

# Declaration of performance

No. DoP-ISG1018

1. Unique identification code of the product-type:

Group codes: **OMB6 – OMLB6 – EMB6 – EMLB6**  
Product name: **Henrad Premium ECO**

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

Batch number: see packaging of the product.

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

Heat emitters for central heating systems to be supplied with hot water and steam below 120°C from a remote heat source (boiler or similar).

4. Name, registered trade name or registered trade mark and contact address of the manufacturer as required pursuant to Article 11(5):

Ideal Stelrad Group  
69-75 Side  
Newcastle Upon Tyne  
NE1 3JE  
United Kingdom

5. Where applicable, name and contact address of the authorised representative whose mandate covers the tasks specified in Article 12(2):

Not applicable

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

System 3

7. In case of the declaration of performance concerning a construction product covered by a harmonised standard:

CETIAT  
Domaine Scientifique de la Doua  
25 Avenue des Arts  
BP 52042  
69603 Villeurbanne Cedex - France  
Identification number: 1623

performed the assessment and evaluation of the product under system 3 by determination of the product-type on the basis of type testing

and issued the corresponding test reports.

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No. DoP-ISG1018

8. In case of the declaration of performance concerning a construction product for which a European Technical Assessment has been issued:

Not applicable

9. Declared performance:

Characteristic	Performance	Harmonized technical specification
Reaction to fire	A1	EN 442-1:1995/A1:2003
Release of dangerous substances	None	EN 442-1:1995/A1:2003
Pressure tightness	Pass (1300 kPa)	EN 442-1:1995/A1:2003
Surface temperature	Maximum 110 °C	EN 442-1:1995/A1:2003
Resistance to pressure	Pass (1690 kPa)	EN 442-1:1995/A1:2003
Rated thermal outputs	See Annex 1	EN 442-1:1995/A1:2003
Thermal output in different operating conditions ( <i>characteristic curve</i> )	$\Phi = (K_M \times \Delta T^n) \times L/1000$ ( $K_M$ , n and L : see Annex 1)	EN 442-1:1995/A1:2003

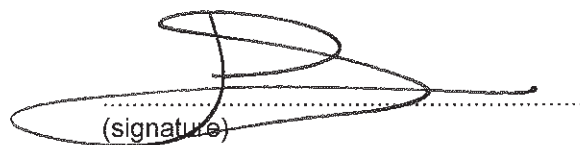
10. The performance of the product identified in points 1 and 2 is in conformity with the declared performance in point 9.

This declaration of performance is issued under the sole responsibility of the manufacturer identified in point 4.

Signed for and on behalf of the manufacturer by:

Bart Maris, Managing Director  
(name and function)

Herentals, 23/09/2013  
(place and date of issue)

  
(signature)

# Declaration of performance

No. DoP-ISG1018

## Annex 1

OMB6 - OMLB6 - EMB6 - EMLB6					
T	H (mm)	L (mm)	Heat output at $\Delta T50$ (W)	n	Km
11	0300	0400	204	1,3216	2,8931
11	0300	0500	255	1,3216	2,8931
11	0300	0600	305	1,3216	2,8931
11	0300	0700	356	1,3216	2,8931
11	0300	0800	407	1,3216	2,8931
11	0300	0900	458	1,3216	2,8931
11	0300	1000	509	1,3216	2,8931
11	0300	1100	560	1,3216	2,8931
11	0300	1200	611	1,3216	2,8931
11	0300	1400	713	1,3216	2,8931
11	0400	0400	270	1,3117	3,994
11	0400	0500	338	1,3117	3,994
11	0400	0600	406	1,3117	3,994
11	0400	0700	473	1,3117	3,994
11	0400	0800	541	1,3117	3,994
11	0400	0900	608	1,3117	3,994
11	0400	1000	676	1,3117	3,994
11	0400	1100	744	1,3117	3,994
11	0400	1200	811	1,3117	3,994
11	0400	1400	946	1,3117	3,994
11	0400	1600	1082	1,3117	3,994
11	0400	1800	1217	1,3117	3,994
11	0400	2000	1352	1,3117	3,994
11	0500	0400	333	1,3018	5,1159
11	0500	0500	417	1,3018	5,1159
11	0500	0600	500	1,3018	5,1159
11	0500	0700	583	1,3018	5,1159
11	0500	0800	666	1,3018	5,1159
11	0500	0900	750	1,3018	5,1159
11	0500	1000	833	1,3018	5,1159
11	0500	1100	916	1,3018	5,1159
11	0500	1200	1000	1,3018	5,1159
11	0500	1400	1166	1,3018	5,1159
11	0500	1600	1333	1,3018	5,1159
11	0500	1800	1499	1,3018	5,1159
11	0500	2000	1666	1,3018	5,1159
11	0500	2200	1833	1,3018	5,1159
11	0500	2400	1999	1,3018	5,1159
11	0600	0400	392	1,2919	6,2564
11	0600	0500	490	1,2919	6,2564
11	0600	0600	588	1,2919	6,2564
11	0600	0700	686	1,2919	6,2564
11	0600	0800	784	1,2919	6,2564
11	0600	0900	882	1,2919	6,2564
11	0600	1000	980	1,2919	6,2564
11	0600	1100	1078	1,2919	6,2564
11	0600	1200	1176	1,2919	6,2564
11	0600	1400	1372	1,2919	6,2564
11	0600	1600	1568	1,2919	6,2564
11	0600	1800	1764	1,2919	6,2564
11	0600	2000	1960	1,2919	6,2564
11	0600	2200	2156	1,2919	6,2564
11	0600	2400	2352	1,2919	6,2564
11	0700	0400	447	1,2919	7,1311
11	0700	0500	559	1,2919	7,1311
11	0700	0600	670	1,2919	7,1311
11	0700	0700	782	1,2919	7,1311
11	0700	0800	894	1,2919	7,1311
11	0700	0900	1005	1,2919	7,1311
11	0700	1000	1117	1,2919	7,1311
11	0700	1100	1229	1,2919	7,1311
11	0700	1200	1340	1,2919	7,1311
11	0700	1400	1564	1,2919	7,1311
11	0700	1600	1787	1,2919	7,1311
11	0700	1800	2011	1,2919	7,1311

OMB6 - OMLB6 - EMB6 - EMLB6					
T	H (mm)	L (mm)	Heat output at $\Delta T50$ (W)	n	Km
11	0700	2000	2234	1,2919	7,1311
11	0900	0400	544	1,2919	8,6824
11	0900	0500	680	1,2919	8,6824
11	0900	0600	816	1,2919	8,6824
11	0900	0700	952	1,2919	8,6824
11	0900	0800	1088	1,2919	8,6824
11	0900	0900	1224	1,2919	8,6824
11	0900	1000	1360	1,2919	8,6824
11	0900	1100	1496	1,2919	8,6824
11	0900	1200	1632	1,2919	8,6824
11	0900	1400	1904	1,2919	8,6824
11	0900	1600	2176	1,2919	8,6824
11	0900	1800	2448	1,2919	8,6824
11	0900	2000	2720	1,2919	8,6824
21	0300	0400	298	1,2813	4,9509
21	0300	0500	372	1,2813	4,9509
21	0300	0600	446	1,2813	4,9509
21	0300	0700	521	1,2813	4,9509
21	0300	0800	595	1,2813	4,9509
21	0300	0900	670	1,2813	4,9509
21	0300	1000	744	1,2813	4,9509
21	0300	1100	818	1,2813	4,9509
21	0300	1200	893	1,2813	4,9509
21	0300	1400	1042	1,2813	4,9509
21	0300	1600	1190	1,2813	4,9509
21	0300	1800	1339	1,2813	4,9509
21	0300	2000	1488	1,2813	4,9509
21	0300	2200	1637	1,2813	4,9509
21	0300	2400	1786	1,2813	4,9509
21	0400	0400	371	1,2885	5,9973
21	0400	0500	464	1,2885	5,9973
21	0400	0600	556	1,2885	5,9973
21	0400	0700	649	1,2885	5,9973
21	0400	0800	742	1,2885	5,9973
21	0400	0900	834	1,2885	5,9973
21	0400	1000	927	1,2885	5,9973
21	0400	1100	1020	1,2885	5,9973
21	0400	1200	1112	1,2885	5,9973
21	0400	1400	1298	1,2885	5,9973
21	0400	1600	1483	1,2885	5,9973
21	0400	1800	1669	1,2885	5,9973
21	0400	2000	1854	1,2885	5,9973
21	0400	2200	2039	1,2885	5,9973
21	0400	2400	2225	1,2885	5,9973
21	0500	0400	443	1,2956	6,9657
21	0500	0500	554	1,2956	6,9657
21	0500	0600	664	1,2956	6,9657
21	0500	0700	775	1,2956	6,9657
21	0500	0800	886	1,2956	6,9657
21	0500	0900	996	1,2956	6,9657
21	0500	1000	1107	1,2956	6,9657
21	0500	1100	1218	1,2956	6,9657
21	0500	1200	1328	1,2956	6,9657
21	0500	1400	1550	1,2956	6,9657
21	0500	1600	1771	1,2956	6,9657
21	0500	1800	1993	1,2956	6,9657
21	0500	2000	2214	1,2956	6,9657
21	0500	2200	2435	1,2956	6,9657
21	0500	2400	2657	1,2956	6,9657
21	0600	0400	515	1,3027	7,8764
21	0600	0500	644	1,3027	7,8764
21	0600	0600	772	1,3027	7,8764
21	0600	0700	901	1,3027	7,8764
21	0600	0800	1030	1,3027	7,8764
21	0600	0900	1158	1,3027	7,8764
21	0600	1000	1287	1,3027	7,8764

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OMB6 - OMLB6 - EMB6 - EMLB6					
T	H (mm)	L (mm)	Heat output at $\Delta T50$ (W)	n	Km
21	0600	1100	1416	1,3027	7,8764
21	0600	1200	1544	1,3027	7,8764
21	0600	1400	1802	1,3027	7,8764
21	0600	1600	2059	1,3027	7,8764
21	0600	1800	2317	1,3027	7,8764
21	0600	2000	2574	1,3027	7,8764
21	0600	2200	2831	1,3027	7,8764
21	0600	2400	3089	1,3027	7,8764
21	0700	0400	587	1,3099	8,7287
21	0700	0500	734	1,3099	8,7287
21	0700	0600	880	1,3099	8,7287
21	0700	0700	1027	1,3099	8,7287
21	0700	0800	1174	1,3099	8,7287
21	0700	0900	1320	1,3099	8,7287
21	0700	1000	1467	1,3099	8,7287
21	0700	1100	1614	1,3099	8,7287
21	0700	1200	1760	1,3099	8,7287
21	0700	1400	2054	1,3099	8,7287
21	0700	1600	2347	1,3099	8,7287
21	0700	1800	2641	1,3099	8,7287
21	0700	2000	2934	1,3099	8,7287
21	0900	0400	734	1,3242	10,3299
21	0900	0500	918	1,3242	10,3299
21	0900	0600	1102	1,3242	10,3299
21	0900	0700	1285	1,3242	10,3299
21	0900	0800	1469	1,3242	10,3299
21	0900	0900	1652	1,3242	10,3299
21	0900	1000	1836	1,3242	10,3299
21	0900	1100	2020	1,3242	10,3299
21	0900	1200	2203	1,3242	10,3299
21	0900	1400	2570	1,3242	10,3299
21	0900	1600	2938	1,3242	10,3299
21	0900	1800	3305	1,3242	10,3299
21	0900	2000	3672	1,3242	10,3299
22	0300	0400	373	1,3054	5,65
22	0300	0500	467	1,3054	5,65
22	0300	0600	560	1,3054	5,65
22	0300	0700	653	1,3054	5,65
22	0300	0800	746	1,3054	5,65
22	0300	0900	840	1,3054	5,65
22	0300	1000	933	1,3054	5,65
22	0300	1100	1026	1,3054	5,65
22	0300	1200	1120	1,3054	5,65
22	0300	1400	1306	1,3054	5,65
22	0300	1600	1493	1,3054	5,65
22	0300	1800	1679	1,3054	5,65
22	0300	2000	1866	1,3054	5,65
22	0300	2200	2053	1,3054	5,65
22	0300	2400	2239	1,3054	5,65
22	0300	2600	2426	1,3054	5,65
22	0300	2800	2612	1,3054	5,65
22	0300	3000	2799	1,3054	5,65
22	0400	0400	469	1,3047	7,1228
22	0400	0500	587	1,3047	7,1228
22	0400	0600	704	1,3047	7,1228
22	0400	0700	821	1,3047	7,1228
22	0400	0800	938	1,3047	7,1228
22	0400	0900	1056	1,3047	7,1228
22	0400	1000	1173	1,3047	7,1228
22	0400	1100	1290	1,3047	7,1228
22	0400	1200	1408	1,3047	7,1228
22	0400	1400	1642	1,3047	7,1228
22	0400	1600	1877	1,3047	7,1228
22	0400	1800	2111	1,3047	7,1228
22	0400	2000	2346	1,3047	7,1228
22	0400	2200	2581	1,3047	7,1228
22	0400	2400	2815	1,3047	7,1228

OMB6 - OMLB6 - EMB6 - EMLB6					
T	H (mm)	L (mm)	Heat output at $\Delta T50$ (W)	n	Km
22	0400	2600	3050	1,3047	7,1228
22	0400	2800	3284	1,3047	7,1228
22	0400	3000	3519	1,3047	7,1228
22	0500	0400	560	1,304	8,5306
22	0500	0500	701	1,304	8,5306
22	0500	0600	841	1,304	8,5306
22	0500	0700	981	1,304	8,5306
22	0500	0800	1121	1,304	8,5306
22	0500	0900	1261	1,304	8,5306
22	0500	1000	1401	1,304	8,5306
22	0500	1100	1541	1,304	8,5306
22	0500	1200	1681	1,304	8,5306
22	0500	1400	1961	1,304	8,5306
22	0500	1600	2242	1,304	8,5306
22	0500	1800	2522	1,304	8,5306
22	0500	2000	2802	1,304	8,5306
22	0500	2200	3082	1,304	8,5306
22	0500	2400	3362	1,304	8,5306
22	0500	2600	3643	1,304	8,5306
22	0500	2800	3923	1,304	8,5306
22	0500	3000	4203	1,304	8,5306
22	0600	0400	647	1,3032	9,8767
22	0600	0500	809	1,3032	9,8767
22	0600	0600	970	1,3032	9,8767
22	0600	0700	1132	1,3032	9,8767
22	0600	0800	1294	1,3032	9,8767
22	0600	0900	1455	1,3032	9,8767
22	0600	1000	1617	1,3032	9,8767
22	0600	1100	1779	1,3032	9,8767
22	0600	1200	1940	1,3032	9,8767
22	0600	1400	2264	1,3032	9,8767
22	0600	1600	2587	1,3032	9,8767
22	0600	1800	2911	1,3032	9,8767
22	0600	2000	3234	1,3032	9,8767
22	0600	2200	3557	1,3032	9,8767
22	0600	2400	3881	1,3032	9,8767
22	0600	2600	4204	1,3032	9,8767
22	0600	2800	4528	1,3032	9,8767
22	0600	3000	4851	1,3032	9,8767
22	0700	0400	730	1,3025	11,1716
22	0700	0500	912	1,3025	11,1716
22	0700	0600	1094	1,3025	11,1716
22	0700	0700	1277	1,3025	11,1716
22	0700	0800	1459	1,3025	11,1716
22	0700	0900	1642	1,3025	11,1716
22	0700	1000	1824	1,3025	11,1716
22	0700	1100	2006	1,3025	11,1716
22	0700	1200	2189	1,3025	11,1716
22	0700	1400	2554	1,3025	11,1716
22	0700	1600	2918	1,3025	11,1716
22	0700	1800	3283	1,3025	11,1716
22	0700	2000	3648	1,3025	11,1716
22	0900	0400	888	1,3011	13,6717
22	0900	0500	1110	1,3011	13,6717
22	0900	0600	1332	1,3011	13,6717
22	0900	0700	1554	1,3011	13,6717
22	0900	0800	1776	1,3011	13,6717
22	0900	0900	1998	1,3011	13,6717
22	0900	1000	2220	1,3011	13,6717
22	0900	1100	2442	1,3011	13,6717
22	0900	1200	2664	1,3011	13,6717
22	0900	1400	3108	1,3011	13,6717
22	0900	1600	3552	1,3011	13,6717
22	0900	1800	3996	1,3011	13,6717
22	0900	2000	4440	1,3011	13,6717
33	0300	0400	539	1,3279	7,4697
33	0300	0500	674	1,3279	7,4697



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OMB6 - OMLB6 - EMB6 - EMLB6					
T	H (mm)	L (mm)	Heat output at $\Delta T50$ (W)	n	Km
33	0300	0600	808	1,3279	7,4697
33	0300	0700	943	1,3279	7,4697
33	0300	0800	1078	1,3279	7,4697
33	0300	0900	1212	1,3279	7,4697
33	0300	1000	1347	1,3279	7,4697
33	0300	1100	1482	1,3279	7,4697
33	0300	1200	1616	1,3279	7,4697
33	0300	1400	1886	1,3279	7,4697
33	0300	1600	2155	1,3279	7,4697
33	0300	1800	2425	1,3279	7,4697
33	0300	2000	2694	1,3279	7,4697
33	0300	2200	2963	1,3279	7,4697
33	0300	2400	3233	1,3279	7,4697
33	0300	2600	3502	1,3279	7,4697
33	0300	2800	3772	1,3279	7,4697
33	0300	3000	4041	1,3279	7,4697
33	0400	0400	674	1,3277	9,357
33	0400	0500	843	1,3277	9,357
33	0400	0600	1012	1,3277	9,357
33	0400	0700	1180	1,3277	9,357
33	0400	0800	1349	1,3277	9,357
33	0400	0900	1517	1,3277	9,357
33	0400	1000	1686	1,3277	9,357
33	0400	1100	1855	1,3277	9,357
33	0400	1200	2023	1,3277	9,357
33	0400	1400	2360	1,3277	9,357
33	0400	1600	2698	1,3277	9,357
33	0400	1800	3035	1,3277	9,357
33	0400	2000	3372	1,3277	9,357
33	0400	2200	3709	1,3277	9,357
33	0400	2400	4046	1,3277	9,357
33	0500	0400	803	1,3275	11,1472
33	0500	0500	1004	1,3275	11,1472
33	0500	0600	1204	1,3275	11,1472
33	0500	0700	1405	1,3275	11,1472
33	0500	0800	1606	1,3275	11,1472
33	0500	0900	1806	1,3275	11,1472
33	0500	1000	2007	1,3275	11,1472
33	0500	1100	2208	1,3275	11,1472
33	0500	1200	2408	1,3275	11,1472
33	0500	1400	2810	1,3275	11,1472
33	0500	1600	3211	1,3275	11,1472
33	0500	1800	3613	1,3275	11,1472
33	0500	2000	4014	1,3275	11,1472
33	0500	2200	4415	1,3275	11,1472
33	0500	2400	4817	1,3275	11,1472
33	0600	0400	925	1,3274	12,8518
33	0600	0500	1157	1,3274	12,8518
33	0600	0600	1388	1,3274	12,8518
33	0600	0700	1619	1,3274	12,8518
33	0600	0800	1850	1,3274	12,8518
33	0600	0900	2082	1,3274	12,8518
33	0600	1000	2313	1,3274	12,8518
33	0600	1100	2544	1,3274	12,8518
33	0600	1200	2776	1,3274	12,8518
33	0600	1400	3238	1,3274	12,8518
33	0600	1600	3701	1,3274	12,8518
33	0600	1800	4163	1,3274	12,8518
33	0600	2000	4626	1,3274	12,8518
33	0600	2200	5089	1,3274	12,8518
33	0600	2400	5551	1,3274	12,8518
33	0700	0400	1043	1,3272	14,4967
33	0700	0500	1304	1,3272	14,4967
33	0700	0600	1564	1,3272	14,4967
33	0700	0700	1825	1,3272	14,4967
33	0700	0800	2086	1,3272	14,4967
33	0700	0900	2346	1,3272	14,4967

OMB6 - OMLB6 - EMB6 - EMLB6					
T	H (mm)	L (mm)	Heat output at $\Delta T50$ (W)	n	Km
33	0700	1000	2607	1,3272	14,4967
33	0700	1100	2868	1,3272	14,4967
33	0700	1200	3128	1,3272	14,4967
33	0700	1400	3650	1,3272	14,4967
33	0700	1600	4171	1,3272	14,4967
33	0700	1800	4693	1,3272	14,4967
33	0700	2000	5214	1,3272	14,4967
33	0900	0400	1272	1,3268	17,7106
33	0900	0500	1590	1,3268	17,7106
33	0900	0600	1908	1,3268	17,7106
33	0900	0700	2226	1,3268	17,7106
33	0900	0800	2544	1,3268	17,7106
33	0900	0900	2862	1,3268	17,7106
33	0900	1000	3180	1,3268	17,7106
33	0900	1100	3498	1,3268	17,7106
33	0900	1200	3816	1,3268	17,7106
33	0900	1400	4452	1,3268	17,7106
33	0900	1600	5088	1,3268	17,7106
33	0900	1800	5724	1,3268	17,7106
33	0900	2000	6360	1,3268	17,7106