

# Product Data Sheet

12/17/2024

Insulation Panels

## 3 Channel Floor Plate

UK - Myson



- Three channels for pipes
- Firm pipe retention
- Versatile options
- Excellent thermal conduction
- Easy installation

## Description

Myson's plated floor underfloor heating systems consist of Floortec aluminium diffusion plates fitted between the joists or battens. The 3 Channel floor plate has 3 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 manufactured from aluminium sheet and 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 3 Channel Floor Plate is ideal for underfloor heating systems in suspended floors, including joisted floors with conventional joists, sleeper walls, and solid floors with battens. It is designed to hold 16 and 17mm pipework securely in place and ensure excellent thermal conduction.

## Selection Criteria

Use our design service for precise selection, or refer to our brochure for quick selection criteria.

## Basic User Instructions

Install the 3 Channel Floor Plate by fitting it between floor joists or battens, ensuring that it is aligned properly to hold the underfloor heating pipes securely. Insulate the floor void with loose fill or mineral wool to minimize heat loss. Pressure-test the system at a minimum of 3 bar and a maximum of 6 bar before and during floor fixing to ensure integrity. Allow at least 21 days for the screed to cure before commissioning the heating system. Follow guidelines for curing and moisture content to avoid damage to the pipework and floor covering.

## Prescription text specifiers

The Myson 3 Channel Floor Plate is designed for underfloor heating systems, holding 16 and 17mm pipework securely in place and ensuring optimal heat distribution. Manufactured from aluminum, the plate offers excellent thermal conduction and is lightweight. Suitable for installation in suspended floor systems, including joisted floors with conventional joists and solid floors with battens. The system requires floor void insulation to prevent heat loss and should be pressure tested between 3 and 6 bar prior to and during floor fixing. Available in various configurations to match different joist settings.

## 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
Etim Class		EC010381 - Accessories/spare parts for floor heating
Item weight	Kilogram (kg)	1

# Resources

Document Description	Document Type	Link
Myson Complete Solutions - Full Brochure	Brochure	<a href="https://asset.productmarketingcloud.com/api/assetstorage/3577_24872a57-c3a5-4956-ab4b-dfa3b522c19b">https://asset.productmarketingcloud.com/api/assetstorage/3577_24872a57-c3a5-4956-ab4b-dfa3b522c19b</a>
Myson Underfloor Heating Brochure	Brochure	<a href="https://asset.productmarketingcloud.com/api/assetstorage/3577_1be94879-adf6-4cac-b5ef-6f38e377031f">https://asset.productmarketingcloud.com/api/assetstorage/3577_1be94879-adf6-4cac-b5ef-6f38e377031f</a>
Range brochure	Brochure	<a href="https://asset.productmarketingcloud.com/api/assetstorage/3577_3e6c4df2-7006-4133-88db-1026c6c421d2">https://asset.productmarketingcloud.com/api/assetstorage/3577_3e6c4df2-7006-4133-88db-1026c6c421d2</a>

# Items

Local Code	Global Item Code	Item Description
50548	FBEA745338810010	3 Channel Floor Plate 388mm
50553	FBEA765358810010	3 Channel Floor Plate 600mm