

Product Data Sheet

9/11/2025

Insulation Panels

Floor Plate

UK - Myson



- Secure Pipework Retention
- Multiple Variations
- Optimized Heat Transfer
- Quick Installation
- Enhanced Durability

Description

Myson's Floor Plate for underfloor heating systems consists of an aluminium diffusion plate which fits between the floor joists or battens. The Floor Plate has double grooves to accept the underfloor heating pipework, which is held firmly in place without damage to the pipe or external oxygen diffusion barrier. It is suitable for suspended floor systems including joisted floors with conventional joists supported on end walls of sleeper walls, as well as solid floors with battens fixed to the floor. Plates are available in three variations to suit different joists and pipe centres.

The floor void should be insulated with either loose fill insulation or mineral wool insulation (supplied by other), to reduce air movement and minimise heat loss.

Area of Application

The Floor Plate is suitable for suspended floor systems including joisted floors with conventional joists or solid floors with battens fixed to the floor. Top technical data includes its aluminium diffusion plate, double grooves for pipework, suitability for various joists, and flexibility with different pipe centers.

Selection Criteria

For selecting the product or calculating the system, use our technical documents, product manuals, design service, or contact us via email or phone.

Basic User Instructions

Install the Floor Plate between the floor joists or battens. Ensure the underfloor heating pipework is positioned within the double grooves of the plate. Secure the pipework in place without damaging the pipe or its external oxygen diffusion barrier. Suspend insulation in the floor void to minimize air movement and reduce heat loss. Use suitable loose fill or mineral wool insulation for the best results. Ensure all materials are precise to avoid any damage.

Prescription text specifiers

Myson's Floor Plate consists of an aluminium diffusion plate designed for use in underfloor heating systems. The plate fits between floor joists or battens, with double grooves to accept the underfloor heating pipework which is securely held without damaging the pipes or the external oxygen diffusion barrier. This system is suitable for suspended floor systems, joisted floors with conventional joists supported on end walls or sleeper walls, and solid floors with battens fixed to the floor. The Floor Plate comes in three variations to suit different joist types and pipe centers. Proper insulation of the floor void with suitable materials such as loose fill or mineral wool is essential to reduce air movement and minimize heat loss. Plates are manufactured from high-quality aluminium to ensure excellent heat transfer and durability.

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: 10 years from date of purchase on radiator unit*, electric controls & electronic components; 2 years from date of purchase.*
- Electric 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
Etim Class		EC011767 - Insulation board, floor heating
Studded panel		Yes
Tacker plate		Yes
Inlay plate		No
Hook-and-loop fastening		No, Yes
With foil		No
With heat-conducting plate		No
Suitable for pipe diameter min	Millimetre (mm)	-
Rollable		No
Foldable		No
Weight	Kilogram (kg)	0.8, 15

Resources

Document Description	Document Type	Link
Range brochure	Brochure	https://asset.productmarketingcloud.com/api/assetstorage/3577_3e6c4df2-7006-4133-88db-1026c6c421d2
Myson Underfloor Heating Brochure	Brochure	https://asset.productmarketingcloud.com/api/assetstorage/3577_c8ffc669-f6bd-4830-9584-c4c92b8b54f7

Items

Local Code	Global Item Code	Item Description
50550	FBEA765238810010	Double Floor Plate
50535	FBF0B511860120A0	Straight Board 1200x600x18mm - 10mm Pipe
50539	FBF1B511860120A0	Return Board 600x600x18mm - 10mm Pipe