MULTI-OCCUPANCY SOLUTIONS
Comfort, efficiency and reliability as standard
As a 20,000 strong polymer specialist, REHAU have been developing innovative solutions for the construction, automotive and furniture sectors for over 70 years. When specifying or installing REHAU products, you can be sure of their quality and performance.

**HYGIENE**

REHAU offer proven solutions for drinking water distribution which meet the strictest hygiene requirements.

**COMFORT & STYLE**

Comfort and style is important for the building’s occupants, REHAU have designed intelligent controls to achieve the ultimate in comfort levels and can create the perfect style with our choice of windows and doors.

**EFFICIENCY**

Whether generating heat from renewable energy sources or distributing heat efficiently throughout the building, REHAU can help you reduce your energy consumption.
A FIRST CLASS SERVICE
A partner you can rely on

Accredited installers
REHAU has a network of trained contractors to ensure the highest installation standards.

UK stock
Our product ranges are stocked at REHAU in the UK and at major national distributors.

On site support
Our technical team can visit site to assist with tool training, installation and commissioning.

Design services
Unrivalled design support from concept to detailed design.

Academy/CPDs
Training is available for contractors on-site. Our accredited RIBA and CIBSE CPD’s can be provided at a specifier’s office.

BIM ready
All our products are BIM Level 2 ready.
HEATING, PLUMBING AND DRAINAGE
High performance as standard
RAUTITAN
- 10 bar WRAS-approved heating and plumbing system
- RAUTITAN Flex (PE-Xa) and Stabil (aluminium multilayer)
- REHAU EVERLOC™ compression sleeve fitting has been used over 750,000,000 times
- Independent certification of a ‘cavity-free’ joint
- Over 50 year lifespan
- Proven alternative to copper

RAUPIANO PLUS
- Acoustic soil and waste system
- 17dB noise protection performance
- Full range from DN32-200
- High chemical resistance from polypropylene (PP)
- 2 bar rated push-fit system
- 30% faster installation than alternative systems
- 120 minute fire protection
PLUMBING STATIONS
For fast installations

Plumbing stations offer up to 70% saving on installation times, so are ideal for multi-occupancy projects.

They are available for:
- Showers
- Basins/sinks
- Baths
- Washing machines
- Toilets
- Dishwashers
In the drive to reduce carbon emissions from heating, many new residential and mixed use developments are connecting to a district heat network or installing remote energy centres on site. Possible heat sources include gas CHP or renewable energy sources such as heat pumps or biomass.

REHAU is one of the market leaders in pre-insulated pipes and supply a fully polymer heat network for projects up to 16MW.

**REHAU district heating pipes:**
- RAUVITHERM and RAUTHERMEX PE-Xa pipes available from 25-160mm
- PP-R pipes available up to 355mm
- Uses REHAU EVERLOC™ compression sleeve joining technology
- Largest UK stock of pre-insulated pipes with full cutting service
- RAUVITHERM is the only PE-Xa pipe made in the UK
REHAU manufacture a wide range of sustainable solutions for heating and cooling buildings, many of which have been installed on BREEAM Excellent / Very Good or Passivhaus-certified projects.

**Thermally Active Building Solutions (TABS)**
- Utilise thermal mass of building
- Reduces need for air-conditioning
- Ideal with heat pumps

**RAUTHERM Speed**
- Hook and loop system
- Supplied with fully adhesive mat
- Up to 30% quicker to install than standard floor heating systems

**Floor Systems**
Solutions for:
- Clip rail (wet)
- Staple system (wet)
- Floating floor (wet)
- Diffusion plate (dry)
- Sprung floor (dry)

**Chilled Ceilings**
- Low energy cooling system
- High comfort levels for occupants
- Short reaction time
- Acoustic version available

**Controls**
- Full BMS integration
- Can be combined with home automation and fan coil systems
- Underfloor cooling possible
- Smart controls available

**Self-balancing manifolds**
- Easyflow manifold allows flow rate of each circuit to be set at time of installation
- Removes need for the installer to return to site later in the project
DATA TRUNKING SOLUTIONS
For project specific requirements

REHAU can supply pre-assembled data trunking pods, bespoke for each project, to save significant installation time. This reduces the time taken to cut the lid on site and can be individually labelled for each room. In addition, REHAU also offer pre-wired assemblies to save even more time.

**Compact Data**
- Slim 140 x 55mm profile
- Up to 40% faster install than similar sized trunking systems
- Curved, antimicrobial and 170 RAL colours available

**Profila Data**
- 180 x 65mm profile
- High cable capacity
- Curved, antimicrobial and 170 RAL colours available
BIM LEVEL 2 READY
Supporting you on your BIM requirements

All REHAU’s core product ranges are BIM Level 2 ready and the models are free to download at rehau.uk/bim
DESIGN AND SPECIFICATION SUPPORT
From concept to installation

Supporting our customers every step of the way is key to a successful partnership. Our REHAU Hub in London was set up to provide specification support for our wide product range, alongside an opportunity to see our products first-hand.

Across the UK and Ireland, REHAU has regional sales offices to provide expert advice. Whether it relates to pipe sizing, a non-standard application or general technical advice, we are here to help.

Our CIBSE and RIBA approved CPDs include:
- Polymer pipe for heating and cooling
- Introduction to sub-surface heating and cooling
- District heating and heat networks
- Fenestration
- Aluminium clad curtain walling
- Introduction to renewable heat technologies
- Innovative uses of cable trunking
WINDOWS, DOORS AND CURTAIN WALLING SYSTEMS
Secure and reliable systems from REHAU

- Passivhaus Certified Window System
- Uw value as low as 0.73 W.m²K
- 6 chamber design with 3 surrounding seal levels
- Incorporates ‘RAUFIPRO® material formulated by REHAU for the Aerospace and Automotive industries allowing greater torsional stiffness with less reinforcement
- The GENE® Alu Top option simulates the aesthetics of aluminium but with greater thermal performance

GENEO® ALU TOP

- Passivhaus certified with Uw value <0.8 W.m²K
- Tested to the CWCT’s challenging weather performance standards
- 43dB sound rating for a peaceful environment

POLYTEC50
A wide range of multi-chambered profiles
- Choice of two aesthetics, TOTAL70C chamfered profiles and TOTAL70S profiles, making it the perfect choice for any project
- Option for fully reversible and flush fit windows
- U Values as low as 0.8 W.m²K and an A+ Window Energy Rating (WER)
- Independently tested by UKAS accredited test houses, reaching the highest exposure categories under BS 6375 (wind resistance and weather performance)
- Passes the security standard BS 7950 and PAS24 (security performance for doors) enabling straightforward compliance to Secure by Design
CASE STUDIES
Installations across the UK

Royal Arsenal Riverside
Size: 104 apartments and 5 penthouse suites
Product: GENEO® windows

Urbanest Student Accommodation, Kings Cross
Size: 609 apartments
Product: Underfloor heating, heating and plumbing

BBC White City Redevelopment
Size: Over 250 apartments and mixed use development
Products: Underfloor heating, heating and plumbing, chilled ceiling

Riverside District Heating Scheme
Size: Over 300 properties
Product: RAUTHERMEX pre-insulated pipe
Bangor University

Size: 350-bedroom accommodation block
Product: Polytec 50S and TOTAL70

The Tower, 1 St. George Wharf

Size: 210 apartments
Product: Heating and plumbing
The REHAU portfolio.
Systems for installation professionals:

Drinking water installation
Radiator connection
Acoustic drainage
Heating & cooling
District heating
Ground-source applications

The REHAU Docs app contains all relevant document about our systems. Whether you need brochures, technical information, installation instructions or a catalogue – the app provides fast access at any time.

More information and download at: www.rehau.uk/buildingsolutions

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