

Declaration of performance
No. DoP-ISG2014

1. Unique identification code of the product-type:

Group code: **N/A**
Product name: **Column (all types)**

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:

DE 261 938 210
WSP Lab
Kapuzinerweg 7
D-70374 Stuttgart
Germany

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 442-1:2014
Release of dangerous substances	None	EN 442-1:2014
Pressure tightness	Pass 1000kPa	EN 442-1:2014
Surface temperature	Maximum 95 °C	EN 442-1:2014
Resistance to pressure	Pass 1300kPa	EN 442-1:2014
Rated thermal outputs	See Annex 1	EN 442-1:2014
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 442-1:2014

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:



Andrew Chambers
Quality Manager
Stelrad Radiators



David Taylor.
Operations Director
Stelrad Radiators

Date 21/11/2021

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Annex 1

Type	Height	Width	Depth Column	Watts @ Dt50	n-coefficient	Km
Classic Column	300	444	3	288	1.25	2.200
Classic Column	300	628	3	416	1.25	3.180
Classic Column	300	858	3	576	1.25	4.400
Classic Column	300	1042	3	704	1.25	5.380
Classic Column	300	1272	3	864	1.25	6.600
Classic Column	300	1456	3	992	1.25	7.580
Classic Column	300	1870	3	1280	1.25	9.780
Classic Column	300	444	4	377	1.25	2.840
Classic Column	300	628	4	545	1.25	4.110
Classic Column	300	858	4	754	1.25	5.680
Classic Column	300	1042	4	922	1.25	6.950
Classic Column	300	1272	4	1131	1.25	8.520
Classic Column	500	628	2	499	1.25	3.820
Classic Column	500	858	2	691	1.25	5.300
Classic Column	500	1042	2	845	1.25	6.480
Classic Column	500	1272	2	1037	1.25	7.950
Classic Column	500	444	3	464	1.25	3.430
Classic Column	500	628	3	671	1.25	4.960
Classic Column	500	858	3	929	1.25	6.870
Classic Column	500	1042	3	1135	1.25	8.400
Classic Column	500	1272	3	1393	1.25	10.310
Classic Column	500	1456	3	1600	1.25	11.840
Classic Column	500	1870	3	2064	1.25	15.270
Classic Column	500	444	4	608	1.26	4.380

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Type	Height	Width	Depth Column	Watts @ Dt50	n-coefficient	Km
Classic Column	500	628	4	879	1.26	6.34
Classic Column	500	858	4	1217	1.26	8.77
Classic Column	500	1042	4	1487	1.26	10.72
Classic Column	500	1272	4	1825	1.26	13.16
Classic Column	600	628	2	589	1.25	4.50
Classic Column	600	858	2	815	1.25	6.23
Classic Column	600	1042	2	997	1.25	7.62
Classic Column	600	1272	2	1223	1.25	9.35
Classic Column	600	444	3	548	1.26	3.99
Classic Column	600	628	3	792	1.26	5.77
Classic Column	600	858	3	1096	1.26	7.98
Classic Column	600	1042	3	1340	1.26	9.76
Classic Column	600	1272	3	1644	1.26	11.97
Classic Column	600	1456	3	1888	1.26	13.75
Classic Column	600	1870	3	2436	1.26	17.74
Classic Column	600	444	4	718	1.27	5.06
Classic Column	600	628	4	1037	1.27	7.31
Classic Column	600	858	4	1436	1.27	10.13
Classic Column	600	1042	4	1756	1.27	12.39
Classic Column	600	1272	4	2155	1.27	15.20
Classic Column	750	858	3	1337	1.26	9.51
Classic Column	750	1042	3	1635	1.26	11.62
Classic Column	750	1272	3	2006	1.26	14.26
Classic Column	750	1456	3	2303	1.26	16.37

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Type	Height	Width	Depth Column	Watts @ Dt50	n-coefficient	Km
Classic Column	750	1870	3	2972	1.26	21.13
Classic Column	750	444	4	877	1.27	5.99
Classic Column	750	628	4	1266	1.27	8.64
Classic Column	750	858	4	1753	1.27	11.97
Classic Column	750	1042	4	2143	1.27	14.63
Classic Column	750	1272	4	2630	1.27	17.95
Classic Column	1800	352	2	868	1.31	5.15
Classic Column	1800	444	2	1116	1.31	6.62
Classic Column	2000	352	2	966	1.31	5.77
Classic Column	2000	444	2	1242	1.31	7.42
Classic Column	2500	352	2	1197	1.3	7.27
Classic Column	2500	444	2	1539	1.3	9.35