

## Declaration of Performance

No: F90121800103010S10

**1. Unique identification code of the product–type:**

**F90121800103010S10**

Name: Column  
 Type: 2  
 Height (mm): 1800  
 Length (mm): 500

**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:**

1698

**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. 110 °C	
Resistance to pressure	No breakage at 1.69 x MOP Maximum operating pressure (MOP)=1000 kPa	
Rated thermal output	$\phi_{30} = 674 \text{ W}$ $\phi_{50} = 1322 \text{ W}$	
Thermal output in different operating conditions (characteristic curve)	$\phi = 7.572 * \Delta T^{1.3197}$	
<b>Durability as:</b>		
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

