

CASTABLES for ALUMINUM

LOW CEMENT

Product	Chemical Analysis		Density (g/cm ³ / lb/ft ³)	Temperature Limit (C° / F°)	Installation Method
	Al ₂ O ₃ %	SiO ₂ %			
MATRIFLO 85ACX	84.1	7.5	2.74 / 171	1540 / 2800	Vibration Cast
MATRIFLO AL C	83.5	8.3	2.82 / 176	1540 / 2800	Vibration Cast
MATRIFLO SiC 6	78.9	6.8	2.88 / 180	1500 / 2730	Vibration Cast
MATRIPUMP 72ACX	77.5	14.4	2.68 / 167	1540 / 2800	Pouring, Pumping, Vibration Cast
QUICK CAST® 61ACX	65.3	29.0	2.59 / 162	1540 / 2800	Self-flow, Vibration Cast
MATRIPUMP AR 61	60.8	34.2	2.47 / 154	1650 / 3000	Pumping, Vibration Cast
MATRIPUMP 50	53.7	40.5	2.38 / 148	1650 / 3000	Pouring, Shotcreting, Vibration Cast
MATRIFLO 80 ACX PUMP	77.9	14.2	2.64 / 165	1540 / 2800	Vibration Cast, Pump Cast

CONVENTIONAL CEMENT

Product	Chemical Analysis		Density (g/cm ³ / lb/ft ³)	Temperature Limit (C° / F°)	Installation Method
	Al ₂ O ₃ %	SiO ₂ %			
MATRICAST 2600 AC	43.4	42.7	2.03 / 127	1425 / 2600	Vibration Cast
MATRIFLO 93 AC	84.0	3.4	3.17 / 198	1650 / 3000	Vibration Cast
MATRICAST 3110 C	51.0	41.4	2.50 / 149	1705 / 3100	Vibration Cast

CHEMICALLY BONDED

Product	Chemical Analysis		Density (g/cm ³ / lb/ft ³)	Temperature Limit (C° / F°)	Installation Method
	Al ₂ O ₃ %	SiO ₂ %			
QUICK-FIRE® 65	66.7	24.7	2.48 / 155	1650 / 3000	Vibration Cast
QUICK-FIRE® 88	88.6	3.5	2.84 / 177	1650 / 3000	Vibration Cast
QUICK-FIRE® 90	89.2	2.1	2.90 / 181	1700 / 3100	Vibration Cast
QUICK-FIRE® ONE 86	87.6	3.6	2.55 / 159	1650 / 3000	Vibration Cast



SiC containing LOW CEMENT DENSE < 2.5% CaO

Product	Chemical Analysis		Density (g/cm ³ / lb/ft ³)	Temperature Limit (C° / F°)	Installation Method
	SiC%	Al ₂ O ₃ %			
MATRICAST 82 SiC	76.2	12.2	2.56 / 160	1430 / 2600	Vibration Cast
MATRICAST SiC	19.2	61.3	2.59 / 162	1430 / 2600	Vibration Cast
MATRIPUMP 608 AL	7.4	59.7	2.56 / 160	1430 / 2600	Pouring, Vibration Cast
MATRICAST 60 SiC	57.3	27.7	2.59 / 162	1500 / 2700	Vibration Cast
MATRIFLO SiC 6	6.8	78.9	2.88 / 180	1500 / 2700	Vibration Cast

INSULATING

Product	Chemical Analysis		Density (g/cm ³ / lb/ft ³)	Temperature Limit (C° / F°)	Installation Method
	Al ₂ O ₃ %	SiO ₂ %			
BETAMAX® HS LT	29.0	50.6	1.37 / 85	1290 / 2350	Vibration Cast
BETAMAX® 23 LT G	41.3	43.2	1.70 / 106	1345 / 2450	Gun
BETAMAX® 24 LT	41.0	41.3	1.30 / 81	1315 / 2400	Vibration Cast
BETAMAX® 24 LT G	42.3	43.0	1.23 / 77	1345 / 2450	Gun
BETAMAX® 25 LT	40.3	42.8	1.36 / 85	1370 / 2500	Vibration Cast
BETAMAX® 26 LT	52.9	36.4	1.27 / 79	1425 / 2600	Vibration Cast
BETAMAX® 29 LT	49.5	42.4	1.68 / 105	1595 / 2900	Vibration Cast
BETAMAX® 28 LT	51.6	39.0	1.38 / 86	1540 / 2800	Vibration Cast
BETAMAX® 30 LT	52.6	34.8	1.83-1.89 / 114-118	1650 / 3000	Vibration Cast

