



**REHAU**<sup>®</sup>

Unlimited Polymer Solutions



---

## THE SOUND APPROACH TO DRAINAGE

RAUPIANO Plus acoustic soil and waste system

---











## THE ROAD TO SILENCE

---

REHAU's introduction into drainage technology began in 1956 with the development of a PVC drainage solution. A demand for higher performing, green materials drove the switch to Polypropylene drainage in 1971 – enabling its use in more demanding applications. The acoustics challenge was overcome in 1996 with the introduction of the first RAUPIANO acoustic drainage product. The system we know today has been used globally for 20 years as a cost effective method to improve comfort levels in multi-storey residential buildings by minimising drainage sound transmission.





---

## RAUPIANO PLUS

High performance drainage for modern construction

---





Combining triple layer protection with patented sound dampening brackets, the RAUPIANO PLUS system effectively dampens structure-borne and airborne sound. Along with our no glue rubber ring seal to reduce installation time, it's the perfect solution for a wide range of applications.

---

---

## PIPE

---

Triple layer mineral re-enforced polypropylene (PP-MD) for maximum acoustic performance and minimum weight.

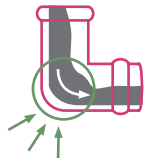


---

## FITTINGS

---

PP-MD triple layer protection with mass optimised impact zones for optimal turbulent water noise dampening.

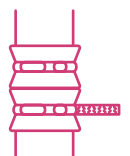


---

## BRACKETS

---

Rubber mounted double brackets for optimal sound dampening.







---

## ACOUSTICS

High performance drainage

---



# RAUPIANO PLUS can eliminate the need to acoustically lag drainage pipework in sensitive areas, saving cost, time and labour.

---

## ADD POTENTIAL VALUE

---

Are you or your clients paying lagger to acoustically treat your pipework?

**Add value by offering the full acoustic system with a single drainage solution.**



---

## SAVE TIME BY INSTALLING FASTER

---

Live installation time comparisons on a multi-occupancy building proves RAUPIANO can be

**2 times faster than PVC**  
**3 times faster than lagged PVC**

To see the time lapse video at Vue on King apartments, check out the RAUPIANO Time Lapse available on [www.rehau.uk/raupiano](http://www.rehau.uk/raupiano)

Drainage install times (hr:min)\*



**RAUPIANO:**  
**1:45**



**PVC:**  
**3:30**



**Lagged PVC:**  
**6:00**

\*single bathroom apartment

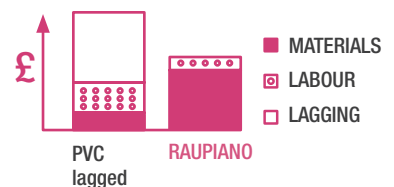
---

## REDUCE MATERIAL AND LABOUR COSTS

---

Lagging can be up to three times more expensive than the installed pipe work. Using RAUPIANO minimises cost, delivering more cost-effective installations.

**Up to 30% savings can be achieved compared to lagged PVC.**



---

## GUARANTEED LONG TERM ACOUSTIC PERFORMANCE

---

Poorly installed, deteriorated or damaged lagging does not guarantee adequate sound protection to meet compliance in residential and commercial buildings.

**RAUPIANO offers consistent and reliable acoustic performance for the life of the building.**



---

## PEACE OF MIND

---

**More than 30 acoustic tests on RAUPIANO PLUS alone have been undertaken by acoustic consultants, and many more in acoustic test labs to BS EN 14366**

This is more than any other drainage solution on the market today. Install RAUPIANO PLUS **with confidence.**







---

**TRADE WASTE**  
High performance drainage

---

RAUPIANO PLUS is made of mineral reinforced Polypropylene (PP-MD) with high temperature and chemical resistance. This makes it an ideal drainage solution for hot kitchen trade waste.

---

---

## HIGH TEMPERATURE WASTE

---

Approved for waste temperature up to 95°C (intermittent) & 70°C (continuous).  
RAUPIANO PLUS is ideal for use in commercial kitchens.

Some chemicals don't suit RAUPIANO so for chemical/industrial trade waste (laboratories, petrol stations) check suitability with REHAU prior to installation.



---

## SAVE TIME BY INSTALLING FASTER

---

Rubber ring joints enables

**3 times faster jointing of HDPE**

Lubricate - Insert - Withdraw 10mm\*. Done!

\*when pipe length exceeds 500mm



---

## NEATER PIPEWORK

---

PP-MD has

**Half the thermal expansion of HDPE**

So it doesn't grow and bend during intermittent delivery of hot waste or in hot environments. Straighter pipework equals neater installations.



---

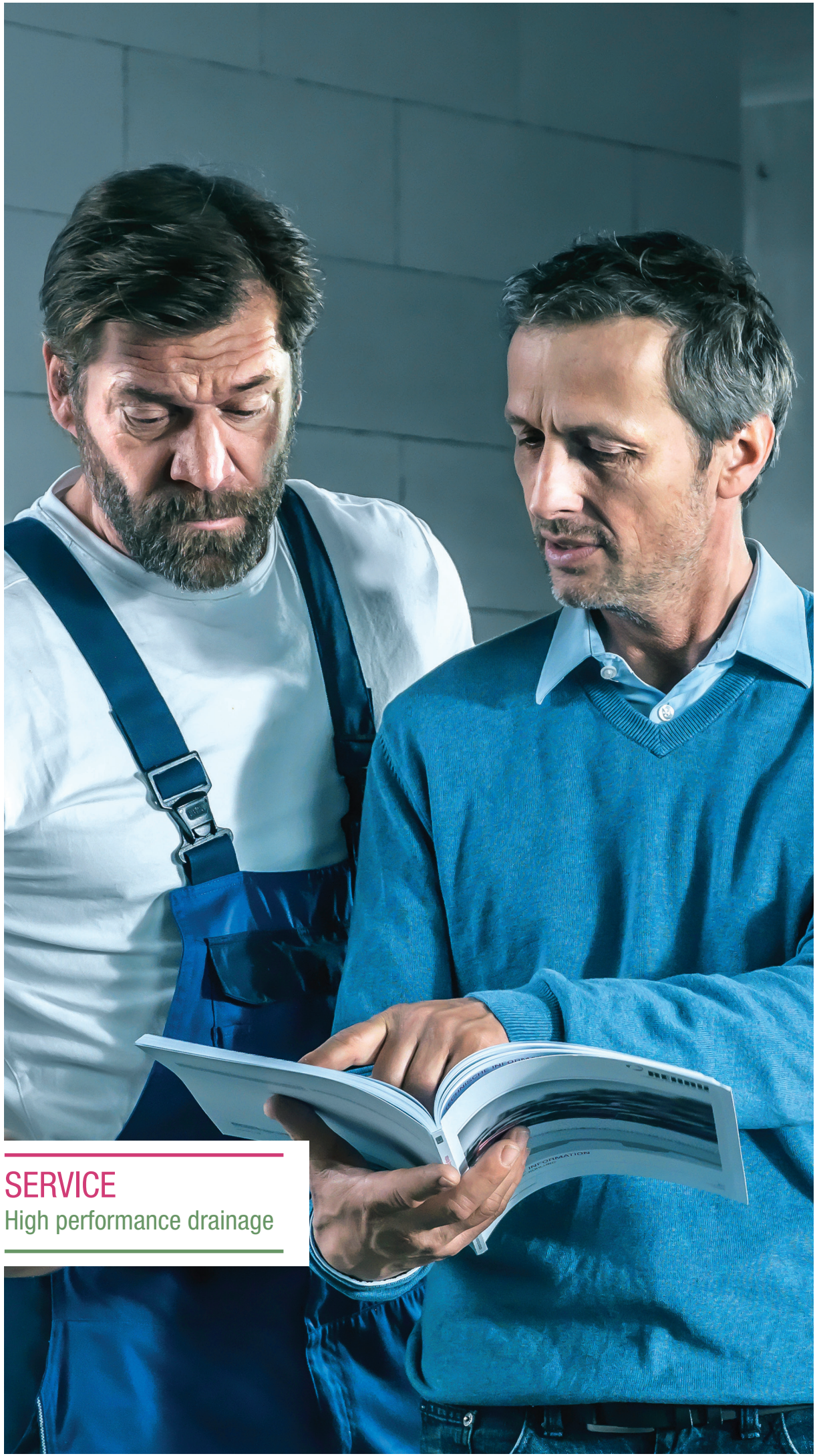
## IN-GROUND OR IN-CONCRETE

---

Check the RAUPIANO technical manual for recommended installation method.







---

**SERVICE**  
High performance drainage

---



REHAU offers a wide range of acoustic components to suit your project, CPD training, exhibition centre and specification support.

---

---

## VISIT THE REHAU HUB

---

Want to see RAUPIANO Plus and other plumbing and heating products? Then why not visit the REHAU Hub and Discover what we have to offer.

Find our more [www.rehau.uk/hub](http://www.rehau.uk/hub).



---

## REHAU SALES AND TECHNICAL SUPPORT

---

**REHAU has been producing drainage systems for over 40 years.**

We know pipes and we can help you get the best out of your business with REHAU.

**ACOUSTICS SUPPORT:** REHAU has been extensively involved in the acoustic testing process over many years across the world and can help you interpret acoustic performance data, specifications, regulations and communicate with project stakeholders.

**INSTALLATION TRAINING:** RAUPIANO is a rubber ring jointed system and hence requires different installation practices to common drainage systems. REHAU offers on-site training, product demonstrations for all installers as well as CPD's book yours today

[www.rehau.uk/cpds](http://www.rehau.uk/cpds)



---

## RESOURCES FOR ESTIMATORS AND CONSULTANTS

---

Revit families, specification and technical documentation are available at the download section of [www.rehau.uk/bim](http://www.rehau.uk/bim)





**Your REHAU sales office is happy to assist you:**

**London**, REHAU Ltd, The Building Centre, 25 Store Street, London WC1E 7BT Phone: 0207 580 6155 Fax: 0207 307 8595 **Slough**, Units 5 J & K, Langley Business Centre, Station Road, Langley, Slough SL3 8DS Phone: 01753 588500 Fax: 01753 588501 **Manchester**, Brinell Drive, Irlam, Manchester M44 5BL Phone: 0161 777 7400 Fax: 0161 777 7401 **Glasgow**, Phoenix House, Phoenix Crescent, Strathclyde Business Park, Bellshill, North Lanarkshire ML4 3NJ Phone: 01698 503700 Fax: 01698 503701 **Dublin**, 9 St. Johns Court, Business Park, Swords Road, Santry, Dublin 9 Phone: 00353 (0)1 8165020 Fax: 00353 (0)1 8165021

© REHAU Limited  
Hill Court, Walford  
Ross-on-Wye  
Herefordshire, HR9 5QN  
[www.rehau.uk](http://www.rehau.uk)

09.2018