

# REHAU

## Building Product Information Disclosure

Version: v2 20.11.2023

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### Designated building product: Class 1

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### Declaration

REHAU provides this disclosure pursuant to the requirements of the Building (Building Product Information Requirements) Regulations 2022.

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### Product/system

Name	REHAU
Line	RAUTITAN UFH
Identifier	

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### Description

The RAUTITAN UFH system is used to distribute heating in enclosed spaces via hydronic radiation (hot water) in a wide range of domestic and commercial applications. The system comprises of pipes, fittings, sleeves and other tools/accessories.

The pipes are made of cross-linked polyethylene (PE-Xa) with an oxygen barrier, the fittings are made of brass or PPSU and the sleeves are made of PVDF.

The system is available in a range of sizes from 16-40 mm. The pipes are available in straight lengths or coils, ranging from 6 m to 200 m.

The system components (pipe, sleeve and fitting) are combined using compression sleeve technology.

The system is controlled using REHAU NEA control system.

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## Scope of use

The RAUTITAN UFH system shall be used to distribute heating in enclosed spaces via hydronic radiation (hot water) in a wide range of domestic and commercial applications. The system shall operate with an external heat source, such as a boiler or heat pump.

The general operating parameters of the RAUTITAN UFH system is up to 90 C or 6 bar for a lifespan of 50 years.

The RAUTITAN UFH system shall only be installed in approved applications and in locations described in the RAUTITAN UFH Product Book (available for download here: <https://www.myrehau.com/upload/brochures/9242682bc7ff6bbe876d2263d02c20d0.pdf>) and In-screed Planning Notes (available for download here: [https://www.myrehau.com/upload/brochures/1683178766\\_3adf0cb303285d51b42b.pdf](https://www.myrehau.com/upload/brochures/1683178766_3adf0cb303285d51b42b.pdf))

The manifolds are provided pre-assembled and shall be installed as per the customer's requirement.

The RAUTITAN UFH system is compatible with the REHAU NEA control system.

The pipes (and fittings when required) are suitable for embedding in concrete slabs, provided they are adequately protected.

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## Conditions of use

RAUTITAN UFH system shall only be used for hydronic heating applications as described in the RAUTITAN UFH Product Book and In-screed Planning Notes.

RAUTITAN UFH system shall only be operated with the operating parameters described in the RAUTITAN UFH Product Book and In-screed Planning Notes.

RAUTITAN UFH system shall only be installed in approved applications and in locations described in the in the RAUTITAN UFH Product Book and In-screed Planning Notes. For project-specific installations, the system shall only be installed as per an official design issued by REHAU.

Suitable floor coverings that hinder the transfer of heat upwards, and hence reduce the

efficiency of the system shall be avoided as much as possible.

RAUTITAN system shall only be installed by qualified plumbers and electricians that are trained in the use of the RAUTITAN UFH system.

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## Relevant building code clauses

**B2 Durability** - B2.3.1 (a, c), B2.3.2 (a, b)

**E3 Internal moisture** - E3.3.1

**F2 Hazardous building materials** - F2.3.1

**G5 Interior environment** - G5.3.1, G5.3.2

**G9 Electricity** - G9.3.1

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## Contributions to compliance

B2.3.1 (a, c) and B2.3.2 (a, b) - RAUTITAN UFH system (including all its components) has a lifespan of 50 years when used in accordance with its operating parameters. Further information can be found in the RAUTITAN UFH Product Book and REHAU's In-screed planning notes.

E3.3.1 - When submitted through the online myREHAU UFH Design portal, each project is designed to ensure that moisture does not affect the installation. The In-screed planning notes also contain instructions on preventing moisture during installation.

F2.3.1 - RAUTITAN UFH system is safe for use and installation, provided the safety instructions in the In-screed planning notes are followed.

G5.3.1 and G5.3.2 - Any enclosed space that is being heated can be controlled by a thermostat, which allows the temperature to be set as per the resident's requirement.

REHAU's range includes accessories that allow components to be securely fixed in place.

G9.3.1 - Installers shall be trained in the safe installation of electrical components.

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## Supporting documentation

The following additional documentation supports the above statements:

<b>RAUTITAN UFH Product Book (Design)</b>	June 2020	<a href="https://www.myrehau.com/upload/brochures/9242682bc7ff6bbe876d2263d02c20d0.pdf">https://www.myrehau.com/upload/brochures/9242682bc7ff6bbe876d2263d02c20d0.pdf</a>
<b>In-Screed Planning Notes (Design, Installation, Maintenance)</b>	December 2022	<a href="https://www.myrehau.com/upload/brochures/1683178766_3adf0cb303285d51b42b.pdf">https://www.myrehau.com/upload/brochures/1683178766_3adf0cb303285d51b42b.pdf</a>

For further information supporting REHAU claims refer to our website.

## Contact details

<b>Manufacture location</b>	REHAU Group and affiliates (worldwide)
<b>Legal and trading name of manufacturer</b>	REHAU Ltd
<b>Legal and trading name of importer</b>	REHAU Ltd
<b>Importer address for service</b>	Level 1, 12 Allens Road East Tamaki Auckland 2025
<b>Importer website</b>	<a href="https://www.rehau.com/au-en">https://www.rehau.com/au-en</a>
<b>Importer NZBN</b>	9429037496074
<b>Importer email</b>	sales.nz@rehau.com
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## Responsible person

As the responsible person as defined in BPIR Regulations, I confirm that the information supplied in this declaration is based on information supplied to the company as well as the company's own processes and is therefore to the best of my knowledge, correct.

I can also confirm that REHAU is not subject to a warning on ban under [s26 of the Building Act](#).

Signed for and on behalf of **REHAU**:

*Nikhil Rao*

Nikhil Rao  
Product Engineer  
November 2023

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**REHAU**

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