Declaration of Performance

No: F1Z2203016000000

1. Unique identification code of the product-type:

F1Z2203016000000

Name: Premier Metric
Type: 22
Height (mm): 300
Length (mm): 1600

2. Intended use:

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

6. a) Harmonised standard:

EN 442-1 : 2014

Notified body:

0626

7. Declared performance:

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	φ_{30} = 836 W φ_{50} = 1609 W	
Thermal output in different operating conditions (characteristic curve)	$\varphi = 10.657 * \Delta T^{1.2825}$	
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 Construction Products Regulations GB, 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