



Declaration of Performance

No. 202009-1129

Rococo I 560mm

Unique product code:	CI/RC1/560
Type, batch or serial number:	CI/RC1/560
Intended use of the construction product:	In heating systems in buildings
Manufacturer:	Castrads Limited 1 Kenwood Road Stockport SK5 6PH United Kingdom
System of AVCP:	System 3
Harmonized standard:	EN 442-1:2014
Notified body:	BSRIA Limited Old Bracknell Lane West Bracknell Berkshire RG12 7AH United Kingdom
Test report number:	101885/2

Declared performance

Essential characteristics	Performance	Harmonized technical specification
Reaction to fire	A1	EN 442-1:2014
Release of dangerous substances	None	
Pressure tightness	No leakage at 1.3 × maximum operating pressure [kPa]	
Surface temperature	Maximum 120 °C	
Resistance to pressure	No breakage at 1.69 × maximum operating pressure [kPa]	
Resistance to pressure	Maximum operating pressure: 1000 [kPa]	
Rated thermal outputs	See appendix 1	
Thermal output in different operating conditions (characteristic curve)	$\phi = K_m \cdot \Delta T^n$. See appendix for factor K_m and exponent n	
Resistance against corrosion:	No corrosion after 100h humidity	
Resistance against minor impact:	Class 0	

Appendix: Dimensions and thermal outputs

Dimensions: 560mm h, 140mm d for all numbers of sections. See table for length.

SKU	Number of sections	Length, mm	Output, W $\Delta T50$	Output, W $\Delta T30$	Factor, Km	Exponent, n
CI/RC1/560/03	3	255	179	97	1.688	1.1916
CI/RC1/560/04	4	330	238	130	2.251	1.1916
CI/RC1/560/05	5	405	298	162	2.813	1.1916
CI/RC1/560/06	6	480	357	194	3.376	1.1916
CI/RC1/560/07	7	555	417	227	3.939	1.1916
CI/RC1/560/08	8	630	476	259	4.501	1.1916
CI/RC1/560/09	9	705	536	292	5.064	1.1916
CI/RC1/560/10	10	780	595	324	5.627	1.1916
CI/RC1/560/11	11	855	655	356	6.189	1.1916
CI/RC1/560/12	12	930	714	389	6.752	1.1916
CI/RC1/560/13	13	1005	774	421	7.315	1.1916
CI/RC1/560/14	14	1080	833	454	7.877	1.1916
CI/RC1/560/15	15	1155	893	486	8.440	1.1916
CI/RC1/560/16	16	1230	952	518	9.003	1.1916
CI/RC1/560/17	17	1305	1012	551	9.565	1.1916
CI/RC1/560/18	18	1380	1071	583	10.128	1.1916
CI/RC1/560/19	19	1455	1131	616	10.691	1.1916
CI/RC1/560/20	20	1530	1190	648	11.253	1.1916
CI/RC1/560/21	21	1605	1250	680	11.816	1.1916
CI/RC1/560/22	22	1680	1309	713	12.379	1.1916
CI/RC1/560/23	23	1755	1369	745	12.941	1.1916
CI/RC1/560/24	24	1830	1428	778	13.504	1.1916
CI/RC1/560/25	25	1905	1488	810	14.067	1.1916
CI/RC1/560/26	26	1980	1547	842	14.629	1.1916
CI/RC1/560/27	27	2055	1607	875	15.192	1.1916
CI/RC1/560/28	28	2130	1666	907	15.755	1.1916
CI/RC1/560/29	29	2205	1726	940	16.317	1.1916
CI/RC1/560/30	30	2280	1785	972	16.880	1.1916
CI/RC1/560/31	31	2355	1845	1004	17.443	1.1916
CI/RC1/560/32	32	2430	1904	1037	18.005	1.1916
CI/RC1/560/33	33	2505	1964	1069	18.568	1.1916
CI/RC1/560/34	34	2580	2023	1102	19.131	1.1916
CI/RC1/560/35	35	2655	2083	1134	19.693	1.1916
CI/RC1/560/36	36	2730	2142	1166	20.256	1.1916
CI/RC1/560/37	37	2805	2202	1199	20.819	1.1916
CI/RC1/560/38	38	2880	2261	1231	21.381	1.1916
CI/RC1/560/39	39	2955	2321	1264	21.944	1.1916
CI/RC1/560/40	40	3030	2380	1296	22.507	1.1916

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