



RAUVITHERM

THE NEW FLEXIBLE PRE-INSULATED PIPE SYSTEM FROM REHAU

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REHAU has developed a new pipe system for the rapidly growing pre-insulated pipe market in the UK. RAUVITHERM combines the key advantages of high flexibility with high thermal insulating properties.

RAUVITHERM is available in single pipe (UNO) up to 125mm and twin pipe (DUO) up to 63mm, with a comprehensive range of fittings and accessories.

Benefits at a glance:

- Greater flexibility due to corrugated outer sleeve and open cell insulation, allowing a tight bending radius
- Robust HDPE outer sleeve to cope with tough on-site conditions
- Long lengths up to 350m possible, reducing number of joints needed for long pipe runs
- Good insulation performance from several layers of insulation and the low thermal conductivity of the insulation
- Bonded outer layer of the insulation prevents water ingress even if the outer jacket is punctured. This ensures high insulation performance
- Uses renowned EVERLOC leak-proof fittings and tools



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Installed quickly and easily

RAUVITHERM adapts to any routing conditions without any problems due to its flexible outer sleeve and the PEX insulation. Especially when being installed on to existing building sites, the demands on the installation increase due to small distances between buildings, narrow trenches, and close branches. RAUVITHERM is an extremely flexible pre-insulated pipe system for specialist contractors. Without any special effort, the flexible pipe can be installed around corners and pulled into house inlets. Even the tightest bending radii are achieved without damage and without compromising on the quality.

Safe and economic in operation

Thanks to its low weight and the innovative compression sleeve jointing technology, RAUVITHERM can be connected easily and securely with the compression tool. The REHAU EVERLOC compression sleeve technology to connect PE-Xa pipes has been proven a million times in applications such as underfloor heating and plumbing.



RAUVITHERM has the following properties:

- Permanently sealed and non-detachable compression sleeve joints during pipeline operation
- Optimum hydraulic performance through pipe and jointing technology
- Quick installation without welding (no hot works)

Design Expertise

REHAU can assist with design and feasibility of a pre-insulated pipe system. Please contact your local REHAU sales office for further details.

RAUVITHERM coiled pipe

The specially developed insulating sleeve system for RAUVITHERM simplifies and speeds up the installation of jointing areas and branches compared to conventional systems by up to 50%.

Potential Applications

- Air-source/ground-source heat pump connections
- Hot/cold water transport
- CHP and district heating schemes
- Anaerobic digestion/Biogas plants
- Swimming pools
- External plant rooms



RAUVITHERM Duo with compression sleeve



RAUVITHERM T-Shroud and I-Shroud



RAUVITHERM Uno and Duo

OTHER REHAU PRODUCTS

ENERGY EFFICIENT BUILDING SOLUTIONS



RAUGEO PE-Xa ground-source probe



AWADUKT Thermo ground-air heat exchanger



RAUTHERMEX PE-Xa pre-insulated pipe



Underfloor Heating



Heating and Plumbing



RAUBIO digester heating

Go Geothermal Ltd

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