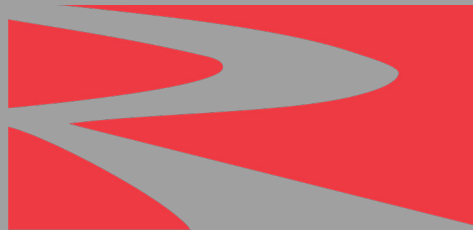


Power
Generation
&
Incineration



RESCO
PRODUCTS (UK) Ltd.

Product Recommendations

Municipal Waste / Refuse Boiler

ProGun

Quikturn

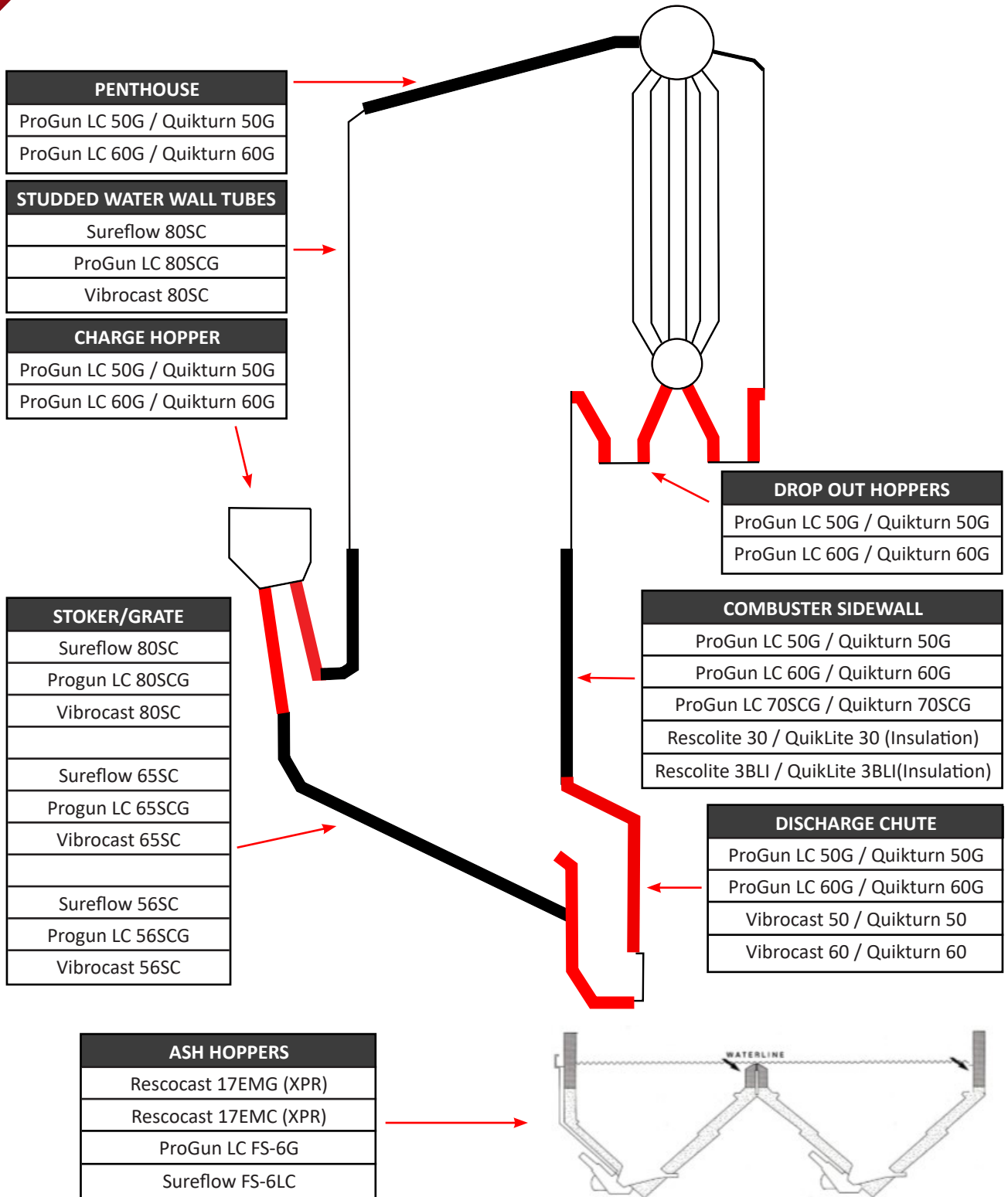
Vibrocast

Sureflow

Rescocast

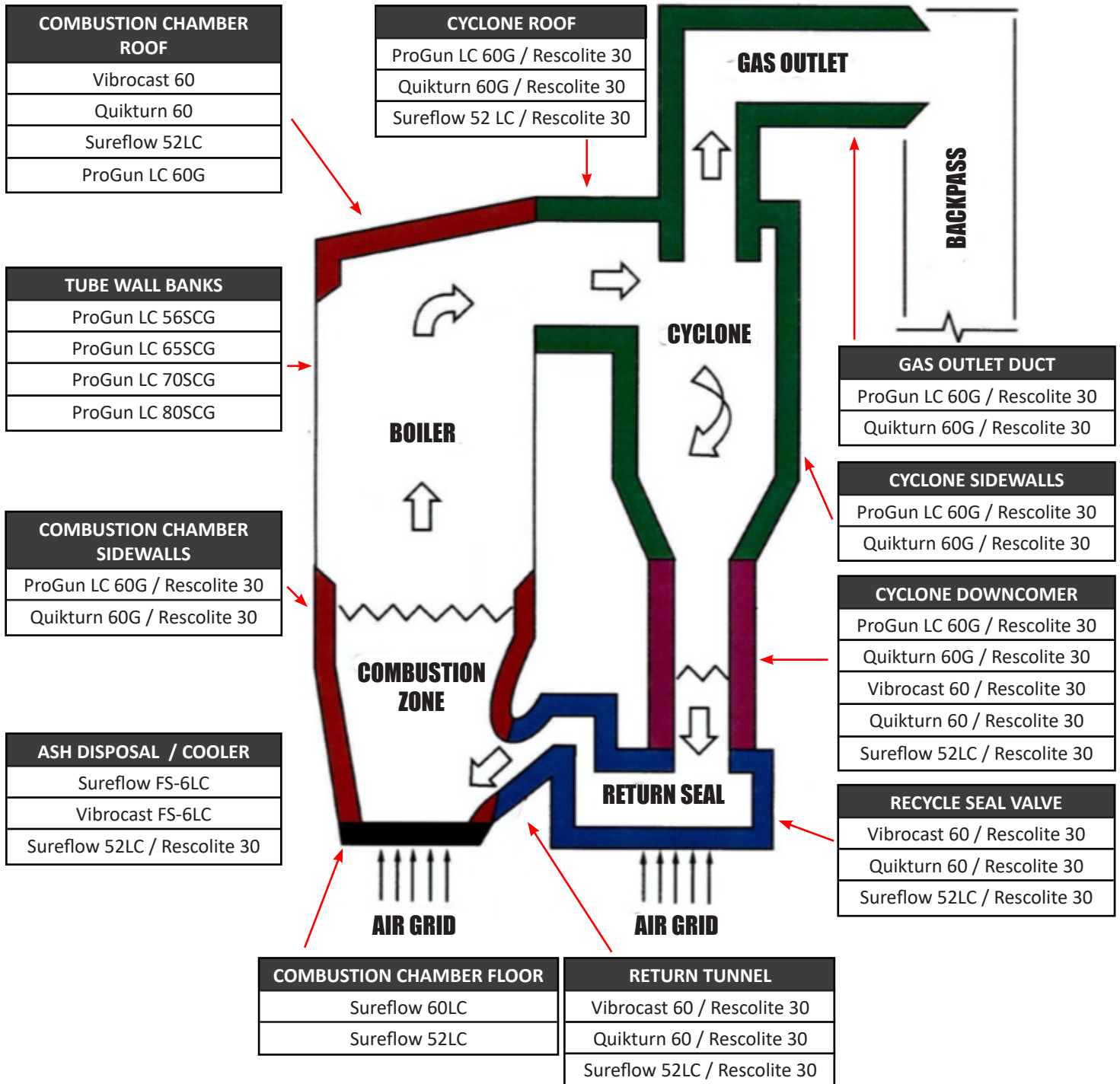
Rescolite

QuikLite



Product Recommendations

Fluidized Bed Boiler



Power Generation & Incineration

Product Recommendations

Product Name	Product Type	Max Service Temp °C	815°C Reheat Properties*				Chemistry				Thermal Conductivity @540°C W/mK
			Bulk Density	Cold Crush Strength	Erosion Loss (ASTM C704)	Permanent Linear Change	Al ₂ O ₃	SiO ₂	SiC	CaO	
			Kg/m ³	Kg/cm ²	cc	%	%	%	%	%	
50% Alumina											
ProGun LC 50G	Low Cement Gun Grade	1650	2115	>525	<12	-0.10 to -0.30	45.7	49.9		2.0	1.03
Quikturn 50G	Fast Dry Out Gun Grade	1650	2175	>500	<14	0.00 to -0.30	46.0	47.7		1.5	1.03
Vibrocast 50	Low Cement Vibratable	1650	2365	>630	<10	0.00 to -0.40	53.3	42.6		2.0	1.43
Quikturn 50	Fast Dry Out Vibratable	1650	2350	>630	<12	0.00 to -0.30	50.0	45.6		0.8	1.44
Sureflow 52LC	Self Flow Low cement	1650	2425	>800	<8	-0.10 to -0.30	52.0	44.3		1.4	1.26
60% Alumina											
ProGun LC 60G	Low Cement Gun Grade	1700	2410	>525	<12	-0.10 to -0.40	62.4	32.6		1.5	1.37
Quikturn 60G	Fast Dry Out Gun Grade	1700	2160	>380	<12	-0.10 to -0.30	57.5	36.0		1.0	1.44
Vibrocast 60	Low Cement Vibratable	1700	2496	>700	<6	0.00 to -0.40	60.8	34.5		1.6	1.44
Quikturn 60	Fast Dry Out Vibratable	1700	2465	>550	<7	-0.10 to -0.40	59.0	31.1		0.9	1.44
56% Silicon Carbide											
ProGun LC 56SCG	Low Cement Gun Grade	1480	2280	>552	<10	0.00 to -0.40	18.3	22.4	56.2	2.1	4.61
Sureflow 56SC	Self flow Low Cement	1480	2520	>700	<8	0.00 to -0.40	32.0	9.5	56.2	1.6	5.62
Vibrocast 56SC	Low Cement Vibratable	1480	2520	>700	<10	-0.10 to -0.40	18.3	22.4	56.2	1.2	5.62
65% Silicon Carbide											
ProGun LC 65SCG	Low Cement Gun Grade	1500	2280	>560	<10	0.00 to -0.40	14.3	18.4	64.2	2.1	5.50
Sureflow 65SC	Self flow Low Cement	1500	2660	>827	<8	0.00 to -0.30	28.0	5.9	64.2	1.6	6.00
Vibrocast 65SC	Low Cement Vibratable	1500	2660	>827	<6	0.00 to -0.30	28.0	5.9	64.4	1.4	6.00
70% Silicon Carbide											
ProGun LC 70SCG	Low Cement Gun Grade	1500	2280	>560	<10	0.00 to -0.40	12.5	14.5	69.2	2.5	6.00
Quikturn 70SCG	Fast Dry Out Gun Grade	1500	2350	>500	<12	-0.10 to -0.30	15.0	11.9	69.1	1.2	6.00
80% Silicon Carbide											
ProGun LC 80SCG	Low Cement Gun Grade	1540	2330	>560	<10	-0.10 to -0.40	8.7	9.2	79.8	2.0	7.20
Sureflow 80SC	Self Flow Low Cement	1540	2485	>560	<8	0.00 to -0.30	10.8	8.0	79.0	1.2	8.10
Vibrocast 80SC	Low Cement Vibratable	1540	2515	>630	<8	-0.10 to -0.30	9.6	9.0	79.0	1.4	8.10
Cordierite/Fused Silica											
Rescocast 17EMG	High Cement Gun Grade	1370	1775	>210	<20	-0.10 to -0.30	50.4	38.0		6.0	0.71
Rescocast 17EMC	High Cement cast Grade	1370	1775	>350	<20	-0.10 to -0.30	54.4	34.6		5.7	0.71
ProGun LC FS-6G	Low Cement Gun Grade	1095	1920	>560	<15	0.00 to -0.30	21.2	76.4		1.7	0.92
Sureflow FS-6LC	Self flow Low Cement	1095	2180	>552	<14	0.00 to -0.30	28.2	69.5		1.7	0.92
Insulating											
Rescolite 30	Multipurpose Insulator	1095	650	>7		-0.80 to -1.50	32.3	36.3		17.7	0.17
Quiklite 30	Fast Dry Out Insulator	1095	650	>7		-0.80 to -1.50	32.3	36.3		17.7	0.17
Rescolite 3BLI	Multipurpose Insulator	1400	945	>28		-0.40 to -0.80	43.5	37.2		13.8	0.19
Quiklite 3BLI	Fast Dry Out Insulator	1400	945	>28		-0.40 to -0.80	43.5	37.2		13.8	0.19

*Data for Gun Grades and Multipurpose Insulators is based on Gunned specimens

ProGun

Quikturn

Vibrocast

Sureflow

Rescocast

Rescolite

QuikLite