

# DECLARATION OF PERFORMANCE

No. RICC 131115

References: The Construction Products Regulation EU No. 305/2011

The harmonized standards EN442-1:2014 and EN442-2:2014

- 1 Unique identification code of the product-type  
According to the EN 442-2:2014 Annex G:
  - Figure G.3 – Towel radiators
  - Figure G.4 – Pleated steel radiators
  - Figure G.6 – Panel radiators
  - Figure G.7 – Flat tube radiators with convective fins
  - Figure G.8 – Finned tube convectors
  - Figure G.9 – Multi column radiators
- 2 Product identification  
Product identification codes are positioned in the product package labels
- 3 Intended use of the products according to the EN 442-1:2014 standard  
In heating systems in buildings: Metallic radiators and convectors installed in a permanent manner in construction works, fed with water or steam supplied by a remote heat source
- 4 Name and contact address of the manufacturer  
Rettig ICC bv, Australiëlaan 6, 6199 AA, Maastricht-Airport, The Netherlands  
[www.rettigicc.com/ce](http://www.rettigicc.com/ce)
- 5 Authorized representative  
Not relevant
- 6 System of assessment and verification of constancy of performance  
System 3. All products in different Rettig production sites, produced according to the same technical specifications use the same production methods and materials, fulfill the same requirements of quality
- 7 The Notified Bodies and the performance conformities  
Name and identification number of the Notified Bodies
  - BSRIA Ltd. NB 0480
  - CETIAT NB 1623
  - HLK NB 0626
  - WTP GmbH NB 1698Conformities include the product test reports of the Notified Bodies.
- 8 The European Technical Assessment references  
Not relevant

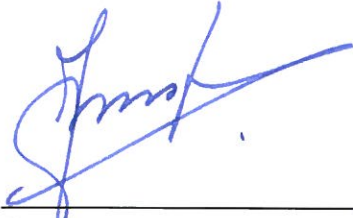
## 9 Declared performance

Essential characteristics	Performance	Harmonized technical specification
Reaction to fire	A1	EN 442-1:2014
Release of dangerous substances	None	
Pressure tightness	No leakage at 1,3 x maximum operating pressure (kPa) Maximum operating pressure 1000 kPa <sup>1)</sup>	
Surface temperature	Maximum 120 °C <sup>2)</sup>	
Resistance to pressure	No breakage at 1,69 x maximum operating pressure (kPa)	
Rated thermal outputs	$\Phi_{30} = 863 \text{ W}^{3)}$ $\Phi_{50} = 1709 \text{ W}^{4)}$	
Thermal output in different operating conditions ( <i>characteristic curve</i> )	$\Phi = 9,189 * \Delta T^{1,3358 5)}$	
Durability as:		
Resistance against corrosion	No corrosion after 100 h humidity	
Resistance against minor impact	Class 0	


Notes 1)...5). These are example values for a Purmo C22-600-1000 panel radiator (EN 442-2:2014 Annex G.6). The real figures covered by this declaration are printed for all products on the product package label and technical catalogues readable also via electronic means.

- 10 The performance of the product identified under points 1 and 2 is in accordance with the declared performance under point 9.  
 This declaration of performance is issued under the sole responsibility of Rettig ICC bv.  
 Name, position and address held by the persons empowered to sign the declaration on behalf of Rettig ICC bv by:

Jos Bongers  
 Chief Operations Officer  
 Rettig ICC bv  
 Maastricht 13<sup>th</sup> November 2015

  
 \_\_\_\_\_  
 Jos Bongers

Johan Struyf  
 Director Research & Development  
 Rettig ICC bv  
 Maastricht 13<sup>th</sup> November 2015

  
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 Johan Struyf