



REHAU PRE-INSULATED PIPE

For all your district heating needs

PRE-INSULATED PIPES

We know how



A large red rectangular sign is mounted on the side of a modern, grey building. The sign features the Emirate logo, which consists of a stylized white Arabic calligraphic emblem above the word "Emirate" in a white, serif font. The building has a curved facade and a large, arched opening on the left side. In the foreground, there is a paved area with a low wall and a row of young trees. The sky is blue with scattered white clouds.

Over 45
years' experience
of producing
PE-Xa pipes

REHAU offer 2 pre-insulated pipes, our UK manufactured flexible RAUVITHERM pipe and RAUTHERMEX, ideal for large installations where low heat losses are critical. These can be used for biomass, district heating, anaerobic digestion/biogas plants and heat pumps. Our pre-insulated PE-Xa pipes use our renowned REHAU EVERLOC™ jointing system.



29.5% CO₂
reduction
due to UK
manufacturing

RAUVITHERM

The only UK manufactured pre-insulated PE-Xa pipe

RAUVITHERM has proved immensely popular with installers due to its high flexibility and easy to use REHAU EVERLOC™ jointing system. In our constant drive to reduce our carbon footprint, RAUVITHERM is manufactured in the UK saving an estimated 29.5% on CO₂ emissions.

RAUVITHERM is fast and easy to install due to its low weight and high flexibility, as well as using the renowned REHAU EVERLOC™ compression sleeve technology.

RAUVITHERM is a pre-insulated PE-Xa pipe with a LLD-PE outer jacket, to withstand demanding on-site conditions and also offers a high insulating performance due to closed cell PE foam insulation. The outer layer of foam is bonded to the outer jacket to prevent water ingress.

It is available in coils up to 330m and all shrouds are insulated with high performance PU foam to reduce heat losses.

IT'S MADE
IN THE U.K. 

WRAS
APPROVED
PRODUCT

UK stocked - Available in
UNO (25mm - 125mm) and
DUO (25mm - 63mm)



Up to 90%
less fittings
required
than 12m steel
installations



RAUTHERMEX

Excellent insulation performance – Extremely low heat losses

RAUTHERMEX pre-insulated pipe offers excellent insulation performance through its PU foam insulation with a lambda value of 0.0216 Wm/k, allowing specifiers and contractors to optimise both installation and operational costs.

RAUTHERMEX is available in coil lengths up to 570m offering the installer cost savings on their material and installation. Up to 90% less fittings are required compared to a similar installation with 12m steel lengths – saving time and money.

RAUTHERMEX is suitable up to 95°C and 6 bar operating pressure. The system also uses the renowned REHAU EVERLOC™ jointing technology, giving the installer piece of mind. RAUTHERMEX benefits from Generation II Shroud technology which requires no hot works on site.

RAUTHERMEX is also available as a Plus version (up to 125mm UNO) with greater insulation thickness, which can further reduce heat losses by up to 25%.

Largest flexible coiled pipe

RAUTHERMEX 140mm

Available in UNO (25mm-160mm)
and DUO (20mm-75mm)

0.0216
W/m.K
lambda value





REHAU EVERLOC™ JOINTING TECHNOLOGY

Your Safe Choice



The REHAU EVERLOC™ compression sleeve jointing technology offers the installer a leak-proof, permanent and secure joint that can be made in seconds, allowing a fast and secure installation. The jointing technology offers the highest level of reliability and minimal bore reduction to improve hydraulic performance.



REHAU also have a collection of tooling available. The RAUTOOLS allow the installer to make a fitting on site quickly, simply and securely. Our tools are available to make joints from 25mm to 160mm, offering a selection of battery and hydraulic models.

One Jointing Technology

REHAU EVERLOC™ is used for all our PE-Xa pipes for district heating, underfloor heating & plumbing



Over 500 million joints installed worldwide

Design Support

Benefit from our design support, our team are dedicated to ensure that you have everything you need before your installation.

REHAU can assist with:

- Design & Pipe Sizing for each project
- Heat Loss Calculations
- Bill of Materials

**The REHAU
Difference**
1st class service

5 Year Warranty

We are confident in our product solutions. We therefore offer you a 5 year product warranty on both RAUVITHERM and RAUTHERMEX.

Quality Assurance

RAUVITHERM and RAUTHERMEX comply with the insulation requirements of BS EN 15632

UK Manufacturing

REHAU will continue to reduce our carbon emissions by an estimated 29.5% with the only UK production of pre-insulated PE-Xa pipe.

Service

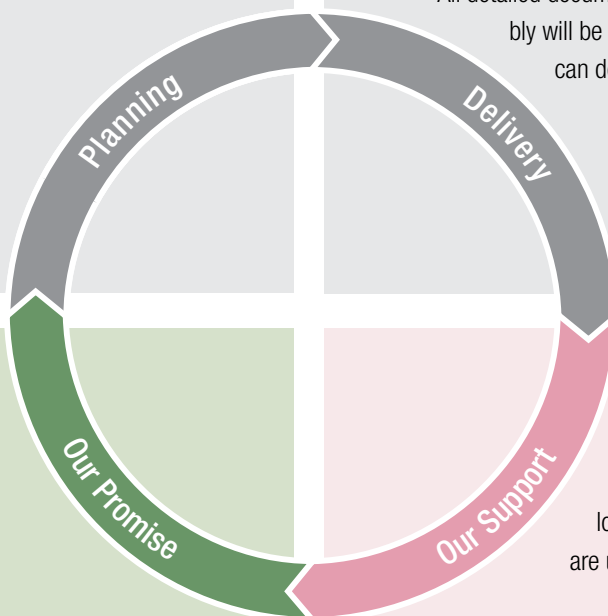
REHAU offer a 5-day cut to length from the UK's largest stock.

On-site Support

We can visit you on-site and support you with training for you and your colleagues about our products and tooling.

Technical Documentation

All detailed documentation for installation and assembly will be provided for our products or you can download from www.rehau.co.uk



REHAU Academy

We offer training courses for all our products at our Head Office or a location of your choice to ensure you are up to date with the latest information.

REHAU Connections

All our REHAU installers are able to join our installer loyalty scheme, where you can turn your pre-insulated pipe purchases in to rewards. visit www.rehau.co.uk/connections

Marketing Support

We offer a number of marketing support services from creating project case studies, leaflets & brochures to photography and online support with product information for your webpages and social media.

REHAU PROJECTS

Installations from across the UK

Location:

Hestercombe House,
Somerset

Type:

Biomass Installation at
a newly restored 18th
Century Estate

REHAU Product:

RAUTHERMEX DUO 63mm

**Location:**

Gaunts Estate, Wimbourne

Type:

District Heating powered by
Anaerobic Digestion plants

REHAU Product:

RAUVITHERM DUO
32mm - 63mm

**Location:**

Sir Chris Hoy Velodrome,
Glasgow

Type:

Hot water and cold water
services

REHAU Product:

RAUVITHERM UNO
25mm - 63mm

**Location:**

Armathwaite Hall Country
House & Spa, Keswick

Type:

Biomass

REHAU Product:

RAUVITHERM UNO 90mm
& 110mm, RAUVITHERM
DUO 40mm



Shortlisted for
District Heating
Project of the
Year
(H & V News Awards)



The Association for
Decentralised Energy



ade

Bringing Energy
Together

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Our verbal and written application engineering advice is based upon experience and the best of our knowledge. However it is to be regarded as non-binding information. Working conditions and use under conditions for which the product was not intended and over which we have no influence exclude any claim resulting from our information. We recommend that a suitable check is made as to whether the REHAU product is suitable for the envisaged purpose. Application, use and processing of the products is carried out beyond the scope of our control and are therefore carried out exclusively at your own responsibility. If liability should still apply, then this is restricted, in the case of all damage, the value of the goods supplied by us and used by you.

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