




RAUTITAN: FOR WATER AND HEAT.
Safely installing drinking water and heating systems.



REHAU
MY SAFE
CHOICE



One of a kind.
Pressure-resistant
PE-Xa inliner

RELIABLE INSTALLATION.

RAUTITAN: The universal system for drinking water

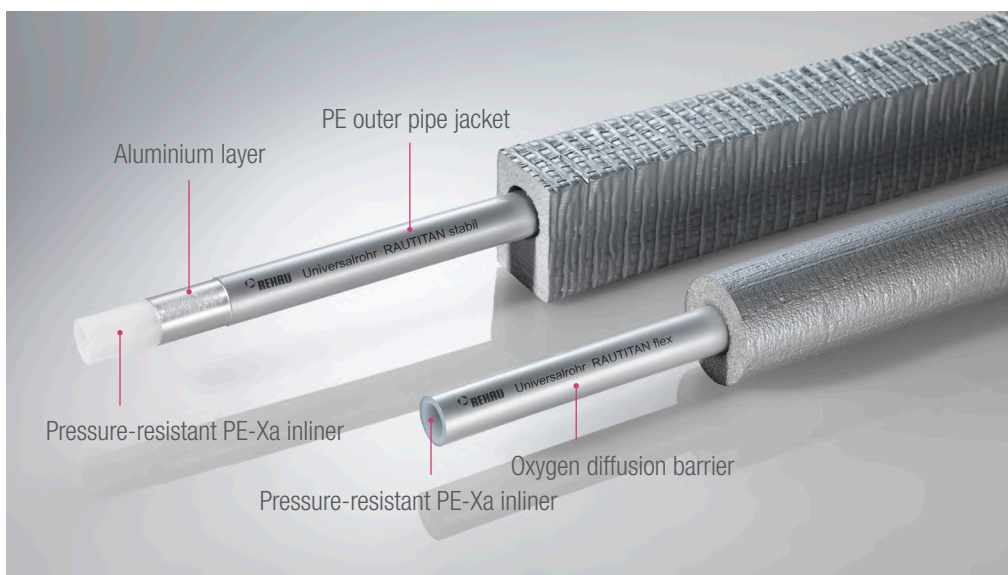
As a comprehensive and variable system, RAUTITAN is the number-one choice for modern installations.



Drinking water installation:

Hygienic, long-lasting reliability and simple installation: The RAUTITAN system is a trusted solution for drinking water installations worldwide.

SAFE



The material for the highest standards:

PE-Xa pipes deliver durability, corrosion resistance and are easy to work with.

100% thermal insulation under EnEV:

The pre-insulated pipes for the dimensions 16 to 25mm enable faster installation times.

Flexible and deformation-resistant pipe with high safety margins:

The universal pipe RAUTITAN flex offers optimal flexibility – even at low temperatures. If the installation calls for a flexurally rigid pipe, RAUTITAN stabil is the solution – the robust multilayer composite pipe. Pre-insulated pipes ensure economical installation.



EASY INSTALLATION.

RAUTITAN: compression sleeve jointing system – the original.

Beyond the pipes, the jointing system plays a central role.



RAUTITAN PX:
Fittings and compression sleeves
made of the high-performance
materials PPSU and PVDF

RAUTITAN RX:
Thread fittings
made of gunmetal

Reliability without compromises:

with its pipes, fittings and compression sleeves, RAUTITAN creates a permanently sealed joint – without O-rings. The pipe itself is the sealing compound, and the installation is immediately able to handle pressure loads.

The robust materials enable processing temperatures as low as -10 °C.

SEALED



1 Expand pipe end



2 Insert fitting



3 Apply compression sleeve

Reliability in numbers:

The pipe system and jointing technology have been in use for over 30 years in more than 50 countries. To date, over 650 million compression sleeve joints have been manufactured.

Permanently sealed in just 3 steps:

No need for deburring and calibrating the pipes. The professional tools of the RAUTOOL range also simplify installation. Even before the pressure test, a simple visual inspection is enough to verify a proper connection.



REHAU
QUALITY CLEAN
WATER

FORWARD-LOOKING INSTALLATION.

RAUTITAN: Hygienically optimised drinking water technology.

RAUTITAN meets all prerequisites for hygienic drinking water supply.

The final few metres are critical:

Safe, high-quality water is our most important resource. That quality cannot be compromised by faulty installations in buildings. Ensuring water quality down to the last tapping point therefore requires the greatest care – from the planning all the way to implementation in accordance with hygiene standards.

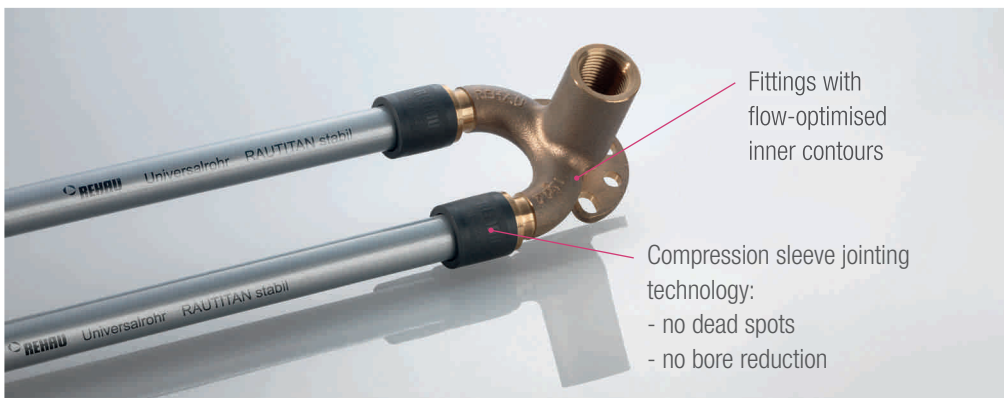
Looking to the future:

Once installed, pipes disappear into walls and the ground – out of sight, out of mind. This is why it is all the more important to think ahead when selecting a pipe system. RAUTITAN is impressively long-lasting and also has plenty of reserves to ensure compliance with the hygiene standards of the future.

FLAWLESS



Reliable
cavity free
connection



Fittings with
flow-optimised
inner contours

Compression sleeve jointing
technology:
- no dead spots
- no bore reduction

Time for a new type of installation:

RAUTITAN is optimally designed for intelligent pipe routings, particularly for pass-through and ring pipe solutions. If individual tapping points or even complete pipe sections are out of use for temporary or long-term periods, the water still keeps flowing for effective prevention of microbial contamination such as *Legionella* bacteria.

Hygiene optimised technology:

RAUTITAN's smooth surfaces prevent deposits in the pipe. The inner contours of the fittings are hydraulically optimised and exhibit very low pressure loss. All materials used are subject to stringent inspections and are certified for use with drinking water.

Up to 50% larger inner diameter:

Compared with other jointing technologies, RAUTITAN enables nearly unobstructed flow even in the joint area. Constrictions are minimised by the expansion technology.

Germ-free. Verified by the Fraunhofer Institute:

The high impermeability of the fitting effectively prevents microbial contamination. RAUTITAN has been certified cavity free in the joint area.



Expand,
compress.
1 tool

CONVENIENT INSTALLATION.

RAUTOOL: The tool for all requirements.

RAUTOOL completes RAUTITAN. The modular concept offers the right tool for every requirement.



Battery-powered installation.

Tools from the RAUTOOL range feature powerful, new-generation batteries for long-lasting use and short charging times.

No need for mains power: manual tools

These RAUTOOL tools are independent, maintenance-free and stand up to the tough conditions on-site.

PROFESSIONAL



Quick Change®:

Faster changing of expander heads

With the patented Quick Change system, attaching and removing expander heads is reduced to a single quarter turn. With conventional threaded connectors, by contrast, four complete turns are required.



RAUTOOL A-light2 Kombi:

Just one tool at the construction site

By rotating the combined expander and slide unit in the working direction, the right tool is always on hand. Expand, switch, slide on – without re-tooling.

Unparalleled variety:

No other manufacturer offers such an extensive range of tools. See for yourself:

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3 dimensions, 1 tool:

The triple compression jaw makes it quick and easy to adjust the dimensions. Working with the dimensions 16, 20 and 25 requires just a single tool. A simple twist does the trick.

RAUTITAN WATER SERVICES PROJECT REFERENCES

Proven for more than 40 years



1 Australia, Federation Square

2 Austria, Power Tower

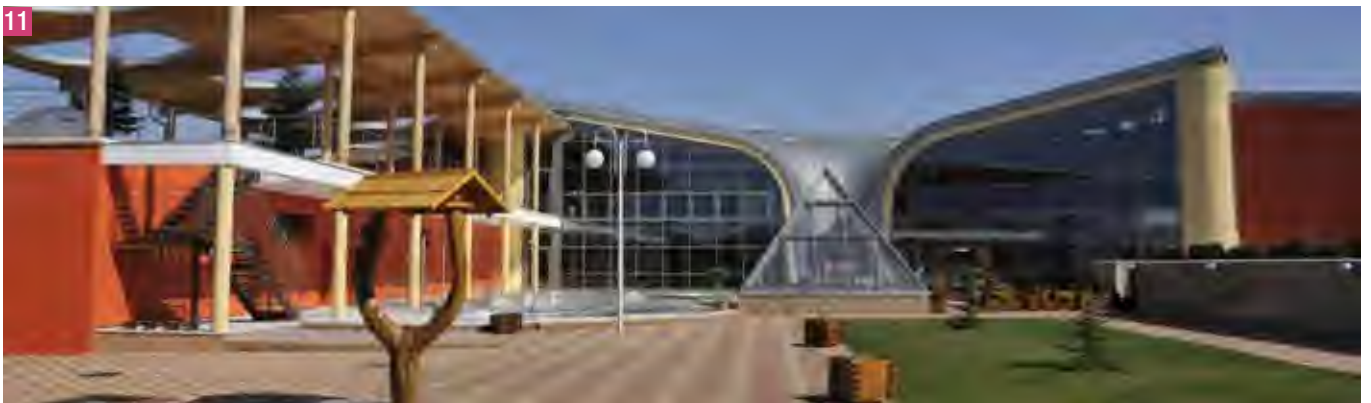
3 Bulgaria, Primoretz Grand Hotel and Spa

4 Hong Kong, Bel-Air 8

5 Hungary, Ramada Resort Aquaworld

6 Indonesia, JW Marriott Hotel

7 Malaysia, Traders Hotel



8 Netherlands, The Red Apple Apartment
 9 Philippines, Discovery Primea
 10 Russia, Moscow School of Management

11 Slovakia, Wellness Aquamarine
 12 Singapore, W Hotel
 13 South Africa, Radisson Blue Hotel

14 UAE, Hameni Tower JVC DUBAI

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Our sales staff are at your service in every way and provide assistance with both technical and business questions, from planning and implementation to operation of the products – including on-site instructions at the construction site.



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Whether for single-family homes, office or industrial buildings, with the REHAU planning and calculation software RAUCAD, we offer you a professional tool for planning, project planning and tendering of heating and sanitary work.

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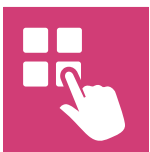
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**RAUTITAN: The
System**
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The REHAU portfolio.
Systems for installation professionals:

Drinking water installation
Radiator connection
Building drainage
Panel heating/cooling



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.

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