

GUIDE FOR INSULATING CASTABLES & GUNNING PRODUCTS

INSULMIX®

Product	Chemistry (%)			Density		Temperature Limit		Installation Method
	Al ₂ O ₃	Fe ₂ O ₃	SiO ₂	g/cm ³	lb/ft ³	°C	°F	
INSULMIX® 1630	15.5	1.9	46.0	0.46 to 0.54	29 to 34	980	1600	Cast/Gun
INSULMIX® 2025	15.4	-	38.3	0.32 to 0.48 cast 0.37 to 0.59 gun	20 to 30 cast 23 to 37 gun	1090	2000	Cast/Gun
INSULMIX® 2035 LI	37.9	0.8	42.3	0.60	36	1100	2000	Cast/Gun
INSULMIX® 2250	30.2	<2.0	50.4	0.80 to 0.86 cast/gun	50 to 54 cast/gun	1205	2200	Cast/Gun
INSULMIX® 2350	38.2	3.3	39.9	0.80 cast 1.04 gun	50 cast 65 gun	1260	2300	Cast/Gun
INSULMIX® 2450	40.5	1.3	40.9	0.80 to 0.88 cast 0.88 to 0.96 gun	50 to 55 cast 55 to 60 gun	1315	2400	Cast/Gun
INSULMIX® 2460 LI	43.8	1.1	36	1.0	62	1315	2400	Cast/Gun
INSULMIX® 2570	41.3	1.3	42.1	1.09 to 1.15 cast 1.06 to 1.12 gun	68 to 72 cast 66 to 70 gun	1370	2500	Cast/Gun
INSULMIX® 2675	45.7	2.0	40.2	1.19 to 1.25	74 to 78	1430	2600	Cast
INSULMIX® 2680	48.3	<1.0	39.3	1.15 to 1.25 cast 1.20 to 1.25 gun	72 to 78 cast 75 to 78 gun	1430	2600	Cast/Gun
INSULMIX® 2690 LI	42.5	1.3	46.3	1.44 cast 1.52 gun	90 cast 95 gun	1425	2600	Cast/Gun
INSULMIX® 2790	49	<1.0	39.1	1.44 to 1.51 cast 1.38 to 1.44 gun	90 to 94 cast 86 to 90 gun	1430	2600	Cast/Gun
INSULMIX® 2880	49.3	1.0	39.2	1.28 to 1.35	80 to 84	1540	2800	Cast
INSULMIX® 2890G	47.6	1.0	42.3	1.38 to 1.44	86 to 90	1540	2800	Gun
INSULMIX® 3090	56.0	0.9	36.0	1.31 to 1.38	82 to 86	1650	3000	Cast
INSULMIX® 3090 G	55.5	0.8	34.3	1.38 to 1.44	86 to 90	1650	3000	Gun
INSULMIX® 3095	59.6	0.8	32.4	1.52	95	1650	3000	Cast
INSULMIX® 33100	94.5	0.1	0.4	1.60	100	1815	3300	Cast
INSULMIX® 24 G	42	1.5	43.5	1.49	93	1315	2400	Gun
INSULMIX® 25 HS	29	3.7	50.6	1.47	92	1370	2500	Cast
INSULMIX® 26 HS	53	0.7	40	1.76 to 1.83	110 to 114	1530	2800	Cast
INSULMIX® 26 HSG	43.9	1.6	43.8	1.87 to 1.94	117 to 121	1430	2600	Gun
INSULMIX® 28 HS	43	1.0	49.3	1.79 to 1.86	112 to 116	1540	2800	Cast
INSULMIX® 29 HS	48.7	1.1	41.9	1.68	105	1590	2900	Cast
INSULMIX® 30 HS	55	1.1	37.2	1.87 to 1.94	117 to 121	1650	3000	Cast
INSULMIX® 32 HS	76	-	16.4	2.05 to 2.11	128 to 132	1760	3200	Cast
INSULMIX® 25 AZS	56	0.8	27.2	1.12 to 1.19	70 to 74	1370	2500	Cast
INSULMIX® 30 AZS	56.8	0.85	27.1	1.44 to 1.51	90 to 94	1650	3000	Cast

PUMPLITE

Product	Chemistry (%)			Density		Temperature Limit		Installation Method
	Al ₂ O ₃	Fe ₂ O ₃	SiO ₂	g/cm ³	lb/ft ³	°C	°F	
PUMPLITE 40	37.2	2.0	40.4	0.66 pump 0.77 shot	41 pump 48 shot	1095	2000	Pump/Shotcrete
PUMPLITE 60	40.7	1.1	43.3	0.91 pump 1.14 shot	57 pump 71 shot	1315	2400	Pump/Shotcrete
PUMPLITE 60 LI	39.7	1.1	47.6	1.02 pump 1.19 shot	64 pump 74 shot	1370	2500	Pump/Shotcrete
PUMPLITE 80	41.6	1.5	43.7	1.25 pump 1.36 shot	78 pump 85 shot	1425	2600	Pump/Shotcrete
PUMPLITE 80 LI	42.2	1.1	46.7	1.28 pump 1.49 shot	80 pump 93 shot	1425	2600	Pump/Shotcrete
PUMPLITE 85 LI	50.0	0.9	41.8	1.39 pump 1.61 shot	87 pump 101 shot	1540	2800	Pump/Shotcrete
PUMPLITE 90 LI	40.9	0.8	50.4	1.60 pump 1.91 shot	100 pump 119 shot	1650	3000	Pump/Shotcrete

FASTMAX® LT (FAST DRYOUT CAPABILITIES)

Product	Chemistry (%)			Density		Temperature Limit		Installation Method
	Al ₂ O ₃	Fe ₂ O ₃	SiO ₂	g/cm ³	lb/ft ³	°C	°F	
FASTMAX® 500 LT	35.0	1.6	42.0	0.88 to 0.95	55 to 59	1205	2200	Cast/Gun
FASTMAX® 600 LT	39.6	1.5	40.0	0.93 to 0.99	58 to 62	1315	2400	Cast/Gun
FASTMAX® 700 LT	40.0	1.4	41.0	1.09 to 1.15	68 to 72	1370	2500	Cast/Gun
FASTMAX® 900 LT	49.0	0.8	37.0	1.39 to 1.46	87 to 91	1480	2700	Cast/Gun

BETAMAX® LT

Product	Chemistry (%)			Density		Temperature Limit		Installation Method
	Al ₂ O ₃	Fe ₂ O ₃	SiO ₂	g/cm ³	lb/ft ³	°C	°F	
BETAMAX® 23 LT G	41.3	1.3	43.2	1.23	77	1345	2450	Gun
BETAMAX® 24 LT	42.4	2.9	39.7	1.23	77	1345	2450	Cast
BETAMAX® 24 LT G	41.6	1.4	43.3	1.23	77	1345	2450	Gun
BETAMAX® 2460 LTP	39.1	1.1	42.4	0.91	57	1315	2400	Cast/Pump
BETAMAX® 25 LT	40.3	1.4	42.8	1.36	85	1370	2500	Cast
BETAMAX® 26 LT	52.9	0.7	36.4	1.27	79	1425	2600	Cast
BETAMAX® 28 LT	50	0.8	39.1	1.41 to 1.47	88 to 92	1540	2800	Cast
BETAMAX® 29 LT	49.7	1.2	41.9	1.68	105	1480	2700	Cast

PUMPMAX® LT

Product	Chemistry (%)			Density		Temperature Limit		Installation Method
	Al ₂ O ₃	Fe ₂ O ₃	SiO ₂	g/cm ³	lb/ft ³	°C	°F	
PUMPMAX® 40 LT	49.9	1.1	43.1	1.92	120	1425	2600	Pump, Shotcrete
PUMPMAX® 50 LT	50.0	0.9	45.0	1.87 to 1.94	117 to 121	1540	2800	Pump, Cast, Shotcrete
PUMPMAX® 60 LT	56.0	<1.0	38.0	1.89 to 1.96	118 to 122	1650	3000	Pump, Cast