas
Elevations and Wall Sections

Metal Panel - Plan



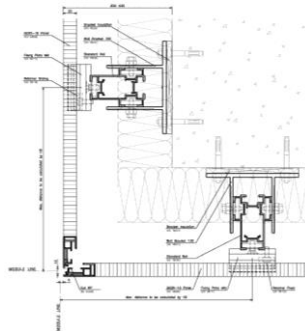
Manufacturer: Hunter Douglas
Elevations and Wall Sections

Metal Panel - Section & Plan



Manufacturer: Hunter Douglas
Elevations and Wall Sections

Metal Panel - Plan



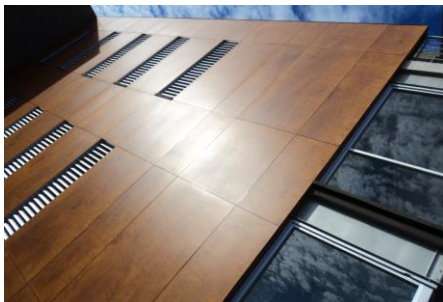
Manufacturer: Hunter Douglas
Elevations and Wall Sections

Metal Panel

- Basic Format:
- Solid wall system such as CMU, concrete, metal stud & sheathing
 - Metal Framing (that allow for adjustability)
 - Metal Panel
- Detail Components:
- Water proofing
 - Insulation
 - Fasteners (that allow for adjustability)
 - Gaskets
 - Backing strips

Manufacturer: http://www.hunterdouglascontract.com/facades/metal_facade.jsp
Elevations and Wall Sections

Wood Panel



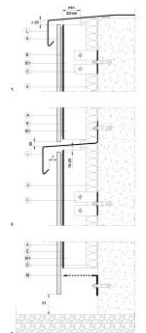
Galapagos Research Center
Elevations and Wall Sections

Wood Panel

- A. Parklex Facade panel
B1. Metal batten
B2. Special guide profile
B3. Wood batten
C. Adjusting base
D. Isolation
E. Screw
F. Adhesive
M. Perforated profile
L. Metallic plate

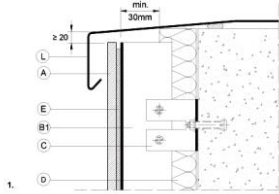


Manufacturer: Parklex
Elevations and Wall Sections



Wood Panel - Section

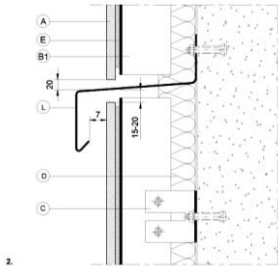
- A. Parklex Facade panel
- B1. Metal batten
- B2. Special guide profile
- B3. Wood batten
- C. Adjusting base
- D. Isolation
- E. Adhesive
- F. Screw
- M. Perforated profile
- L. Metallic plate



Manufacturer: Parklex
Elevations and Wall Sections

Wood Panel - Section

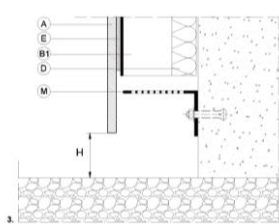
- A. Parklex Facade panel
- B1. Metal batten
- B2. Special guide profile
- B3. Wood batten
- C. Adjusting base
- D. Isolation
- E. Adhesive
- F. Screw
- M. Perforated profile
- L. Metallic plate



Manufacturer: Parklex
Elevations and Wall Sections

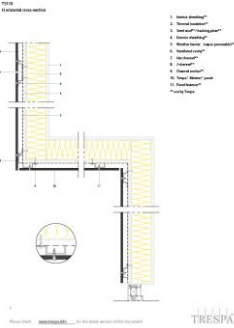
Wood Panel - Section

- A. Parklex Facade panel
- B1. Metal batten
- B2. Special guide profile
- B3. Wood batten
- C. Adjusting base
- D. Isolation
- E. Adhesive
- F. Screw
- M. Perforated profile
- L. Metallic plate



Manufacturer: Parklex
Elevations and Wall Sections

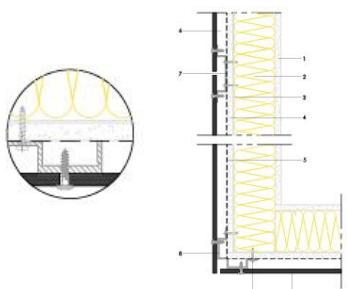
Wood Panel



Manufacturer: Trespa
Elevations and Wall Sections

Wood Panel - Plan

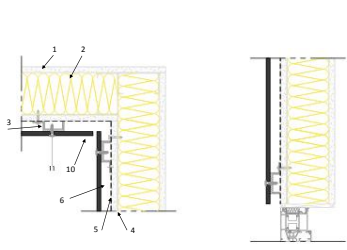
- 1. Interior sheathing**
 - 2. Thermal insulation**
 - 3. Steel stud**/ backing plate**
 - 4. Exterior sheathing**
 - 5. Weather barrier (vapor permeable)**
 - 6. Ventilated cavity**
 - 7. Hat channel**
 - 8. J-channel**
 - 9. Channel anchor**
 - 10. Trespa® Meteon® panel
 - 11. Panel fastener**
- ** not by Trespa



Manufacturer: Trespa
Elevations and Wall Sections

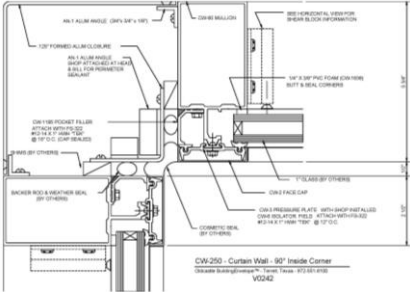
Wood Panel - Plan / Section

- 1. Interior sheathing**
 - 2. Thermal insulation**
 - 3. Steel stud**/ backing plate**
 - 4. Exterior sheathing**
 - 5. Weather barrier (vapor permeable)**
 - 6. Ventilated cavity**
 - 7. Hat channel**
 - 8. J-channel**
 - 9. Channel anchor**
 - 10. Trespa® Meteon® panel
 - 11. Panel fastener**
- ** not by Trespa



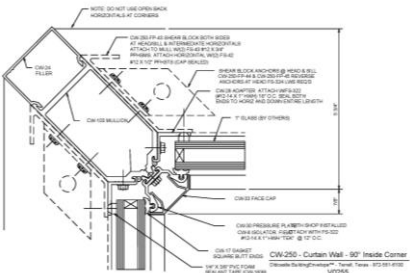
Manufacturer: Trespa
Elevations and Wall Sections

Glass - Plan



Manufacturer: Oldcastle
Elevations and Wall Sections

Glass - Plan



Manufacturer: Oldcastle
Elevations and Wall Sections

Glass - Unitized System

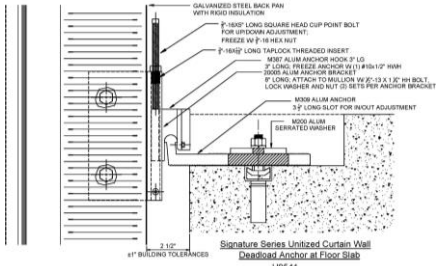


Saxo Bank Headquarters, Copenhagen
3XN



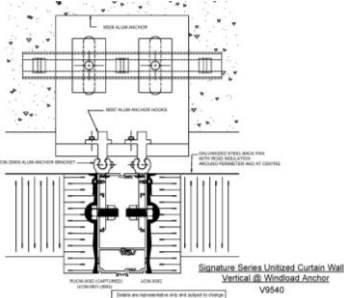
Elevations and Wall Sections

Glass - Unitized System
Section



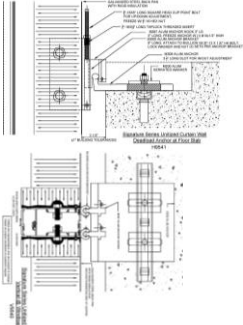
Manufacturer: Oldcastle
Elevations and Wall Sections

Glass - Unitized System
Plan



Manufacturer: Oldcastle
Elevations and Wall Sections

Glass - Unitized System



Manufacturer: Oldcastle
Elevations and Wall Sections

Stone

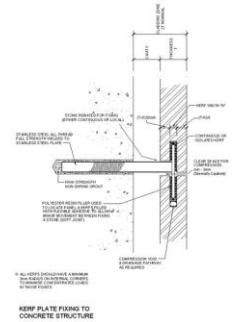
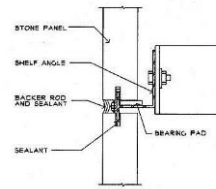


Manufacturer: http://www.h-b.com/index.php?main_page=product_info&products_id=150

Elevations and Wall Sections

Stone

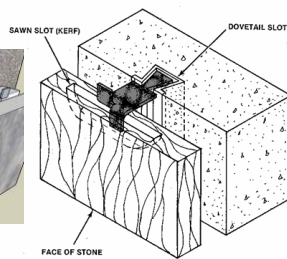
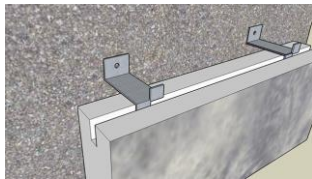
Continuous Kerf Anchor



Elevations and Wall Sections

Stone

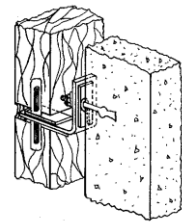
Discontinuous Kerf Anchor



Elevations and Wall Sections

Stone

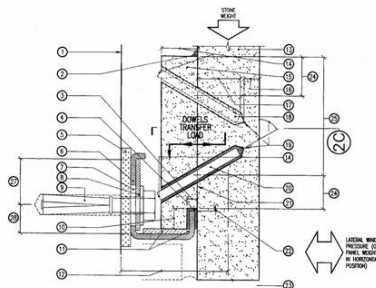
Dowel Joint



Elevations and Wall Sections

Stone

Liner Blocks



Elevations and Wall Sections

Stone

Basic Format:

- Solid wall system such as CMU, concrete, metal stud & sheathing
- Metal Clips (and Metal Framing)
- Stone Panel
- Sealant

Detail Components:

- Water proofing
- Insulation

Manufacturer:

<http://www.masonpro.com/products/residential/stone-anchoring-setting/>
<http://www.mfixings.de/en/masonry-fastenings/masonry-facade-fastenings.html>
<http://www.ancon.co.uk/products>
<http://www.melocco.com.au/html/ciadding.html>

Elevations and Wall Sections

Green Wall Systems



Murphy / John

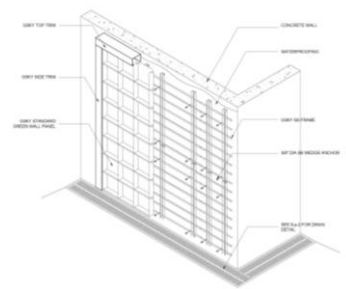
Pentominium

Manufacturer: <http://esky.com/green-walls/>

Elevations and Wall Sections

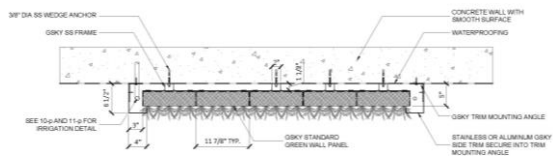


Green Wall Systems

Manufacturer: <http://esky.com/green-walls/>

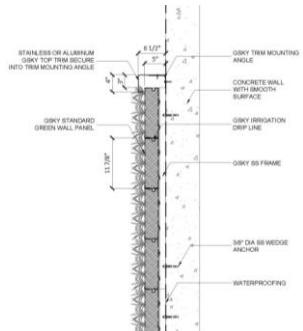
Elevations and Wall Sections

Green Wall Systems - Plan

Manufacturer: <http://esky.com/green-walls/>

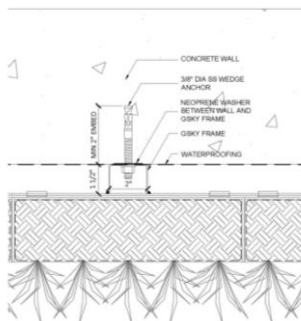
Elevations and Wall Sections

Green Wall Systems - Plan

Manufacturer: <http://esky.com/green-walls/>

Elevations and Wall Sections

Green Wall Systems - Plan

Manufacturer: <http://esky.com/green-walls/>

Elevations and Wall Sections

Green Wall Systems - Plan

Manufacturer: <http://esky.com/green-walls/>
<http://nazagreen.com/green-wall-systems/round-green-wall-systems-design/>

Elevations and Wall Sections