

Declaration of Performance

No: F1Z2103012000000

1. Unique identification code of the product-type:

F1Z2103012000000

Name: Premier Metric
Type: 21
Height (mm): 300
Length (mm): 1200

2. Intended use/es:

In heating systems in buildings

3. Manufacturer:

PURMO GROUP Plc
Bulevardi 46
P.O. Box 115
FI-00121 Helsinki
Finland
www.purmogroup.com

4. Authorised representative:

Not relevant

5. System/s of AVCP:

System 3

6a. Harmonised standard:

EN 442-1: 2014

Notified body/ies:

0626

7. Declared performance/s:

Essential characteristics	Performance	Harmonised technical specification
Reaction to fire	A1	EN 442-1: 2014
Release of dangerous substances	none	
Pressure tightness	No leakage at 1.3 x MOP	
Surface temperature	Max. 100 °C	
Resistance to pressure	No breakage at 1.69 x MOP Maximum operating pressure (MOP)=540 kPa	
Rated thermal output (W)	$\Phi_{30} = 491 \text{ W}$ $\Phi_{50} = 942 \text{ W}$	
Thermal output in different operating conditions (characteristic curve)	$\Phi = 6.407 * \Delta T^{1.2757}$	
Durability as:		
Resistance against corrosion	No corrosion after 100 h humidity	
Resistance against minor impact	Class 0	

8. Appropriate Technical Documentation and/or Specific Technical Documentation:

The performance of the product identified above is in conformity with the set of declared performance/s. This declaration of performance is issued, in accordance with Regulation (EU) No 305/2011, under the sole responsibility of the manufacturer identified above.

Signed for and on behalf of the manufacturer by:

Marek Kiszka, Operations Director, Radiator Division

Andreas Bünker, Research & Development, Product & System Division
Helsinki, 14.12.2023

