

# REHAU RAUPIANO PLUS

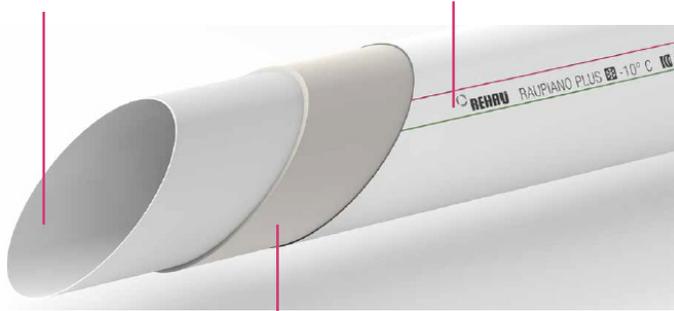
## Three layers of innovation

### Inner layer made of PP

- Abrasion-resistant and low friction
- Chemical-resistant

### Outer layer made of PP

- Impact resistant and shockproof
- UV and weather resistant



### Middle layer made of mineral-reinforced PP

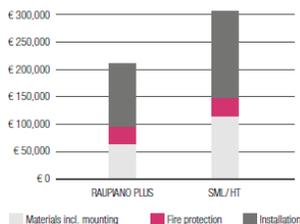
- Noise-absorbing
- Stabilising

## ECONOMICAL INSTALLATION. System advantages that pay off.

### Not just fast. Affordable too:

With RAUPIANO PLUS, material costs can be reduced by as much as a third when compared to the conventional combination of SML cast-iron and HT plastic pipes. This means that building drainage with maximum noise and fire protection in multi-storey buildings can make sense for the plumbing contractor as well.

The cost savings for installation and materials were demonstrated by a large building with 313 residential units. The investor and contractor assessed installation with SML and HT pipes.



The calculation was based on the list of materials. The installation times were taken from an external, independent study by Innung Spengler, Sanitär- und Heizungstechnik in Munich.

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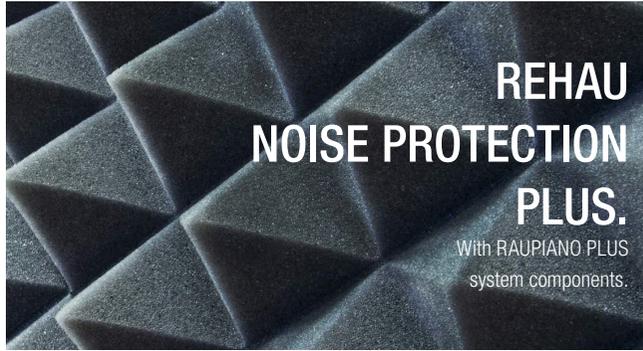
## RAUPIANO PLUS: QUIET AND RELIABLE

Mastering acoustic soil and waste



## REHAU PROFIT PLUS.

With RAUPIANO PLUS  
system components.



## REHAU NOISE PROTECTION PLUS.

With RAUPIANO PLUS  
system components.



## REHAU FIRE PROTECTION PLUS.

With RAUPIANO PLUS  
system components.

### FAST INSTALLATION.

Installation times reduced to a minimum..

# 30%

Faster Installation  
with RAUPIANO PLUS

#### Better planning and installation.

Eliminating potential sources of errors in the planning and installation, as well as reducing the installation effort required speeds up installation by up to 30 % compared with SML cast-iron pipes.

### INNOVATIVE INSTALLATION.

For whisper-quiet building drainage.

# 17dB

Install comfort  
with RAUPIANO PLUS

#### Quieter than a ticking watch:

At just 17 dB(A) RAUPIANO PLUS comes in significantly below the most demanding requirements for noise protection in sanitation installations. It even easily fulfils the more stringent VDI 4100 standard.

### RELIABLE INSTALLATION.

System advantages that pay off.

# F120

Fire protection  
with RAUPIANO PLUS

#### REHAU Fire Protection Solution

Mistakes are unacceptable when it comes to fire protection. All REHAU fire protection solutions are therefore designed for easy planning, simple installation and straightforward final acceptance.



### Not only faster, but also more economical

In construction business, not everything is selected by material price. There are more factors to be considered: manpower cost for installation, system performance and durability, additional measures to design the system, etc. All these factors eventually translate into money and some things cannot be measured by money, like the health and safety of staff.



### Silence without any lagging

RAUPIANO PLUS is an acoustic drainage system to improve the attenuation of sound created by turbulent water flow through pipe work. The system has been extensively tested at the National Acoustic Laboratory (Australia) and has exceeded the deemed to satisfy requirements of the NCC/BCA (Australia) behind a ceiling system without the need for acoustic lagging.



### Complete Fire Safety

Contrary to popular belief, metal pipes, despite being non-combustible, can still spread fire through heat transfer when additional measures are not in place. In comparison, the necessary fire protection measures for metal pipes are more complicated than RAUPIANO PLUS. You only need to install a REHAU fire collar and you are done!