Engineering progress Enhancing lives

REHAU BHGING SOULIONS



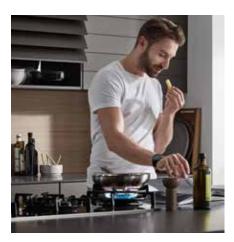
A proud history of innovation

The REHAU Group is a family business established by Helmut Wagner in the small Bavarian town of Rehau in 1948.

Mr. Wagner was looking at innovative polymer materials to replace the costly leather components in the iconic Volkswagen 'Beetle'. Starting out with just 3 staff and a single extruder, the company began to reshape German manufacturing.

Today, REHAU creates polymer solutions across a wide variety of industries. The company has over 20,000 staff, 40 global manufacturing facilities and produces more than 15,000 products globally.





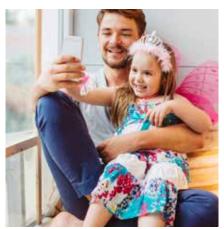
















Silently improving your world



More than 650 million REHAU compression joints have been installed over 40 years across 50 countries

REHAU offers more than 18,000 different designs for surfaces in the furniture world



1 in 3 automobiles produced in Europe are assembled with REHAU polymer components



REHAU is one of the largest producers of polymer window profiles in Germany, UK and Russia

REHAU's pledge for Sustainability

Sustainability is a driving force within the REHAU Group strategy. From our circular economy model to our approach for environmental and occupational safety, we believe REHAU employees and partners will help us build a sustainable business that future generations will be proud to inherit.

Being an International company, REHAU specialises in polymers and prides itself on its product offering to meet the demands of Industry. REHAU are always looking at new technological advances to improve on market standards from both an environmental and sustainability perspective.

As a family business, we've always thought about the long term and the generations to come. Responsible use of resources, durable and innovative products and sustainable investments are part of our DNA. We're therefore proud to join the 50 Sustainability & Climate Leaders initiative as one of 50 leading companies that have implemented measures to shape their business models in a more sustainable manner.

Sustainability in action at REHAU



29 % of CO₂ saved (in 2018 in comparison to 2009)



65 % of packaging made from sustainable materials (2018)



11 % recycling rate in total tonnage (2018)



17 % of electricity saved (kWh.kg) (in 2018 in comparison to 2009)



97.000 tCO₂ saved by recycling old windows in window production (2018)



20 % of our plants supplied with electricity from renewables (2018)



90 % recycling rate for return materials in production (2018)



31 % of water saved (in 2018 in comparison to 2009)

Unmatched speed and ease with REHAU EDGE Water Piping System

EDGE^m is an innovative piping system that combines the safety of a compression sleeve with the speed of crimp no expansion needed. Designed for both security and efficiency, EDGE^m offers a complete plumbing solution.

The system includes durable DZR brass fittings, solvent-resistant polymer sleeves, and highly flexible PE-Xa pipes in sizes from 16mm to 32mm. It's suitable for hot and cold water, recycled water, and rainwater applications.

With EDGE[™], you get a fast, secure, and hasslefree installation without compromising on quality or performance.



Proven reliability with RAUTITAN Water Piping System

REHAU's premium quality PE-Xa pipe and compression sleeve jointing technology has set the benchmark for polymer piping technology for over 45 years. With over 3.5 billion meters of PE-X pipe produced globally REHAU water piping system is the most trusted plumbing system known for performance, reliability and hygiene.

Invented by REHAU in 1987 compression sleeve technology is relied upon around world for its safety and exceptional flow characteristics.

Enjoy peace of mind knowing you have the highest quality systems behind the wall.



Strength and Efficiency with RAUTITAN Gas Piping System

RAUTITAN Gas consists of a multi-layer pipe and high quality brass compression sleeve fittings combined with our unique reversible PX sleeves creating a secure joint with no rubber seals. The highly malleable aluminium layer coupled with the PE-Xa inliner makes RAUTITAN Gas more flexible and kink resistant allowing for high flow system with a 25-year warranty.

It is the only compression sleeve gas system in Australia offering supreme joint security.



Safer drinking water with Lead-Free RAUTITAN

Lead in drinking water is known to be a growing concern worldwide and many countries have introduced regulations to address it. Following strict restrictions imposed on plumbing materials by some European countries and the U.S in 2012, plumbing regulators in Australia are in the process of implementing similar restrictions.

REHAU's commitment to helping the community enjoy the cleanest, safest drinking water possible drives us to continually develop advanced materials that perform beyond industry standards and regulations. Lead-Free RAUTITAN combines our state-of-the-art Low-Lead Gunmetal fittings that have less than 0.1% Lead-Content with our famous premium quality PE-Xa pipe and supremely hygienic PVDF polymer fittings ensures the highest quality and safest drinking water.

Lead-Free RAUTITAN - safer drinking water from a plumbing system you can trust.



Peaceful living with acoustic drainage

The movement of drainage water through pipes behind walls and ceilings can create noise disturbances for residents. Traditional methods of dampening these sounds using acoustic insulation on traditional PVC drainage can be expensive, labour intensive and subject to deterioration over time.

REHAU's acoustic drainage system is a 3-layer mineral reinforced material designed to absorb turbulent water noise within the pipe walls, creating a more peaceful environment for the residents.

In addition to the supreme sound insulating properties, RAUPIANO PLUS can be used for your Greasy Trade Waste applications.

Security and Safety with RAUTITAN Fire Services

RAUTITAN compression sleeve technology creates a strong, permanent joint without O-rings and without detachable joints that could later be disassembled. REHAU's fire sprinkler assemblies are made of high quality brass and have been specifically made to have a range of adjustability for ease of installation that perfectly conforms to the prevailing standard. RAUTITAN system combines installation speed and ease of use with security and reliability to provide the ultimate piping system for modern construction projects.

RAUTITAN is now a vital component of a cost-effective automatic fire sprinkler solution.



Comfort, style and convenience with Hydronic Underfloor Heating

Hydronic Underfloor Heating creates the ultimate in comfortable living by creating the most ideal environment for your family. It is a modern and more efficient way to ensure perfect warmth across a room. Specially engineered pipes installed within the floor slab circulate warm water, gently heating the floor and radiating warmth evenly to all occupants.

Allergy friendly, hygienic and discreet for complete freedom of interior design, hydronic floor heating is the premium choice for the discerning home owner.

Experience the difference with REHAU Hydronic Underfloor Heating

Reliable sewer solutions to outperform traditional systems

REHAU has long been heralded as an industry leader in the global civil engineering and infrastructure sphere for 30 years now. AWASHAFT Polypropylene (PP) Maintenance Structures are 100% recyclable, having a 100-year life span with a leak-safe connection.

With AWASHAFT's component construction methods, it can add benefit to many asset owners by eliminating groundwater infiltration.

REHAU's continued innovation allows AWASHAFT to be 3 times faster to install and more reliable than conventional methods.



Energy efficient, long term solution in sewer treatment plants. In 1995, REHAU launched fine-bubble membrane aerators which have been developed to provide aeration for the biological treatment of industrial and municipal wastewater. Since, the technology has been trusted and successfully installed and operating in more than 1,000 sewer treatment plants in over 30 countries.

With its engineered design and material, this solution helps in costs and energy savings in sewer treatment plants.





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