

Mood

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: **Mood**

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)	Model		Distances between centres (mm)
Mood	235	235	Mood	935	935
	335	335		1000	1000
	350	350		1135	1135
	435	435		1200	1200
	500	500		1400	1400
	535	535		1435	1435
	600	600		1600	1600
	685	685		1735	1735
	700	700		1800	1800
	800	800		1935	1935
	835	835		2000	2000
	900	900		---	---

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:

Politecnico di Milano, Laboratorio M.R.T., Notified Body n° 1695

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								
		235	335	350	435	500	535	600	685	
	φ 30	16,0	21,1	21,8	25,6	28,5	30,1	32,9	36,6	
	φ 50	30,6	40,5	41,9	49,4	55,1	58,2	63,8	71,2	
Thermal output in different operating conditions (characteristic curve)		$\phi = Km \times \Delta T^n$								
	Km	0,2158	0,2718	0,2799	0,3243	0,3566	0,3734	0,4037	0,4418	
	n	1,2665	1,2792	1,2800	1,2849	1,2885	1,2905	1,2942	1,2990	
Rated thermal outputs W/elem.		Distance between centres								
		700	800	835	900	935	1000	1135	1200	
	φ 30	37,3	41,6	43,1	45,9	47,5	50,3	56,2	59,9	
	φ 50	72,5	81,1	84,1	89,7	92,7	98,3	110,0	115,7	
Thermal output in different operating conditions (characteristic curve)		$\phi = Km \times \Delta T^n$								
	Km	0,4484	0,4907	0,5050	0,5353	0,5514	0,5812	0,6420	0,6809	
	n	1,2999	1,3055	1,3075	1,30910	1,3100	1,3115	1,3149	1,3164	
Rated thermal outputs W/elem.		Distance between centres								
		1400	1435	1600	1735	1800	1935	2000	----	
	φ 30	67,9	69,5	77,1	83,4	86,4	92,9	96,1	----	
	φ 50	133,3	136,4	151,2	163,4	169,4	181,9	188,1	----	
Thermal output in different operating conditions (characteristic curve)		$\phi = Km \times \Delta T^n$								
	Km	0,7583	0,7771	0,8673	0,9430	0,9801	1,0585	1,0970	----	
	n	1,3213	1,3210	1,3192	1,3178	1,3171	1,3156	1,3150	----	
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	
------------------	--------------------------------	--