

## Declaration of Performance

No: F90120450123010S10

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

**F90120450123010S10**

Name: Delta  
 Type: 2  
 Height (mm): 450  
 Length (mm): 600

**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:**

1698

**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. 110 °C	
Resistance to pressure	No breakage at 1.69 x MOP Maximum operating pressure (MOP)=1000 kPa	
Rated thermal output (W)	$\Phi_{30} = 232 \text{ W}$ $\Phi_{50} = 435 \text{ W}$	
Thermal output in different operating conditions (characteristic curve)	$\Phi = 3.505 * \Delta T^{1.2325}$	
<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 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

