

# *Component* catalogue

A reference of value-driven façade components for layer 2 of the Value-Integrated Modular Façade System (VIMFS). Each component is grouped under one of four socio-technical clusters and described in terms of the resident value it materialises, the dimensions it occupies, and its mounting logic relative to the Layer 1 base platform

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*I*

Cluster I

Ecological  
regenerator

Sustainability-Identity-(Comfort)

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*II*

Cluster II

Social  
threshold

Comfort-Identity-Empowerment

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*III*

Cluster III

Climate  
agency

Comfort-Empowerment

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*IV*

Cluster IV

Neighbourhood  
face

Identity-(Fairness)

# How to read this *catalogue*

This appendix is the bounded design vocabulary of Layer 2 of the Value Integrated Modular Façade System (VIMFS) developed in Chapter 5. It supports the configuration logic of Chapter 6 and the case study of Chapter 7. Each component is grouped under one of four socio-technical clusters and described in terms of the resident values it materialises (Chapter 4), the average dimensions it occupies, its material and assembly logic, and a small set of manufacturer examples.

## Organised by value.

Components are grouped by the socio-technical cluster they belong to. Each cluster corresponds to a recurring combination of the six resident values established in Chapter 4: *comfort, affordability, fairness, empowerment, sustainability, identity*. The cluster determines *what* the component is for and the design indicator determines *how* the component carries the value into the façade design.

## Reading a component page.

- 
- 01 **Header:** Component name and the cluster it belongs to, with a short line stating the value it materialises.

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  - 02 **At a glance:** Four cells: the value output, average dimensions and import information related to object

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  - 03 **Component image:** Reference photograph or drawing of the component in situ.

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  - 04 **Material options:** The dominant material families available across manufacturers.

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  - 05 **Technical specifications:** Compact note on dimensions, performance range and mounting type

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  - 06 **Assembly:** How the component sits within the Layer 2 grid and connects back to Layer 1.

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  - 07 **Manufacturer examples:** Concrete product images showing the range of variants.

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# Index of components

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## *I* Ecological regenerator

Values: **Sustainability+Identity+(Comfort)**

Indicators: Carbon storage-ecological repair-visible nature

Bio-based cladding B05

Bio-diversity inserts B06

Vertical greening module B07

## *II* Social threshold

Values: **Comfort+Identity+Empowerment**

Indicators: Inhabitable edge-ease of interaction-personalisation

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Exterior storage unit B10

Juliet rail extension B11

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## *III* Climate agency

Values: **Comfort+Empowerment**

Indicators: User control-daylight-thermal stability-fresh air

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BIPV panels-energy B17

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## *IV* Neighbourhood face

Values: **Identity+(Fairness)**

Indicators: Articulation-material rhythm-dwelling expression

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# I

Cluster I-Layer 2

## Ecological regenerator

The facade as an active contributor to the local ecosystem. A generative skin that sequesters carbon through bio-based materials materials and restores biodiversity through integrated inhabital spaces.

Materialises:*Sustainability* as a proactive, visible force, not focussed on the reduction of waste, but the ecological improvement of residents immediate living environment.

Components in this cluster:

01 Bio-based cladding

02 Bio-diversity inserts

03 Vertical greening module

# Bio-based cladding

A renewable, ventilated outer skin that gives the façade its visible ecological character.

Code: ER01

<b>VALUE OUTPUT:</b> <i>Visible carbon-storage surface</i>	<b>Width (W):</b> 75-150 mm	<b>Length (L):</b> 1800-3000 mm	<b>Thickness (T):</b> 10-40 mm
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REFERENCE IMAGES:



Cornwaste- sample examples



Cork- sample examples



expanded cork facade-Amorim cork solutions



Nabasco facade-NPSP

MATERIAL OPTIONS:

- Wood-based-hydrothermally modified timber
- Wood-based-charred timber
- Bamboo-based- thermally modified timer
- Exterior cork
- Bio-composite — natural fibre (wood, flax, hemp, cellulose)
- Bio-composite — residual waste(corn/agriculture waste)
- Mineral bio-composite — Mycellium

TECHNICAL SPECIFICATIONS:

Mounted as a ventilated rainscreen panel to the outer rail or secondary support. Clip-fixed, concealed, or screw-fixed connections depending on panel type.

ASSEMBLY:

Applied as half-grid or full-grid of the secondary grid system. See manufacturer documentation for fire class, U-value contribution and durability data.

MANUFACTURE EXAMPLES:

  <p><b>Hydrothermally modified timber</b> Platowood Frake/vuren/populier 18x 40 t/m 185- L up to 545 mm</p>	  <p><b>Charred timber</b> Burned wood Frake/vuren/populier 18x 40 t/m 185- L up to 545 mm</p>	  <p><b>Thermally modified timber</b> MOSO bamboo X-treme 45 / 64 / 119 / 136 mm x L. 1 850 mm</p>
  <p><b>Cork</b> Amorim cork solutions (MDFACADE) 1000 × 500 mm * t. 40 – 200 mm</p>	  <p><b>Natural-fibre bio-composite</b> NPSP - Nabasco 8010 fire 600 × 600 mm * t. 6 – 25 mm</p>	  <p><b>Cornwaste bio-composite</b> Cornwall 600 × 600 / 300 × 600 mm*t. 4 mm</p>

# Bio-diversity ineserts

Integrated nesting and habitat module that supports birds or insects within the façade surface.  
Fitted into the cladding field, masonry, greening layer or an ecological carrier frame

Code: ER02

<b>VALUE OUTPUT:</b> <i>Habitat : birds, swifts, insects</i>	<b>Width (W):</b> 150-440 mm	<b>Length (L):</b> 150-440mm	<b>Thickness (T):</b> 100-200mm
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REFERENCE IMAGES:



*Bee and insect hotel-University of Melbourne campus*



*Use of birdbox in facade-Stedenbouw.nl*

MATERIAL OPTIONS:

- Habitat box -recycled timber
- Habitat box -bioreceptive material
- Nesting brick -concrete / stone
- Nesting brick -clay

TECHNICAL SPECIFICATIONS:

Fixed within the outer cladding field or onto a secondary carrier. Position in elevation determined by sun exposure and accessibility.

ASSEMBLY:

- integrated into a façade-panel zone
- inserted into masonry
- attached to a greening support layer
- built into a secondary ecological carrier frame

MANUFACTURE EXAMPLES:



**Swift built-in nest box**

Vivara Pro -NK GZ 15  
420 × 180 × 161 mm



**Facade nest box**

Vivara Pro-NK GZ 14  
300 × 160 × 190 / 381 × 155 × 173 mm



**Built-in nest box**

Schwegler -Brick Box 25A  
320 × 180 × 150 mm

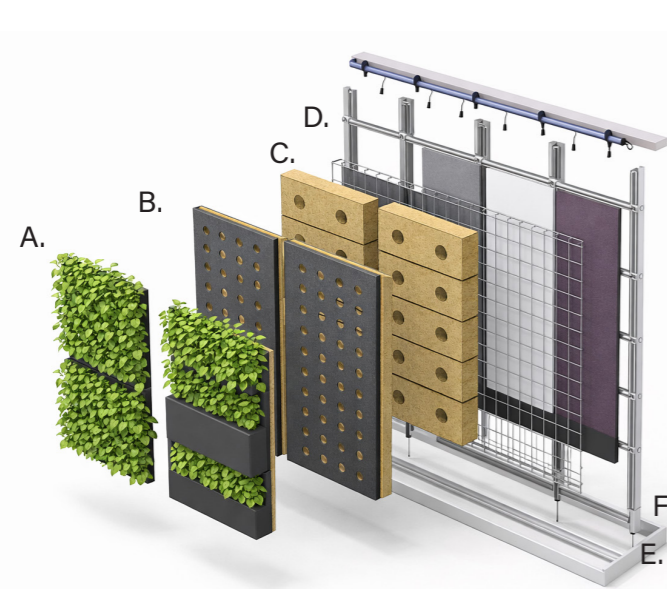
# Vertical greening module

Modular living-wall system for cooling, filtration and visible ecological integration.

Code: ER03

<b>VALUE OUTPUT:</b> <i>Living surface + cooling &amp; air quality</i>	<b>Module:</b> ~ 720 × 620 mm (avg.)	<b>Substrate:</b> 60 mm rockwool	<b>Weight:</b> 45 – 50 kg / m <sup>2</sup>
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REFERENCE IMAGES:



Assembly vertical greening system (own work) A planted carrier, B substrate, C basket, D backing panels, E suspension, F irrigation+drip tray

Sempergreen facade-Utrecht



Impression BUIU apartmentbuilding bijsingstraat-Rotterdam

CORE COMPONENTS:

- A- planted carriers
- B - substrate modules + foil
- C - steel basket + drip line
- D- backing panels
- E- steel suspended support frame
- F- irrigation system + drip tray

SYSTEM MATERIALS:

Galvanised steel-wire basket- mesh carrier-rockwool substrate -magnelis-steel suspension structure.

ASSEMBLY:

Applied as a planted insert within a coordinated field, mounted on a secondary vertical suspension construction fixed back to the Layer 1 interface.

MANUFACTURE EXAMPLES:



**Cloudgarden E-fix**

Cloudgarden  
 200 × (1000 – 1500) × 300 mm  
 50 kg / m<sup>2</sup>



**Sempergreen flexipanel**

Sempergreen  
 720 × 620 mm  
 45 kg / m<sup>2</sup>



**Integrated planters**

Sempergreen- planters  
 w. 211 mm - h. 375 / 500 / 625 mm

PLANT SELECTION:



- Philodendron Scandens Brasil
- Epipremnum Aureum
- Philodendron Scandens
- Chlorophytum Comosum Variegatum
- Epipremnum Marble Queen
- Scindapsus Golden Pothos

# II

Cluster II-Layer 2

## Social Threshold

The façade as an inhabitable edge , a extra depth that residents can occupy, appropriate and personalise. A area off the where the building meets daily life and the street.

Materialises *Sociability* and *Identity* by offering small architectural oppportunities to sit, store, look out and signal presence in the direct living environment, without adding internal floor area.

Components in this cluster:

01 Deep windowsill

02 Exterior storage unit

03 Juliet rail extension

04 Integrated facade seating

# Deep windowsill

Enlarged sill or façade ledge that allows sitting, placing objects, or occupying the building edge.

Code: ST01

VALUE OUTPUT:  
*Inhabitable edge – sit, place, lean*

Depth:  
200 – 400 mm

Length (L):  
opening-related

Width (W):  
up to 500mm

REFERENCE IMAGES:



Helopal product information



MATERIAL OPTIONS:

- Marble composite
- Timber
- Natural stone

TECHNICAL SPECIFICATIONS:

Bracket- or frame-supported and coordinated to the aperture field rather than the full cassette.

ASSEMBLY:

Aligned to the opening width

MANUFACTURE EXAMPLES:



**Marble composite**

Helopal

L. up to 3 600 mm \*w. up to 800 mm \*t. 17 mm



**Timber-oak**

Plintenfabrik

L. up to 5 000 mm\*w. up to 800 mm \*t. 18 – 40 mm



**Natural stone**

Dorpelshop

1000 × 160 × (60 / 30) mm

# Exterior storage unit

Storage volume integrated into the façade depth , to improve functional comfort without taking internal floor space.

Code: ST02

<b>VALUE OUTPUT:</b> <i>Reclaimed interior floor space</i>	<b>Width (W):</b> 800 – 1 720 mm	<b>Depth:</b> 460 – 830 mm	<b>Height:</b> 1 350 – 2 000 mm
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REFERENCE IMAGES:



Biohort Vertical storage unit



Biohort box storage unit

MATERIAL OPTIONS:

- Composite
- Aluminium
- Timber

TECHNICAL SPECIFICATIONS:

Single-field cabinet or double-field cabinet

ASSEMBLY:

Bracket-mounted to the Layer 1 interface system.

MANUFACTURE EXAMPLES:



**Single-field cabinet**

Biohort / Lutrabox

930 × 830 × 1852 \*800 × 820 × 1800 mm



**Two-field cabinet**

Biohort / Lutrabox

1720 × 840 × 1825 \*1800 × 820 × 1800 mm



**Box storage unit**

Biohort / Lutrabox

1010 t/m 2010 mm wide \*640 – 830 mm h.

# Juliet rail extension

Safety and threshold element that allows the façade opening to function as a stronger interior-exterior connection. Aligned to the opening width.

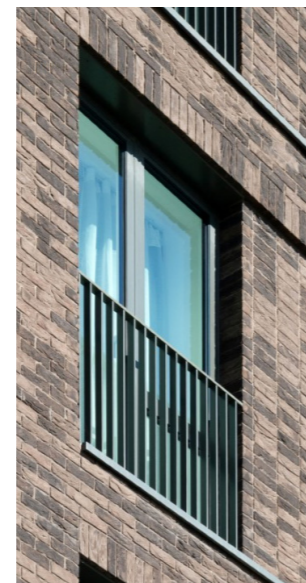
Code: ST03

<b>VALUE OUTPUT:</b> <i>Safe interior-exterior continuity</i>	<b>Guard height:</b> 900 – 1 100 mm	<b>Suspended:</b> 100 – 250 mm	<b>Width (W):</b> 800 – 1 800 mm
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REFERENCE IMAGES:



*Impression apartmentbuilding*



MATERIAL OPTIONS:

- Aluminium rail systems
- Steel rail systems
- Infill - clear glass
- Infill -perforated steel
- Infill -vertical bar

TECHNICAL SPECIFICATIONS:

Bracket system: fixed in reveal , face mounted or bracket mounted.

ASSEMBLY:

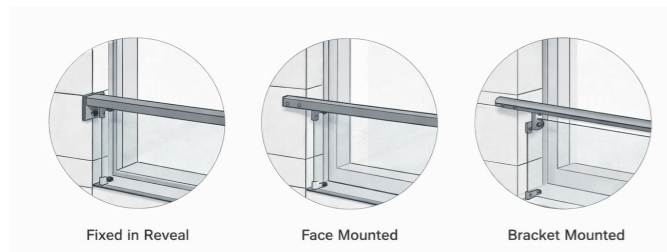
Fixed to opening structure or window frame. Aligned to the opening width rather than the full modulewidth.

MANUFACTURE EXAMPLES:

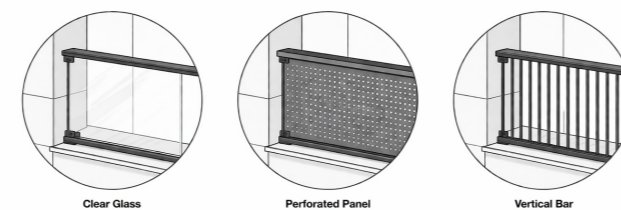


**Alluminium rail system**

Vista Architectural  
powder-coated  
L. up to 3 600 mm \*w. 800 – 4 200 mm \*t. 17 mm



*Mounting variants juliet rail*



*Infill variants*

# Integrated facade seating

Wall-mounted foldable bench or chair that gives a coordinated place to sit at the building edge.  
Folds flush when not in use.

Code: ST04

<b>VALUE OUTPUT:</b> <i>A place to pause at the entrance and connect</i>	<b>Width (W):</b> 860 – 1 000 mm	<b>Seat depth (open):</b> 400 – 500 mm	<b>Folded depth:</b> 80-120 mm
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## REFERENCE IMAGES:



## MATERIAL OPTIONS:

- Timber seat
- Aluminium brackets

## TECHNICAL SPECIFICATIONS:

Seat height 420 – 480 mm. 0.5 field 430 – 500 mm wide, 1.0 field 860 – 1 000 mm wide.

## ASSEMBLY:

Bracket-mounted to façade. Aligned to the secondary grid system.

## MANUFACTURE EXAMPLES:



**Foldable bench —  
without backrest**  
MaximaVida  
1000 × 450 × 220 mm



**Foldable bench —  
with backrest**  
MaximaVida  
1000 × 650 × 500 mm



**Chair system**  
Biohort/Lutrabox  
w. 390 / 450 / 510 / 560 \* h. 400 \* d. 50 mm

# III

Cluster III-Layer 2

## Climate agency

The façade as an instrument residents can adjust how they like, opening, ventilating, shading, generating. Not a sealed performance envelope, but a adjustable interface.

Materialises *Comfort* and *Control*: the ability to influence one's own indoor climate through legible, operable façade elements integrated into Layer 1 fields or the secondary subframe.

Components in this cluster:

- 01 Operable window modules
- 02 Decentralised ventiation unit-climate
- 03 BIPV façade panel -energy
- 04 Solar control -textile screens
- 05 Solar control-outdoor blinds
- 06 Solar control-sliding louvers

# Operable window modules

Wall-mounted foldable bench or chair that gives a coordinated place to sit at the building edge.  
Folds flush when not in use.

Code: CA02

VALUE OUTPUT:  
*Resident-operable fresh air*

Width (W):  
860 – 1 000 mm

Seat depth (open):  
400 – 500 mm

Folded depth:  
80-120 mm

REFERENCE IMAGES:



Type of openings- interior impression-Schuco website

MATERIAL OPTIONS:

- Wood / aluminium / PVC / steel frame
- Triple insulated glazing (28 – 52 mm)

Example:



TECHNICAL SPECIFICATIONS:

Three opening typologies — tilt-before-turn, parallel, top-hung.  
Add-on window ventilator with sound insulation 29 – 43 dB and U-value 2.26 W / m2 K.

Thermal performance:

Property	AWS 90.SI+	AWS 90.SI+ Green	AWS 60
Uw (window)	0.8 W/m2K (triple)	0.8 W/m2K (triple)	≈ 1.3-1.5 W/m2K (double)
Ug (glazing)	0.6 W/m2K	0.6 W/m2K	1.1 W/m2K
Uf (frame)	1.0 W/m2K	≤ 0.7 W/m2K	1.6-1.7 W/m2K
g-value (typical)	≈ 0.50-0.55	≈ 0.50-0.55	≈ 0.55-0.62

Ventilation add-on:



Add-on option 1

DucoTon 80 SR

U 2.26 W / m2K \* 29 – 43 dB



Add-on option 2

Schuco VentoAir

125x27x11 mm\* 29 – 43 dB

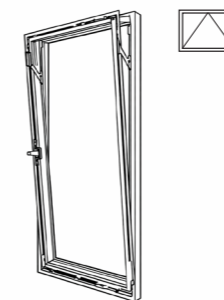


Operability

ASSEMBLY:

Bracket-mounted to façade. Aligned to the secondary grid system.

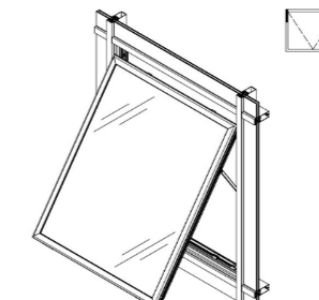
Opening typologies:



Tilt before turn opening

Schüco AWS 60 or 90 SI+ (green)  
Schüco SimplySmart OpenSecure fitting

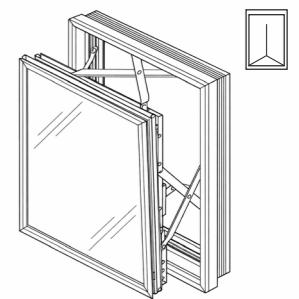
Basic depth: 60/90 mm  
Face width: 51/117 mm



Top hung opening

Schüco AWS 60 or 90 SI+ (green)

Basic depth: 60/90 mm  
Face width: 51/117 mm



Parallel opening

Schüco AWS 60 or 90 SI+ (green)

Basic depth: 60/90 mm  
Face width: 51/117 mm

# Decentralised ventilation unit

Decentralised mechanical ventilation with heat recovery for bathroom, kitchen, toilet and bedroom.  
Service-ready insert in a prepared Layer 1 field, replaceable without altering the primary structure.

Code: CA02

<b>VALUE OUTPUT:</b> <i>Decentralised, room-based comfort</i>	<b>Capacity:</b> 30 – 200 m <sup>3</sup> / h	<b>Efficiency:</b> 87 – 92 %	<b>Mounting:</b> Service ready insert in layer 1 platform
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## REFERENCE IMAGES:



*Brink Air 70- Brochure impression interior*



*SchucoVentoTherm twist- Brochure impression interior*

## FUNCTION:

- Decentralised mechanical ventilation for local air supply with integrated heat recovery (MVHR). Independent per dwelling through service-ready insert, accessible for maintenance and replacement without affecting neighbours and tenants

## TECHNICAL SPECIFICATIONS:

Single-room or compact room-based MVHR. Yield 87 – 92 %. Capacity range 30 – 200 m<sup>3</sup> / h at 100 Pa.  
Duct: radius: 125 / 150 / 250 mm.

## ASSEMBLY:

Mounted within prepared Layer 1 fields or fixed to the secondary subframe.  
Service-ready insert : maintenance, replacement and technical upgrading without altering the primary façade structure.

## MANUFACTURE EXAMPLES:



### Schüco VentoTherm Twist

Schüco  
1050 × 75 × 195 mm  
Cap: 30 m<sup>3</sup> / h



### Brink Air 70

Brink — single-room MVHR  
860 – 1400 × 250 – 500 × 150 – 320 mm  
Eff: 92 %  
Cap: 70 m<sup>3</sup> / h



### Trox FSL — parapet

Trox FSLBZAB / SEK  
1085 × 630 × 320 mm + MVHR



### Itho HRU ECO 200

Itho Daalderop  
916 × 597 × 290 mm  
Eff: 87.3 %  
Cap: 200 m<sup>3</sup> / h

# BIPV- facade panel

Coloured (BIPV) building-integrated photovoltaic façade panel for custom façade applications.

Code: CA03

<b>VALUE OUTPUT:</b> <i>Visible renewable energy generation</i>	Yield: 110 – 214 Wp / m <sup>2</sup>	Weigth: 22.5 kg / m <sup>2</sup> · glass 19.5 kg / m <sup>2</sup>	Install depth: 70 mm (incl. 9 mm glass)
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REFERENCE IMAGES:



Solarix-impresion panels



Titaan,Den Haag-Project Kameleon solar



SUM projet- Kameleon solar-impresion panels

SUPPORT SYSTEM:

Mounted on a secondary support structure: horizontal carrier profiles fixed to the rear substructure of Layer 1, with an optional spacer / insulator layer for façade levelling and thermal-break separation.

PANEL FIXING COMPONENTS:

Rear-mounted vertical omega profiles (86 × 25 × L), adjustable top hooks, fixed bottom hooks and adjustment screws (+/-5mm).

ASSEMBLY:

Each panel is individually hung on the carrier rail and fixed on one side and free on the other to accommodate thermal movement.

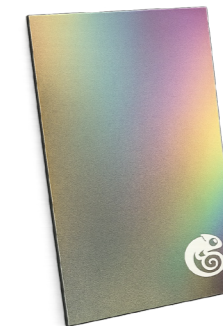
MANUFACTURE EXAMPLES:



**BIPV panel**

Solarix

Min 440 × 590 mm width  
 Standard 590 × 1190 / 890 × 1790 / 890 × 890 /  
 590 × 1790 mm  
 custom up to 4 200 × 2 300 mm



**Design BIPV panel**

Kameleon solar

Custom made

# Textile screens

External solar-control element that limits overheating while maintaining transparency. Sized to the opening field; fixed to opening structure or window frame.

Code: CA04

<b>VALUE OUTPUT:</b> <i>Glare &amp; heat control with view intact</i>	<b>Width:</b> up to 5 000 mm	<b>Height:</b> up to 4000mm	<b>Box sizes:</b> 85 / 95 / 105 / 125 mm
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REFERENCE IMAGES:



*Ritzscreen V550- Verano- home shertogenbosch-external application*



*Renson Fixscreen go- built-in application-brochure example*

MATERIAL OPTIONS:

- Textile screen
- Aluminium guides and cassette

TECHNICAL SPECIFICATIONS:

Sized to the width and height of the opening field. Built-in (windclass 3) or external (windclass 4) application.

ASSEMBLY:

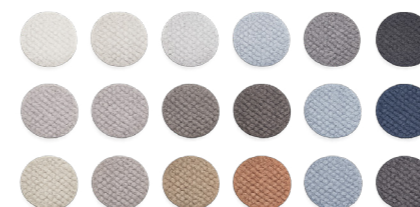
Fixed to opening structure or window frame.

MANUFACTURE EXAMPLES:



**Built-in application**  
RENSON FIXSCREEN GO 100 M4  
w. 3 000 \* max h. 2 600 mm  
Box 85 / 95 mm  
Wind class 3

TEXTILE COLOURS:



**Exterior application**  
VERANO ZIPSREEN V550  
w. 1000 – 5000 \* h. 1000 – 4000 mm  
Box:85 – 125 mm  
Windclass 4

FRAME COLOURS:



# Outdoor blinds

Adjustable daylight, glare & privacy

Code: CA05

## VALUE OUTPUT:

Visible renewable energy generation

## Width:

450 – 5 000 mm

## Max area:

16 – 18 m<sup>2</sup>

## Drive:

Manual · motorised · both

## REFERENCE IMAGES:



Warema exterior blind brochure example

## COLOUR OPTIONS:

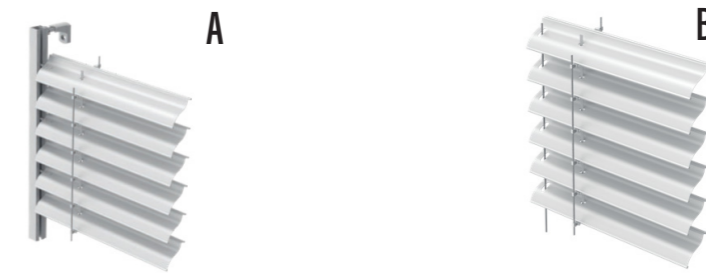


## MATERIAL OPTIONS:

- Aluminium slats
- PVC-coated polyester
- Polypropylene
- Vinyl

## PANEL FIXING COMPONENTS:

- Slat forms — S, Z, C, flat-C shape.
- Guide rail (self-supporting-A) or cable-guiding (extruded front-mounted-B) systems.



## ASSEMBLY & CONTROL:

Front-mounted clip-on on flush-mounted guide rails; aligned to the secondary grid system. Drive: electric motor, manual crank handle or both. Control: wired switch, radio, smart-home.

## FORM SLATS:



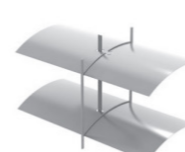
*S-shaped*



*Z-shaped*



*C-shaped*



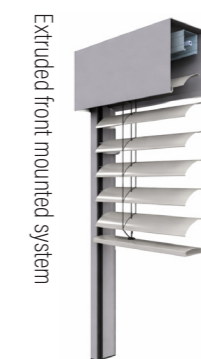
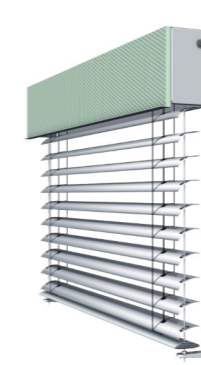
*Flat C-shaped*

## MANUFACTURE EXAMPLES:



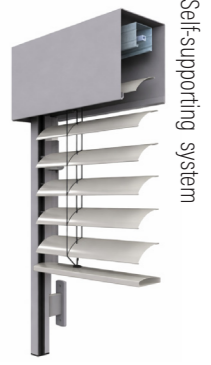
### Motorised (cable or guide rail)

WAREMA (ALUMINIUM)  
max w. 4 500 \*max h. 5 000 mm  
A=max A 16 m<sup>2</sup>



### Motorised and manual

HELLA AF 80  
w. 450 – 5 000 \*max h. 5 200 mm A=max A 18 m<sup>2</sup>



# Manual moveable louvers

Movable louver panels operated by the resident. A visible, tactile gesture of climate control, creating a unique and strong façade rhythm when shifted across the elevation

Code: CA06

<b>VALUE OUTPUT:</b> <i>Tactile and sun control</i>	<b>Width:</b> 860 – 1 420 mm	<b>Height:</b> 1 400 – 2 500 mm	<b>Frame depth:</b> 75 – 175 mm
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REFERENCE IMAGES:



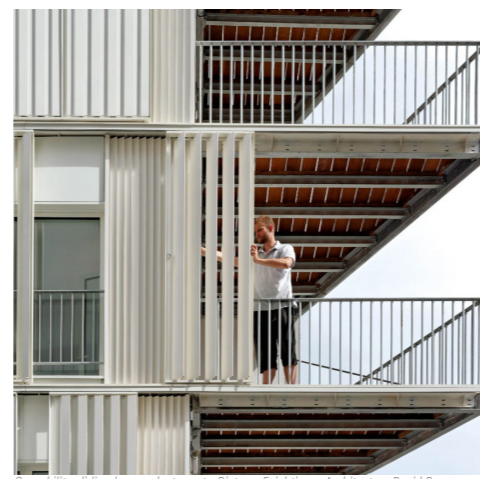
Outdoor sun awning-Verano



Timber shutter vertical-veneta-interior impression



Aluminium louvers on social housing complex Paris - Dietmar Feichtinger Architects- David Boureau



Operability sliding louvers by tenant - Dietmar Feichtinger Architects- David Boureau

MATERIAL OPTIONS:

- Timber louver panels
- Aluminium louver panels

TECHNICAL SPECIFICATIONS:

Sized to width and height of the opening field. Manual sliding, creating a sense of resident climate control.

ASSEMBLY:

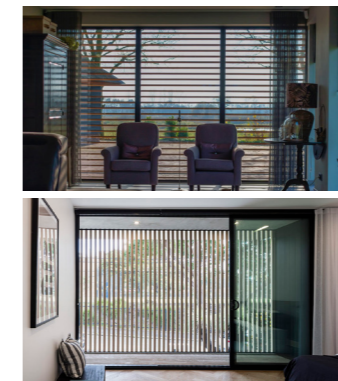
Fixed to support frame with screws via brackets and screws.

MANUFACTURE EXAMPLES:



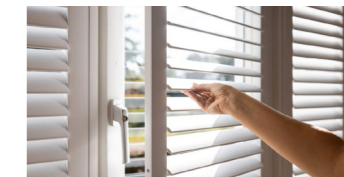
**Aluminium horizontal louvers (cantilever)**  
Prolouver

w. 100 – 600 \* L. 1 000 – 7 000 \*  
t. 1 – 3mm



**Timber Horizontal & Vertical louvers**  
Avino

Manual and sliding  
w. 100 – 600 L. 500 – 4 000



**Louver shutter**

VENETA- CORDOVAN NW215  
Aluminium-Timber

w. 63 / 76 / 89 / 114 mm\* max h. 3657  
mm\* max A 16 m2



**Sun awning**

VERANO V225 PORTO  
Manual/Electric

max w. 6 000 \* dep. up to 3 000 mm  
Angle: 50– 70°

# IV

Cluster IV-Layer 2

## Neighbourhood face

The façade as a face the neighbourhood sees it, including texture, rhythm, recognisability.  
The shared visual layer that connects the building to its surrounding street and block.  
Materialises *Recognition* and *Identity*: as a coordinated and adaptable outer skin that gives the renovation a legible, considered presence in the urban area.

Components in this cluster:

### 01 Cladding options

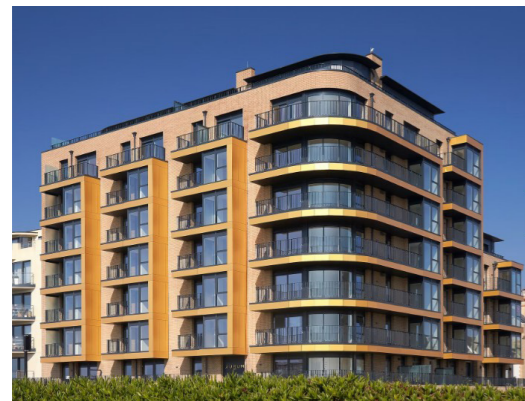
# Cladding options

Outer-skin panel that gives the façade texture, rhythm and recognisability.

Code: NF01

<b>VALUE OUTPUT:</b> <i>Identity, texture &amp; rhythm</i>	<b>Panel:</b> 1200 / 1250 × 2500 / 3050 mm	<b>Thickness:</b> 8-9 mm	<b>Weight:</b> 11.25 kg / m <sup>2</sup>
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REFERENCE IMAGES:



Rockpanel metals cladding residential building - Rockpanel brochure



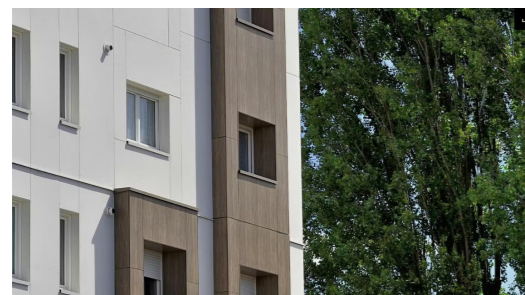
Rockpanel stone facade cladding - archello



Van Lennepstraat Rotterdam - Rockpanel Woods Cherry, Merbau & Mahonie, Colours - djve architecten



Elements building Haarlem - Rockpanel woods facade cladding - Rockpanel



Renovation project - Residential - social housing - La Madeleine, France - Atlante Architectes - Rockpanel Woods cladding

MATERIAL OPTIONS:

- Rockpanel A2 — stones
- Rockpanel A2 — woods
- Rockpanel A2 — metals
- Rockpanel A2 — colours

TECHNICAL SPECIFICATIONS:

Panel 1200 / 1250 × 2500 – 3050 mm- t. 8 – 9 mm - weigth: 11.25 kg / m<sup>2</sup> - lambda=0.55 W / m\*K.- R-value (≈ 0.04 m<sup>2</sup>K/W)

ASSEMBLY:

Mounting rail system h.o.h. aligned to the secondary grid system

MANUFACTURE EXAMPLES:



**Stones**

Rockpanel A2

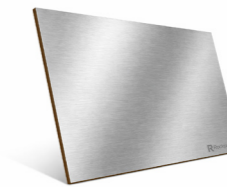
1200 / 1250 × 2500 – 3050mm  
Euroclass A2-s1,d0 (non-combustible)



**Woods**

Rockpanel A2

1200 / 1250 × 2500 – 3050mm  
Euroclass A2-s1,d0 (non-combustible)



**Metals**

Rockpanel A2

1200 / 1250 × 2500 – 3050mm  
Euroclass A2-s1,d0 (non-combustible)



**Colour**

Rockpanel A2

1200 / 1250 × 2500 – 3050mm  
Euroclass A2-s1,d0 (non-combustible)

