



**THEORETICAL QUANTITY OF BRICK MORTAR REQUIRED  
 BASED ON 1/8" JOINTS EXCEPT AS NOTED  
 \*\*\*NO OVERAGE INCLUDED IN THESE QUANTITIES\*\*\***

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**LBS PER 1000 BRICK OR TILE  
 BED AND SIDE JOINTS**

				RESIN BRICK MORTARS							SILICATE BRICK MORTARS			
				DENSITY	92	96	92	116	97	114	112	130	115	117
				Asplit™ CN Mortar	Furalac™ FN Mortar	Furalac Green Panel Mortar	Pennchem™ Mortar	Armor Vinyl Ester Mortar Carbon	Pennchem Novolac Brick Mortar	Asplit Phenolic Special Mortar	HES™ Cement	HB™ Mortar	Corlok™ B Mortar	K-14™ Mortar
BRICK SIZE			BRICK PER 100 SQ FT											
L	W	T	1/8" JOINT											
8.00	3.75	2.250	457	376	392	376	474	396	465	457	531	469	478	502
8.00	2.25	3.750	746	376	392	376	474	396	465	457	531	469	478	502
3.75	2.25	8.000	1565	376	392	376	474	396	465	457	531	469	478	502
8.00	4.50	3.750	383	552	576	552	695	582	683	671	779	689	701	737
8.00	3.75	4.500	457	552	576	552	695	582	683	671	779	689	701	737
8.00	3.75	1.125	457	288	300	288	363	303	356	350	406	360	366	385
9.00	4.50	1.250	341	382	398	382	481	403	473	465	540	477	486	510
8.00	4.00	1.375	430	323	337	323	407	340	400	393	456	403	410	432
9.00	4.50	2.500	341	494	516	494	623	521	612	602	698	618	628	661
9.00	2.50	4.500	601	494	516	494	623	521	612	602	698	618	628	661
4.50	2.50	9.000	1186	494	516	494	623	521	612	602	698	618	628	661
9.00	4.50	3.000	341	539	563	539	680	568	668	656	762	674	686	721
9.00	3.00	4.500	505	539	563	539	680	568	668	656	762	674	686	721
9.00	4.50	4.500	341	674	703	674	850	710	835	820	952	842	857	901



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**LBS PER 100 SQ. FT  
BED AND SIDE JOINTS**

				RESIN BRICK MORTARS							SILICATE BRICK MORTARS			
				DENSITY	92	96	92	116	97	114	112	130	115	117
				Asplit™ CN Mortar	Furalac™ FN Mortar	Furalac Green Panel Mortar	Pennchem™ Mortar	Armor Vinyl Ester Mortar Carbon	Pennchem Novolac Brick Mortar	Asplit Phenolic Special Mortar	HES™ Cement	HB™ Mortar	Corlok™ B Mortar	K-14™ Mortar
BRICK SIZE			BRICK PER 100 SQ FT											
L	W	T	1/8" JOINT											
8.00	3.75	2.250	457	172	179	172	217	181	213	209	243	215	218	230
8.00	2.25	3.750	746	280	292	280	353	296	347	341	396	350	356	375
3.75	2.25	8.000	1565	588	613	588	741	620	728	715	830	735	747	786
8.00	4.50	3.750	383	211	221	211	266	223	262	257	299	264	269	283
8.00	3.75	4.500	457	252	263	252	318	266	313	307	356	315	321	337
8.00	3.75	1.125	457	132	137	132	166	139	163	160	186	164	167	176
9.00	4.50	1.250	341	130	136	130	164	137	161	159	184	163	166	174
8.00	4.00	1.375	430	139	145	139	175	146	172	169	196	173	176	185
9.00	4.50	2.500	341	169	176	169	213	178	209	205	238	211	214	225
9.00	2.50	4.500	601	297	310	297	375	313	368	362	420	371	378	397
4.50	2.50	9.000	1186	586	612	586	739	618	726	714	828	733	745	784
9.00	4.50	3.000	341	184	192	184	232	194	228	224	260	230	234	246
9.00	3.00	4.500	505	272	284	272	343	287	337	331	385	340	346	364
9.00	4.50	4.500	341	230	240	230	290	242	285	280	325	287	292	307



**THEORETICAL QUANTITY OF MORTAR/GROUT REQUIRED  
BASED ON 1/8 JOINTS EXCEPT AS NOTED**

\*\*\*NO OVERAGE INCLUDED IN THESE QUANTITIES\*\*\*

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**LBS PER 1000 BRICK OR TILE  
SIDE JOINTS ONLY - NO BED JOINTS**

				RESIN BRICK MORTARS 1/8" JOINTS									SILICATE BRICK MORTARS 1/8" JOINT				TILE GROUTS 1/4"	
				DENSITY		92	96	92	116	97	114	112	130	115	117	123	95	104
				Asplit™ CN Mortar	Furalac™ FN Mortar	Furalac Green Panel Mortar	Pennchem™ Mortar	Armor Vinyl Ester Mortar Carbon	Pennchem Novolac Brick Mortar	Asplit Phenolic Special Mortar	HES™ Cement	HB™ Mortar	Corlok™ B Mortar	K-14™ Mortar	Furalac Red Panel Grout	Pennchem Tile Grout		
BRICK SIZE			BRICK PER 100 SQ FT															
L	W	T	1/8" JT	1/4" JT														
8.00	3.75	2.25	457	436	176	184	176	222	186	218	214	249	220	224	235	363	398	
8.00	2.25	3.75	746	698	256	267	256	323	270	317	311	361	320	325	342	528	578	
3.75	2.25	8.00	1565	1440	319	333	319	403	337	396	389	451	399	406	427	660	722	
8.00	4.50	3.75	383	367	312	326	312	393	329	387	380	441	390	397	417	644	705	
8.00	3.75	4.50	457	436	352	367	352	444	371	436	428	497	440	448	470	727	796	
8.00	3.75	1.13	457	436	88	92	88	111	93	109	107	124	110	112	118	182	199	
9.00	4.50	1.25	341	328	112	117	112	142	118	139	137	159	140	143	150	232	254	
8.00	4.00	1.38	430	411	110	115	110	138	116	136	134	155	137	140	147	227	248	
9.00	4.50	2.50	341	328	225	234	225	283	237	278	273	317	281	286	300	464	508	
9.00	2.50	4.50	601	566	344	359	344	434	363	427	419	487	431	438	460	711	779	
4.50	2.50	9.00	1186	1102	419	438	419	529	442	520	510	592	524	533	561	866	948	
9.00	4.50	3.00	341	328	270	281	270	340	284	334	328	381	337	343	360	557	609	
9.00	3.00	4.50	505	479	359	375	359	453	379	445	438	508	449	457	480	742	813	
9.00	4.50	4.50	341	328	404	422	404	510	426	501	492	571	505	514	541	835	914	



**THEORETICAL QUANTITY OF MORTAR/GROUT REQUIRED  
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**LBS PER 100 SF  
SIDE JOINTS ONLY - NO BED JOINT**

			DENSITY		RESIN BRICK MORTARS 1/8" JOINTS							SILICATE MORTARS 1/8" JOINTS				TILE GROUTS 1/4"	
					92	96	92	116	97	114	112	130	115	117	123	95	104
					Asplit™ CN Mortar	Furalac™ FN Mortar	Furalac Green Panel Mortar	Pennchem™ Mortar	Armor Vinyl Ester Mortar Carbon	Pennchem Novolac Brick Mortar	Asplit Phenolic Special Mortar	HES™ Cement	HB™ Mortar	Corlok™ B Mortar	K-14™ Mortar	Furalac Red Panel Grout	Pennchem Tile Grout
BRICK SIZE			BRICK PER 100 SQ FT														
L	W	T	1/8" JT	1/4" JT													
8.00	3.75	2.25	457	436	80	84	80	101	85	100	98	114	101	102	108	159	174
8.00	2.25	3.75	746	698	191	199	191	241	201	237	232	270	239	243	255	369	404
3.75	2.25	8.00	1565	1440	500	522	500	630	527	619	608	706	625	636	668	950	1040
8.00	4.50	3.75	383	367	120	125	120	151	126	148	146	169	149	152	160	237	259
8.00	3.75	4.50	457	436	161	168	161	203	170	199	196	227	201	205	215	317	347
8.00	3.75	1.13	457	436	40	42	40	51	42	50	49	57	50	51	54	79	87
9.00	4.50	1.25	341	328	38	40	38	48	40	47	47	54	48	49	51	76	83
8.00	4.00	1.38	430	411	47	49	47	59	50	58	57	67	59	60	63	93	102
9.00	4.50	2.50	341	328	77	80	77	97	81	95	93	108	96	97	102	152	166
9.00	2.50	4.50	601	566	207	216	207	261	218	257	252	293	259	263	277	403	441
4.50	2.50	9.00	1186	1102	497	519	497	627	524	616	605	703	622	632	665	955	1045
9.00	4.50	3.00	341	328	92	96	92	116	97	114	112	130	115	117	123	182	200
9.00	3.00	4.50	505	479	181	189	181	229	191	225	221	256	227	231	243	356	389
9.00	4.50	4.50	341	328	138	144	138	174	145	171	168	195	172	175	184	274	300