

CASTABLES for STEEL

BLAST FURNACE CASTHOUSE

Products	Chemistry (%)		Density (g/cm ³ /lb/ft ³)	Temperature Limit		Installation Method
	Al ₂ O ₃	SiO ₂		°C	°F	
V-CAST® 133A	60.0	1.5	2.98 / 186	1650	3000	Vibration Cast
V-CAST® 218A	70.5	8.1	2.80 / 175	1705	3100	Vibration Cast
V-CAST® FA2L	74.0	4.0	2.98 / 184	1650	3000	Vibration Cast
V-CAST® 418A	70.9	7.5	2.95 / 184	1705	3100	Vibration Cast
V-CAST® 712A	80.7	4.2	3.21 / 203	1650	3000	Vibration Cast
V-CAST® 717A	77.0	2.5	3.04 / 190	1650	3000	Vibration Cast
V-CAST® 719A	75.0	5.1	3.04 / 190	1650	3000	Vibration Cast
V-CAST® 724A	65.9	6.0	2.96 / 185	1650	3000	Vibration Cast
V-CAST® 729A	68.6	3.0	2.90 / 187	1650	3000	Vibration Cast
V-CAST® 739A	54.5	5.7	2.91 / 182	1650	3000	Vibration Cast

BLAST FURNACE STACK MAINTENANCE

Products	Chemistry (%)		Density (g/cm ³ /lb/ft ³)	Temperature Limit		Installation Method
	Al ₂ O ₃	SiO ₂		°C	°F	
STACKCRETE® G	6.0	19.0	1.63 / 101	1650	3000	Vibration Cast, Pump, Shotcrete
STACKCRETE® 21V	70.5	8.1	2.80 / 175	1705	3100	Vibration Cast
STACKCRETE® 62M	61.7	32.8	2.45 / 153	1705	3100	Vibration Cast, Self-Flow, Pump, Shotcrete
STACKCRETE® 70 ABR	70.5	23.6	2.69 / 168 (Vibration Cast) 2.50 / 164 (Shotcrete)	1700	3100	Vibration Cast, Self-Flow, Pump, Shotcrete
STACKCRETE® 608	59.3	28.3	2.60 / 162	1650	3000	Vibration Cast, Self-Flow, Pump, Shotcrete



INSULMIX®

Product	Chemistry (%)		Density		Temperature Limit		Installation Method
	Al ₂ O ₃	SiO ₂	g/cm ³	lb/ft ³	°C	°F	
INSULMIX® 1630	15.5	46.0	0.46-0.54	29-34	982	1800	Cast, Gun
INSULMIX® 2025	15.4	38.3	0.32-0.48	20-30	1090	2000	Cast, Gun
INSULMIX® 2035 LI	37.9	42.3	0.60	36	1100	2000	Cast, Gun
INSULMIX® 2250	30.2	50.4	0.80-0.86	50-54	1205	2200	Cast, Gun
INSULMIX® 2350	38.2	39.9	0.80	50	1260	2300	Cast, Gun
INSULMIX® 2450	40.5	40.9	0.80-0.88	50-55	1315	2400	Cast, Gun
INSULMIX® 2460 LI	43.8	36.0	1.0	62	1315	2400	Cast, Gun
INSULMIX® 2570	41.3	42.1	1.09-1.15	68-72	1370	2500	Cast, Gun
INSULMIX® 2675	45.7	40.2	1.19-1.25	74-78	1427	2600	Cast
INSULMIX® 2680	48.3	39.3	1.15-1.25	72-78	1430	2600	Cast, Gun
INSULMIX® 2690 LI	42.5	46.3	1.44	72-78	1425	2600	Cast, Gun
INSULMIX® 2790	49.0	39.1	1.44-1.51	90-94	1430	2600	Cast, Gun
INSULMIX® 2880	49.3	39.2	1.28-1.35	80-84	1538	2800	Cast
INSULMIX® 2890 G	47.6	42.3	1.38-1.44	86-90	1538	2800	Gun
INSULMIX® 3090 G	55.5	34.3	1.38-1.44	86-90	1649	3000	Gun
INSULMIX® 3095	59.6	32.4	1.52	95	1650	3000	Cast
INSULMIX® 33100	94.5	0.4	1.60	100	1815	3300	Cast
INSULMIX® 25 HS	29.0	50.6	1.47	92	1370	2500	Cast
INSULMIX® 26 HS	53.0	40.0	1.76-1.83	110-114	1530	2800	Cast
INSULMIX® 26 HSG	43.9	43.8	1.87-1.94	117-121	1430	2600	Gun
INSULMIX® 28 HS	43.0	49.3	1.79-1.86	112-116	1538	2800	Cast
INSULMIX® 29 HS	48.7	41.9	1.68	105	1590	2900	Cast
INSULMIX® 30 HS	55.0	37.2	1.87-1.94	117-121	1650	3000	Cast
INSULMIX® 32 HS	76.0	16.4	2.05-2.11	128-132	1760	3200	Cast
INSULMIX® 25 AZS	56.0	27.2	1.12-1.19	70-74	1370	2500	Cast
INSULMIX® 30 AZS	56.8	27.1	1.44-1.51	90-94	1649	3000	Cast
INSULMIX® 24 G	42.0	43.5	1.49	93	1315	2400	Gun



PUMPLITE

Product	Chemistry (%)		Density		Temperature Limit		Installation Method
	Al ₂ O ₃	SiO ₂	g/cm ³	lb/ft ³	°C	°F	
PUMPLITE 40	37.2	40.4	0.66	41	1093	2000	Pump, Shotcrete
PUMPLITE 60	40.7	43.3	0.91	57	1315	2400	Pump, Shotcrete
PUMPLITE 60 LI	39.7	47.6	1.02	64	1370	2500	Pump, Shotcrete
PUMPLITE 80	41.6	43.7	1.25	78	1425	2600	Pump, Shotcrete
PUMPLITE 80 LI	42.2	46.7	1.28	80	1425	2600	Pump, Shotcrete
PUMPLITE 90 LI	40.9	50.4	1.60	100	1650	3000	Pump, Shotcrete

PUMPMAX®

Product	Chemistry (%)		Density		Temperature Limit		Installation Method
	Al ₂ O ₃	SiO ₂	g/cm ³	lb/ft ³	°C	°F	
PUMPMAX® 40 LT	49.9	43.1	1.92	120	1426	2600	Pump Cast
PUMPMAX® 50 LT	48.3	45.2	1.52	95	1538	2800	Pump, Shotcrete
PUMPMAX® 60 LT	58.0	35.7	1.89-1.95	118-122	1649	3000	Pump Cast

FASTMAX®

Product	Chemistry (%)		Density		Temperature Limit		Installation Method
	Al ₂ O ₃	SiO ₂	g/cm ³	lb/ft ³	°C	°F	
FASTMAX® 500 LT	35.0	42.0	0.88-0.95	55-59	1205	2200	Cast, Gun
FASTMAX® 600 LT	39.6	40.0	0.93-0.99	58-62	1316	2400	Cast, Gun
FASTMAX® 700 LT	40.0	41.0	1.09-1.15	68-72	1370	2500	Cast, Gun
FASTMAX® 900 LT	49.0	37.0	1.39-1.46	87-91	1480	2700	Cast, Gun

