

Product Data Sheet

3/30/2025

Underfloor Heating Systems

Plated System

UK - Myson



- Highest thermal responsiveness
- Lowest construction heights
- No moisture penetration
- Fast installation
- Energy efficient

Description

The Plated underfloor heating fixing system consists of aluminium diffusion plates fitted between joists or battens. These are grooved to accept the underfloor heating pipework. The aluminium plate is used for its excellent thermal conduction as well as its low weight. It is suitable for 16 and 17mm pipework.

Area of Application

The TS14 R System is ideal for both renovation projects and new constructions that cannot accommodate a wet underfloor heating system. It is suited for dry installation with low mounting heights and offers high heat output. It's perfect for areas with wooden structures, low-load capacities, or where construction height must be minimized.

Selection Criteria

For product selection or system calculation, please refer to our technical documents, product manuals, use our design service or contact us directly.

Basic User Instructions

The TS14 R System should be installed directly on existing subfloors or thermal insulation. Ensure that the subfloor is clean, dry, and level. If the subfloor is uneven, use the recommended leveling compound. Lay out the system plates, ensuring that the heating pipes are securely fastened. Follow proper spacing guidelines for optimal heat distribution. Finish by laying your choice of tiles, parquet, or other flooring directly on the system. Always refer to the detailed installation manual for specific instructions.

Prescription text specifiers

The TS14 R System is a dry underfloor heating system featuring a 17 mm EPS panel with integrated aluminum heat conductor plates. Optimized for renovations and new builds, this system allows direct installation of floor coverings on the heating system. With installation heights starting from 32 mm including floor covering, TS14 R is designed for low clearance applications. It boasts high thermal responsiveness, minimal thermal mass, and operates efficiently at low heating water temperatures. The system includes components such as profile system plates, combination elements, and specifically designed edge profiles. Use only the recommended adhesive for attaching system boards or parquet. Ideal for wooden structures, low-load capacities, and moisture-sensitive environments, TS14 R ensures an energy-efficient, rapid installation underfloor heating solution.

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
---------	------	-------

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
------------	------------------	------------------