

Declaration of performance
No. DoP-ISG2004

1. Unique identification code of the product-type:

Group code: **ECBK**
Product name: **Savanna i**

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:

Institut für GebäudeEnergetik, Universität Stuttgart
Pfaffenwaldring 35
70569 Stuttgart, Deutschland
Identification number: 0626

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

Not applicable

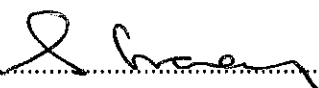
9. Declared performance:

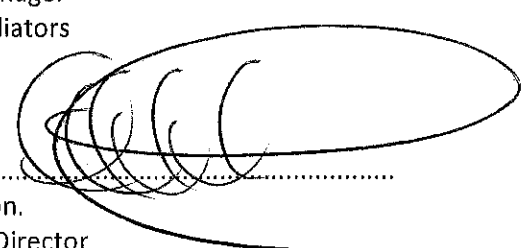
Essential characteristic	Performance	Harmonized technical specification
Reaction to fire	A1	EN 442-1:1995/A1:2003
Release of dangerous substances	None	EN 442-1:1995/A1:2003
Pressure tightness	Pass 1050kPa	EN 442-1:1995/A1:2003
Surface temperature	Maximum 95 °C	EN 442-1:1995/A1:2003
Resistance to pressure	Pass 1300kPa	EN 442-1:1995/A1:2003
Rated thermal outputs	See Annex 1	EN 442-1:1995/A1:2003
Thermal output in different operating conditions	$\Phi = (K_M \times \Delta T^n) \times L/1000$ (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:


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Steve Franey
Quality Manager
Stelrad Radiators


.....
Mike Conlon,
Managing Director
Stelrad Radiators

Date  3 September 2017

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Annex 1

UK type	Type	Height (mm)	Length (mm)	Heat output at ΔT_{50} (W)	n-coefficient	Km
K1	11	0300	0500	255	1.3216	2.8931
K1	11	0300	1000	509	1.3216	2.8931
K1	11	0300	1500	764	1.3216	2.8931
K1	11	0450	0400	302	1.3068	4.5531
K1	11	0450	0500	378	1.3068	4.5531
K1	11	0450	0600	454	1.3068	4.5531
K1	11	0450	0700	529	1.3068	4.5531
K1	11	0450	0800	605	1.3068	4.5531
K1	11	0450	0900	680	1.3068	4.5531
K1	11	0450	1000	756	1.3068	4.5531
K1	11	0450	1100	832	1.3068	4.5531
K1	11	0450	1200	907	1.3068	4.5531
K1	11	0450	1400	1058	1.3068	4.5531
K1	11	0450	1600	1210	1.3068	4.5531
K1	11	0450	1800	1361	1.3068	4.5531
K1	11	0450	2000	1512	1.3068	4.5531
K1	11	0500	0400	333	1.3018	5.1159
K1	11	0500	0500	417	1.3018	5.1159
K1	11	0500	0600	500	1.3018	5.1159
K1	11	0500	0700	583	1.3018	5.1159
K1	11	0500	0800	666	1.3018	5.1159
K1	11	0500	0900	750	1.3018	5.1159
K1	11	0500	1000	833	1.3018	5.1159
K1	11	0500	1100	916	1.3018	5.1159

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UK type	Type	Height (mm)	Length (mm)	Heat output at ΔT_{50} (W)	n-coefficient	Km
K1	11	0500	1200	1000	1.3018	5.1159
K1	11	0500	1400	1166	1.3018	5.1159
K1	11	0500	1600	1333	1.3018	5.1159
K1	11	0500	1800	1499	1.3018	5.1159
K1	11	0500	2000	1666	1.3018	5.1159
K1	11	0600	0400	392	1.2919	6.2564
K1	11	0600	0500	490	1.2919	6.2564
K1	11	0600	0600	588	1.2919	6.2564
K1	11	0600	0700	686	1.2919	6.2564
K1	11	0600	0800	784	1.2919	6.2564
K1	11	0600	0900	882	1.2919	6.2564
K1	11	0600	1000	980	1.2919	6.2564
K1	11	0600	1100	1078	1.2919	6.2564
K1	11	0600	1200	1176	1.2919	6.2564
K1	11	0600	1400	1372	1.2919	6.2564
K1	11	0600	1600	1568	1.2919	6.2564
K1	11	0600	1800	1764	1.2919	6.2564
K1	11	0600	2000	1960	1.2919	6.2564
K1	11	0700	0400	447	1.2919	7.1311
K1	11	0700	0500	559	1.2919	7.1311
K1	11	0700	0600	670	1.2919	7.1311
K1	11	0700	0700	782	1.2919	7.1311
K1	11	0700	0800	894	1.2919	7.1311
K1	11	0700	0900	1005	1.2919	7.1311

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UK type	Type	Height (mm)	Length (mm)	Heat output at ΔT_{50} (W)	n-coefficient	Km
K1	11	0700	1000	1117	1.2919	7.1311
K1	11	0700	1100	1229	1.2919	7.1311
K1	11	0700	1200	1340	1.2919	7.1311
K1	11	0700	1400	1564	1.2919	7.1311
K1	11	0700	1600	1787	1.2919	7.1311
K1	11	0700	1800	2011	1.2919	7.1311
K1	11	0700	2000	2234	1.2919	7.1311
P+	21	0450	0500	528	1.3339	5.7147
P+	21	0450	0600	633	1.3339	5.7147
P+	21	0450	0700	739	1.3339	5.7147
P+	21	0450	0800	844	1.3339	5.7147
P+	21	0450	0900	950	1.3339	5.7147
P+	21	0450	1000	1055	1.3339	5.7147
P+	21	0450	1100	1161	1.3339	5.7147
P+	21	0450	1200	1266	1.3339	5.7147
P+	21	0450	1400	1477	1.3339	5.7147
P+	21	0450	1600	1688	1.3339	5.7147
P+	21	0450	1800	1899	1.3339	5.7147
P+	21	0450	2000	2110	1.3339	5.7147
P+	21	0600	0400	538	1.3381	7.1669
P+	21	0600	0500	673	1.3381	7.1669
P+	21	0600	0600	807	1.3381	7.1669
P+	21	0600	0700	942	1.3381	7.1669
P+	21	0600	0800	1076	1.3381	7.1669

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UK type	Type	Height (mm)	Length (mm)	Heat output at ΔT_{50} (W)	n-coefficient	Km
P+	21	0600	0900	1211	1.3381	7.1669
P+	21	0600	1000	1345	1.3381	7.1669
P+	21	0600	1100	1480	1.3381	7.1669
P+	21	0600	1200	1614	1.3381	7.1669
P+	21	0600	1400	1883	1.3381	7.1669
P+	21	0600	1600	2152	1.3381	7.1669
P+	21	0600	1800	2421	1.3381	7.1669
P+	21	0600	2000	2690	1.3381	7.1669
P+	21	0700	0400	612	1.3381	8.1527
P+	21	0700	0500	765	1.3381	8.1527
P+	21	0700	0600	918	1.3381	8.1527
P+	21	0700	0700	1071	1.3381	8.1527
P+	21	0700	0800	1224	1.3381	8.1527
P+	21	0700	0900	1377	1.3381	8.1527
P+	21	0700	1000	1530	1.3381	8.1527
P+	21	0700	1100	1683	1.3381	8.1527
P+	21	0700	1200	1836	1.3381	8.1527
P+	21	0700	1400	2142	1.3381	8.1527
K2	22	0300	0500	491	1.3264	5.4777
K2	22	0300	1000	982	1.3264	5.4777
K2	22	0300	1500	1473	1.3264	5.4777
K2	22	0300	2000	1964	1.3264	5.4777
K2	22	0450	0400	548	1.3305	7.5259
K2	22	0450	0500	686	1.3305	7.5259

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UK type	Type	Height (mm)	Length (mm)	Heat output at $\Delta T50$ (W)	n-coefficient	Km
K2	22	0450	0600	823	1.3305	7.5259
K2	22	0450	0700	960	1.3305	7.5259
K2	22	0450	0800	1097	1.3305	7.5259
K2	22	0450	0900	1234	1.3305	7.5259
K2	22	0450	1000	1371	1.3305	7.5259
K2	22	0450	1100	1508	1.3305	7.5259
K2	22	0450	1200	1645	1.3305	7.5259
K2	22	0450	1400	1919	1.3305	7.5259
K2	22	0450	1600	2194	1.3305	7.5259
K2	22	0450	1800	2468	1.3305	7.5259
K2	22	0450	2000	2742	1.3305	7.5259
K2	22	0500	0500	747	1.3319	8.1563
K2	22	0500	0600	896	1.3319	8.1563
K2	22	0500	0700	1046	1.3319	8.1563
K2	22	0500	0800	1195	1.3319	8.1563
K2	22	0500	0900	1345	1.3319	8.1563
K2	22	0500	1000	1494	1.3319	8.1563
K2	22	0500	1100	1643	1.3319	8.1563
K2	22	0500	1200	1793	1.3319	8.1563
K2	22	0500	1400	2092	1.3319	8.1563
K2	22	0500	1600	2390	1.3319	8.1563
K2	22	0500	1800	2689	1.3319	8.1563
K2	22	0500	2000	2988	1.3319	8.1563
K2	22	0600	0400	693	1.3346	9.3563

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UK type	Type	Height (mm)	Length (mm)	Heat output at ΔT_{50} (W)	n-coefficient	Km
K2	22	0600	0500	866	1.3346	9.3563
K2	22	0600	0600	1039	1.3346	9.3563
K2	22	0600	0700	1212	1.3346	9.3563
K2	22	0600	0800	1386	1.3346	9.3563
K2	22	0600	0900	1559	1.3346	9.3563
K2	22	0600	1000	1732	1.3346	9.3563
K2	22	0600	1100	1905	1.3346	9.3563
K2	22	0600	1200	2078	1.3346	9.3563
K2	22	0600	1400	2425	1.3346	9.3563
K2	22	0600	1600	2771	1.3346	9.3563
K2	22	0600	1800	3118	1.3346	9.3563
K2	22	0600	2000	3464	1.3346	9.3563
K2	22	0700	0400	784	1.3385	10.4329
K2	22	0700	0500	981	1.3385	10.4329
K2	22	0700	0600	1177	1.3385	10.4329
K2	22	0700	0700	1373	1.3385	10.4329
K2	22	0700	0800	1569	1.3385	10.4329
K2	22	0700	0900	1765	1.3385	10.4329
K2	22	0700	1000	1961	1.3385	10.4329
K2	22	0700	1100	2157	1.3385	10.4329
K2	22	0700	1200	2353	1.3385	10.4329
K2	22	0700	1400	2745	1.3385	10.4329
K2	22	0700	1600	3138	1.3385	10.4329
K2	22	0700	1800	3530	1.3385	10.4329

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UK type	Type	Height (mm)	Length (mm)	Heat output at ΔT_{50} (W)	n-coefficient	Km
K2	22	0700	2000	3922	1.3385	10.4329
K2	22	0600	0600	1039	1.3346	9.3563
K2	22	0600	0700	1212	1.3346	9.3563
K2	22	0600	0800	1386	1.3346	9.3563
K2	22	0600	0900	1559	1.3346	9.3563
K2	22	0600	1000	1732	1.3346	9.3563
K2	22	0600	1100	1905	1.3346	9.3563
K2	22	0600	1200	2078	1.3346	9.3563
K2	22	0600	1400	2425	1.3346	9.3563
K2	22	0600	1600	2771	1.3346	9.3563
K2	22	0600	1800	3118	1.3346	9.3563
K2	22	0600	2000	3464	1.3346	9.3563
K2	22	0700	0400	784	1.3385	10.4329
K2	22	0700	0500	981	1.3385	10.4329
K2	22	0700	0600	1177	1.3385	10.4329
K2	22	0700	0700	1373	1.3385	10.4329
K2	22	0700	0800	1569	1.3385	10.4329
K2	22	0700	0900	1765	1.3385	10.4329
K2	22	0700	1000	1961	1.3385	10.4329
K2	22	0700	1100	2157	1.3385	10.4329
K2	22	0700	1200	2353	1.3385	10.4329
K2	22	0700	1400	2745	1.3385	10.4329
K2	22	0700	1600	3138	1.3385	10.4329
K2	22	0700	1800	3530	1.3385	10.4329