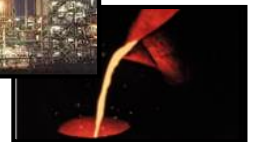




Conventional Castables
Low Cement Castables





Conventional & Low Cement Castables

Conventional	Service Temp. (°F)	Chemistry (%)					Bulk Density (pcf)		Cold Crushing Strength (psi)		PLC (%)
		Al ₂ O ₃	SiO ₂	CaO	Fe ₂ O ₃	TiO ₂	220°F	1500°F	220°F	1500°F	1500°F
XERCON 2200	2200	30 - 34	47 - 51	12.8 - 13.4	1.0 - 1.4	1.5 - 1.9	121 - 130	119 - 127	4000	1000	-0.5 to +0.0
XERCON 45	2500	42 - 46	41 - 45	8.1 - 8.5	0.9 - 1.2	1.5 - 1.9	126 - 134	124 - 131	2500	2500	-0.3 to +0.1
XERCON 45 LI	2800	42 - 46	41 - 45	8.1 - 8.5	0.9 - 1.2	1.5 - 1.9	126 - 134	124 - 131	2500	2500	-0.3 to +0.1
XERCON 60	3000	59 - 63	30 - 33	2.6 - 2.9	0.9 - 1.2	2.1 - 2.5	143 - 148	140 - 145	3000	1000	-0.6 to 0.0
XERCON 95	3200	95.8 - 96.1	0.1	3.9 - 4.4	0.1	Tr	173 - 180	170 - 177	2000	2000	-0.4 to 0.0
XERCON 97	3400	96.5 - 97.0	0.1	2.6 - 2.8	0.1	Tr	173 - 180	170 - 177	2000	2000	-0.4 to 0.0

Low Cement	Service Temp. (°F)	Chemistry (%)					Bulk Density (pcf)		Cold Crushing Strength (psi)		PLC (%)
		Al ₂ O ₃	SiO ₂	CaO	Fe ₂ O ₃	TiO ₂	220°F	1500°F	220°F	1500°F	1500°F
XERCAST 120-AL	2200	39.7	48.7	5.1	2.1	1.1	125 - 130	119 - 124	8000	10000	-0.4 to 0.0
XERCAST 2800	2800	42 - 46	46 - 50	1.4 - 1.7	0.8 - 1.1	1.5 - 1.9	139 - 143	137 - 141	10000	8000	-0.4 to 0.0
XERCAST 2800-AL	2800/2200	41 - 45	45 - 50	3.0 - 3.4	0.8 - 1.1	1.5 - 1.9	139 - 143	137 - 141	10000	8000	-0.4 to 0.0
XERCAST 2800 C	2800	42 - 46	46 - 50	1.4 - 1.7	0.8 - 1.1	1.5 - 1.9	139 - 143	137 - 141	10000	8000	-0.4 to 0.0
XERCAST 3000	3000	52.0	41.7	1.8	1.1	2.3	145 - 151	143 - 149	9000	7000	-0.4 to +0.1
XERCAST 3000-AL	3000/2200	45 - 49	43 - 47	2.9 - 3.3	0.8 - 1.1	1.6 - 2.0	145 - 151	143 - 149	9000	7000	-0.4 to +0.1
XERCAST 3100	3100	64 - 68	24 - 28	1.3 - 1.6	0.9 - 1.2	1.6 - 2.0	164 - 168	-----	8000	-----	-----
XERCAST 3200	3200	73 - 77	17 - 20	1.4 - 1.7	0.9 - 1.2	2.4 - 2.8	170 - 175	168 - 173	10000	10000	-0.2 to +0.1
XERCAST 3200-AL	3200/2200	71 - 75	17 - 20	3.0 - 3.4	-----	2.4 - 2.8	170 - 175	168 - 173	10000	10000	-0.2 to +0.1
XERCAST 60-M	3100	59 - 63	31 - 35	1.3 - 1.6	0.8 - 1.1	1.5 - 1.9	155 - 159	154 - 158	8000	7000	-0.4 to 0.0
XERCAST 60-M Plus	3100	60 - 64	30 - 34	1.3 - 1.6	0.8 - 1.1	1.5 - 1.9	155 - 159	154 - 158	8000	7000	-0.4 to 0.0
XERCAST 70-M Plus	3200	66 - 70	25 - 29	1.4 - 1.8	0.7 - 1.1	1.8 - 2.2	159 - 165	157 - 163	8000	9000	-0.4 to 0.0
XERCAST 80	3200+	78 - 82	11 - 14	1.4 - 1.7	1.0 - 1.3	2.7 - 3.1	178 - 183	176 - 181	10000	10000	-0.2 to +0.1
XERCAST 80-AL	3200/2200	77 - 81	11 - 14	3.0 - 3.4	1.0 - 1.3	2.7 - 3.1	178 - 183	176 - 181	10000	10000	-0.2 to +0.1
XERCAST 80 SP	3200+	74 - 78	11 - 14	1.8 - 2.1	1.1 - 1.4	3.0 - 3.4	174 - 179	172 - 177	10000	10000	-0.2 to +0.1
XERCAST 85	3200	83 - 87	8 - 11	0.8 - 1.2	0.8 - 1.2	2.7 - 3.1	181 - 186	178 - 183	9000	14000	-0.3 to +0.1
XERCAST 90	3200	89.3	6.2	1.2	0.9	2.2	175 - 181	173 - 179	3000	5000	-0.3 to +0.1
XERCAST 94	3300	93.5 - 95.0	6.7 - 5.0	1.1 - 1.5	0.1	Tr	186 - 191	185 - 190	8000	8000	-0.4 to 0.0
XERCAST 95 SP	3400	93 - 96	0.1	0.9 - 1.2	0.1 - 0.2	0.1 - 0.3	188 - 193	187 - 192	5000	6000	-0.2 to 0.0
XERCAST 99	3400	99	0.1	0.9 - 1.1	Tr	Tr	188 - 193	187 - 192	5000	6000	-0.2 to 0.0

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