

Product Overview

Axis Tower, Tbilisi, Georgia
Architect: Nino Mesulishvili, Niko Faz-Kikashvili, Alexander Mezhrizzev, Giga Astashvili
Photo: Tamar Dighelashvili



Reynaers
Aluminium

Windows.
Doors.
Façades.

Together for better

www.reynaers.com



The Giving Tree, California, USA
Architect: Faulkner Architects
Photo: Joe Fletcher Photography

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*Non-insulated system



Reynaers
Aluminium

Welcome to Reynaers Aluminium

For over 50 years, Reynaers Aluminium has been designing cutting-edge glazing solutions for some of the most iconic buildings in the world. Engineered without compromise, our range of aluminium windows, doors and curtain wall systems have been specified time and again by the world's leading architects and construction companies.

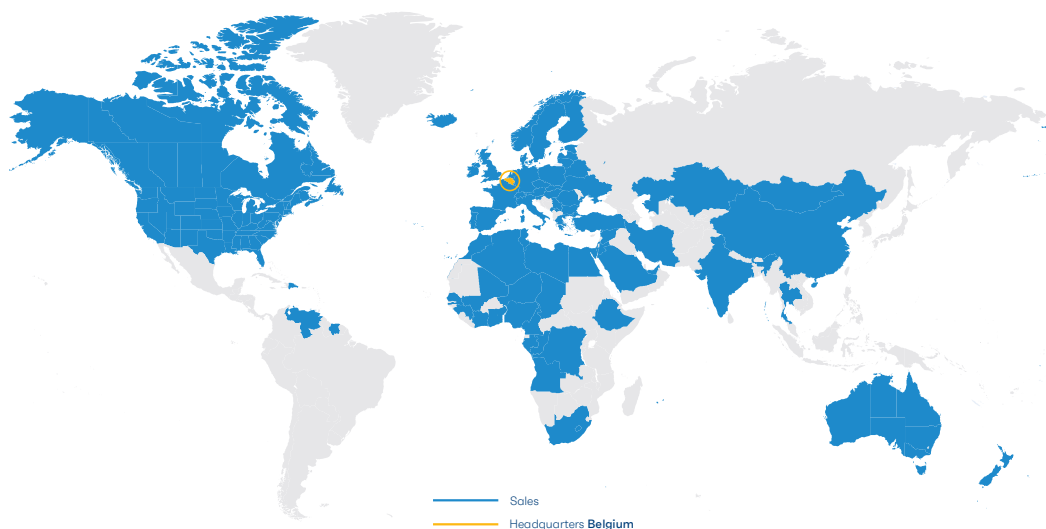
Reynaers Aluminium is recognised globally for the premium quality of its products. To help us maintain this reputation, we have invested in a world-class design and testing facility. When you choose Reynaers Aluminium products, you can rest assured that you are choosing a product that will not only look great, but will also offer industry-leading performance and reliability.

Together for better

This is our motto. We want to be a true business partner, sharing our worldwide knowledge with fabricators, architects and other stakeholders. With our open and proactive collaboration approach we can realize the highest standards and get the best results in any project, big or small, together.

Ready for the future

Reynaers Aluminium is the market leader in Belgium and we have acquired a strong market position in over 40 countries, each with its own offices.



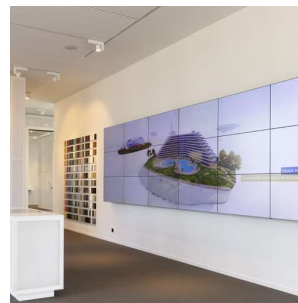
The Reynaers Campus is the corporate headquarters of Reynaers and is located in Duffel (Belgium). The Reynaers Campus is the inspiring and dynamic work environment of all Reynaers Aluminium employees and a place for partners to experience the latest products and innovations in full interactivity.



At the Reynaers Campus, you can visit the Experience Centre that is designed to bring people together and inspire you with our latest solutions and state-of-the-art technologies for architectural building solutions. In the Experience Room, you can discover our unique offering, assisted by inspiring digital applications. For a full immersive experience, a visit to Avalon can be booked where you can visit future buildings through a shared virtual reality experience.

In addition to these facilities, the Reynaers Campus also includes the Technology Centre, one of the largest

privately owned innovation and testing centres, for the validation of architectural and high-tech window, door and façade concepts. One of the showpieces of the Technology Centre is a state-of-the-art testing wall for façades with a height of 15 metres, allowing air-wind-water testing of multi-storey façades. This part of the Reynaers Campus also accommodates the 'R-Lab'; our dedicated lab for prototyping and 3D printing, resulting in faster and more accurate R&D tracks.



Impressive growth

Reynaers Aluminium is part of Reynaers Group. This international group has experienced steady growth in the last 30 years. Reynaers Aluminium is considered by all players in the industry as one of the leaders in its business. In 2022, Reynaers Group achieved a turnover of 756 million euros and counted over 2,600 employees across the world.



Reynaers
Aluminium



Private House, Vilnius, Lithuania
 Architect: Arunas Liola
 Photography: Evaldas Lasys



MasterLine 10



SlimLine 38



ConceptSystem 77



MasterLine 8



SlimLine 68



ConceptSystem 59Pa

Windows & Doors

WINDOWS & DOORS



























EcoSystem 50

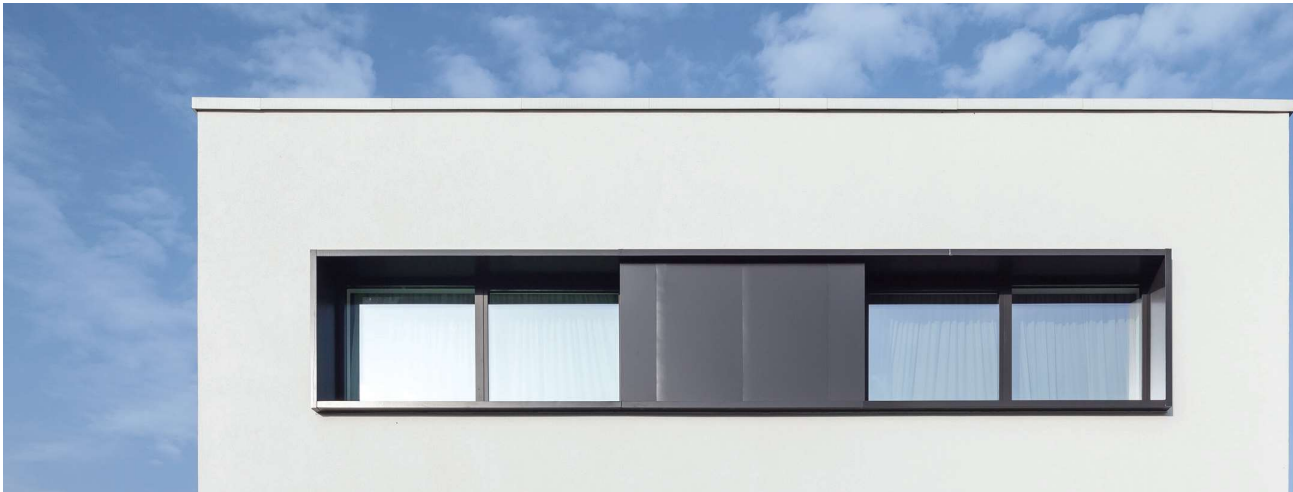


Reynaers
Aluminium

Design

Windows & Doors

| WINDOWS | MasterLine | | SlimLine | | ConceptSystem | | EcoSystem |
|-------------|---|---|---|---|---|---|---|
| | 10 | 8 | 38 | 68 | 77 | 59Pa | 50 |
| FUNCTIONAL |  |  | |  |  |  |  |
| HIDDEN VENT |  |  | | |  | | |
| RENAISSANCE |  |  | | | | | |
| DECO |  |  | | | | | |
| CUBIC |  | |  |  | | | |
| FERRO |  | |  |  | | | |
| CLASSIC |  | |  |  | | | |
| SOFTLINE |  | | | |  | | |



Architect: Prographic Architecture Studio
 Photo: Cosmin Dragomir

DOORS

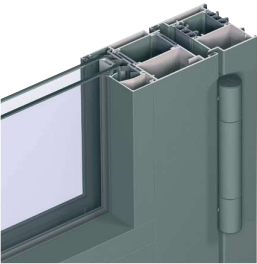
CONCEALED HINGES



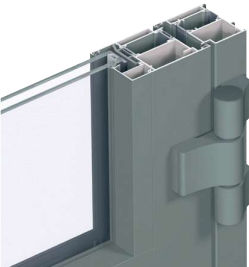
| MasterLine | | SlimLine | | ConceptSystem | | | EcoSystem | |
|------------|---|----------|----|---------------|-------|-------|-----------|----|
| 10 | 8 | 38 | 68 | 77 | 77-FP | 77-BP | 59Pa | 50 |





BARREL HINGES









































SURFACE MOUNTED HINGES



expected in 2023 
 available 

Performance

Windows & Doors

| WINDOWS | MasterLine | | SlimLine | | ConceptSystem | | | | EcoSystem |
|---|---|---|--|---|---|---|---|---|---|
| | 10 | 8 | 38 | 68 ⁽³⁾ | 77 | 77-FP | 77-BP | 59Pa | 50 |
| SAFETY VARIANTS | | | | | | | | | |
|  Burglary Proof |  |  |  |  |  | |  |  |  |
|  Fire Proof | |  |  ⁽⁴⁾ | | |  | | | |
|  Bullet Proof | | | | | | |  | | |
| Smoke leakage control | | | | | |  | | | |
| SUSTAINABILITY | | | | | | | | | |
|  High Insulation variant |  |  |  |  |  | | | | |
|  Passive House Institute Certified component |  | | | | | | | | |
|  MINERGIE label | |  | | |  | | | | |
|  Cradle To Cradle |  |  |  | |  | | | | |
|  Recycled Thermal Break |  | | | | | | | | |
| MINIMAL VISIBLE WIDTH FRAME/VENT | | | | | | | | | |
| | 104 mm | 97 mm | 67 mm | 65 mm | 89 mm | 150 mm | 128 mm | 85 mm | 100 mm |
| PERFORMANCES | | | | | | | | | |
|  Insulation smallest frame/vent section (Uf value ≥ ...) | 0.93 W/m²K | 1.6 W/m²K | 1.8 W/m²K | 2.4 W/m²K | 1.8 W/m²K | 2.3 W/m²K | 2.2 W/m²K | - | 2.3 W/m²K |
|  Air tightness Class (value in Pa) | 4 (600 Pa) | 4 (600 Pa) | 4 (600 Pa) | 4 (600 Pa) | 4 (600 Pa) | 4 (600 Pa) | 4 (600 Pa) | 4 (600 Pa) | 3 (600 Pa) |
|  Wind load resistance Class (value in Pa) | C4 (1600 Pa) | C5 (2000 Pa) | C4 (1600 Pa) | C5 (2000 Pa) | C5 (2000 Pa) | C5 (2000 Pa) | C5 (2000 Pa) | C5 (2000 Pa) | C4 (1600 Pa) |
|  Water tightness Class (value in Pa) | E900 (900 Pa) | E900 (900 Pa) | 9A (600 Pa) | E1200 (1200 Pa) | E900 (900 Pa) | 9A (600 Pa) | 9A (600 Pa) | E750 (750 Pa) | 9A (600 Pa) |

Performances and properties depend on size, profile combinations, hardware and infill choices.
















- (1) Panel door only
- (2) Window door
- (3) Outside opening only
- (4) Dutch standard only
- (5) All inward opening doors

Check CE passport for the most recent data
















DOORS

| MasterLine | | SlimLine | | ConceptSystem | | | | EcoSystem |
|-------------------|---|----------|-------------------|---------------|-------|-------|------|-----------|
| 10 ⁽²⁾ | 8 | 38 | 68 ⁽³⁾ | 77 | 77-FP | 77-BP | 59Pa | 50 |

SAFETY VARIANTS

| | | | | | | | | |
|---|---|---|---|--|---|---|---|---|
|  Burglary Proof |  |  |  | |  |  |  |  |
|  Fire Proof | |  |  | |  | | | |
|  Bullet Proof | | | | | |  | | |
| Smoke leakage control | | | | |  | | | |

SUSTAINABILITY

| | | | | | | | | |
|--|---|--|---|--|---|--|--|--|
|  High Insulation variant |  |  |  | |  | | | |
|  Passive House Institute Certified component | |  ⁽¹⁾ | | | | | | |
|  Minergie Label | | | | | | | | |
|  Cradle To Cradle |  |  |  | |  | | | |
|  Recycled Thermal Break |  | | | | | | | |

MINIMAL VISIBLE WIDTH FRAME/VENT

| | | | | | | | | |
|--------|-------|-------|-----|-------|--------|--------|-------|--------|
| 104 mm | 97 mm | 67 mm | n/a | 89 mm | 150 mm | 128 mm | 85 mm | 100 mm |
|--------|-------|-------|-----|-------|--------|--------|-------|--------|









































































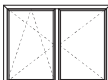






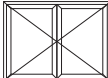






PERFORMANCES⁽⁵⁾

| | | | | | | | | | |
|--|-----------------|----------------|-----------------|-----|----------------|----------------|-----------------|---|----------------|
|  Insulation smallest frame/vent section (Uf-value ≥ ...) | 0.89 W/m²K | 1.3 W/m²K | 1.6 W/m²K | n/a | 1.8 W/m²K | 2.2 W/m²K | 2.8 W/m²K | - | 3.2 W/m²K |
|  Air tightness Class (value in Pa) | 4 (600 Pa) | 4 (600 Pa) | 2 (300 Pa) | n/a | 4 (600 Pa) | 4 (600 Pa) | 4 (600 Pa) | - | 3 (600 Pa) |
|  Wind load resistance Class (value in Pa) | C3 (1200 Pa) | C2 (800 Pa) | C3 (1200 Pa) | n/a | C2 (800 Pa) | C2 (800 Pa) | C5 (2000 Pa) | - | C2 (800 Pa) |
|  Water tightness Class (value in Pa) | 9A (600 Pa) | 8A (450 Pa) | 5A (200 Pa) | n/a | 7A (300 Pa) | 7A (300 Pa) | 9A (600 Pa) | - | 4A (150 Pa) |

expected in 2023
available

Opening Types

Windows & Doors

| WINDOWS | MasterLine | | SlimLine | | ConceptSystem | | EcoSystem |
|---|---|---|---|---|---|---|---|
| | 10 | 8 | 38 | 68 | 77 | 59Pa | 50 |
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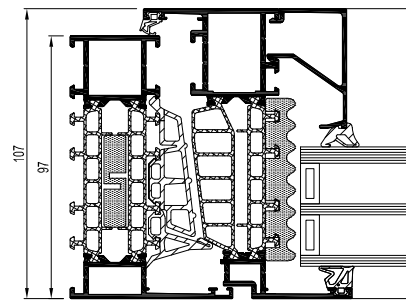
Architect: Mark Van Acker
Photo: Debbie De Brauwier



| DOORS | MasterLine | | SlimLine | | ConceptSystem | | | EcoSystem |
|-------|------------|---|----------|----|---------------|-------|------|-----------|
| | 10 | 8 | 38 | 68 | 77 | 77-FP | 59Pa | 50 |
| | | | | | | | | |
| | | | | | | | | |
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MasterLine 10

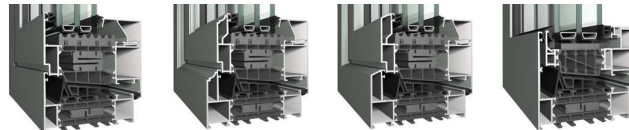
Windows









No compromise

MasterLine 10 aluminium windows fit the building trends of today and tomorrow. The Passive House-certified solution is ideal for low-energy building, as it combines maximum daylight access, optimal performance, and safety without compromise.

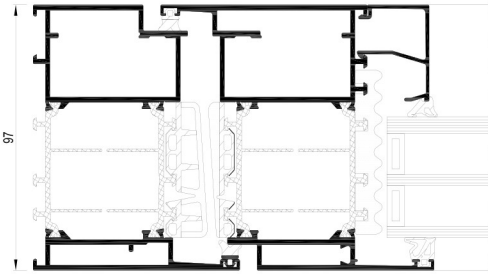
- One of our most sustainable solutions
- Best value for money amongst passive house certified systems
- Several design options available, including Hidden Vent



| PROPERTIES | | FUNCTIONAL | RENAISSANCE | DECO | HIDDEN VENT |
|---|-------|-------------|-------------|-------------|-------------|
| Min. visible width inward opening window | Frame | 60 mm | 60 mm | 60 mm | 80 mm |
| | Vent | 37 mm | 37 mm | 37 mm | - |
| Min. visible width inward opening window-door | Frame | 60 mm | 60 mm | 60 mm | n/a |
| | Vent | 67 mm | 67 mm | 67 mm | n/a |
| Overall system depth window | Frame | 97 mm | 107 mm | 107 mm | 97 mm |
| | Vent | 107 mm | 107 mm | 107 mm | 100 mm |
| Rebate height | | 27 mm | 27 mm | 27 mm | 22.5 mm |
| Glass thickness | Frame | up to 78 mm | up to 78 mm | up to 78 mm | 78 mm |
| | Vent | up to 88 mm | up to 88 mm | up to 88 mm | 77 mm |

| PERFORMANCE | | FUNCTIONAL | RENAISSANCE | DECO | HIDDEN VENT |
|--|--|---------------------------|-------------|------|---------------------------|
|  Thermal insulation (Uf value) | | Down to 0.76 W/m²K | | | Down to 0.82 W/m²K |
|  Acoustic performance (Rw (C; Ctr)) | | 46 (-1; -4) dB | | | 47 (-1; -5) dB |
|  Air tightness | | Up to 600 Pa (class 4) | | | Up to 600 Pa (class 4) |
|  Wind load resistance | | Up to 1600 Pa (class 4) | | | Up to 2000Pa (class 5) |
|  Water tightness | | Up to 900 Pa (class E900) | | | Up to 900 Pa (class E900) |
|  Burglar resistance | | Up to RC 3 (EN 1627) | | | RC 2 |

Performances and properties depend on size, profile combinations, hardware and infill choices.



MasterLine 10

Doors

No compromise

MasterLine 10 aluminium doors are the perfect match for low-energy and passive building projects thanks to their sustainable design and excellent safety levels. The system's patented technology ensures minimal draft and optimal thermal insulation.







- Best value for money amongst passive house certified systems
- One of our most sustainable solutions
- Several design options available



PROPERTIES

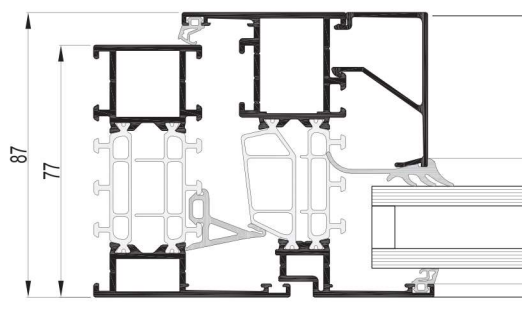
| | | BALCONY DOOR | TERRACE DOOR | FLUSH DOOR |
|--|-------|--------------|--------------|-------------|
| Min. visible width inward opening door | Frame | 60 mm | 60 mm | 83.5 mm |
| | Vent | 37 mm | 67 mm | 71.5 mm |
| Overall system depth window | Frame | 97 mm | 97 mm | 97 mm |
| | Vent | 107 mm | 107 mm | 97 mm |
| Rebate height | | 27 mm | 27 mm | 27 mm |
| Glass thickness | Frame | up to 78 mm | up to 78 mm | up to 78 mm |
| | Vent | up to 88 mm | up to 88 mm | up to 78 mm |

PERFORMANCE

| | | | |
|--|-------------------------|--------------------|-------------------------|
|  Thermal insulation (Uf value) | Down to 0.79 W/m²K | Down to 0.79 W/m²K | Down to 0.89 W/m²K |
|  Acoustic performance (Rw (C; Ctr)) | - | - | 40 (-1; -5) dB |
|  Air tightness | Up to 600 Pa (class 4) | - | Up to 600 Pa (class 4) |
|  Wind load resistance | Up to 1200 Pa (class 3) | - | Up to 1200 Pa (class 3) |
|  Water tightness | Up to 600 Pa (class 9A) | - | Up to 600 Pa (class 9A) |
|  Burglar resistance | - | - | Up to RC 2 (EN 1627) |

MasterLine 8

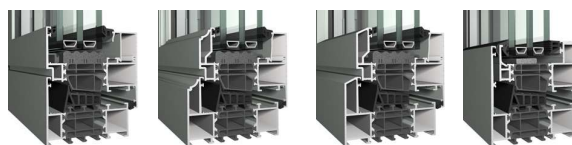
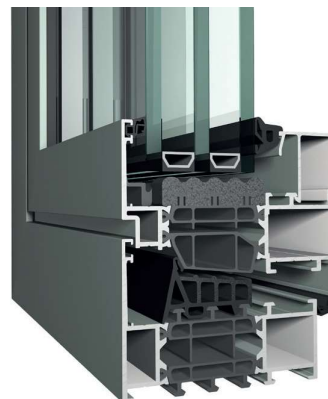
Windows



Crafted for masters

MasterLine 8 is a high-quality window system that links countless design options to best-in-class performance and unrivalled production speed. This next generation of aluminium windows is available in three insulation levels to match any project demands.

- Our flagship product, with a wide field of applicability
- Excellent thermal and AWW performance
- Highly competitive price-quality ratio









| PROPERTIES | | FUNCTIONAL | RENAISSANCE | DECO | HIDDEN VENT |
|---|-------|-------------------------|-------------------------|-------------------------|---------------------|
| Min. visible width inward opening window | Frame | 53 mm | 53 mm | 53 mm | 80 mm |
| | Vent | 37 mm | 37 mm | 37 mm | - |
| Min. visible width inward opening window-door | Frame | 60 mm | 60 mm | 60 mm | n/a |
| | Vent | 67 mm | 67 mm | 67 mm | n/a |
| Overall system depth window | Frame | 77 mm | 87 mm | 87 mm | 77 mm |
| | Vent | 87 mm | 87 mm | 87 mm | 80 mm |
| Max vent height | | 2800 mm | 2800 mm | 2800 mm | 2800 mm |
| Max vent weight | | 200 kg | 200 kg | 200 kg | 150 kg |
| Rebate height | | 27 mm | 27 mm | 27 mm | 27 mm |
| Glass thickness | Frame | up to 62 mm | up to 62 mm | up to 62 mm | up to 62 mm |
| | Vent | up to 72 mm | up to 62 mm | up to 62 mm | up to 65 mm |
| PERFORMANCE | | | | | |
| Thermal insulation (Uf) | | Down to 1.0 W/m²K | Down to 1.0 W/m²K | Down to 1.0 W/m²K | Down to 1.3 W/m²K |
| Acoustic performance (Rw (C; Ctr)) | | 45 (-1; -4) dB | 45 (-1; -4) dB | 45 (-1; -4) dB | 49 (-1; -5) dB |
| Air tightness | | 600 Pa (class 4) | 600 Pa (class 4) | 600 Pa (class 4) | 600 Pa (class 4) |
| Wind load resistance | | 2000 Pa (class 5) | 2000 Pa (class 5) | 2000 Pa (class 5) | 2000 Pa (class 5) |
| Water tightness | | 1200 Pa (class E1200) | 1200 Pa (class E1200) | 1200 Pa (class E1200) | 900 Pa (class E900) |
| Burglar resistance | | RC 3 (EN 1627) + PAS 24 | RC 3 (EN 1627) + PAS 24 | RC 3 (EN 1627) + PAS 24 | RC 2 (EN 1627) |

Performances and properties depend on size, profile combinations, hardware and infill choices.

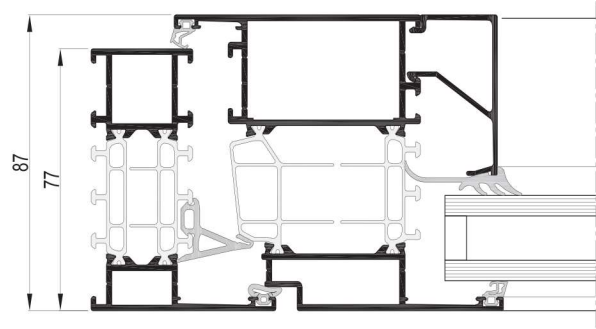


Varso 1 & 2, Warsaw, Poland
Architect : Hermanowicz Rewski Architekci (HRA)

| PROPERTIES | | OUTWARD OPENING | VENTILATION VENT | PIVOT WINDOW |
|--|-------|----------------------------------|-------------------------|-------------------------|
| Min. visible width window | Frame | 27 mm | 53 mm | 64 mm |
| | Vent | 118 mm | 105 mm | 89 mm |
| Overall system depth window | Frame | 77 mm | 77 mm | 77 mm |
| | Vent | 87 mm | 87 mm | 86 mm |
| Max vent height | | 2400 mm | 2800 mm | 2500 mm |
| Max vent weight | | 130 kg | - | 200 kg |
| Rebate height | | 27 mm | n/a | 25 mm |
| Glass thickness | Frame | up to 62 mm | n/a | n/a |
| | Vent | up to 72 mm | n/a | up to 61 mm |
| PERFORMANCE | | | | |
|  Thermal insulation (Uf) | | Down to 1.0 W/m²K | Down to 1.0 W/m²K | Down to 1.9 W/m²K |
|  Acoustic performance (Rw (C; Ctr)) | | 40 (-1; -4) dB | 45 (-1; -4) dB | 41 (-1; -3) dB |
|  Air tightness | | Up to 600 Pa (class 4) | Up to 600 Pa (class 4) | Up to 600 Pa (class 4) |
|  Wind load resistance | | Up to 2000 Pa (class 5) | Up to 1600 Pa (class 4) | Up to 1600 Pa (class 4) |
|  Water tightness | | Up to 900 Pa (class E900) | Up to 600 Pa (class 9A) | Up to 600 Pa (class 9A) |
|  Burglar resistance | | Up to RC 2 (EN 1627) + PAS 24 | Up to RC 2 (EN 1627) | - |

MasterLine 8

Doors



Crafted for masters

MasterLine 8 aluminium doors offer excellent levels of safety, thermal insulation, and stability. The high-quality door series can reach Passive House-levels of insulation, which makes it ideal for sustainable renovations and new-builds.

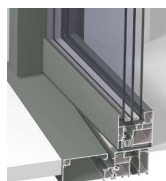
- Our flagship product, robust and versatile
- Excellent thermal and AWW performance
- Highly competitive price-quality ratio



| PROPERTIES | | BALCONY DOOR | FLUSH DOOR | PIVOT DOOR |
|--|-------|--------------|-------------|-------------|
| Min. visible width inward opening door | Frame | 60 mm | 68.5 mm | 68.5 mm |
| | Vent | 37 mm | 78.5 mm | 104.5 mm |
| Overall system depth window | Frame | 77 mm | 77 mm | 77 mm |
| | Vent | 87 mm | 77 mm | 77 mm |
| Max vent height | | 2800 mm | 3000 mm | 2400 mm |
| Max vent weight | | 130 kg | 250 kg | 200 kg |
| Rebate height | | 27 mm | 27 mm | 27 mm |
| Glass thickness | Vent | up to 72 mm | up to 62 mm | up to 62 mm |

| PERFORMANCE | | BALCONY DOOR | FLUSH DOOR | PIVOT DOOR |
|------------------------------------|--|--------------------|-------------------|-------------------|
| Thermal insulation (Uf) | | Down to 0.87 W/m²K | Down to 1.3 W/m²K | Down to 1.5 W/m²K |
| Acoustic performance (Rw (C; Ctr)) | | - | 43 (-2; -4) | - |
| Air tightness | | 4 | 3 | 4 |
| Wind load resistance | | 1200 Pa (class 3) | 800 Pa (class 2) | 1200 Pa (class 3) |
| Water tightness | | 600 Pa (class 9A) | 450 Pa (class 8A) | 150 Pa (class 4A) |
| Burglar resistance | | - | RC 3 + PAS 24 | RC 2 |

Performances and properties depend on size, profile combinations, hardware and infill choices.



PIVOT DOOR XL



PANEL DOOR









PASSIVE DOOR



PROPERTIES

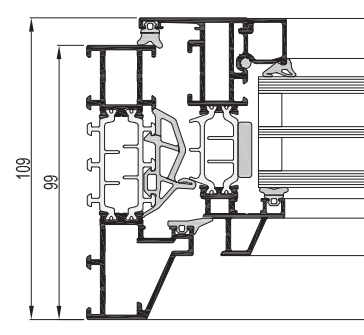
| | | | | |
|--|-------|-------------|-------------|---------|
| Min. visible width inward opening door | Frame | - | 42.5 mm | 42.5 mm |
| | Vent | 40 mm | - | - |
| Overall system depth window | Frame | 77 mm | 77 mm | 77 mm |
| | Vent | 77 mm | 77 mm | 77 mm |
| Max vent height | | 4000 mm | 3000 mm | 3000 mm |
| Max vent weight | | 500 kg | 250 kg | 250 mm |
| Rebate height | | 27 mm | - | - |
| Glass thickness | Vent | up to 62 mm | up to 65 mm | - |

PERFORMANCE

| | | | |
|--|--------------------------------|--------------------------------|--------------------------------|
|  Thermal insulation (Uf) | Down to 1.5 W/m ² K | Down to 1.4 W/m ² K | Down to 1.4 W/m ² K |
|  Acoustic performance (Rw (C; Ctr)) | - | - | - |
|  Air tightness | 600 Pa (class 4) | 600 Pa (class 3) | 600 Pa (class 4) |
|  Wind load resistance | 1200 Pa (class 3) | 1200 Pa (class 3) | 1200 Pa (class 3) |
|  Water tightness | 150 Pa (class 4A) | 100 Pa (class 3A) | 100 Pa (class 3A) |
|  Burglar resistance | - | RC 2 | RC 2 |

SlimLine 38

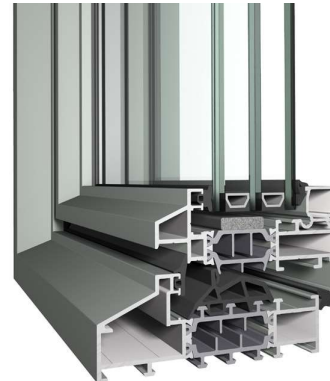
Windows



Light, elegance and comfort

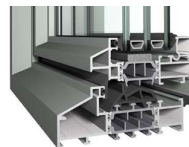
Its slender and user-friendly design makes the SlimLine 38 high-insulation system the perfect fit for any contemporary project. The durable aluminium windows offer unlimited design freedom thanks to their multiple minimalistic variants.

- Steel look windows in a variety of styles
- Suits modern new-builds as well as renovations
- High thermal insulation



PROPERTIES

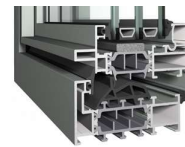
| | | CLASSIC | CUBIC | FERRO |
|---|-------|-------------|-------------|-------------|
| Min. visible width inward opening window | Frame | 33 mm | 38 mm | 38 mm |
| | Vent | 23 mm | 22 mm | 21 mm |
| Min. visible width inward opening window-door | Frame | 38 mm | n/a | 38 mm |
| | Vent | 52 mm | n/a | 52 mm |
| Overall system depth window | Frame | 99 mm | 76 mm | 76 mm |
| | Vent | 86 mm | 75 mm | 86 mm |
| Rebate height | | 13.5 mm | 13.5 mm | 13.5 mm |
| Glass thickness | | up to 55 mm | up to 55 mm | up to 55 mm |



CLASSIC



CUBIC

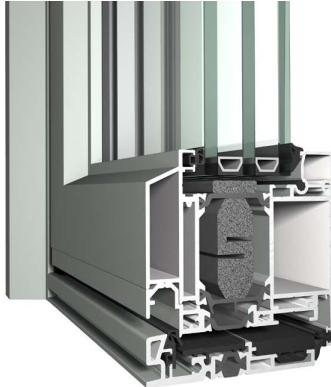
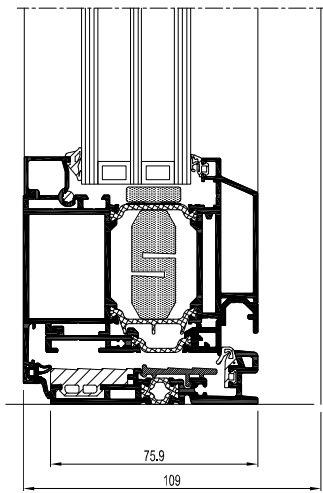


FERRO

PERFORMANCE

| | | |
|--|------------------------------------|---|
| | Thermal insulation (Uf) | Down to 1.8 W/m ² K. (Uw of less than 1.4 W/m ² K for a standard window section) |
| | Acoustic performance (Rw (C; Ctr)) | 38 (-1; -4) dB / 45 (-1; -5) dB |
| | Air tightness | Up to 600 Pa (class 4) |
| | Wind load resistance | Up to 1600 Pa (class C4) |
| | Water tightness | Up to 600 Pa (class 9A) |
| | Burglar resistance | Up to RC 2 (EN 1627 & NEN 5096) + PAS 24 |

Performances and properties depend on size, profile combinations, hardware and infill choices.



SlimLine 38

Doors

Light, Elegance and comfort

SlimLine 38 is a highly insulated aluminium door system that combines ultimate comfort with minimalistic design. Its slender steel look with optional triple glazing is the perfect match for both new-builds and contemporary renovation projects.

- High insulating steel look doors
- Broad offer of styles and safety variants
- Suits modern new-builds as well as renovations



PROPERTIES

| | | BALCONY DOOR | TERRACE DOOR | ENTRANCE DOOR |
|--|-------|-----------------|-----------------|-----------------|
| | | | | |
| Min. visible width inward opening door | Frame | 38 mm | 38 mm | 38 mm |
| | Vent | 21 mm | 51 mm | 51 mm |
| Overall system depth window | Frame | 76 / 99 mm | 76 / 99 mm | 76 / 99 mm |
| | Vent | 86 mm | 86 mm | 86 mm |
| Rebate height | | 13.5 mm | 13.5 mm | 13.5 mm |
| Glass thickness | | up to 55 mm | up to 55 mm | up to 55 mm |
| Available styles | | Classic - Ferro | Classic - Ferro | Classic - Ferro |

PERFORMANCE

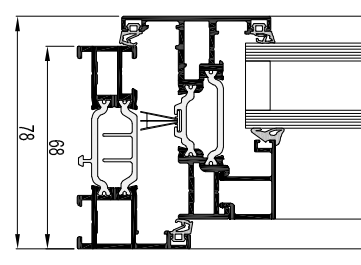
| | | | | |
|--|------------------------------------|-------------------------|-------------------------|-------------------------------|
| | Thermal insulation (Uf) | Down to 1.8 W/m²K | Down to 1.6 W/m²K | Down to 1.6 W/m²K |
| | Acoustic performance (Rw (C; Ctr)) | 38 (-1; -4) dB | 38 (-1; -4) dB | 38 (-1; -4) dB |
| | Air tightness | Up to 600 Pa (class 4) | Up to 600 Pa (class 4) | Up to 300 Pa (class 2) |
| | Wind load resistance | 1200 Pa (class 3) | 1200 Pa (class 3) | 1200 Pa (class 3) |
| | Water tightness | Up to 600 Pa (class 9A) | Up to 600 Pa (class 9A) | Up to 200 Pa (class 5A) |
| | Burglar resistance | Up to RC 2 (EN 1627) | Up to RC 2 (EN 1627) | Up to RC 2 (EN 1627) + PAS 24 |



Reynaers
Aluminium

SlimLine 68

Windows









Excellence in comfort

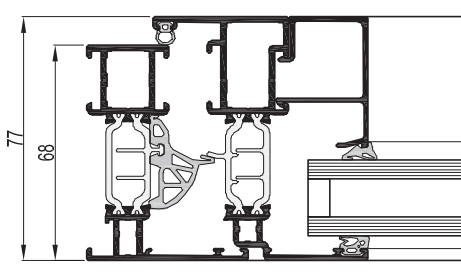
SlimLine 68 outward-opening windows are known for their ultra-slim yet steady aluminium profiles. The well-balanced solution is perfect for renovation, retaining the original daylight, but increasing weather resistance and insulation.

- Ultra slim sightlines in outward opening
- High level of comfort with excellent acoustic, thermal and weather sealing performance
- Safe and secure with SBD and PAS 24 rating



| PROPERTIES | | | FUNCTIONAL | CLASSIC | FERRO |
|---|------------------------------------|--|--|-------------|-------------|
| Min. visible width outward opening window | Frame | | 15 mm | 15 mm | 15 mm |
| | Vent | | 50 mm | 50 mm | 50 mm |
| Min. visible width T-profile | | | 50 mm | 50 mm | 50 mm |
| Overall system depth window | Frame | | 68 mm | 68 mm | 68 mm |
| | Vent | | 68 mm | 68 mm | 68 mm |
| Rebate height | | | 14 / 18 mm | 14 / 18 mm | 14 / 18 mm |
| Glass thickness | | | up to 43 mm | up to 32 mm | up to 32 mm |
| Thermal insulation | | | omega-shaped fibreglass reinforced polyamide strips (32 mm) | | |
| PERFORMANCE | | | | | |
|  | Thermal insulation (Uf) | | Down to 2.5 W/m²K (Uw ≥ than 1.4 W/m²K for a standard window section) | | |
|  | Acoustic performance (Rw (C; Ctr)) | | 36 (-1; -5) dB / 47 (-2; -7) dB | | |
|  | Air tightness | | Up to 600 Pa (class 4) | | |
|  | Wind load resistance | | Up to 2000 Pa (class 5) | | |
|  | Water tightness | | Up to 1200 Pa (class E1200) | | |
|  | Burglar resistance | | PAS 24 | | |

Performances and properties depend on size, profile combinations, hardware and infill choices.



ConceptSystem 77

Windows & Doors



Optimised safety and comfort

ConceptSystem 77 is a versatile window system that complements almost any building project thanks to its many design options. Compatible with different burglar resistance levels, the aluminium windows offers both a safe and stylish solution.

- Broad design and functional possibilities
- Available in extreme safety variants including bulletproof
- Well balanced price-quality-feature mix



FUNCTIONAL



HIDDEN VENT

PROPERTIES

| | | | |
|--|-------|-------------|-------------|
| Min. visible width inward opening window | Frame | 51 mm | 76 mm |
| | Vent | 33 mm | not visible |
| Min. visible width inward opening flush door | Frame | 68 mm | - |
| | Vent | 76 mm | - |
| Overall system depth window | Frame | 68 mm | 68 mm |
| | Vent | 77 mm | 72.5 mm |
| Rebate height | | 25 mm | 18.5 mm |
| Glass thickness | | up to 53 mm | up to 48 mm |

PERFORMANCE

| | |
|------------------------------------|--|
| Thermal insulation (Uf) | Down to 1.2 W/m²K |
| Acoustic performance (Rw (C; Ctr)) | 36 (-1; -4) dB / 42 (-2; -4) dB |
| Air tightness | Up to 600 Pa (class 4) |
| Wind load resistance | Up to 2000 Pa (class 5) |
| Water tightness | Up to 900 Pa (class E900) |
| Burglar resistance | Up to RC 3 (EN 1627 & NEN 5096) + PAS 24 |

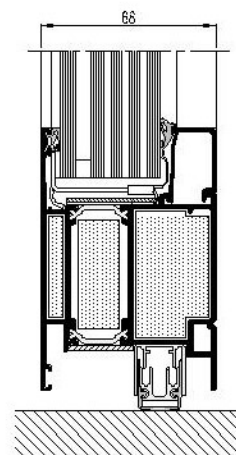
ConceptSystem 77-FP

Windows & Doors



The ConceptSystem 77-FP variant helps to provide fire safety in several classes and configurations to ensure an extended and safe escape route during a fire emergency. The range is available as outward opening single and double doors, panic doors, combined fixed window elements as well as glazed partition walls.

- European certified fire rated solution
- Wide range of architectural solutions similar to standard ConceptSystem 77
- Combinations possible with smoke control, burglar resistance and panic functionality

CS 77-FP60 door



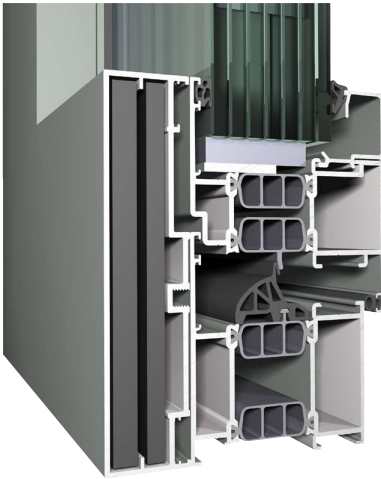
| PROPERTIES | FIREPROOF 30 | FIREPROOF 60 |
|-----------------|---|--------------|
| Rebate height | 25 mm | 25 mm |
| Glass thickness | 13 - 52 mm | 13 - 52 mm |
| Glazing method | dry glazing with EPDM or neutral silicone | |

| PERFORMANCE | FIREPROOF 30 | FIREPROOF 60 |
|--|---|---|
| European testing standards | EN 1364-1 EN 1634-1 | EN 1364-1 EN 1634-1 |
| Classification standard | EN 13501-2 | EN 13501-2 |
|  Fire resistance classification | EW30, EI30, EI ₃₀ , EI ₂ 30 | EW60, EI60, EI ₆₀ , EI ₂ 60 |
|  Burglar resistance | Up to RC 2 (EN 1627) | |

Performances and properties depend on size, profile combinations, hardware and infill choices.

ConceptSystem 77-BP

Windows & Doors



ConceptSystem 77-BP is an extension to the ConceptSystem 77 which enables the realisation of bulletproof windows and doors according to the most severe European standards. Optionally, the (fixed) windows and doors can be offered with a burglar resistance up to RC 3.








- FB 4, FB 6, FSG & Kalashnikov bullet resistance
- Shares many components with CS 77 for easy production
- Well balanced price-quality-feature mix

PROPERTIES

BULLETPROOF

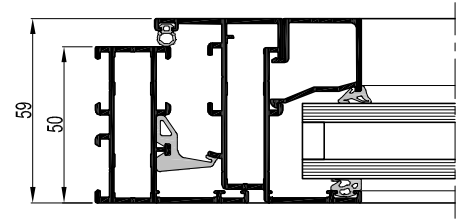
| | | |
|--|-------|------------|
| Min. visible width inward opening window | Frame | 128 mm |
| | Vent | - |
| Min. visible width inward opening flush door | Frame | 77 mm |
| | Vent | 77 mm |
| Overall system depth window | Frame | 97 mm |
| | Vent | 77 mm |
| Rebate height | | 25 mm |
| Glass thickness | | 25 - 52 mm |

PERFORMANCE

| | |
|--|---|
|  Thermal insulation (Uf) | Down to 2.4 W/m²K |
|  Acoustic performance (Rw (C; Ctr)) | 42 (-2; -4) dB |
|  Air tightness | Up to 600 Pa (class 4) |
|  Wind load resistance | Up to 2000 Pa (class 5) |
|  Water tightness | Up to 900 Pa (class E900) |
|  Bullet resistance | FB 4, FB 6, FSG (EN 1522) & Kalashnikov |
|  Burglar resistance | Up to RC 3 (EN 1627) |

ConceptSystem 59Pa

Windows & Doors







Ideal for warm climates

ConceptSystem 59 Parallel (Pa) offers a wide range of aluminium profiles specifically designed to deliver quality windows at a competitive price. The non-insulated yet sturdy solution is developed for warmer climates and matches any building's style.

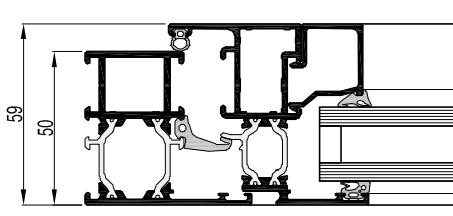
- Non-insulated stability, suitable for hot climates
- Well balanced price-quality-feature mix
- Reduced visible width for fixed and opening windows



| PROPERTIES | | PARALLEL | RENAISSANCE |
|--|-------|-------------|-------------|
| Min. visible width inward opening window | Frame | 49 mm | 55 mm |
| | Vent | 31 mm | 31 mm |
| Min. visible width inward opening flush door | Frame | 61.5 mm | - |
| | Vent | 72.5 mm | - |
| Overall system depth window | Frame | 50 mm | 59 mm |
| | Vent | 59 mm | 68 mm |
| Rebate height | | 25 mm | 25 mm |
| Glass thickness | | up to 35 mm | up to 35 mm |

| PERFORMANCE | |
|--|---------------------------------|
|  Acoustic performance (Rw (C; Ctr)) | 36 (-1; -3) dB / 44 (-2; -4) dB |
|  Air tightness | Up to 600 Pa (class 4) |
|  Wind load resistance | Up to 2000 Pa (class 5) |
|  Water tightness | Up to 750 Pa (class E750) |

Performances and properties depend on size, profile combinations, hardware and infill choices.



EcoSystem 50

Windows & Doors

Simply smart

EcoSystem 50 is a quality system for windows and doors that combines aesthetic design and energy efficiency. Thanks to the optional, cleverly hidden hinges and a minimal built-in depth, this aluminium solution sports a minimalistic look.

- Well-balanced price-quality-feature mix
- Minimal build-in depth for insulated system
- Reduces visible height for fixed window and opening windows









PROPERTIES

FUNCTIONAL

| | | |
|--|-------|-------------|
| Min. visible width inward opening window | Frame | 48 mm |
| | Vent | 30 mm |
| Min. visible width inward opening flush door | Frame | 67 mm |
| | Vent | 74 mm |
| Overall system depth window | Frame | 50 mm |
| | Vent | 59 mm |
| Max vent height | | 2200 mm |
| Rebate height | | 22 mm |
| Glass thickness | | up to 32 mm |

PERFORMANCE

| | |
|---|---------------------------------|
|  Thermal insulation (Uf) | Down to 2.3 W/m²K |
|  Acoustic performance (Rw (C; Ctr)) | 35 (-1; -4) dB / 40 (-2; -4) dB |
|  Air tightness | Up to 600 Pa (class 4) |
|  Wind load resistance | Up to 1600 Pa (class 4) |
|  Water tightness | Up to 600 Pa (class 9A) |
|  Burglar resistance | Up to RC 2 (EN 1627) + PAS 24 |



Beaurivage Apartments, Biel, Switzerland
 Architect: Bauzeit Architekten GmbH & Strassler AG
 Photo: © yves-andre.ch



HiFinity



SlimPatio 68



ConceptPatio 130



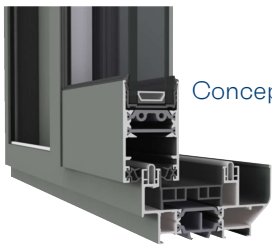
MasterPatio



ConceptPatio 155

Sliding Systems

SLIDING SYSTEMS



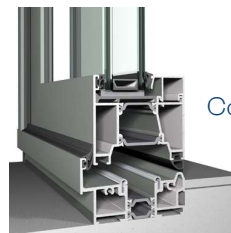
ConceptPatio 68



ConceptFolding 77



ConceptPatio 45Pa



ConceptFolding 68



Reynaers
Aluminium

Design & Performance

Sliding & Folding Systems

| DESIGN VARIANTS | HiFinity | MasterPatio | SlimPatio | ConceptPatio | | | | eptFolding | |
|---------------------------------|---------------|-----------------|-------------|---------------|---------------|-------------|-------------|-------------|-------------|
| | | | 68 | 155 | 130 | 68 | 45Pa | 77 | 68 |
| Functional | | | | | | | | | |
| Slimline | | | | | | | | | |
| Single rail | | | | | | | | | |
| Multirail | | | | | | | | | |
| Motorised | | | | | | | | | |
| Zero threshold | | | | | | | | | |
| Low threshold | | | | | | | | | |
| Pocket | | | | | | | | | |
| Open corner | | | | | | | | | |
| Glass corner | | | | | | | | | |
| SAFETY VARIANTS | | | | | | | | | |
| Burglar resistance | | | | | | | | | |
| OVERALL SYSTEM DEPTH (STANDARD) | | | | | | | | | |
| Frame | 148/180 mm | 180 mm | 120 mm | 155 mm | 130 mm | 68 mm | 50 mm | 77 mm | 68 mm |
| Vent | 44/60 mm | 77 mm | 64 mm | 68 mm | 59 mm | 41/49 mm | 29 mm | 77 mm | 68 mm |
| SUSTAINABILITY | | | | | | | | | |
| High insulation variant | | | | | | | | | |
| Passive House Level | | | | | | | | | |
| Cradle to Cradle Certified | | | | | | | | | |
| Recycled thermal break | | | | | | | | | |
| ENERGY PERFORMANCE | | | | | | | | | |
| Insulation (Uf >= ...) | 2.0 W/m²K | 1.3 W/m²K | 2.5 W/m²K | 1.6 W/m²K | 1.9 W/m²K | 2.5 W/m²K | - | 2.2 W/m²K | 1.7 W/m²K |
| Insulation (Uw >=...)* | 0.87 W/m²K | 0.82 W/m²K | 1.4 W/m²K | 1.0 W/m²K | 1.4 W/m²K | 1.4 W/m²K | - | 1.3 W/m²K | 1.4 W/m²K |
| Air tightness | 4 (600 Pa) | 4 (600 Pa) | 4 (600 Pa) | 4 (600 Pa) | 4 (600 Pa) | 4 (600 Pa) | 4 (600 Pa) | 4 (600 Pa) | 4 (600 Pa) |
| Water tightness | E750 (750 Pa) | E1200 (1200 Pa) | 8A (450 Pa) | E900 (900 Pa) | E750 (750 Pa) | 7B (300 Pa) | 7B (300 Pa) | 9A (600 Pa) | 9A (600 Pa) |
| Wind load resistance | 5 (2000 Pa) | 5 (2000 Pa) | 4 (1600 Pa) | 4 (1600 Pa) | 5 (2000 Pa) | 4 (1600 Pa) | 4 (1600 Pa) | 3 (1200 Pa) | 2 (800 Pa) |











































































































Performances and properties depend on size, profile combinations, hardware and infill choices.

* Depending on frame/vent combination - HI variant - Ug value double glazing = 1.0 W/m²K and spacer 0.036 W/mK
Ug value triple glazing = 0.6 W/m²K and spacer 0.031 W/mK

expected in 2023
available

Opening Types

Sliding & Folding Systems

| OPENING TYPES | HiFinity | MasterPatio | SlimPatio | | ConceptPatio | | | ConceptFolding | |
|---|---|---|---|---|---|---|---|---|---|
| | | | 68 | 155 | 130 | 68 | 45Pa | 77 | 68 |
| SLIDE | | | | | | | | | |
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| LIFT-SLIDE | | | | | | | | | |
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| FOLDING | | | | | | | | | |
|  | | | | | | | |  |  |

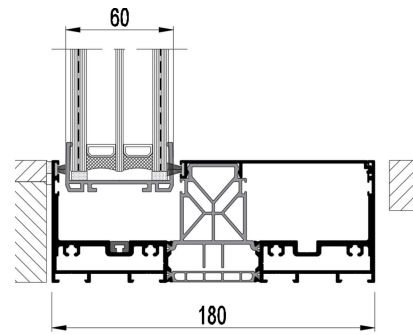
HiFinity







Sliding Systems

The infinite view

HiFinity's ultra-slim profiles create seemingly endless transparent surfaces with a minimalist look. The elegant aluminium sliding system combines an infinite view with impressive performances. The perfect choice for any low-energy contemporary building.

- Ultimate design freedom, matching each project requirement
- Floor-to-ceiling and wall-to-wall fully concealed profiles
- Elegant lines and an unobstructed view



| PROPERTIES | | STANDARD | HIGH INSULATION |
|--|-------------------------|--|----------------------------------|
| Height | Built-in frame | 68 / 100 mm (0mm visible) | |
| Visible width / height | Vent | 8 mm | 10 mm |
| | Meeting section | 35 mm (adjustable) | 35 mm (adjustable) |
| | Meeting section 4 doors | 67 mm (adjustable) | 69 mm (adjustable) |
| Overall system depth | Frame | 2-rail: 148 mm 3-rail: 234 mm | 2-rail: 180 mm 3-rail: 282 mm |
| | Vent | 44 mm | 60 mm |
| Maximal element height | | 4000 mm | |
| Maximal vent weight | | 300 kg manual / 750 kg motorised / 1200 kg fixed | |
| Glass thickness | | 36 - 38 mm | 52 - 54 mm |
| Glazing method | | Structurally glued to composite vent profiles (sliding vents) Dry glazing with EPDM (fixed glass) | |
| PERFORMANCE | | | |
|  Thermal insulation (Uw) | | Down to Uw 0.87 W/m²K | |
|  Acoustic performance (Rw (C; Ctr)) | | 46 (-1; -3) dB | |
|  Air tightness | | Up to 600 Pa (class 4) | |
|  Wind load resistance | | Up to 2000 Pa (class 5) | |
|  Water tightness | | Up to 750 Pa (class E750) | |
|  Burglar resistance | | Up to RC 2 (EN 1627) / PAS 24 | |

Performances and properties depend on size, profile combinations, hardware and infill choices.



26 Carré Or, Principality of Monaco
Architect: Alexandre Giraldi
Photography: Francis Amiard

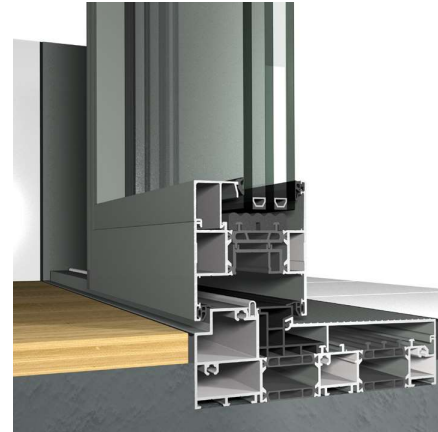
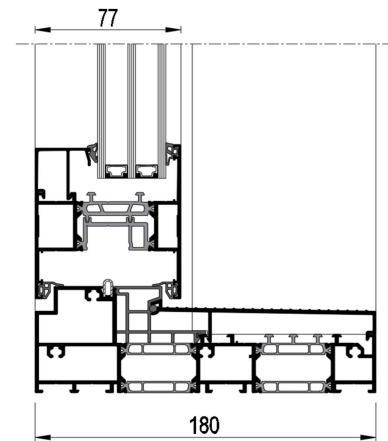
MasterPatio

Sliding Systems

Clean aesthetics and futureproof design

MasterPatio is the lift-slide system of choice for all our partners and customers. Superior insulation and recycled components make this high-performing aluminium solution an ideal sustainable upgrade for any building project.

- High-insulating system with high-rise ready performance
- Sustainable features such as recycled materials and reduced waste during production
- Compatible with our MasterLine 8 windows and door system, converting it into an easy to produce floor-to-ceiling façade



reddot winner 2021



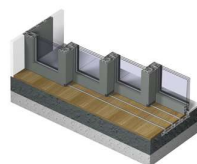
PROPERTIES

| | | MONORAIL OUTSIDE GLAZED | MONORAIL INSIDE GLAZED | 2-RAIL |
|------------------------|-----------|--|---------------------------|--------|
| Visible width / height | Frame | | 60 mm | |
| | Vent | | 87 mm | |
| | Meeting | | 50 / 87 mm | |
| | T-profile | | 50 / 87 mm | |
| Overall system depth | Frame | | 180 mm | |
| | Vent | | 77 mm | |
| Max vent weight | | 500 kg manual / 400 kg motorised / 1200 kg fixed | | |
| Max vent height | | 3600 mm | | |
| Rebate height | | 27 mm | | |
| Max glass thickness | | Up to 63 mm | | |

PERFORMANCE

| | | | | |
|--|------------------------------------|--------------------------------|------------------------------|--------------------------------|
| | Thermal insulation (Uw) | Down to 0.75 W/m²K | Down to 0.8 W/m²K | Down to 0.8 W/m²K |
| | Acoustic performance (Rw (C; Ctr)) | 44 (-1; -4) dB | | |
| | Air tightness | Up to 600 Pa (class 4) | | |
| | Wind load resistance | Up to 2000 Pa (class 5) | | |
| | Water tightness | Up to 1200 Pa (class E1200) | Up to 750 Pa (class E750) | Up to 1050 Pa (class E1050) |
| | Burglar resistance | Up to RC 2 (ENV 1627) / PAS 24 | | |

Performances and properties depend on size, profile combinations, hardware and infill choices.



MULTIRAIL +
ZERO-THRESHOLD



OPEN CORNER









LOW-THRESHOLD

PROPERTIES

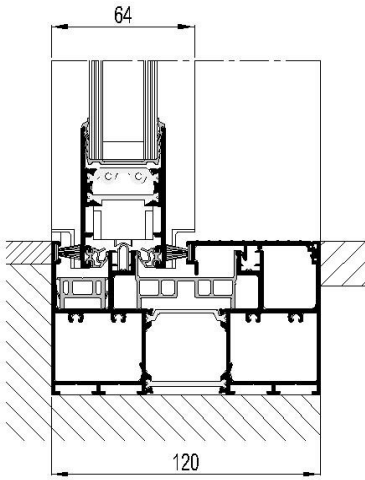
| | | | | |
|------------------------|-----------|--|------------|--------|
| Visible width / height | Frame | 0 mm | 60 mm | 20 mm |
| | Vent | | 87 mm | |
| | Meeting | | 50 / 87 mm | |
| | T-profile | | 50 / 87 mm | |
| Overall system depth | Frame | 180 - 798 mm | 180 mm | 180 mm |
| | Vent | | 77 mm | |
| Max vent weight | | 500 kg manual / 400 kg motorised / 1200 kg fixed | | |
| Max vent height | | 3600 mm | | |
| Rebate height | | 27 mm | | |
| Max glass thickness | | Up to 63 mm | | |

PERFORMANCE

| | | | |
|--|-------------------------|-------------------|-----------------------|
|  Thermal insulation (Uw) | Down to 0.8 W/m²K | | |
|  Acoustic performance (Rw (C; Ctr)) | 44 (-1; -4) dB | | |
|  Air tightness | Up to 600 Pa (class 4) | | |
|  Wind load resistance | Up to 2000 Pa (class 5) | | |
|  Water tightness | Up to 300 Pa (class 7A) | Up to 450 Pa (8A) | Up to 150 Pa (3A) |
|  Burglar resistance | - | - | Up to RC 2 (ENV 1627) |



Palazzo Arba, Genoa, Italy
Architect : Federico Nardelli - Maurizio Maggiali
Photography: Piero Annoni



SlimPatio 68

Sliding Systems

Panoramic view and comfort

SlimPatio 68 is our highly insulated, ultra-slim sliding system that takes comfort and style to the next level. Thanks to their minimalistic design, the premium sliding windows ensure maximum daylight entrance and optimal panoramic views.






- Minimalist design, maximises daylight entrance
- Selection of opening types to complement any project
- Concealed frame best suited for new-builds



PROPERTIES

| | | 2-RAIL | 3-RAIL |
|------------------------|-----------------|--|---------------------|
| Visible width / height | Built-in Frame | 68 mm (0mm visible) | 68 mm (0mm visible) |
| | Horizontal Vent | 34 mm | 34 mm |
| | Vertical vent | 34 mm | 34 mm |
| | Meeting section | 34 mm | 34 mm |
| Overall system depth | Frame | 120 mm | 176 mm |
| | Vent | 64 mm | 64 mm |
| Maximal vent height | | 2700 mm | |
| Maximal vent weight | | 250 kg | |
| Rebate height | | 18 mm | |
| Glass thickness | | from 24 mm to 36 mm | |
| Glazing | | EPDM, according to the envelop-principle | |
| Thermal insulation | | 32 mm and 36 mm fibreglass reinforced polyamide strips | |

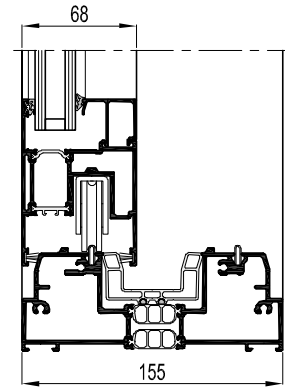
PERFORMANCE

| | |
|--|---|
|  Thermal insulation (Uw) | Down to 1.4 W/m²K, for 3000 mm x 2300 mm frame/vent combination (Ug = 1.0 W/m²K, psi 0.036W/mK, 24mm glass) |
|  Acoustic performance (Rw (C; Ctr)) | 40 (-2; -4) dB |
|  Air tightness | Up to 600 Pa (class 4) |
|  Wind load resistance | Up to 1600 Pa (class 4) |
|  Water tightness | Up to 450 Pa (class 8A) |

Performances and properties depend on size, profile combinations, hardware and infill choices.

ConceptPatio 155

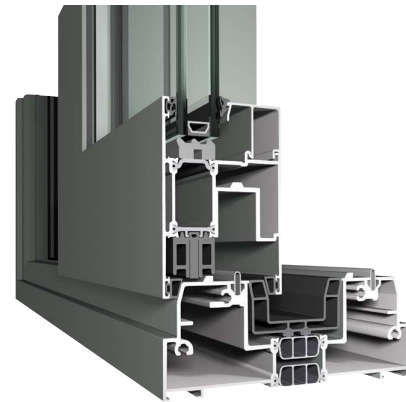
Sliding Systems









Sophistication for quality and insulation

ConceptPatio 155 is a high-quality (lift &) slide system enables large glass areas with excellent insulating properties. Easy to integrate, the all-round aluminium sliding doors neatly combine with the ConceptSystem 77 products.

- Enables large elements in a variety of opening types
- Burglarproof and even hurricaneproof variants available
- Fixed glass panels up to 1500kg



| PROPERTIES | | SLIDE | LIFT-SLIDE |
|------------------------|-----------------|-------------|----------------|
| Visible width / height | Frame | 60 mm | 0 / 20 / 60 mm |
| | Vent | 102 mm | 102 mm |
| | Meeting section | 50 / 115 mm | 50 / 115 mm |
| Overall system depth | Frame | 155 mm | 155 mm |
| | Vent | 68 mm | 68 mm |
| Maximal vent height | | 3000 mm | 3500 mm |
| Maximal vent weight | | 250 kg | 400 kg |
| Rebate height | | 25 mm | |
| Glass thickness | | Up to 52 mm | |

| PERFORMANCE | | |
|--|--|---------------------------------|
|  Thermal insulation (Uw) | | Down to 1.0 W/m²K |
|  Acoustic performance (Rw (C; Ctr)) | | 35 (-2; -5) dB / 42 (-1; -3) dB |
|  Air tightness | | Up to 600 Pa (class 4) |
|  Wind load resistance | | Up to 1600 Pa (class 4) |
|  Water tightness | | Up to 900 Pa (class E900) |
|  Burglar resistance | | Up to RC2 (ENV 1627) / PAS 24 |

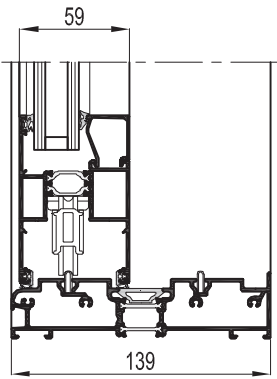
Performances and properties depend on size, profile combinations, hardware and infill choices.



Private House, Uznach, Zwitterland
Architect: Daluz / González Architekten
Photography: Peter Baracchi



Baelskaai 12, Ostend, Belgium
Architect: Conix Architects
Photography: Philippe Van Gelooven



ConceptPatio 130

Sliding Systems









Aesthetic functionality

ConceptPatio 130 is a qualitative (lift &) slide solution that balances price, performance and design. The versatile aluminium system allows both architects and homeowners to create spaces without boundaries.

- Very complete offer with various opening types
- Excellent balance between performance and affordability
- Unique low threshold renovation-friendly profile

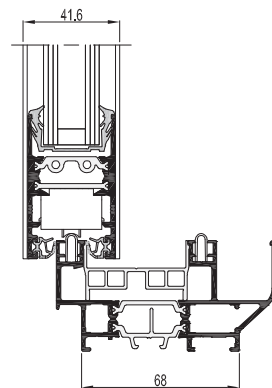
| PROPERTIES | | SLIDE | LIFT-SLIDE |
|------------------------|-----------|-----------------|---------------------|
| Visible width / height | Frame | 50 mm | 0 / 28 / 35 / 40 mm |
| | Vent | 98 mm | 98 mm |
| | Meeting | 50 / 69 / 98 mm | 50 / 69 / 98 mm |
| | T-profile | 76 - 115 mm | 76 - 115 mm |
| Overall system depth | Frame | 110 - 139 mm | 139 - 210 mm |
| | Vent | 59 mm | 59 mm |
| Rebate height | | 25 mm | |
| Glass thickness | | Up to 43 mm | |
| Max vent weight | | 300 kg | |
| Max vent height | | 2700 mm | |

| PERFORMANCE | |
|--|---------------------------------|
|  Thermal insulation (Uw) | Down to 1.4 W/m²K |
|  Acoustic performance (Rw (C; Ctr)) | 32 (-1; -3) dB / 39 (-1; -3) dB |
|  Air tightness | Up to 600 Pa (class 4) |
|  Wind load resistance | Up to 2000 Pa (class 5) |
|  Water tightness | Up to 750 Pa (class E750) |
|  Burglar resistance | Up to RC 2 (ENV 1627) / PAS 24 |

Performances and properties depend on size, profile combinations, hardware and infill choices.

ConceptPatio 68

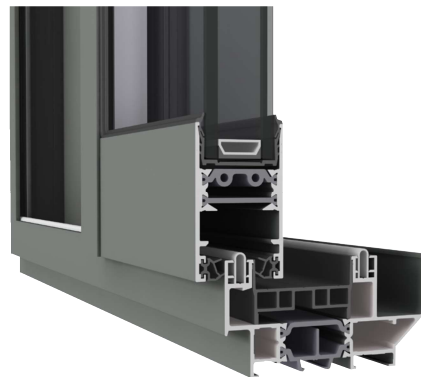
Sliding Systems









Elegance, comfort and security

The ConceptPatio 68 aluminium sliding system combines a unique style, great performances, and excellent security. Its slim sightlines ensure maximised daylight entrance, while open corner and pocket opening solutions offer uninterrupted views.

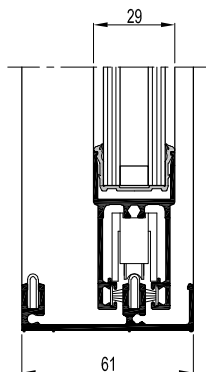
- Small sightlines for maximised daylight entrance
- Large variety of configurations, including open corner and pocket doors
- Ideal for renovation in moderate climates



| PROPERTIES | | MONORAIL | 2-RAIL | 3-RAIL |
|----------------------|-----------------|--|------------|---------|
| Visible width | Frame / Vent | 109 mm | 109 mm | 109 mm |
| | Meeting section | 34 mm | 34 mm | 34 mm |
| Overall system depth | Frame | 85 mm | 68 mm | 124 mm |
| | Vent | 41.6 mm | 41.6 mm | 41.6 mm |
| Maximal vent height | | | 2800 mm | |
| Maximal vent weight | | | 200 kg | |
| Rebate height | | | 18 mm | |
| Glass thickness | | | 28 - 36 mm | |
| Glazing method | | with EPDM in accordance with the envelope principle | | |
| Thermal insulation | | 32 mm and 36 mm fibreglass reinforced polyamide strips | | |

| PERFORMANCES | | |
|---|------------------------------------|-------------------------|
|  | Thermal insulation (Uw) | Down to 1.4 W/m²K |
|  | Acoustic performance (Rw (C; Ctr)) | 38 (-2; -4) dB |
|  | Air tightness | Up to 600 Pa (class 4) |
|  | Wind load resistance | Up to 1600 Pa (class 4) |
|  | Water tightness | Up to 300 Pa (class 7B) |
|  | Burglar resistance | Up to RC 2 (EN 1627) |

Performances and properties depend on size, profile combinations, hardware and infill choices.



ConceptPatio 45Pa

Sliding Systems






Less is more

ConceptPatio 45Pa is a noninsulated sliding system that has been designed to respond to new aesthetical demands. The system is available in functional design. The profile width is reduced to a minimum allowing a maximum of light into the building. CP 45Pa integrates the latest techniques, offering a very competitive solution.

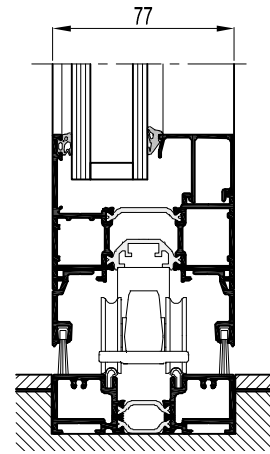
- Affordable high-quality non-insulated slider
- Available in multiple styles
- Ideal for renovation in warmer climates

| PROPERTIES | | MONORAIL | 2-RAIL | 3-RAIL | 4-RAIL |
|-----------------------------|-----------------|------------|------------|--------------|--------------|
| Visible width / height | Frame | 45 mm | 17 / 45 mm | 17 / 45 mm | 17 / 45 mm |
| | Horizontal vent | | | 56 mm | |
| | Vertical vent | | | 54.5 / 67 mm | |
| | Meeting section | | | 40 mm | |
| Overall system depth window | Frame | 48 / 56 mm | 50 / 61 mm | 86 / 97 mm | 122 / 133 mm |
| | Vent | | | 29 mm | |
| Glass thickness | | | | 6 - 24 mm | |

| PERFORMANCES | |
|--|-------------------------|
|  Air tightness | Up to 600 Pa (class 4) |
|  Wind load resistance | Up to 1600 Pa (class 4) |
|  Water tightness | Up to 300 Pa (class 7B) |

ConceptFolding 77

Folding Systems









Invite nature into your building

ConceptFolding 77 provides exceptional element sizes for maximal transparency and stunning aesthetics. Nature and indoors come closer together as the aluminium folding door system connects up to eight vents to draw the exterior inside.

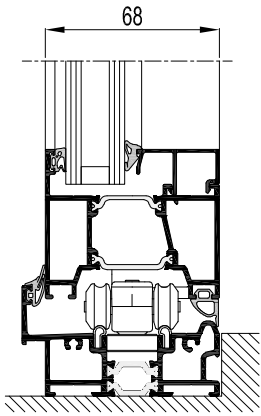
- High-quality folding doors
- Best in class element sizes
- From 2 to 8 vents, opening any way you want



| PROPERTIES | FUNCTIONAL | SLIMLINE |
|---------------------------|--------------------------|--------------|
| Visible frame / threshold | 0 / 18 / 42 / 57 / 82 mm | 0 / 25 mm |
| Visible vent width | 66 mm | 55 mm |
| Visible vent - vent width | 144 mm | 122 mm |
| System depth | 77 mm | 77 mm |
| Max vent size | 1200x3000 mm | 1200x3000 mm |
| Max vent weight | 120 kg | 120 kg |
| Rebate height | 25 mm | 25 mm |
| Max glass thickness | 63 mm | 44 mm |

| PERFORMANCE | |
|--|-------------------------------|
|  Thermal insulation (Uf) | Down to 2.2 W/m²K |
|  Acoustic performance (Rw (C; Ctr)) | 45 (-1; -5) dB |
|  Air Tightness | Up to 600 Pa (class 4) |
|  Wind load resistance | Up to 1200 Pa (class 3) |
|  Water Tightness | Up to 600 Pa (class 9A) |
|  Burglar resistance | Up to RC 2 (EN 1627) / PAS 24 |

Performances and properties depend on size, profile combinations, hardware and infill choices.



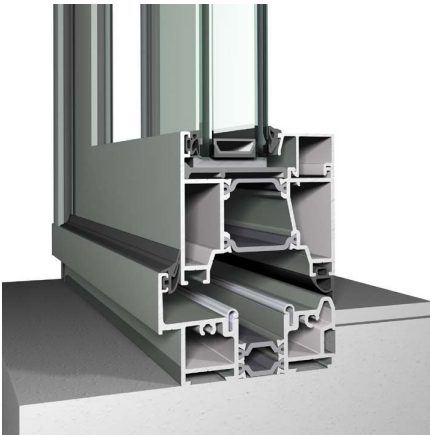
ConceptFolding 68

Folding Systems

Endless enjoyment

The elegant ConceptFolding 68 folding doors offer maximum space efficiency and small sightlines. Combining up to eight vents, the aluminium system makes the border between interior and exterior disappear in an instant.







- Elegant folding doors with small sightlines
- Affordable but quality design
- From 2 to 8 vents, opening any way you want



PROPERTIES

| | FUNCTIONAL |
|---------------------------|--------------------------|
| Visible frame / threshold | 0 / 19 / 30 / 44 / 74 mm |
| Visible vent width | 68 mm |
| Visible vent - vent width | 131 / 153 mm |
| System depth | 68 mm |
| Max vent size | 1200x2500 mm |
| Max vent weight | 120 kg |
| Rebate height | 14 mm |
| Max glass thickness | 55 mm |

PERFORMANCE

| | |
|--|-------------------------------|
|  Thermal insulation (Uf) | Down to 1.7 W/m²K |
|  Acoustic performance (Rw (C; Ctr)) | 40 (-2; -4) dB |
|  Air Tightness | Up to 600 Pa (class 4) |
|  Wind load resistance | Up to 1200 Pa (class B3) |
|  Water Tightness | Up to 600 Pa (class 9A) |
|  Burglar resistance | Up to RC 2 (EN 1627) / PAS 24 |

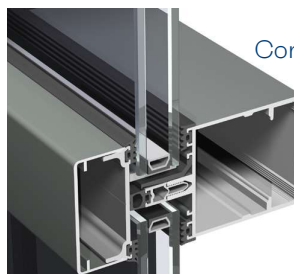


Reynaers
Aluminium

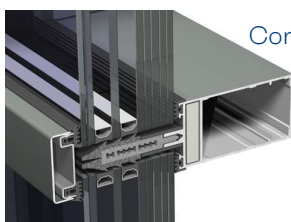
Reynaers Campus, Duffel, Belgium
Architect: Jaspers Evers Architects
Photo: Philippe Van Gelooven



ConceptWall 50



ConceptWall 60

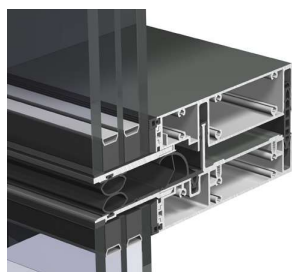


ConceptWall 50-FP



Reynaers
Aluminium

Façades



ElementFaçade 7



ConceptWall 86(-EF)



ElementFaçade 7-MF



Reynaers
Aluminium

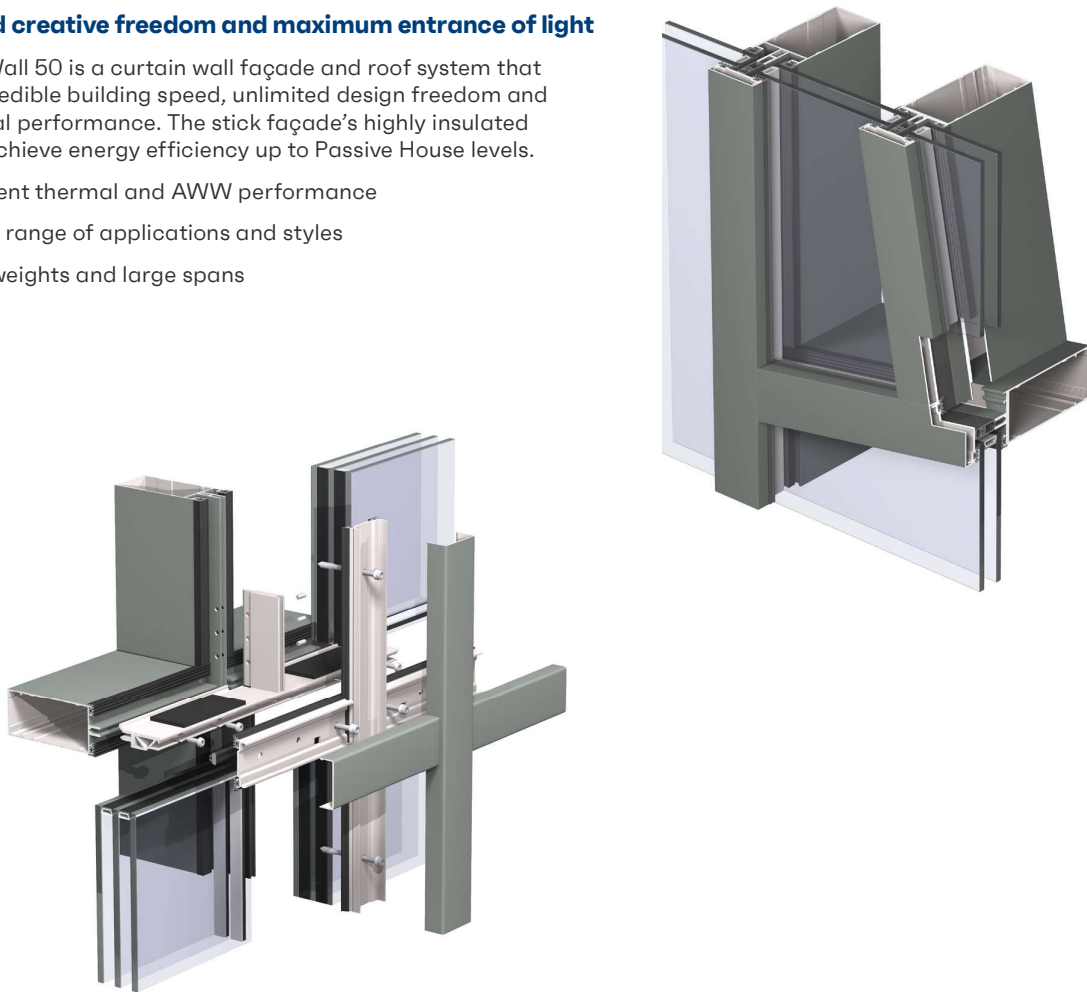
ConceptWall 50

Façades







Unlimited creative freedom and maximum entrance of light

ConceptWall 50 is a curtain wall façade and roof system that offers incredible building speed, unlimited design freedom and exceptional performance. The stick façade's highly insulated variants achieve energy efficiency up to Passive House levels.

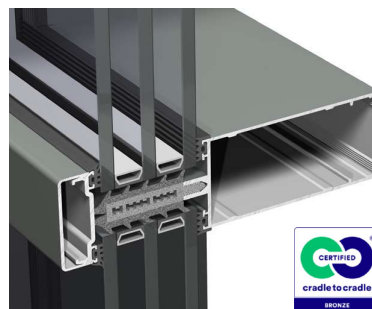
- Excellent thermal and AWW performance
- Broad range of applications and styles
- High weights and large spans



PERFORMANCE

| | |
|--|----------------------------------|
|  Thermal insulation (Uf) | Down to 0.56 W/m²K |
|  Acoustic performance (Rw (C; Ctr)) | 33 (-1; -3) dB / 60 (-2; -6) dB |
|  Air tightness | Up to 1950 Pa (class AE 1950) |
|  Wind load resistance | Up to 2400 Pa |
|  Water tightness | Up to 1950 Pa (class RE 1950) |
|  Burglar resistance | Up to RC 3 (NEN 5096 / ENV 1627) |

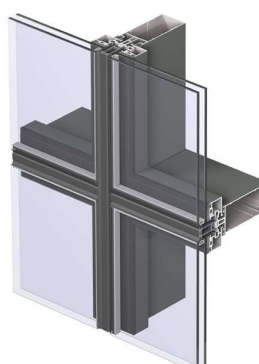
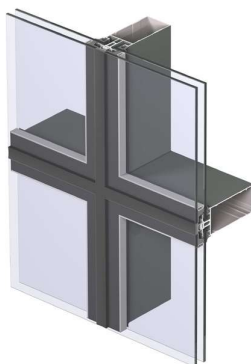
Performances and properties depend on size, profile combinations, hardware and infill choices.

**PROPERTIES****STANDARD**

| | |
|-----------------------|-----------|
| Inside visible width | 50 mm |
| Outside visible width | 50 mm |
| Glass thickness | 6 - 61 mm |

HIGH INSULATION

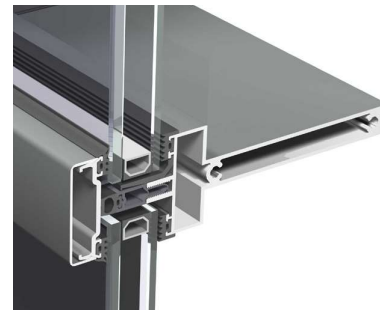
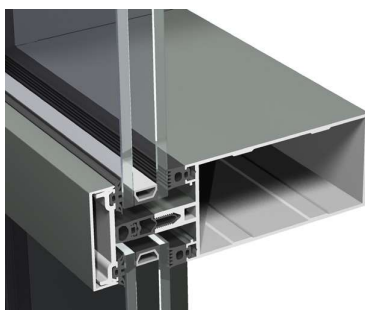
| | |
|-----------------------|------------|
| Inside visible width | 50 mm |
| Outside visible width | 50 mm |
| Glass thickness | 22 - 61 mm |

**PROPERTIES****STRUCTURAL CLAMPED**

| | |
|-----------------------|--------------|
| Inside visible width | 50 mm |
| Outside visible width | joint: 20 mm |
| Glass thickness | 27 - 63 mm |

STRUCTURAL GLAZED

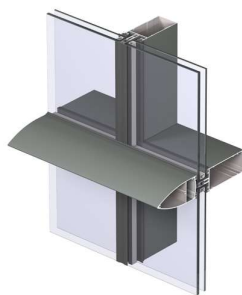
| | |
|-----------------------|---------------------------|
| Inside visible width | 50 / 88 mm |
| Outside visible width | EPDM gasket (width 27 mm) |
| Glass thickness | 24 - 36 mm |

**PROPERTIES****TRANSOM-TRANSOM**

| | |
|-----------------------|-----------|
| Inside visible width | 50 mm |
| Outside visible width | 50 mm |
| Glass thickness | 6 - 64 mm |

SLIMLINE

| | |
|-----------------------|------------|
| Inside visible width | 15 / 50 mm |
| Outside visible width | 50 mm |
| Glass thickness | 6 - 61 mm |



HORIZONTAL LINING



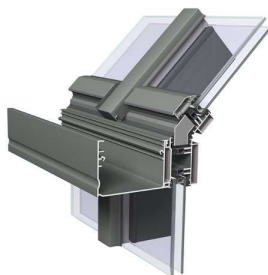
VERTICAL LINING

PROPERTIES

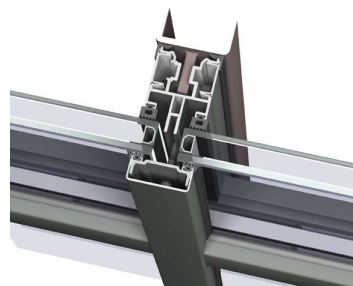
| |
|-----------------------|
| Inside visible width |
| Outside visible width |
| Glass thickness |

| |
|--|
| 50 mm |
| vertical: 30 mm joint horizontal: 50 mm |
| 22 - 48 mm |

| |
|--|
| 50 mm |
| vertical: 50 mm horizontal: 20 mm joint |
| 27 - 40 mm |



ROOF APPLICATION



ALU ON STEEL

PROPERTIES

| |
|-----------------------|
| Inside visible width |
| Outside visible width |
| Glass thickness |

| |
|-----------|
| 50 mm |
| 50 mm |
| 6 - 60 mm |

| |
|-----------|
| 50 mm |
| 50 mm |
| 6 - 61 mm |



HIDDEN VENT
(INWARD OPENING)



TOP HUNG & POW
(OUTWARD OPENING)

PROPERTIES

| |
|-----------------------|
| Inside visible width |
| Outside visible width |
| Glass thickness |

| |
|---|
| 23 / 80 mm |
| 50 mm |
| opening window: 22 - 28 mm (opening window SC: 29 - 32 mm) |

| |
|-------------------------------|
| 15 / 108 mm (FUNCTIONAL & SG) |
| 0 mm (SG) / 105 mm |
| 24 - 62 mm |

PERFORMANCE

| |
|-------------------------|
| Thermal insulation (Uf) |
| Air tightness |
| Wind load resistance |
| Water tightness |

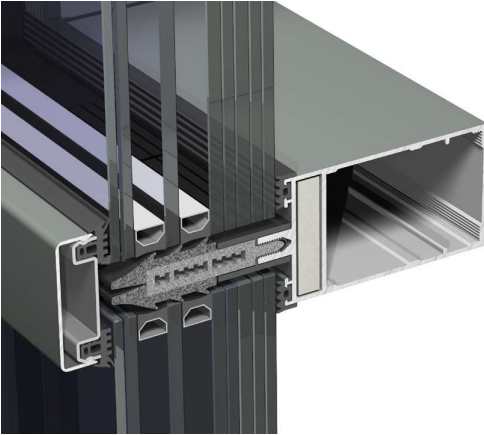
| |
|--|
| U _{tj} down to 5.5 W/m ² K |
| Up to 600 Pa (class 4) |
| Up to 1600 Pa (class C4) |
| Up to 1200 Pa (class E1200) |

| |
|--------------------------------|
| Down to 1.5 W/m ² K |
| Up to 600 Pa (class 4) |
| Up to 2000 Pa (class C5) |
| Up to 2100 Pa (class E2100) |

Performances and properties depend on size, profile combinations, hardware and infill choices.

ConceptWall 50-FP

Façades



Optimal fire protection, maximum daylight admission and excellent thermal performance.



In case your project needs fire protection, the ConceptWall 50-FP variant can create strategically placed fireproof zones where needed. With a maximum glass thickness of 78 mm triple glazed panes, the system enables uniform and high thermal performance throughout the whole façade surface.

- EW30, EI30, EI60 fire resistance
- High weights and large spans
- Compatible with MasterLine 8-FP doors

PROPERTIES

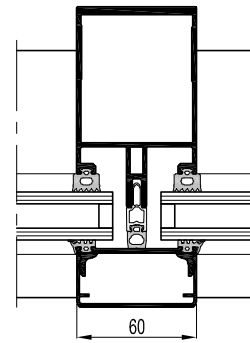
| | FIREPROOF 30 | FIREPROOF 60 |
|-----------------|---------------------------|---------------------------|
| Rebate height | 20 mm | 20 mm |
| Glass thickness | 34 - 78 mm | 34 - 78 mm |
| Glazing method | fixing by pressure plates | fixing by pressure plates |

PERFORMANCE

| | FIREPROOF 30 | FIREPROOF 60 |
|---|-----------------------|-----------------------|
| European testing standards | EN 1364-1 / EN 1364-3 | EN 1364-1 / EN 1364-3 |
| Classification standard | EN 13501-2 | EN 13501-2 |
|  Thermal insulation (Uf) | 0.8 W/m²K | 0.8 W/m²K |
|  Fire resistance classification | EW30, EI30 | EI60 |

ConceptWall 60

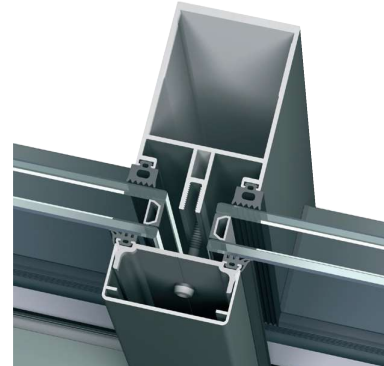
Façades









Solution for heavy glass panes

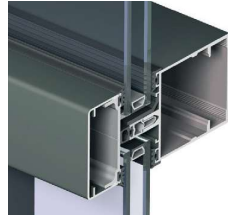
The ConceptWall 60 curtain wall system is ideal for higher wind load areas thanks to stronger aluminium profiles and larger glass rebates, compared to ConceptWall 50. Its functional design makes manufacturing and installation equally easy.

- Excellent thermal and AWW performance
- Freedom in both building shapes and profile design
- High weights and large spans



| PERFORMANCE | |
|--|---------------------------------|
|  Thermal insulation (Uf) | Down to 0.76W/m²K |
|  Acoustic performance (Rw (C; Ctr)) | 33 (-1; -4) dB / 56 (-1; -5) dB |
|  Air tightness | 600 Pa (class A4) |
|  Wind load resistance | Up to 2400 Pa |
|  Water tightness | Up to 1200 Pa (class RE 1200) |
|  Burglar resistance | Up to RC 3 (ENV 1627) |

Performances and properties depend on size, profile combinations, hardware and infill choices.

**PROPERTIES****STANDARD****HIGH INSULATION****STRUCTURAL CLAMPED**

Inside visible width

60 mm

60 mm

60 mm

Outside visible width

60 mm

60 mm

Silicon joint or EPDM gasket of
20 mm width

Glass thickness

6 - 62 mm

22 - 62 mm

27 - 63 mm

**PROPERTIES****STRUCTURAL GLAZED****HORIZONTAL/VERTICAL
LINING****ROOF APPLICATION**

Inside visible width

60 / 88 mm

60 mm

60 mm

Outside visible width

EPDM gasket of
27 mm widthmix of 20 / 30 mm joint
& 60 mm pressure plate

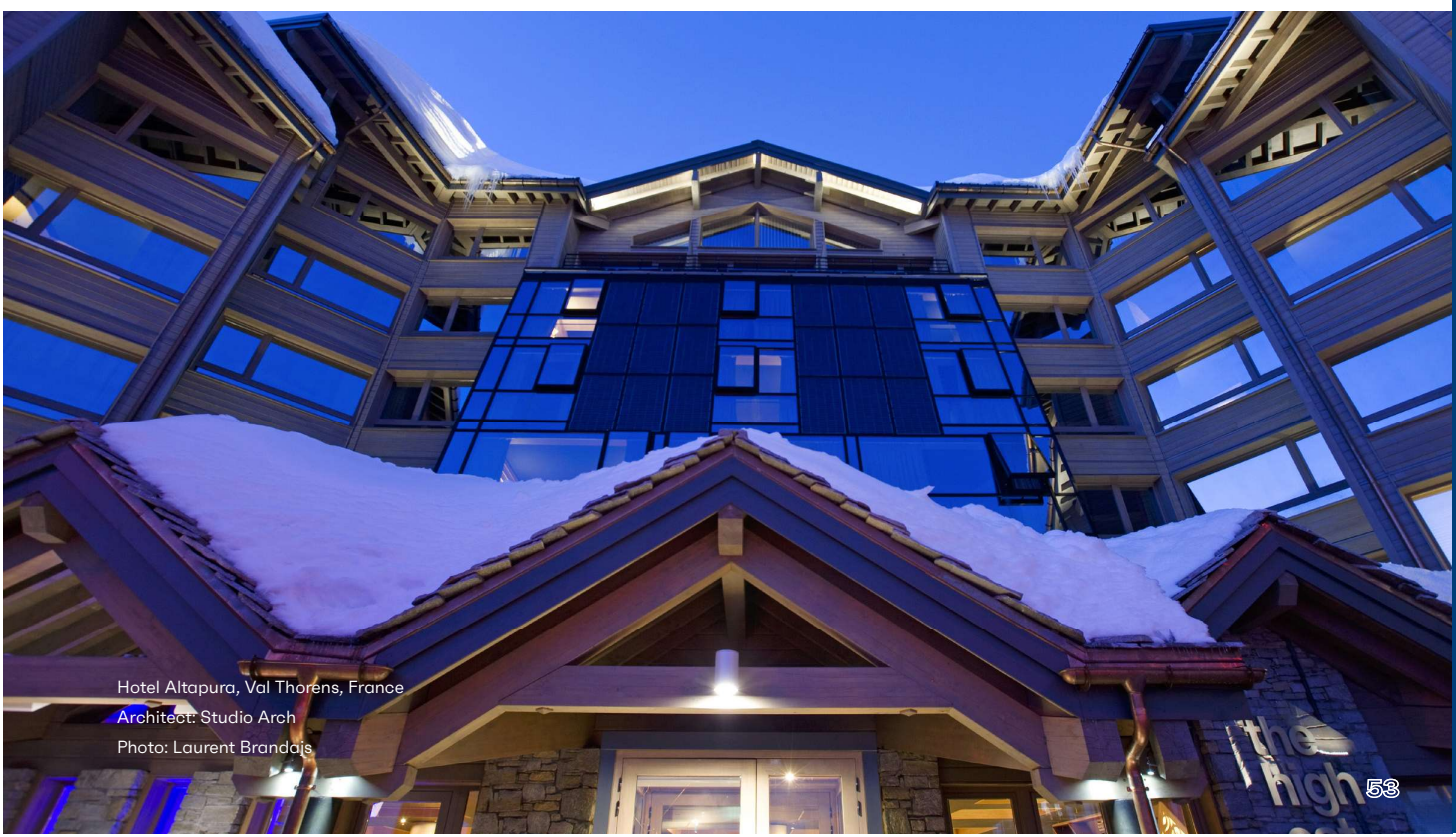
60 mm

Glass thickness

24 - 36 mm

22 - 48 mm

6 - 48 mm



Hotel Altapura, Val Thorens, France

Architect: Studio Arch

Photo: Laurent Brandais

the high 53

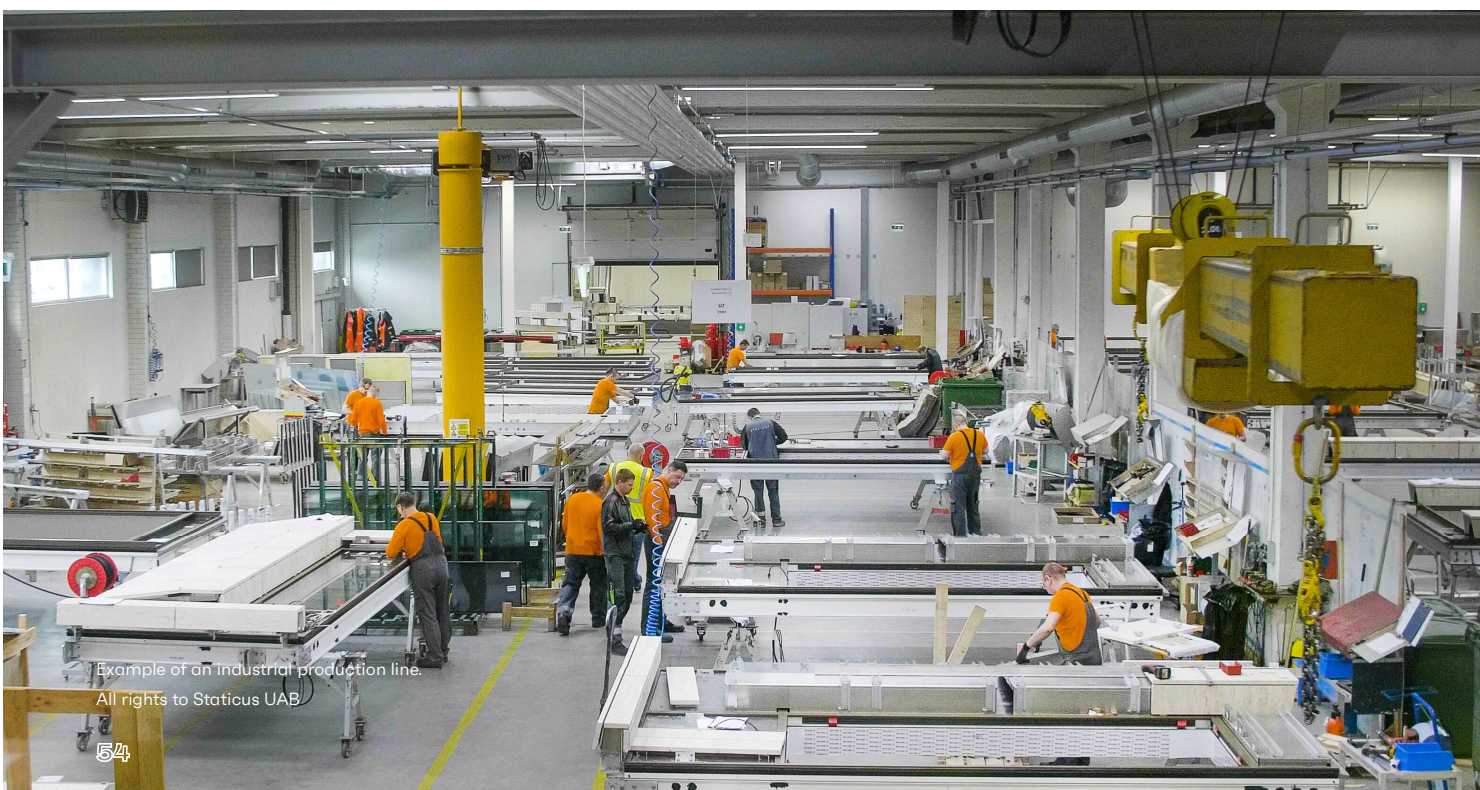
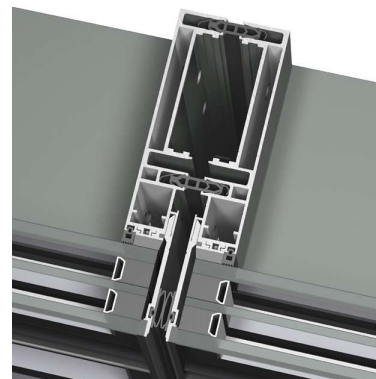
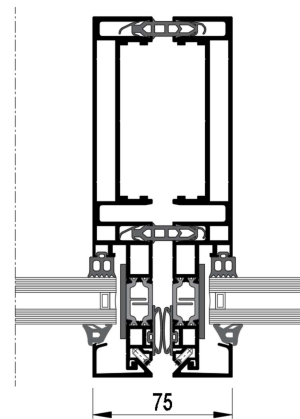
ElementFaçade 7

Façades

The element that builds the future

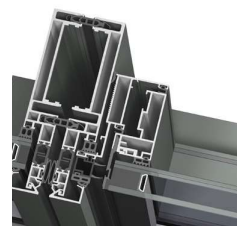
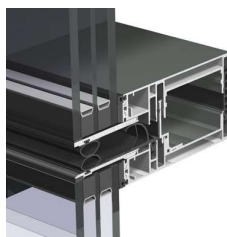
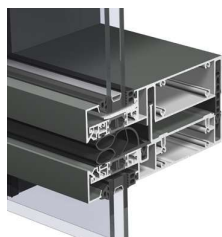
ElementFaçade 7 meets all contemporary architectural needs by offering an aesthetic, fast-to-produce and easy-to-install façade solution. The off-the-shelf unitised aluminium system combines intelligent design and reliable performance.






- Intelligent and versatile design
- Exceptional, predictable and reliable performance
- Fast in calculation, offering, assembly and installation



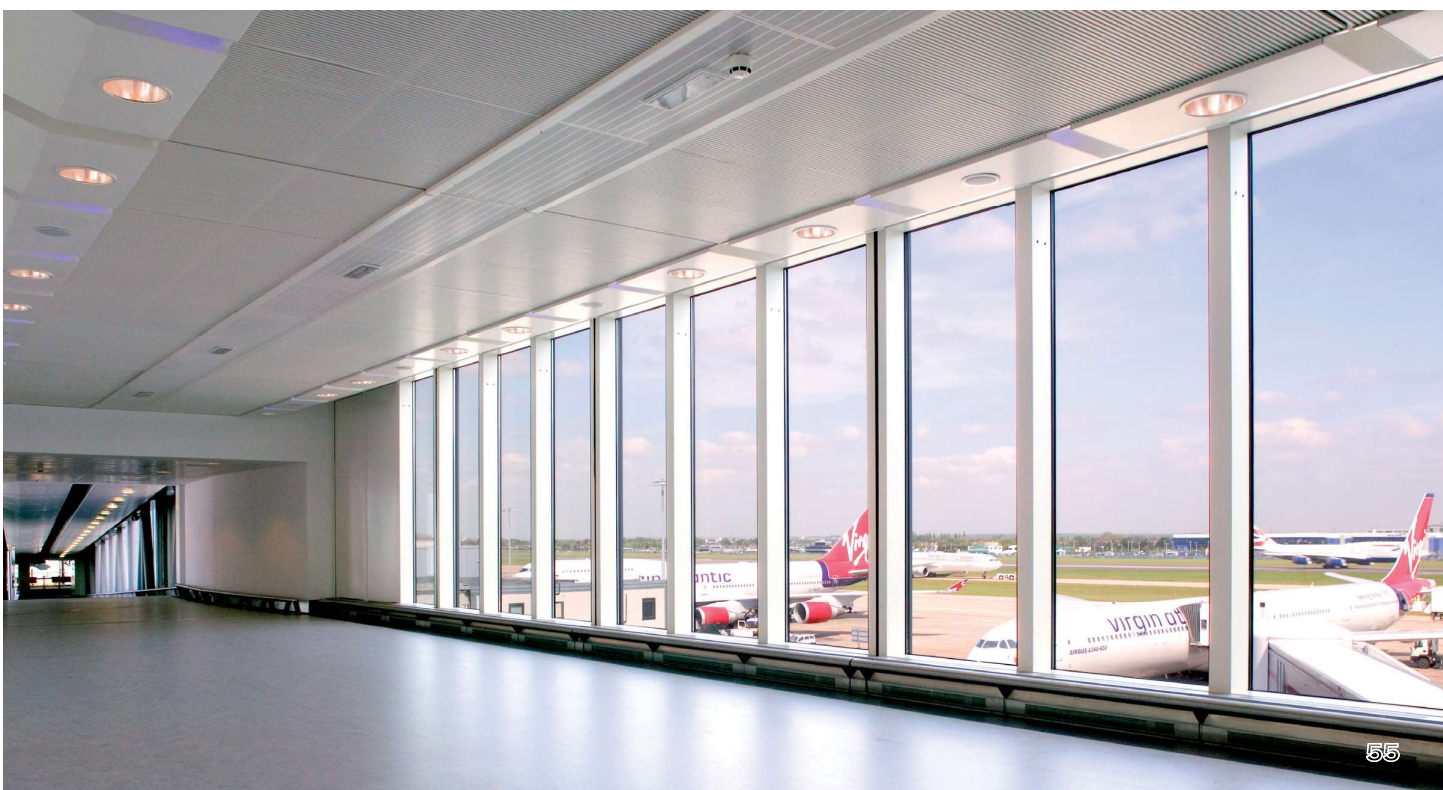
Example of an industrial production line.

All rights to Staticus UAB

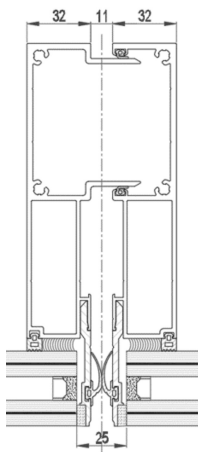


| PROPERTIES | GLAZING BEAD / STANDARD | STRUCTURAL GLAZED | OPENING ELEMENTS |
|---|---|---|--|
| Max. dimensions W x H | 2700 x 3700 mm | 2700 x 3700 mm | 2000 x 2500 mm |
| Interior visible width | 75 mm | 75 mm | 58 mm |
| Exterior visible width | 75 mm | 11 mm joint between glass | 58 mm (Fu) 20 mm joint (SG) |
| Glass thickness | 26 - 63 mm | 36 - 60 mm | 23 - 62 mm |
| Glass weight | 300 kg | 300 kg | - |
| Element weight | 700 kg | 700 kg | 180 kg |
| Types of vent | All Reynaers Aluminium systems, top hung window, POW window | All Reynaers Aluminium systems, top hung window, POW window | - |
| PERFORMANCE | GLAZING BEAD / STANDARD | STRUCTURAL GLAZED | OPENING ELEMENTS |
|  Thermal insulation | Uf down to 1.3 W/m²K | U _g down to 3.3 W/m²K | Uf down to 1.5 W/m²K (Fu) U _g down to 2.1 W/m²K (SG) |
|  Acoustic performance (Rw (C; Ctr)) | 43 (-2; -4) dB | 42 (-2; -4) dB | 41 (-2; -4) dB |
|  Air tightness | 1200 Pa (class AE1200) | 1200 Pa (class AE1200) | 600 Pa |
|  Wind load resistance | 2400 Pa | 2400 Pa | 2000 Pa |
|  Water tightness | 1200 Pa (class RE1200) | 1200 Pa (class RE1200) | 1500 Pa (class RE1500) |

Performances and properties depend on size, profile combinations, hardware and infill choices.







ElementFaçade 7-MF

Façades



Even broader range of construction methods

The ElementFaçade 7 already offers several ways of constructing the elements and the building with straight cuts or mitre cuts, and glazing beads or structural glued panels, or a combination of all of them.





The Male Female variant (SG only) of the EF 7 expands this offer, enables even faster installation times than the standard EF 7. Thanks to its simplified fabrication process, minimal number of components and clean finishing, this system offers an efficient, high-performance and aesthetical solution for any high-rise building project.

- Structurally glued, male-female element façade system
- Simplified production process, reducing errors on site and installation times
- High performance at competitive pricing

PROPERTIES

| | MALE - FEMALE |
|---------------------------|---|
| Max. dimensions W x H | 2200 x 3700 mm |
| Interior visible width | 75 mm |
| Exterior visible width | 25 mm |
| Glass thickness | 26 - 60 mm |
| Glass weight | 300 kg |
| Life load | -20 mm to +20 mm |
| Types of opening elements | Inward opening Hidden Vent & Outward opening POW / Top Hung |

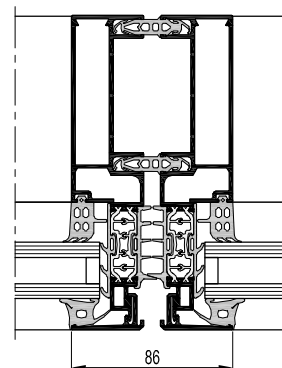
PERFORMANCE

| | |
|--|------------------------------------|
|  Thermal insulation (Ucw) | Down to 1.0 W/m²K (triple glazing) |
|  Air tightness | 1200 Pa (class AE1200) |
|  Wind load resistance | 2400 Pa |
|  Water tightness | 1200 Pa (class RE1200) |

Performances and properties depend on size, profile combinations, hardware and infill choices.

ConceptWall 86(-EF)

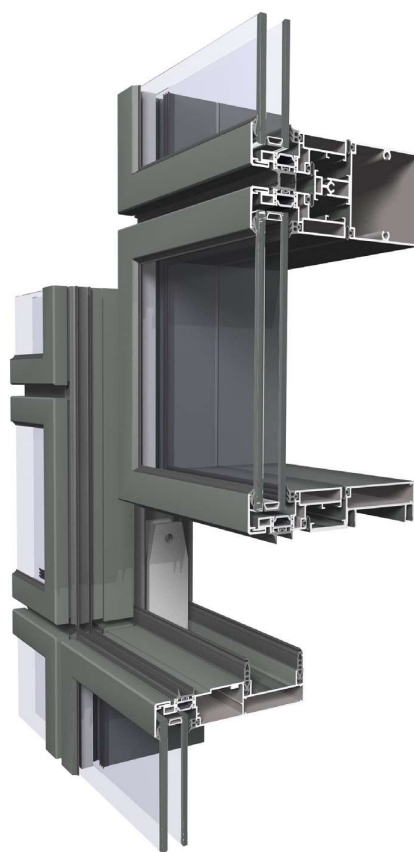
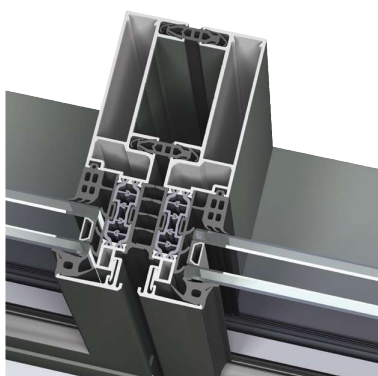
Curtain Walls









High execution speed

ConceptWall 86 is the perfect curtain wall system for large building projects. The well-insulated aluminium profiles are both easy to produce and easy to install, which makes them an efficient high-performance unitised façade solution.

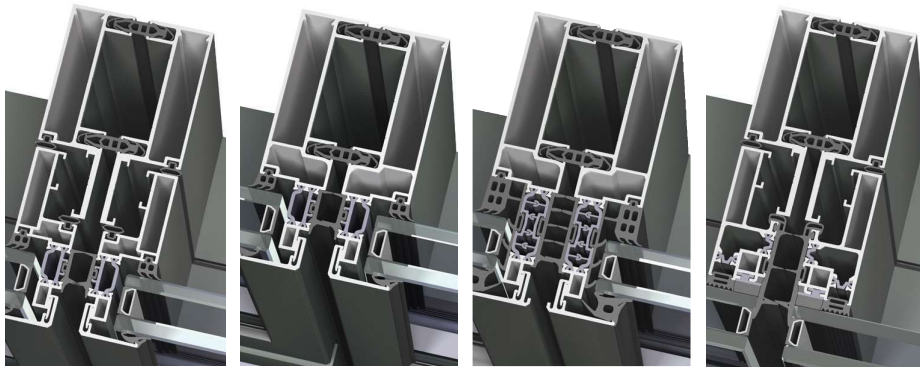
- Slimline design with minimal joints between the elements
- Excellent thermal and AWW performance
- High insulative compared with comparable sections



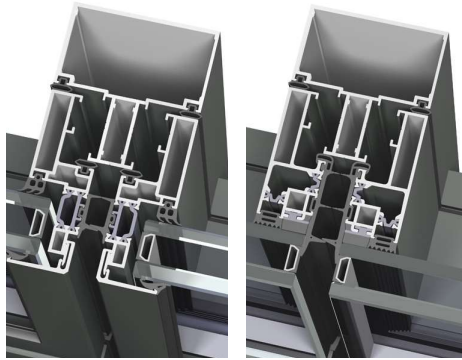
PERFORMANCE

| | | |
|---|------------------------------------|-----------------------------------|
|  | Thermal insulation (Uf) | Down to 1.5 W/m²K |
|  | Acoustic performance (Rw (C; Ctr)) | Up to 41 (-2; -6) dB |
|  | Air tightness | Up to 900 Pa (class AE900) |
|  | Wind load resistance | Up to 2000 Pa |
|  | Water tightness | Up to 1200 Pa (class RE1200) |
|  | Burglar resistance | Up to RC 2 (EN 1627) upon request |

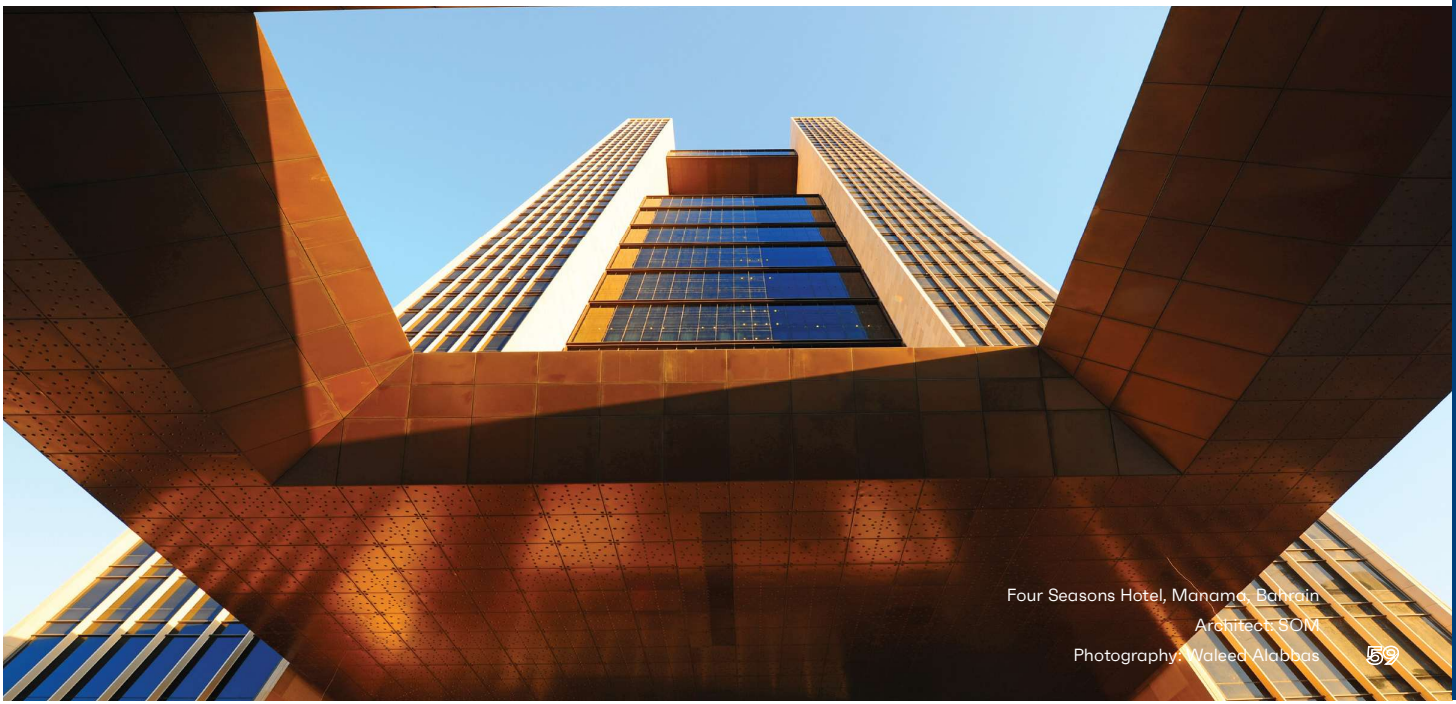
Performances and properties depend on size, profile combinations, hardware and infill choices.

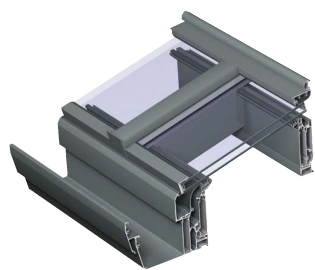


| PROPERTIES | GLAZING BEAD / STANDARD | FIXED (JUNIOR) | HIGH INSULATION | STRUCTURAL GLAZED |
|------------------------|--|-------------------------|-------------------------|---------------------------|
| Interior visible width | 86 mm (38.5 - 9 - 38.5) | 86 mm (38.5 - 9 - 38.5) | 86 mm (38.5 - 9 - 38.5) | 86 mm (38.5 - 9 - 38.5) |
| Exterior visible width | 68 mm (26 - 16 - 26) or 86 mm (35 - 16 - 35) | 86 mm (35 - 16 - 35) | 86 mm (38.5 - 9 - 38.5) | 22 mm joint between glass |
| Glass thickness | 4 - 38 mm | 6 - 38 mm | 30 - 50 mm | 4 - 36 mm |

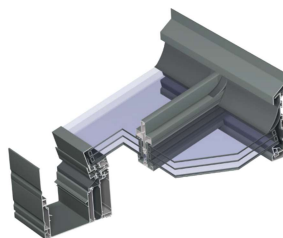


| PROPERTIES | SEMI GLAZING BEAD | SEMI STRUCTURAL GLAZED |
|------------------------|--|---------------------------|
| Interior visible width | 86 mm | 86 mm |
| Exterior visible width | 68 mm (26 - 16 - 26) or 86 mm (35 - 16 - 35) | 22 mm joint between glass |
| Glass thickness | 4 - 38 mm | 4 - 36 mm |

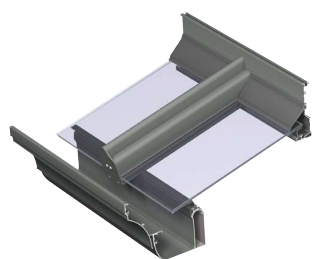




ConceptRoof 120



ThermoRoof 200



ParallelRoof 100



Cintro

Conservatories & Skylights

CONSERVATORIES & SKYLIGHTS



MasterLight



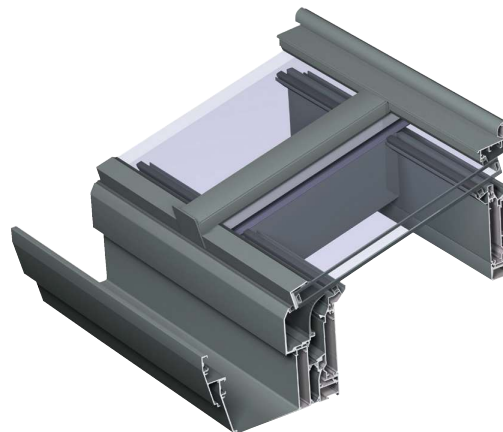
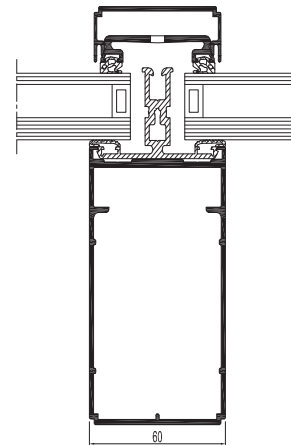
Reynaers
Aluminium

ConceptRoof 120




Conservatories

ConceptRoof 120 is a high-end conservatory system that offers a wide range of design options to match any winter garden style perfectly. Available in three different style variants, the profiles seamlessly blend in with our other aluminium systems.

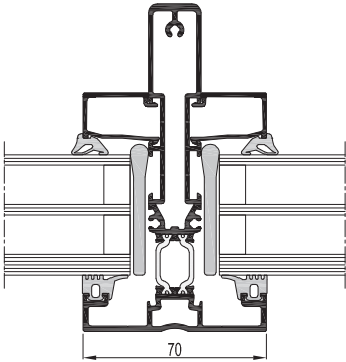
- Our most versatile conservatory solution
- Design freedom
- Combine with opening elements



| PROPERTIES | FUNCTIONAL | RENAISSANCE | ORANGERY |
|------------------------------|---|-------------|----------|
| Min. visible width of rafter | 60 mm | | |
| System depth of rafter | 70 / 100 / 120 / 150 mm | | |
| Slope | 5° - 25° | | |
| Rooftop | 120° - 180° | | |
| Glass thickness | 6 - 40 mm | | |
| Glazing method | Dry glazing with EPDM or neutral silicones | | |
| Thermal insulation | Omega-shaped fiberglass reinforced polyamide strips + synthetic profile | | |

| PERFORMANCE | |
|--|--|
|  Thermal insulation | For specific calculation per profile combination: please contact your Reynaers Aluminium fabricator. |
|  Wind load resistance | Up to 800 Pa (class 2) |
|  Water tightness | Up to 1050 Pa (class E1050) |

Performances and properties depend on size, profile combinations, hardware and infill choices.

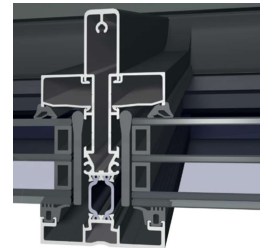
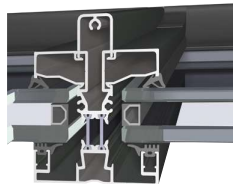
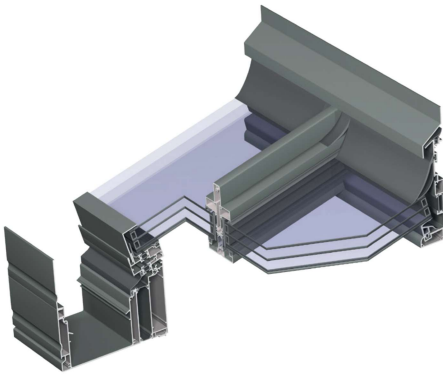


ThermoRoof 200

Conservatories

ThermoRoof 200 is a thermally insulated conservatory system that allows sunshine to enter from every angle. Its sturdy yet slim aluminium rafters support vast surfaces of double or triple glazing and can easily withstand heavy snow loads.

- Excellent thermal insulation by enabling triple glazing
- Multiple gutter designs available
- Combine with opening elements



PROPERTIES

Overall system depth of rafter

Style variants

Min. visible width of rafter

Slope

Construction options

Glass thickness

DOUBLE GLAZING

inside: 18 mm
outside: 23 - 58 mm

Functional / Renaissance / Ellipse

70 / 99 / 128 mm

5° - 45°

Hip and valley

6 - 40 mm

TRIPLE GLAZING

inside: 14,5 mm
outside: 38 mm

Functional / Renaissance / Ellipse

70 / 99 / 128 mm

5° - 45°

Hip

30 - 62 mm

PERFORMANCE



Thermal insulation



Air tightness



Wind load resistance



Water tightness

U value rafter down to 1.8 W/m²K
For specific calculation per profile combination:
please contact your Reynaers Aluminium fabricator.

Up to 600 Pa (class 3)

Up to 800 Pa (class 2)

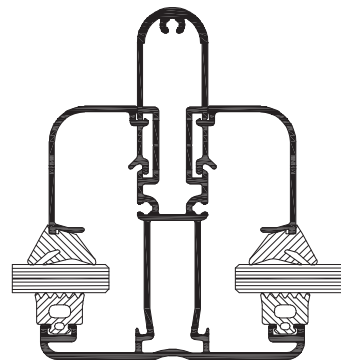
Up to 900 Pa (class E)



Reynaers
Aluminium

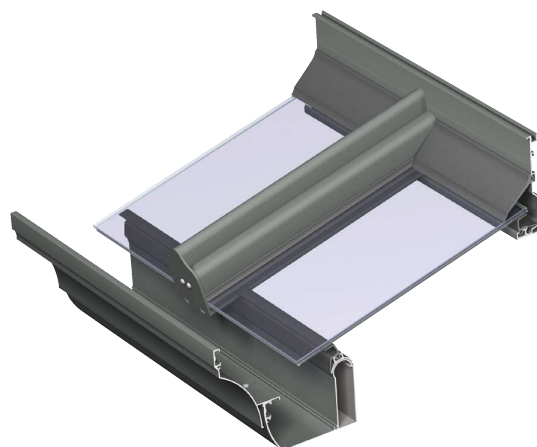
ParallelRoof 100

Conservatories



ParallelRoof 100 is a non-insulated conservatory system that provides the perfect solution for any winter garden, terrace covering, or carport. The sturdy aluminium profiles can withstand the toughest weather conditions all year long.

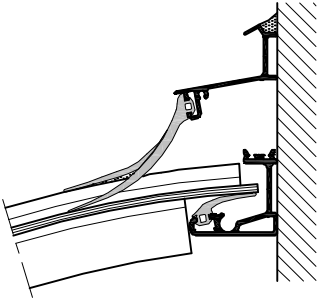
- Non-insulated, perfect for winter gardens and terrace coverings
- Minimalist design
- Exact colour match with our other products



| PROPERTIES | SOFTLINE |
|------------------------------|-----------------------|
| Height of rafter | 100 - 150 mm |
| Min. visible width of rafter | 75 - 105 mm |
| Slope | 5° - 45° |
| Glass thickness | 8 - 37 mm |
| Glazing method | dry glazing with EPDM |

Performances and properties depend on size, profile combinations, hardware and infill choices.





Cintro

Conservatories



The Cintro curved roof system is the perfect match for all arched spans as it covers walkways, carports, and other home extensions alike. The streamlined aluminium system offers yearlong protection against all kinds of weather conditions.

- Economic solution to provide protection against the elements
- Even for narrow setups like single walkways
- Minimalist design

PROPERTIES

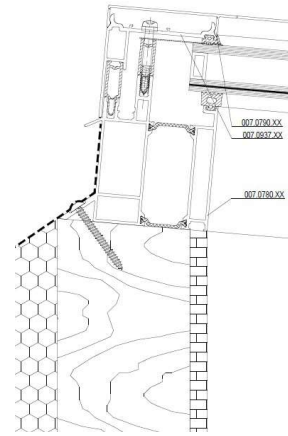
| | CINTRO |
|--------------------------------|-----------------------------------|
| Inner visible width | 60 mm |
| Outer visible width | 60 mm |
| Height of the covers | 8 mm |
| Height of the bearing profile | 8 – 35 mm |
| Inertia of the bearing profile | $I_x = 0.2$ to 9.8 cm^4 |
| Filling thickness | 2 - 32 mm |



Reynaers
Aluminium

MasterLight

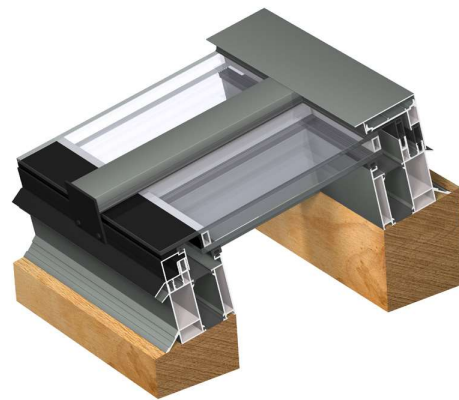
Skylights







The sky is the limit

This skylight will help you creating sunny spaces in new build or renovation projects. It perfectly integrates with a flat or angled roof, and is ready to accommodate double or triple glazing.

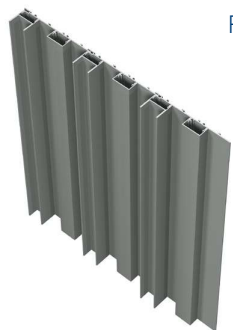
- High performance skylight
- High-quality aesthetical finish
- Ready for energy-efficient triple glazing



| PROPERTIES | SINGLE / MULTIPLE PANELS |
|--|---|
| Min. visible frame height | 145 mm |
| Min. visible frame depth | 96.3 mm |
| Min. visible rafter width | 50 / 60 mm |
| Min. visible rafter height | 24 - 88 mm |
| Slope | 2° - 30° |
| Rebate height | 30 mm |
| Glass thickness | 28 - 53 mm |
| Max size and weight of glass | Check with glass supplier |
| PERFORMANCE | |
|  Thermal insulation | U _{tj} value down to 2.8 W/m²K |
|  Air tightness | Up to Class 4 |
|  Wind load resistance | Up to 1600 Pa (class 4) |
|  Water tightness | Up to 750 Pa (E750) |

Performances and properties depend on size, profile combinations, hardware and infill choices.





Paralline



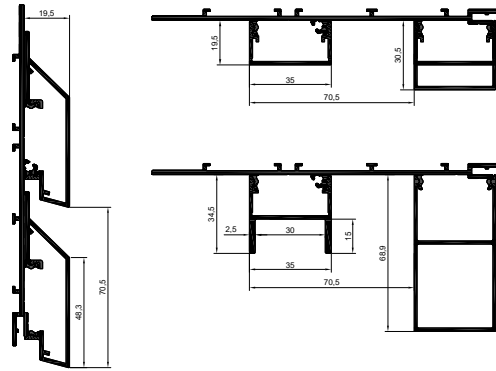
Reynaers
Aluminium

Cladding

OPTIONS

Paralline

Cladding

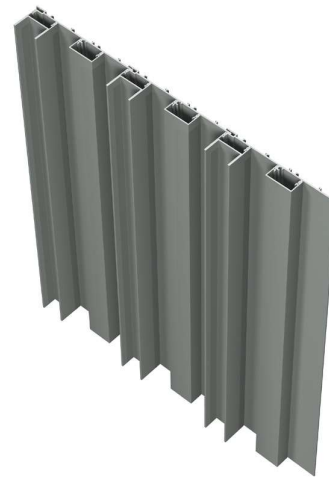


Little effort, to make your home unique

Paralline aluminium façade cladding combines sustainable elegance and unlimited creative freedom in all its design variants. The new product line helps to create one-of-a-kind homes and buildings with only a few aluminium profiles.

Cladding can be installed on the wall with the base plates, but can also run over windows for a semi-open view.

- Your one-stop shop for aluminium joinery
- Endless design options
- Available in all colours of our product offer

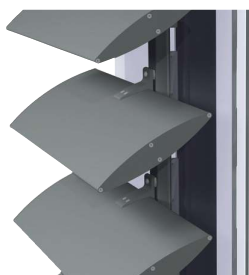


| DESIGN OPTIONS | LOW | MID | HIGH |
|----------------|-----|------------|-------|
| | | | |
| | FIN | HORIZONTAL | COMBO |
| | | | |





La Salle, Barcelona, Spain
Architect : Robert y Esteve Terradas Muntañola



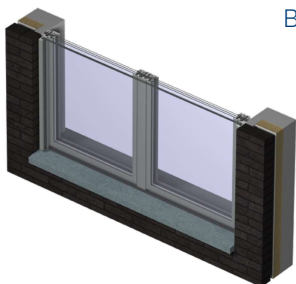
Solar Shading



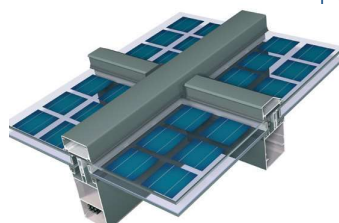
Flyscreen

Options

OPTIONS



Balustrades



PV / Solar panels



Reynaers
Aluminium

Solar shading

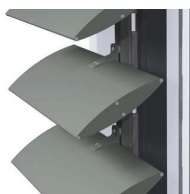
Options

Complete shading solutions

Regulating daylight entrance affects people's comfort, but it also contributes to the energy efficiency of your building. From flexible roll-up screens to fixed or moveable structural profiles, Reynaers Aluminium solar shading solutions come in all shapes, colours and finish types for an optimal customised experience.



| PROPERTIES | BRISESOLEIL 100 PRE-ASSEMBLED FRAME | BRISESOLEIL 100 FIXED LOUVRE | BRISESOLEIL 100 MOVABLE LOUVRE |
|---------------------|--|---|-----------------------------------|
| Shape louvres | ellipse | ellipse | ellipse |
| Size louvers | 140 / 180 mm | 120 - 400 mm | 120 - 400 mm |
| (Fixed) angle | 45° | 0° / 15° / 30° / 45° / 60° / 75° / 90° | variable |
| Walkway application | yes | yes | yes |



| PROPERTIES | BRISESOLEIL 100 LOUVRE GRIP | BRISESOLEIL 100 GLASS LOUVRES | BRISESOLEIL 30 FRAME SYSTEM |
|---------------------|--------------------------------|--|--------------------------------|
| Shape louvres | ellipse | hardened glass | z-shaped |
| Size louvers | 200 / 250 / 300 mm | 366 x 10 / 12 / 14 / 17 mm | 90 mm wide x 60 mm high |
| (Fixed) angle | 0° / 15° / 30° / 45° | 0° / 15° / 30° / 45° / 60° / 75° / 90° and variable | yes |
| Walkway application | no | yes | yes |

Performances and properties depend on size, profile combinations, hardware and infill choices.

Flyscreen

Options

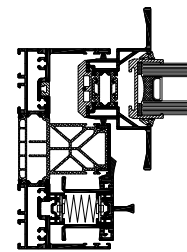
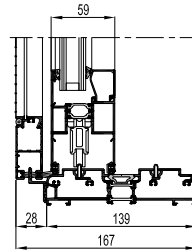
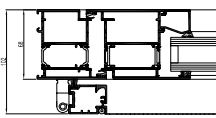
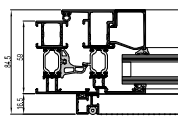


Keep out insects

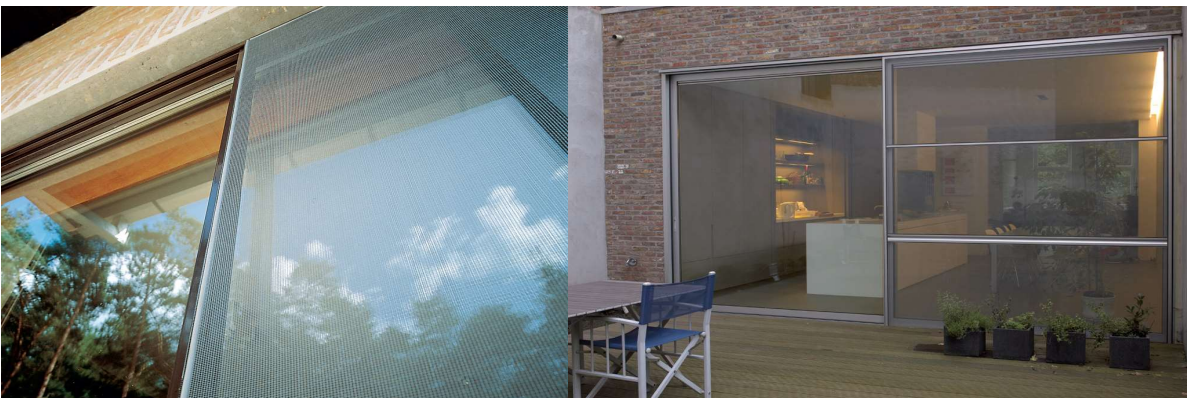
Flyscreen/Mosquito is a wire screen system, mounted on or integrated in a window, door or sliding door, which keeps out insects with a minimal interference of the view outside. The insect screen concept allows the windows, doors or sliding doors to be opened or closed without removing it. For the sliding insect screen, the rail is situated above or at the bottom of the door, assuring optimal comfort.

The Mosquito system is an add-on system, compatible with all Reynaers Aluminium window, door and sliding door systems as well as systems from other system suppliers, even non aluminium windows like wood and PVC.

The Flyscreen is integrated inside the frame of a sliding system, and can be invisibly folded away when not in use. It is available on MasterPatio and HiFinity, and possible to retrofit in most cases.



| PROPERTIES | WINDOWS | DOORS | SLIDING SYSTEMS | |
|--------------|---|--|--|-----------------------|
| System depth | 15 / 22 mm | 28 mm | 28 mm | integrated in frame |
| Type | Fixed element size, fixed position | Fixed element size, hinged on side | Fixed element size, sliding on dedicated rail | Plissé / Folding mesh |
| Corners | pre-formed synthetic supporting corner pieces, or aluminium clampable corner. | pneumatically crimped aluminium corner, or aluminium clampable corner. | pneumatically crimped aluminium corner, or aluminium clampable corner. | - |



Balustrades

Options

Ensured safety

Reynaers Balustrades are available to provide additional safety to its systems. All of them are tested under supervision of independent notified bodies and/or in renowned test centres according to the most stringent European standards.

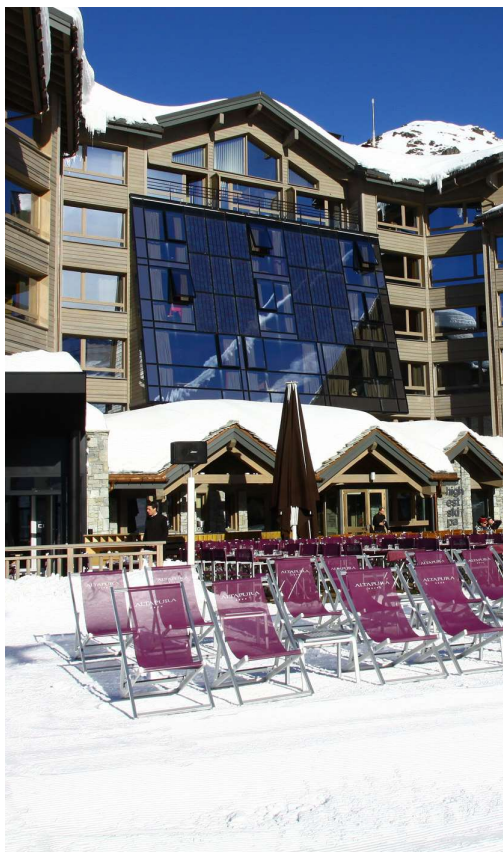
To match your style perfectly, the balustrades are available in multiple styles. Besides the traditional set-up of a standalone balustrade with aluminium profiles, Reynaers Balustrade 10 can also be combined with panels, like multilayered glass, plexiglas or acrylic sheets.

The Reynaers Balustrade Glass is an add-on system that is completely transparent so it does not obstruct the view, and the Integrated Glass Balustrade is the ultimate minimalistic solution, seamlessly integrated in the window system. Both of these systems allow you to safely open windows and doors, even without the presence of a balcony.



| TECHNICAL PROPERTIES | STANDARD | GLASS | INTEGRATED GLASS |
|----------------------|--|---|-------------------------------|
| Max glass thickness | 15 / 22 mm | 21 mm | Profile dependant |
| Compatible with | Standalone | All systems wide enough to fully support the vertical profiles. | MasterLine 8 MasterLine 10 |
| Standards | STS 54 NEN 6702 NF P01-013 Polish system approval | EN 13049 NEN-EN-1991-1-1 | EN 13049 NEN-EN-1991-1-1 |

Performances and properties depend on size, profile combinations, hardware and infill choices.



PV/Solar panels

Options

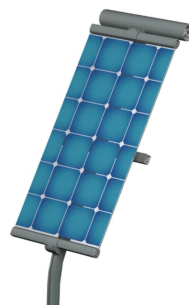
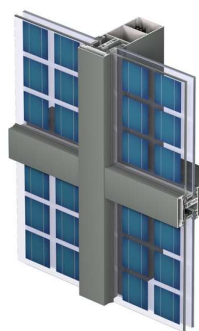
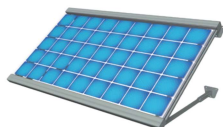
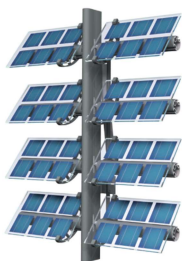
Towards a green future

Reynaers Aluminium provides durable solutions in general, but these complementary products take it to the next level. By enabling the integration of photovoltaic glass panels, the façade becomes an energy source. There are solutions for sunscreens, balustrades and façade systems.

ConceptWall 60 Solar is the aesthetically pleasing high tech green energy solution, ideal for wall and roof application. The system, which is completely insulated, has been designed to completely avoid shadow on the cells.

The BriseSoleil systems combine 2 energy efficient concepts: harvesting solar energy and protecting the inside climate from overheating.

All variants can handle all 3 types of PV panels: mono- and polychrystalline, and amorphous cells.



| TECHNICAL PROPERTIES | BRISESOLEIL 100 | BRISESOLEIL 30 | CONCEPTWALL 60 | REYNAERSBALUSTRADE 10 | |
|----------------------|--|---|--|---|--------------------------|
| | | | | Accessible balconies | Non-accessible balconies |
| Filling type | Glass edged photovoltaic modules, semi transparent or normal, crystalline or amorphous, single glassed, side PV panel box or back PV panel box | Standard or glass edged photovoltaic modules, semi transparent or normal, crystalline or amorphous, single glassed, back PV panel box | Glass edged photovoltaic modules, semi transparent or normal, crystalline or amorphous, single or double glassed, side PV panel box or back PV panel box | Standard or glass edged photovoltaic modules, semi transparent or normal, crystalline or amorphous, single glassed, back PV panel box | |
| Inclination | 0° - 45° | 15° - 45° | 5° - 90° | 90° | 60° - 90° |



Reynaers
Aluminium



Contour



Touch



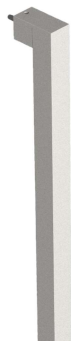
Horizon

Handles

HANDLES



Olimpo



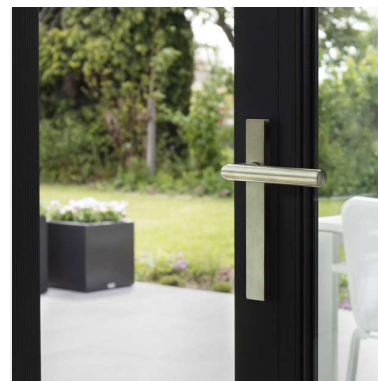
DoorPulls



Reynaers
Aluminium

Contour





Handles



Modern safety

Contour is a range of robust stainless-steel handles that meets even the strictest durability and safety demands. Fresh and modern design ensures the burglar-resistant solutions easily integrate with most of our systems and opening types.

- Robust and hygienic stainless steel
- Safety variants with a modern look
- Available for our complete range of opening types

| PRODUCT GROUPS | WINDOWS | DOORS |
|-------------------|---|---|
| |  |  |
| | LIFT- SLIDING | SLIDING / FOLDING |
| |  |  |
| FEATURES | | |
| Surface treatment | stainless steel | |
| Colours | stainless steel | |
| Options | short shield, long shield, lockable, pull protection, with/without cylinder, ... | |
| Use | doors, inward opening windows, sliding + lift-slide doors, folding doors | |

For a full overview of all possibilities, please check the dedicated Handles Overview brochure.







Touch

Handles

Timeless and versatile

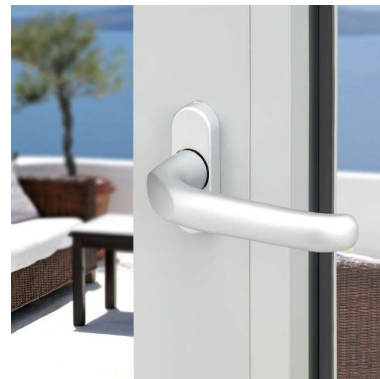
The Touch handle series offers a sleek, elegant and slim hardware solution that matches windows, doors, sliding doors, and folding doors alike. The high-end handles are available in all RAL colours, including textured and anodised finishes.

- High-end quality, elegant design
- Available for our complete range of opening types
- Available in all RAL colours including textured and anodised

| PRODUCT GROUPS | WINDOWS | DOORS |
|-------------------|---|---|
| |  |  |
| | LIFT- SLIDING | SLIDING / FOLDING |
| |  |  |
| FEATURES | | |
| Surface treatment | anodised or powder-coated | |
| Colours | available in all RAL colours and textures (same as the profiles) | |
| Options | roseless, short shield, long shield, lockable, pull protection, with/without cylinder, reduced depth, ... | |
| Use | doors, inward opening windows, sliding + lift-slide doors, folding doors | |

Horizon





Handles



Contemporary renovation

Horizon handles merge seamlessly into any aluminium window, door, or sliding system thanks to their exceptionally sleek design. The versatile handles fit perfectly into every architectural style, offering an ideal match for renovation projects.

- Organic and sleek shape
- Available in all RAL colours including textured and anodised
- Perfect for renovation projects

| PRODUCT GROUPS | WINDOWS | DOORS |
|-------------------|---|---|
| |  |  |
| | LIFT- SLIDING | SLIDING / FOLDING |
| |  |  |
| FEATURES | | |
| Surface treatment | anodised or powder-coated | |
| Colours | available in all RAL colours and textures (same as the profiles) | |
| Options | roseless, short shield, long shield, lockable, with/without cylinder, reduced depth, panic handles, ... | |
| Use | doors, inward opening windows, sliding + lift-slide doors, folding doors | |

For a full overview of all possibilities, please check the dedicated Handles Overview brochure.