



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

NO OVERAGE INCLUDED IN THESE QUANTITIES

CES-145

01/26 Supersedes 03/14

Page 1 of 4

**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	123										
					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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Page 2 of 4

**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	123
					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
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CES-145

01/26 Supersedes 03/14

Page 3 of 4

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

			DENSITY		RESIN BRICK MORTARS 1/8" JOINTS							SILICATE BRICK MORTARS 1/8" JOINT				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													
8.00	2.25	3.75	746	698													
3.75	2.25	8.00	1565	1440													
8.00	4.50	3.75	383	367													
8.00	3.75	4.50	457	436													
8.00	3.75	1.13	457	436													
9.00	4.50	1.25	341	328													
8.00	4.00	1.38	430	411													
9.00	4.50	2.50	341	328													
9.00	2.50	4.50	601	566													
4.50	2.50	9.00	1186	1102													
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



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01/26 Supersedes 03/14

Page 4 of 4

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													
8.00	2.25	3.75	746	698													
3.75	2.25	8.00	1565	1440													
8.00	4.50	3.75	383	367													
8.00	3.75	4.50	457	436													
8.00	3.75	1.13	457	436													
9.00	4.50	1.25	341	328													
8.00	4.00	1.38	430	411													
9.00	4.50	2.50	341	328													
9.00	2.50	4.50	601	566													
4.50	2.50	9.00	1186	1102													
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