

**Garda S/90**

This document is issued under the provisions of Construction Products Regulations (Regulation as brought into UK law and amended).

1. Unique identification code of the product-type:

**Garda S/90**

Type, batch or serial number or any other element allowing identification of the construction product as required pursuant to Article 11(4):

Model		Distances between centres (mm)
<b>Garda S/90</b>	900	900
	1000	1000
	1200	1200
	1400	1400
	1600	1600
	1800	1800
	2000	2000

Brandname: **Fondital**

2. Intended use or uses of the construction product, in accordance with the applicable harmonised technical specification, as foreseen by the manufacturer:

***Metallic radiators and convectors installed in a permanent manner in construction works, fed with water or steam at temperatures below 120 °C, supplied by a remote heat source.***

3. Name, registered trade name or registered trade mark and contact address of the manufacturer as required pursuant to Article 11:

***Fondital Spa  
Via Cerreto, 40  
25079 Carpeneda di Vobarno BS  
Italy***

4. Where applicable, name and contact address of the authorised representative whose mandate covers the tasks specified in Article 12: -----

5. System or systems of assessment and verification of constancy of performance of the construction product as set out in Annex V: **System 3**

6. Type tests pursuant to EN 442 standard (**System 3**) carried out by:

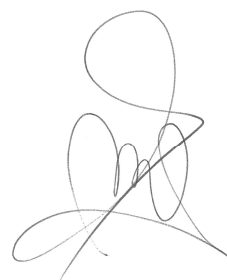
**CETIAT, Notified Body n° 1623**

7. Declared performance

Characteristic		Performance							Harmonized technical specification
Reaction to fire		A1							BS EN 442-1:2014
Release of dangerous substances		None							
Pressure tightness		Pass (2400 kPa)							
Surface temperature		120 °C maximum, corresponding to water flow temperature							
Resistance to pressure		Pass (3200 kPa) Maximum operating pressure: 1600 kPa							
Rated thermal outputs W/elem		Distance between centres							
		900	1000	1200	1400	1600	1800	2000	
	φ <sub>30</sub>	<b>90,9</b>	<b>97,2</b>	<b>111,3</b>	<b>124,8</b>	<b>135,9</b>	<b>150</b>	<b>159,5</b>	
	φ <sub>50</sub>	<b>182</b>	<b>195</b>	<b>223</b>	<b>250</b>	<b>275</b>	<b>300</b>	<b>324</b>	
Thermal output in different operating conditions (characteristic curve)		φ = Km x ΔT <sup>n</sup>							
	Km	0,8886	0,9426	1,0864	1,2227	1,2260	1,4846	1,4083	
	n	1,3605	1,3630	1,3610	1,3600	1,3843	1,3570	1,3905	
Durability:									
Resistance against corrosion		No corrosion after 200 h humidity							
Paint resistance		Class 0							

8. The performance of the product identified in point 1 is in conformity with the declared performance in point 7.

This declaration of performance is issued under the sole responsibility of the manufacturer identified in point 3.



Signed for and on behalf of the manufacturer by:

**Fondital S.p.A.**

**Dr. Valeria Niboli**  
Legal Representative

Nr. Revisione 00	Carpineda di Vobarno, 26/09/22	
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