Engineering progress
Enhancing lives

Architect & Specifier guide

Award-winning Premium Performance & Support

Discover the Top 5 reasons to choose REHAU for your project.

rehau.uk/specifiers
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REHAU

Trust.
Reliability.
Efficiency.
Innovation.
Sustainability.

As a world leader in polymer solutions, REHAU manufactures uPVC profile for windows and doors that sets new standards for premium performance and distinctive design. From aesthetics to function and durability, REHAU products benefit from quality materials and the most advanced technology. Our extensive range meets the requirements of renovation and new construction applications in commercial and residential buildings. Coupled together with award-winning support and expertise in product research and development, you can always trust REHAU for the most innovative, well-engineered designs.

NFA24
WINNER
SYSTEMS COMPANY
OF THE YEAR

Trust.

REHAU are an established trusted brand of quality for 75 Years...

...with one of the largest ranges of Premium Products in the industry.

REHAU TOTAL70

REHAU Window and Door Systems offer a comprehensive range of solutions to suit any project. All provide exceptional levels of energy efficiency and a choice of aesthetics.

Extruded in the UK and incorporating co-extrusion technology, TOTAL70 is the ideal choice for any project and is one of, if not the most comprehensive 70mm system on the market.

Systems and Styles:

- Multi-chamber system
- Choice of chamfered TOTAL70c and sculptured TOTAL70s
- Vast range of window styles, including Casement, Tilt/Turn, French and Fully Reversible
- Choice of Residential, Composite, Multi-fold and French Doors
- Full range of ancillaries including add-ons and baypoles
- Easy to fit, premium quality with low risk of call backs
- Network of nationwide manufacturers.

Options and Weather Rating:

- PAS 24 accredited
- Extruded to Class A according to BS EN 12608
- Fully accredited including Severe Weather rating
- Excellent thermal performance with u-values of 0.8 W/m^{2}K
- Glazing options from 4 to 44mm using triple glazing
- Wide range of standard colours.

rehau.uk/total70

Energy ratings

A — A-rated as standard

A+ — Upgrade to A + with 36 or 44mm triple glazing

German Technology

Made in the UK

Cavenham Court, Hayes, Middlesex

Scan the QR code to read the case study online

Rio Flush Fit

The Rio Flush Fit system allows manufacturers and installers to replicate the details of a traditional timber flush fit window in the most authentic way possible.

Unrivalled Performance

- Independently tested at a UKAS test centre, Rio achieves the highest BSI ratings for severe weather performance
- Enhanced security – PAS24 and SBD accredited
- BFRC A Energy Efficiency Rating
- Wood finish - the Rio turner oak colour is a realistic alternative to traditional timber windows
- Lasts a lifetime with virtually no maintenance required.

Styles & Systems

- 28mm glazing as standard with option for triple glazing
- Traditional low level sculptured bead and contemporary square edge bead
- Integral low level gasket
- Eurogroove in same position as TOTAL70 ensures no specialist gearing required
- Choice of frame depths: 52mm, 62mm, 72mm
- Choice of frame styles: sculptured or chamfered
- Three Jointing Options: Full mechanical joint, fully-welded joint, Mechanical/Weld joint (MechWeld)
- External chamfer detail for smoother sightlines
- Choice of sash depths: 63mm or a deep bottom rail at 82mm.

rehau.uk/rio

Case Study

Former Cowbridge chapel home renovation with REHAU Rio Flush Fit Windows

A quaint chapel-turned-home in the market town of Cowbridge, South Wales, is now sporting REHAU's energy efficient Rio Flush Fit windows, following bespoke fabrication from GRM Windows.
rehau.com/uk-en/cowbridge-chapel-rio-flush-fit

Location	Cowbridge, South Wales
Fabricator	GRM Windows
Product	Rio Flush Fit Windows

SLINOVA® – The slimline sliding door

Outstanding performance and design for modern and refurbished energy efficient homes.

Maximise natural light with SLINOVA's large glazing area. The discreet sliding door has exceptional stability, strength and performance

- Discreet 80mm frame depth
- Flexibility of dual and triple track system allows for a large number of sliding door combinations
- BSI ratings for weather performance
- Aesthetic appeal with specially designed invisible locks
- PAS24 accredited and SBD
- Easy and smooth to open, durable, low maintenance.

rehau.uk/slinova

SKYFORCE® – Juliet Balcony

SKYFORCE is the Juliet balcony that doesn't compromise on style. All the visible parts can be customised to match the finish of the windows and doors, so SKYFORCE fits perfectly and discreetly into the clean lines of modern facades, and because it's made of glass, there are uninterrupted views.

- Combined window, door and Juliet balcony solution
- Safety – Fully certified and building regulation compliant
- Aesthetic appeal with concealed balcony attachment system
- No obtrusive bracket details on the brickwork or render
- Versatile – Compatible with the TOTAL70 system.

rehau.uk/skyforce

Heritage – Vertical Sliding Window

Location	East Kilbride, Glasgow
Fabricator	Quality Trade Windows
Product	Heritage vertical sliding windows

Simply superior
The REHAU Heritage window system is designed to incorporate all the desirable traditional features of a timber sash window, yet with all the additional benefits and conveniences of modern uPVC.

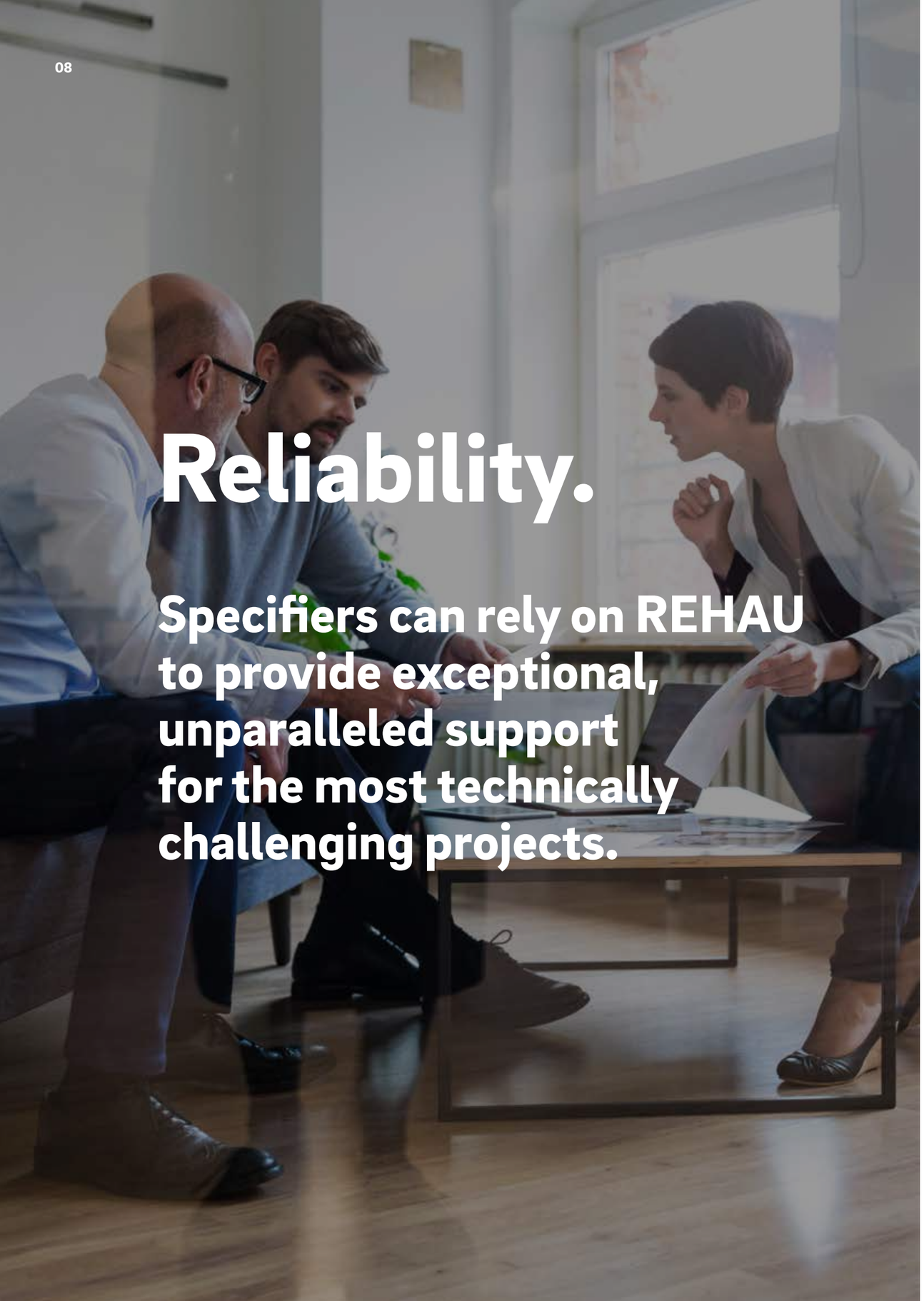
- Stepped frame with either mechanically jointed sill or fully welded options
- Four Sash options, including a Deep bottom rail for a traditional timber look window
- Standard glazing unit sizes of 24mm and 28mm
- Supplementary profiles, including Chamfered and Sculptured Georgian bars
- Triple brush seals in the frame create an excellent barrier against water and air
- A range of heritage horn styles including run through sash horns
- Longstanding partnerships with highly experienced Heritage Fabricators and Installers.

rehau.uk/heritage

Case Study

REHAU preserves Gothic aesthetic of a Glasgow property

Quality Trade Windows, a family-owned window supplier, has transformed the energy performance of a historical luxury residential property in East Kilbride, Glasgow, while retaining its original gothic aesthetics.
rehau.com/uk-en/rowling-gothic-arches



Reliability.

Specifiers can rely on REHAU to provide exceptional, unparalleled support for the most technically challenging projects.

REHAU Technical & Sales

REHAU has a highly dedicated Technical and Sales Team with a combined experience of over a 100 years.

The team works closely with architects, building contractors, consultants and housing associations to develop specifications for refurbishment and new-build projects. The support and attention to detail is outstanding together with the expert knowledge in standards, regulations, compliance and design requirements.

Our commercial support package includes:

- CAD blocks/drawings
- Thermal/wind load calculations
- Planning support
- Site surveys/field support
- And more...

We have a network of long-standing, experienced Commercial Fabricators and Installers who provide outstanding products and services with excellent customer support.

Alongside our first class sales and technical support, REHAU offer a series of CPD's developed using our knowledge and expertise to keep you, the Specifier up-to-date with all the benefits of uPVC products, performance and sustainability features.

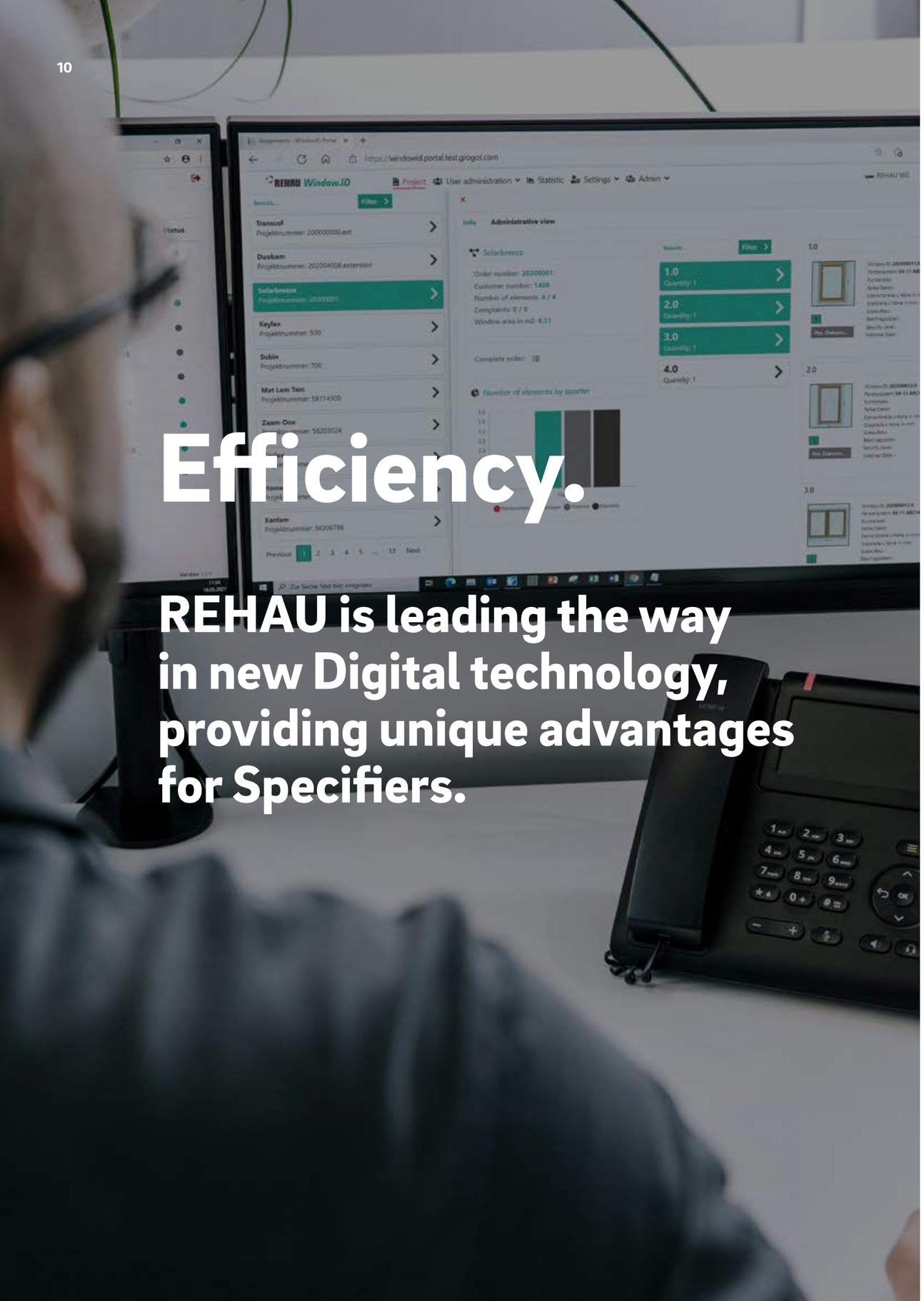
When Epsom Hospital needed energy efficiency upgrades, the NHS Trust specified REHAU's curtain walling and TOTAL70c windows. As the work was set to take place in an active emergency department during the peak of the pandemic, smooth collaboration with REHAU was essential to avoid disruption to emergency and operating areas.

Natanael Florut, Project Commissioning Manager at Epsom and St. Helier University Hospitals NHS Trust:
"Our old timber windows weren't energy efficient. Having worked with REHAU in Romania, I trusted their quality and reputation. Choosing the products was simple, but installation was a challenge, especially with limited original building records. Kevin O'Neill's expertise was vital."

Kevin supported the design, provided accurate drawings, and ensured the project met building regulations. As the section backed onto operating theatres and quiet rooms that stayed open, the team replaced windows screen-by-screen. This method maintained safety, avoided disruption, and kept the building protected from winter weather throughout the installation.

Epsom Hospital's A&E Department

Scan the QR code to read the case study online



Efficiency.

REHAU is leading the way in new Digital technology, providing unique advantages for Specifiers.

Window.ID
The new digital innovation

Revolutionising traceability within the Fenestration supply chain.

The first of its kind in the Fenestration market, this new innovative industry solution offers numerous cost saving benefits to local authorities, housing associations and specifiers.

Window.ID is a digital ID card for windows and doors that contains the complete lifecycle of the product. Accessed at any time with a simple scan of the unique QR code all relevant information about the product specification such as size, colour and glazing can be made instantly accessible.

Further information such as thermal and acoustic performance reports can be uploaded and points of contact and maintenance instructions can be viewed on the dedicated element page.

Ease of replacement is also guaranteed, should a window or door become damaged time-consuming onsite inspection or survey appointments can be minimised or even eliminated. Window.ID can help identify the replacement part saving time and money. As such overall customer service and satisfaction is increased to excellent standards.

- Significant reduction in maintenance and resource costs
- Complete transparency and traceability from manufacture to installation and throughout the product lifetime
- Details of thermal and acoustic peformance reports.
- Maintenance instructions and points of contact
- Identification of faulty components in seconds
- Simplifies and accelerates the processing of complaints, reporting and follow-up visits
- Communication of quality, safety, and certification
- Links to the "Golden Thread" detailed in the Building Safety Act 2022.

rehau.uk/windowid

REHAU Window.ID
Scan the QR code
to find out more

REHAU Answers

REHAU Answers is an online tool and calculator to help create the optimal technical specification for your project. Whether you need a quick U Value or WER calculation; information about the latest building regulations or even guidance on UKCA (CE) Marking REHAU Answers is there to assist.

REHAU Answers
Scan the QR code
to find out more

Innovation.

REHAU are shaping the future for Specifiers with lasting success...

...consistently redefining what is possible by setting the highest standards of design and performance.

ARTEVO®

The revolutionary new window system. REHAU's innovative technology and expertise enables improved performance combined with the most efficient use of resources.

Improved performance and stability:

Thanks to the optimised use of the high-performance material, RAU-FIPRO X, in conjunction with REHAU's outstanding technological expertise, ARTEVO totally redefines the limits of what's possible.

Systems and Styles:

- 80mm Tilt/Turn Window and Door system
- Maximum sash heights of 2.4m are achievable with reinforcement
- Clear, angular contours ensure unbeatable aesthetics
- Extra-narrow profiles make the glass surfaces larger, giving rise to new architectural options
- Wood or metallic finishes, achieved through foiling, painting or aluminium cover profiles, ARTEVO provides complete design freedom.

Options and Performance:

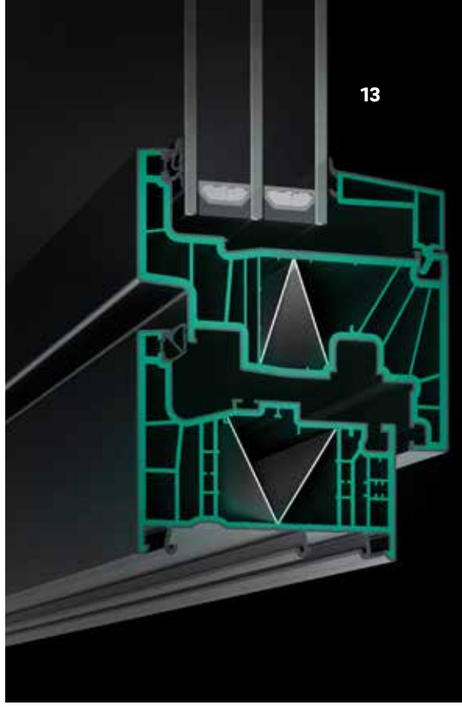
- Passivhaus Certified – achieves the standards with top performance ratings for thermal, acoustics and security
- RAU-FIPRO X – The fibre composite material allows for standard Uf-Values (without steel) as low as 0.97 W/m^{2}K
- New innovative LowE foil (patent-pending) reduces thermal radiation to 5%, equal to a Uf-Value of 0.81 W/m^{2}K
- Sustainability: Profiles contain up to 75% recycled material, with the added new feature of recyclate in the glazing beads
- Fully accredited with PAS24 security testing and weather performance rated.

rehau.uk/artevo

DESIGN AWARD 2025

REHAU EcoPuls Sustainability Competence

RAU-FIPRO X High-Tech Material



ARTEVO®

Scan the QR code for more information

Sustainability.

Shaping the future. Together.

REHAU UK is one of the top UK recycling system houses in the Fenestration industry. Specifiers have unique advantages with up to 75% recycled content.

REHAU Recycling

Sustainability powered by PVCR.

PVCR has been a member of the REHAU Group since 2014, giving us a strong platform for growth and innovation in waste management and uPVC recycling, making us the largest uPVC recycler in the North West. With sustainability as one of our core values, we are constantly working hard with our technical experts and development teams to minimise waste at every opportunity, using every part of the product to create new uPVC window systems through our unique co-extrusion process.

Our investment in co-extrusion technology has enabled the use of recycled post consumer waste within our TOTAL70 range, thus ensuring a closed loop process. Consequently we hold the British Standards certification BS EN 14001 for environmental standards. **www.pvcr.co.uk**

Production

Our partner customers produce EcoPuls labelled profiles, to bring you eco-designed, sustainability-produced products that **save up to 97,000 tonnes of CO_2 per year.**

Installation

REHAU products with the EcoPuls label are then installed in your home by our network of partners, **save 13 kg of CO_2 in replacement and 17 kg of CO_2 in new construction, per window.**

Manufacturing

REHAU manufactures profiles with the EcoPuls seal. Thanks to the co-extrusion process, REHAU combines recycled and virgin raw materials without impairing the performance and usability of the new profile.

Our circular economy

REHAU EcoPuls
Sustainable Development

Collection

Every year, **millions of old uPVC windows, doors and production offcuts** are reused in the production of new profiles with the EcoPuls label. For this reason, REHAU maintains an extensive networkfor the collection of these materials.

Recycling

Collected old windows, doors and production off-cuts are carefully selected and sorted into different raw materials (e.g. glass, uPVC and steel) and then recycled. The uPVC components are then processed into high quality chip. The production of EcoPuls uPVC recycled profiles **saves up to 88% in CO_2 emissions**, compared to the production of a standard profile on the market.

powered by REHAU

REHAU Recycling

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