

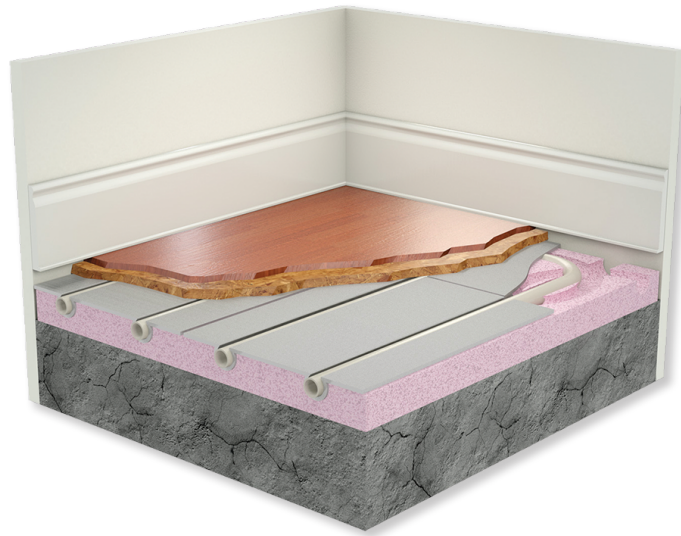
Product Data Sheet

12/18/2024

Underfloor Heating Systems

Floating Floor System

UK - Myson



- **Quick Temperature Response**
- **Lightweight Construction**
- **Efficient Heat Distribution**
- **High Compatibility**
- **Durable and Robust**

Description

The Floating Floor System has been tailored to meet the growing demand for efficient underfloor heating. It features a low thermal mass for quick temperature adjustments and reduces the overall structural load. Suitable for use with 16mm multi-layer pipework, this system incorporates preformed aluminium diffusion plates to distribute heat laterally across the floor, ensuring uniform warmth. The system also exhibits high compressive strength and excellent thermal conductivity, making it ideal for both new constructions and renovations.

Area of Application

The Floating Floor System is suitable for residential and commercial buildings, providing efficient underfloor heating with quick response time. It integrates preformed aluminium diffusion plates to optimize heat distribution, compatible with 16mm multi-layer pipework, with properties including low thermal mass, minimal moisture absorption, high compressive strength, and excellent thermal conductivity.

Selection Criteria

For product selection criteria or calculation methods, use our design service. For quick selection, consult our brochure.

Basic User Instructions

Ensure the Floating Floor System is installed according to the specified panel dimensions and pipework type. The aluminium diffusion plates must fit correctly into the designed grooves to optimize heat distribution. Installation should follow provided technical guidelines to prevent any issues with load-bearing capacity and thermal efficiency. Regular maintenance checks are recommended to ensure long-term operational efficiency and safety. Contact our technical support for any specific configurations or troubleshooting.

Prescription text specifiers

The Floating Floor System integrates with 30/40/50mm XPS panels featuring nominal density of 30Kg/m² and thermal conductivity of 0.029W/mK. With a minimum compressive strength of 200kPa, it supports substantial loads while offering water vapor resistance of 480MN/gm and minimal moisture absorption of 0.3%. The system operates effectively within -50 to +75°C and is specifically designed for 16mm multi-layer pipework. This setup ensures optimal heat distribution through preformed aluminium diffusion plates. Perfect for residential and commercial applications, it offers rapid temperature response and reduces building load.

Warranty

For your additional peace of mind, Purmo Group gives the following Warranty against manufacturing defect. Your statutory rights are not affected by this Warranty.

Subject as provided below, Purmo Group warrants to the original purchaser at the original installation site that its products will be free from defects in materials and workmanship for the following periods:

- Hydronic Radiators: 10 years from date of purchase.*
- Fan Assisted Radiators (ULOW-E2): 2 years from date of purchase.*
- Fan Convectors: 2 years from date of purchase.
- Hydronic Underfloor Heating: 10 years for the pipe from date of purchase.
- Hydronic Underfloor Heating: 2 years on accessories, actuators, ball valves, controls, expansion vessels, fittings, low loss headers, manifolds, mixer control groups & tooling from date of purchase.
- Hydronic Underfloor Heating: 12 months on all pumps from date of purchase.
- Electric Underfloor Heating: 10 years from date of purchase (except programmer & sensor).
- Electric Radiators and Towel Warmers: 2 years from date of purchase.*
- Hydronic Towel Warmers: 5 to 10 years from date of purchase depending on product type.*
- Myson Radiator Valves and Controls: 2 to 5 years from date of purchase, depending on range.

*Products which are exposed to prolonged extreme conditions, such as high humidity or severe cold/condensation, may be subject to deterioration. This is not a result of any manufacturing defect.

Products installed in these circumstances will be subject to a warranty period of twelve months only.

The original purchaser's remedy for breach of this Warranty is expressly limited to repair or replacement of any part or parts found to be defective under conditions of normal service and use during the above Warranty period and does not extend to Purmo Group being liable for any incidental, special or consequential damages or losses whatsoever, such as loss of use of the product, inconvenience or lost profits.

This Warranty does not cover any defect, damage or malfunction in the product which is due to: failure to comply in any respect with Purmo Group's installation, maintenance or operating instructions; faulty storage,

handling, installation or repair; mis-use; neglect; accident; abuse; or general wear and tear.

Before this warranty can be activated, the original purchaser will be required to prove, with supporting documentation, the date and place of purchase, as Purmo Group may need to conduct its investigation into

the alleged defect. This should be within 28 days of the date when the defect was discovered or ought to have reasonably discovered the defect.

Purmo Group reserves the right to make a reasonable charge for inspecting and testing any product which is subject to a Warranty claim and the rights conferred by the Warranty are conditional upon the payment of such charge. The charge may be made, at Purmo Group's discretion, either before or after the inspection and testing of the product. In the event that it is established to Purmo Group's reasonable satisfaction that a valid Warranty claim has been made in respect of the product, then any inspection charge which has been paid will be refunded in full by Purmo Group.

Specification

Feature	Unit	Value
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Resources

Document Description	Document Type	Link
Range brochure	Brochure	https://asset.productmarketingcloud.com/api/assetstorage/3577_3e6c4df2-7006-4133-88db-1026c6c421d2

Items

Local Code	Global Item Code	Item Description
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