

Good to be together

BAU Munich – April 17-22, 2023

Quatuor, Brussels, Belgium

Architect: Jaspers-Eyers Architects

Picture: Philippe Piraux

 **BAU 2023**
April 17-22 • Munich

bau-muenchen.com



**Reynaers
Aluminium**

Windows.
Doors.
Façades.

Together for better

www.reynaers.com

ABOUT REYNAERS ALUMINIUM

“Together we are improving the living and working environment for people now and for future generations. We blend design, technology and digitalisation in innovative solutions that add value and inspire our partners to create sustainable buildings.”

As part of Reynaers Group, Reynaers Aluminium is a leading specialist in the development and marketing of innovative, sustainable aluminium solutions for windows, doors and façades. Together with our partners, we focus on creating energy-efficient, responsibly made products that make a difference for homes, buildings and the people they serve.

Reynaers Aluminium is founded in 1965 and currently employs over 2,600 workers in more than 40 countries worldwide. The company exports to more than 70 countries on 5 different continents. In 2022, Reynaers Group achieved an annual turnover of 756 million euros.

The company's success is strengthened by our close partnership with 5,000 partner fabricators, architects, and project developers worldwide. This unique cooperation reflects in our motto: Together for better.

At Reynaers Campus, our headquarters in Belgium, we focus on sharing knowledge and experience with architects, fabricators, contractors and other building partners while inspiring them with new technologies. Next to the Technology, Training and Automation Centre, Reynaers Campus also has its own Experience Centre where future buildings can be explored in our virtual reality room Avalon.

For more information: www.reynaers.com



Together for better Services

At Reynaers Aluminium, we want to make your life as easy as possible. That is why next to our range of high-quality products, we offer a number of smart professional services, specifically designed to help you grow your business by streamlining processes and boosting sales.

Our ecosystem of professional services covers all aspects of your business. Whether you want to generate leads, streamline production processes or become an expert on one of our latest innovations: we have got you covered.







Visualisation & Design

Bring your projects to life and inspire partners with our visualisation and design tools.

BIM – Add technical models of Reynaers Aluminium products into your BIM projects

Product & Calculation

Configure your ideal product solution from scratch, with the help of our product information documents or our configuration and calculation software tools.

- **ReynaPro** – Calculate projects, order products and optimise your production in one versatile software tool
- **ReynaQuote** – Allow your sales or dealers to easily configure products and instantly create price proposals





Production & Machines

Optimise your daily workflow in an instant with the help of our production and machinery solutions.

- **ReynaFlow** – Monitor and manage your production workflow with our manufacturing solution
- **Machines** – Access the ideal machine and tooling solutions for your business, from order to implementation

Training & Support

Get supported with a variety of helpful tools and services, readily available when you need it most.

- **Customer Portal** – Get access to the latest technical information and user-friendly tools
- **Training Courses & Videos** – Register for our physical training sessions or watch one of our online training videos to improve your skillset



NEW

DigiTrace, our digital product passport

Try it out at BAU 2023! Scan the QR code on an element's tag to discover DigiTrace, a digital key to unlock relevant data of your Reynaers Aluminium element. It gives building owners and other stakeholders access to relevant information about the product, including system characteristics, maintenance instructions or CE passport. Moreover, DigiTrace allows building owners to report issues in an instant.

Together for better Products

Our high-quality systems meet the most stringent demands in terms of comfort, security, architectural design, and energy-efficiency. At BAU 2023 we take the opportunity to demonstrate our flagship products as well as showcase our latest innovations.



Windows & Doors

- **MasterLine 8**
Residential Pivot Door
- **MasterLine 8**
XL Pivot Door
- **MasterLine 8**
Fireproof Door **NEW**
- **SlimLine 38**
Ultra Slim Door **NEW**
- **MasterLine 10**
Combined element with
Flush Door



Sliding systems

- **MasterPatio**
Lift & Slide Sliding Door
- **MasterPatio**
Vertical Slider **NEW**
- **HiFinity**
Motorised Pocket Sliding Door
with Glass Corner



Façades

- **ConceptWall 50**
Fireproof Façade with
integrated MasterLine 8 Door
- **ConceptWall 60**
Hidden Vent **NEW**
- **ElementFaçade 7**
Structural Glazed and Glazing
Bead Façade
- **SlimWall 35**
Mullion Transom Façade
with Outward Opening
Window **NEW**



MasterLine 8

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



Residential Pivot Door

At BAU 2023, we demonstrate the pivot door that serves excellent purpose for entrance doors. We show you a version with panel and looking glass. Dline fingerprint scanner is integrated in the doorpull to activate the electronic lock.



Maximum dimensions and weight	1.7x3m at 200kg
Air / Wind / Water performance	4 / C3 / 4A
Thermal values (Uw)	0.93 W/m²K at 1.23x2.18m (triple)
Burglarproof rating	RC2



XL Pivot Door

Our XL pivot door is conceived for commercial or public spaces. This XL Pivot Door is available as a standalone entrance door or as a combined element with multiple vents next to each other. Our Pivot at BAU 2023 is displayed in impressive XL format with integrated fingerprint scanner for additional comfort and security.



Maximum dimensions and weight	2.5x4m at 500kg
Air / Wind / Water performance	3 / C2 / 4A
Thermal values (Uw)	0.81 W/m²K at 2.5x4m (triple)
Burglarproof rating	-

NEW**Fireproof Door**

Our MasterLine 8 platform is now also available as a fire resistant solution. Fast and easy in production, offering a highly insulating end result, as expected from this flagship product. The magnetic contact is certified for integration in fireproof doors.



Maximum dimensions and weight	1.3x3m at 250kg
Air / Wind / Water performance	3 / C3 / 7A
Thermal values (Uf)	2.5W/m²K
Burglarproof rating	-

**SlimLine 38**

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.

NEW**Ultra Slim Door**

Our renewed SlimLine 38 door, as we present it at BAU 2023, now comes with even slimmer profiles thanks to an integrated short lock case. This Cradle to Cradle Certified® Bronze solution is mounted with a certified magnetic contact, which enables intrusion detection and provides status signals for HVAC.



Maximum dimensions and weight	1.2x2.8m at 150kg
Air / Wind / Water performance	4 / C4 / 9A
Thermal values (Uw)	1.0 W/m²K at 1.23x2.18m (triple)
Burglarproof rating	RC2



MasterLine 10

MasterLine 10 aluminium windows and doors are the perfect match for low-energy and passive building projects thanks to their sustainable design. The Passive House and Minergie-certified solution combines maximum daylight access, optimal performance, and safety without compromise on design.



Combined element with Flush Door

At BAU 2023, MasterLine 10 is equipped with a vast range of options, including hidden vent, glass balustrade, ventilation vent and cladding. MasterLine 10 uses 100% recycled insulation bars. The selected Keypad Lite is one of the many possible access control products in our range.



Maximum dimensions and weight	1.4x3m at 250kg
Air / Wind / Water performance	4 / C3 / 9A
Thermal values (Uw)	0.75 W/m²K at 1.23x2.18m for flush doors (triple)
Burglarproof rating	RC3

MasterPatio

MasterPatio is the lift and slide system of choice for all our partners and customers. Superior insulation and recycled components make this premium aluminium solution an ideal sustainability upgrade for any building project. The compatibility with MasterLine 8 makes it very easy to customise the system to your needs.



Lift & Slide Sliding Door

We show MasterPatio at BAU 2023 through a combination of different variants, including a SoftStop, concealed motor, glass corner and ventilation vent. With 100% recycled insulation bars, it is a sustainable solution for every project. Smart building components, such as Keypad, increase the comfort and safety of this product.



Maximum dimensions and weight	3x3.6m at 500kg (manual) / 1200kg (fixed panel)
Air / Wind / Water performance	4 / C5 / E1200
Thermal values (Uw)	0.8 W/m²K (triple)
Burglarproof rating	RC2

NEW

Vertical Slider

At BAU 2023, we introduce the MasterPatio vertical slider variant, a new opportunity for residential and high-rise application. This motorised solution allows for large vents of up to 200kg to open at a push of a button, creating a safe balcony feel.



Maximum dimensions and weight	3x4m at 200kg
Air / Wind / Water performance	4 / C5 / 9A
Thermal values (Uw)	1.1 W/m²K at 2x2.5m (triple)
Burglarproof rating	-

COMING
SOON

HiFinity

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 performance. The perfect choice for any low-energy contemporary building.

Motorised Pocket Sliding Door with Glass Corner

HiFinity lets you enjoy ultimate design freedom with floor-to-ceiling and wall-to-wall fully concealed profiles. The system allows for large joinery elements, with sliding vents, glass or opening corners of up to 750kg. Here at our stand, all is combined with our plug-and-play access control solutions, including push button and keypad.



Maximum dimensions and weight	3.5x4m at 750kg (moving) 5x4m at 1200kg (fixed panel)
Air / Wind / Water performance	4 / C5 / E750
Thermal values (Uw)	0.8 W/m²K (triple)
Burglarproof rating	RC2



ConceptWall 50

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.



Fireproof Façade with integrated MasterLine 8 Door

We have integrated our ConceptWall 50 Fireproof with the new MasterLine 8 Fireproof Door. This combines a completely fire-resistant solution for the façade with a consistently strong thermal performance.



Maximum dimensions and weight	1.95x3.2m at 550kg
Air / Wind / Water performance	A4 / 1200Pa / R7
Thermal values (Uf)	1.7W/m²K
Burglarproof rating	-

ConceptWall 60

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.



NEW

Hidden Vent

Our reliable ConceptWall 60 system already has numerous variants to suit your needs. At our stand, we demonstrate how we have completed the range with a hidden vent solution, indistinguishable from a fixed curtain wall viewed from the outside. The result: an elegant and well-balanced look.



Maximum dimensions and weight	1.2x2.8m at 130kg (or 1.35x2.4m at 150kg)
Air / Wind / Water performance	Target: 4 / C4 / E1200
Thermal values (Uw)	Ucw 0.94 W/m²K
Burglarproof rating	-

ElementFaçade 7

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 and versatile design with reliable performance.

Structural Glazed and Glazing Bead Façade

At BAU 2023 we demonstrate that our unitised façade system is available in many different variants to suit your aesthetical and production needs. Opt for glazing bead or structural glazed, female-female or male-female connections, or choose a combination of different solutions.



Maximum dimensions and weight	2.7x3.7m at 300kg
Air / Wind / Water performance	EN: AE1200 / 2400Pa / RE1200 CWCT:- / 2400Pa / RE1200 (600Pa Dynamic) ASTM: - / - / 720Pa (720Pa Dynamic)
Thermal values (Uw)	Glazing bead: Ucw 0.69 W/m²K (triple) Structural glazed: Ucw 0.82 W/m²K (triple)
Burglarproof rating	-



SlimWall 35

SlimWall 35 is the latest addition to our façade portfolio. The patented stick façade brings you easy and fast fabrication and installation of a slimline façade for low-rise buildings.

NEW

Mullion Transom Façade with Outward Opening Window

With SlimWall 35, we introduce a brand-new façade system to our ever-growing product range. This solution can include opening elements and is aimed at lower floors of commercial buildings or even residential projects.



Maximum dimensions and weight	SW 35: 450kg / Outward Opening: 1.35x2.5m at 180kg (or 2x1.2m)
Air / Wind / Water performance	SW 35: AE1200 / 2-3kN/m² / RE1200 Outward opening: 4 / C5 / E1200
Thermal values (Uf)	Uf 0.82 W/m²K (triple)
Burglarproof rating	RC2

**COMING
SOON**

Together for better

Bespoke solutions

When standard systems do not fit your building demands, our Project Team takes on the challenge and looks for project-specific solutions, in collaboration with the different stakeholders of the project. We calculate, design and simulate concepts in great detail, often visualising solutions in 3D with tools such as BIM or Avalon, our Virtual Reality room. Enjoy tailor-made and proven quality, as we test all our solutions according to the required standards. From design to delivery, Reynaers Aluminium always offers the ideal bespoke solution for your project.





Together for better Sustainability

At Reynaers Aluminium, we firmly believe that the time of making promises is behind us. **It is time to act.**

We collect our environmental efforts in *Reynaers Act*, our global sustainable strategy.



Our actions



Buildings

Let us contribute to more sustainable buildings

- We are expanding the number of certified systems that provide excellent thermal insulation.
- We are exploring the integration of sustainability information in our digital tools, such as BIM and DigiTrace, our new digital product passport.
- We are guiding partners towards a holistic approach to sustainability, by helping them design more sustainable buildings with our versatile products.



Products

Let us develop circular products

- We are expanding our range of Cradle to Cradle Certified® solutions in all product categories: windows, doors, sliding doors, and façades.
- We are developing products passports that enable materials to be properly disposed of after use.
- We identify and avoid components that have a negative impact on recycling process of our products.



Company

Let us reduce our ecological footprint

- We will reduce our direct carbon emissions (Scope 1 & 2) by 46% by 2030.
- We will relatively reduce our indirect carbon emissions (Scope 3) by 55% by 2030.
- We keep on investing in environmental management systems, such as ISO 14001 and ISO 50001, to limit energy consumption at our facilities.

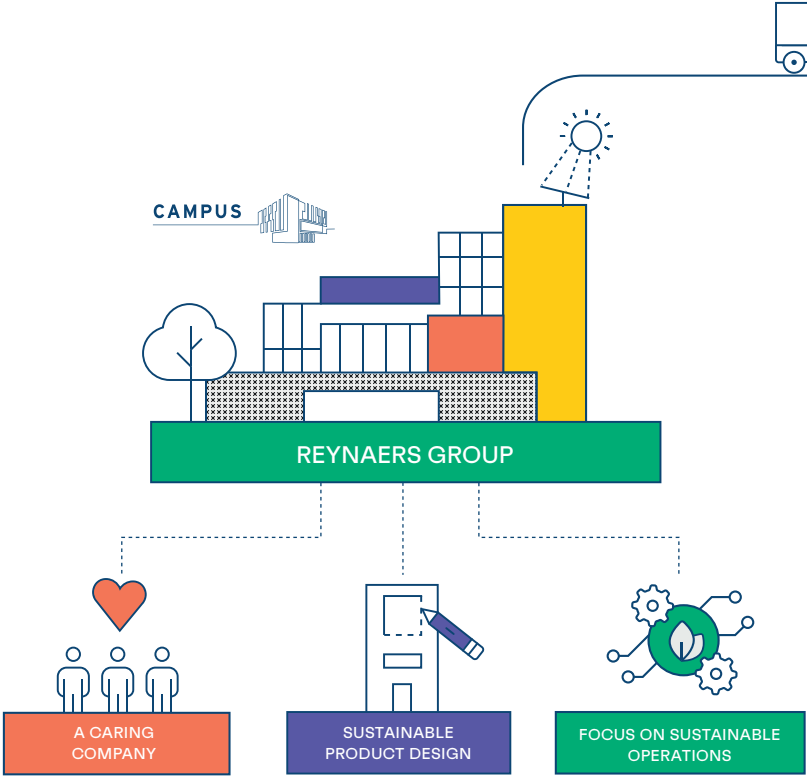


People

Let us be a caring company

- We support our employees in lifelong learning and personal growth by offering the right tools and personal guidance.
- We care for our employees' well-being and use worldwide surveys to get to know their needs. This allows us to grow together in a great place to work.
- We continue to invest in safety measures at work as safety remains our number one priority.
- We are a caring partner for our entire community and want to realise a positive impact on society through local charity initiatives.

Our sustainability strategy at a glance



Safety, physical and mental well-being and lifelong learning are our top priorities for our staff. Philanthropy is our way of giving back to the world.

We design products with the best environmental criteria, lowering their impact on our planet while constantly improving their recyclability.

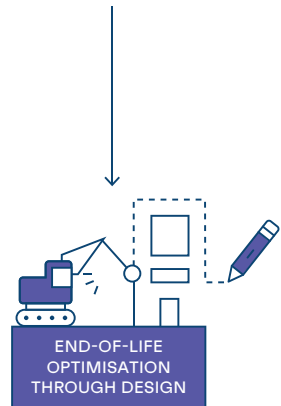
We are acting already to reduce our direct CO₂ emissions by **46%** by 2030.



We support our construction community in the creation of sustainable, energy-efficient buildings with training and information.



We improve the energy efficiency, comfort, safety and long-term durability of buildings by guiding our business partners towards the right products for the right use.



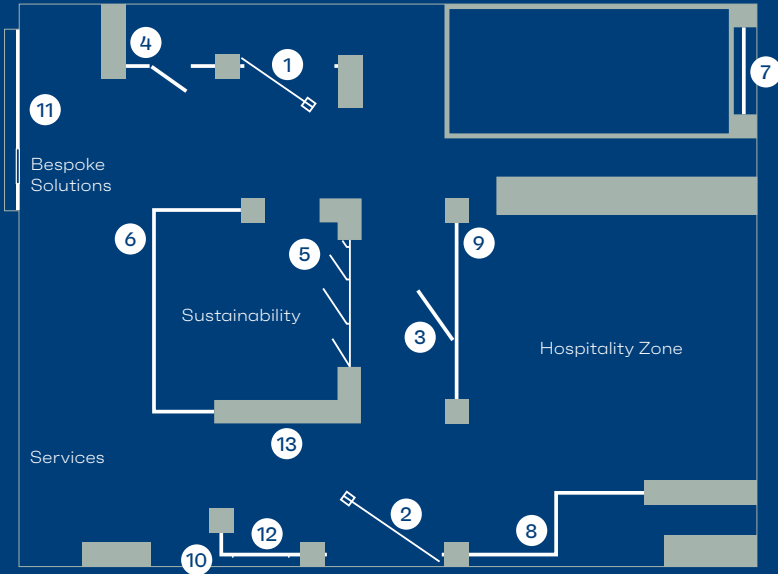
We will provide product passports for our systems to ease traceability, maintenance and recyclability, including end-of-life data. This is one way we make it easier to recycle our product materials, such as aluminium and steel.



SOURCING LOW-CARBON
ALUMINIUM AND STEEL



We source low-carbon materials. With the right mix of primary low-carbon and recycled materials, we are set to relatively reduce our indirect emissions by **55%** by 2030.



Windows & Doors

- 1 **MasterLine 8** - Residential Pivot Door
- 2 **MasterLine 8** - XL Pivot Door
- 3 **MasterLine 8** - Fireproof Door **NEW**
- 4 **SlimLine 38** - Ultra Slim Door **NEW**
- 5 **MasterLine 10** - Combined element with Flush Door

Façades

- 9 **ConceptWall 50** - Fireproof Façade with integrated MasterLine 8 Door
- 10 **ConceptWall 60** - Hidden Vent **NEW**
- 11 **ElementFaçade 7** - Structural Glazed and Glazing Bead Façade
- 12 **SlimWall 35** - Mullion Transom Façade with Outward Opening Window **NEW**

Sliding systems

- 6 **MasterPatio** - Lift & Slide Sliding Door
- 7 **MasterPatio** - Vertical Slider **NEW**
- 8 **HiFinity** - Motorised Pocket Sliding Door with Glass Corner

Accessories

- 13 **Handle wall**



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