

## DECLARATION OF PERFORMANCE

No. RICC LV40003822806

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.4 — Pleated steel radiators

Figure G.6 — Panel radiators

Figure G.7 — Flat tube radiators with convective fins

Figure G.8 — Finned tube convectors

### **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**

SIA "Lyngson", "Akači", Olaines pag. Olaines novads, LV-2127, Latvia

### **5 Authorized representative**

Not relevant

### **6 System of assessment and verification of constancy of performance**

System 3. All Lyngson products 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

Danish Technological Institute - NB 1235

Conformities include the product test reports of the Notified Bodies.

### **8 The European Technical Assessment references**

Not relevant



Nr. DNKFR091514A

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#### **LYNGSON SIA**

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LUMINOR BANK AS

## 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	
Surface temperature	Maximum 120°C	
Resistance to pressure	No breakage at 1,69 x maximum operating pressure (kPa)	
<b>Thermal test results*</b>		
Standard thermal output ( at $\Delta t = 50$ K), $\varphi(50)$ :	1514 W	
Standard output per meter, $\varphi_L(50)$ :	1509 W	
Standard water flow rate, $q_m$ :	116 kg/h	
Radiator exponent n for $\varphi = K_m \cdot DT^n$	1,3011	
Radiator constant, $K_m$ :	9,3239	
Durability as:		
Resistance against corrosion	No corrosion after 100 h humidity	
Resistance against minor impact	Class 0	

\*These are example values for a MC 21-610 SVL panel radiator (EN442-2:2014 Annex G.6). Real figures covered by this declaration are printed for all products on the product package label and technical catalogues readable also via electronic means.

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 Lyngson SIA.

Signed for and on behalf of:

Uldis Benhens, Member of the board  
Olaine, 22/10/2015

  
 (Signature)





Nr. DNKFR01514A

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