

Declaration of Performance

No: F90122000103010S10

1. Unique identification code of the product-type:

F90122000103010S10

Name: Column
Type: 2
Height (mm): 2000
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 | $\varphi_{30} = 745 \text{ W}$ $\varphi_{50} = 1468 \text{ W}$ | |
| Thermal output in different operating conditions (characteristic curve) | $\varphi = 8.111 * \Delta T^{1.3289}$ | |
| 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

