



Conventional Cement Castables
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	
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 2700 EC	2700	41.3	50.8	2.8	1.2	2.3	126-133	124-131	2000	1500	-0.2 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	61.0	32.1	2.8	1.1	2.5	145-149	140-144	3000	5000	-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	
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	39.4	55.0	1.7	1.0	2.0	136-141	135-140	10000	10000	-0.3 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	77.7	16.2	1.8	1.2	2.9	166-172	166-172	10000	10000	-0.3 to +0.0
XERCAST 3200-AL	3200/2200	76.0	18.1	1.8	1.1	2.8	166-172	166-172	10000	10000	-0.3 to +0.0
XERCAST 45 C	2700	48.7	45.9	2.3	0.8	1.7	147-153	145-151	10000	11000	-0.3 to -0.1
XERCAST 45 C-AL	2700/2200	47.3	44.9	2.2	0.8	1.6	147-153	145-151	8000	11000	-0.3 to -0.1
XERCAST 60-M	3100	64.2	30.7	1.6	1.0	2.4	155-160	153-158	9000	10000	-0.3 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	70.0	25.0	1.6	0.8	2.2	159-165	157-163	8000	10000	-0.3 to -0.1
XERCAST 80	3200+	81.5	12.3	1.9	1.2	2.9	174-181	173-178	10000	10000	-0.2 to +0.1
XERCAST 80-AL	3200/2200	79.7	12.2	1.9	1.2	2.9	174-181	173-178	10000	10000	-0.3 to 0.0
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	4.7-5.0	1.1-1.5	0.1	Tr	186-191	185-190	8000	8000	-0.4 to 0.0
XERCAST 95	3300	96.6	2.0	1.2	0.1	-	182-188	180-186	5000	6000	-0.3 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	98.3	0.1	1.2	0.1	0.0	196-201	194-199	10000	8000	-0.2 to 0.0

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