

Lampiran 3. Data Pengujian Kuat Lentur

Jenis Panel : Panel Tanpa Lerak Variasi 1

No	Beban	Pembacaan Lendutan (mm)			
	(kg)	Panel 1	Panel 2	Panel 3	Rata-rata
1	0	0	0	0	0
2	5	0.211	0.000	0.092	0.101
3	10	0.235	0.022	0.195	0.151
4	15	0.301	0.052	0.221	0.191
5	20	0.389	0.102	0.443	0.311
6	25	0.543	0.201	0.632	0.459
7	30	0.775	0.270	0.711	0.585
8	35	0.843	0.323	0.823	0.663
9	40	1.052	0.397	0.936	0.795
10	45	1.221	0.433	1.024	0.893
11	50	1.33	0.555	1.119	1.001
12	55	1.432	0.622	1.249	1.101
13	60	1.614	0.714	1.452	1.260
14	65	1.843	0.821	1.584	1.416
15	70	1.904	0.915	1.696	1.505
16	75	2.022	1.122	1.859	1.668
17	80	2.201	1.201	1.959	1.787
18	85	2.342	1.322	2.188	1.951
19	90	2.474	1.435	2.203	2.037
20	95	2.531	1.543	2.357	2.144
21	100	2.743	1.617	2.421	2.260
22	105	2.874	1.722	2.536	2.377
23	110	3.014	1.823	2.676	2.504
24	115	3.121	1.923	2.834	2.626
25	120	3.294	2.068	2.909	2.757
26	125	3.411	2.132	3.181	2.908
27	130	3.606	2.283	3.202	3.030
28	135	3.721	2.342	3.341	3.135
29	140	3.849	2.498	3.421	3.256
30	145	4.021	2.621	3.598	3.413
31	150	4.128	2.704	3.668	3.500
32	155	4.312	2.831	3.782	3.642
33	160	4.435	2.914	3.934	3.761

Lampiran 3. Data Pengujian Kuat Lentur

No	Beban (kg)	Pembacaan Lendutan (mm)			
		Panel 1	Panel 2	Panel 3	Rata- rata
34	165	4.553	3.082	4.003	3.879
35	170	4.755	3.134	4.171	4.020
36	175	4.823	3.211	4.209	4.081
37	180	5.071	3.335	4.289	4.232
38	185	5.251	3.428	4.399	4.359
39	189		3.543	-	
40	190			4.551	
41	194			4.775	



Lampiran 3. Data Pengujian Kuat Lentur

Jenis Panel : Panel 5760cc Lerak Variasi 1

No	Beban	Pembacaan Lendutan (mm)			
	(kg)	Panel 1	Panel 2	Panel 3	Rata-rata
1	0	0	0	0	0
2	5	0.103	0.013	0.174	0.097
3	10	0.227	0.021	0.354	0.201
4	15	0.339	0.099	0.514	0.317
5	20	0.467	0.307	0.722	0.499
6	25	0.591	0.591	0.869	0.684
7	30	0.734	0.844	1.046	0.875
8	35	0.889	1.097	1.227	1.071
9	40	1.009	1.277	1.394	1.227
10	45	1.135	1.768	1.614	1.506
11	50	1.257	2.368	2.392	2.006
12	55	2.103	2.989	2.641	2.578
13	60	2.269	3.706	3.04	3.005
14	65	2.536	4.018	3.472	3.342
15	70	3.067	4.359	3.992	3.806
16	75	3.598	4.688	4.406	4.231
17	80	4.032	5.162	4.911	4.702
18	85	4.783	5.543	5.501	5.276
19	90	5.249	5.96	5.89	5.700
20	95	6.032	8.316	6.024	6.791
21	100	6.682		6.306	
22	102	7.321		-	
23	105			6.594	
24	110			6.911	
25	114			8.729	

Lampiran 3. Data Pengujian Kuat Lentur

Jenis Panel : Panel 11520cc Lerak Variasi 1

No	Beban	Pembacaan Lendutan (mm)			
	(kg)	Panel 1	Panel 2	Panel 3	Rata-rata
1	0	0	0	0	0
2	5	0.392	0.481	0.321	0.398
3	10	0.937	0.829	0.832	0.866
4	15	1.479	1.249	1.547	1.425
5	20	1.849	1.93	1.947	1.909
6	25	2.083	2.49	2.467	2.347
7	30	2.849	3.95	2.947	3.249
8	35	3.018	4.829	3.527	3.791
9	40	3.829	5.874	4.235	4.646
10	45	4.672	6.294	4.972	5.313
11	50	5.267	6.923	5.626	5.939
12	55	5.928	7.392	6.024	6.448
13	60	6.472	8.193	6.826	7.164
14	65	7.362	8.91	7.363	7.878
15	66	-	9.948	-	
16	69	-		8.462	
17	70	8.719			
18	74	10.384			

Lampiran 3. Data Pengujian Kuat Lentur

Jenis Panel : Panel 17280cc Lerak Variasi 1

No	Beban	Pembacaan Lendutan (mm)			
	(kg)	Panel 1	Panel 2	Panel 3	Rata-rata
1	0	0	0	0	0
2	5	0.562	0.873	0.782	0.739
3	10	1.29	1.627	1.648	1.522
4	15	2.017	2.612	2.347	2.325
5	20	2.89	3.724	3.027	3.214
6	25	3.92	4.929	3.827	4.225
7	30	5.829	5.721	4.628	5.393
8	35	7.632	6.824	5.274	6.577
9	38	-	8.296	-	
10	40	8.729		6.28	
11	43	11.292		-	
12	45			7.623	
13	60			8.721	
14	65			10.272	

Lampiran 3. Data Pengujian Kuat Lentur

Jenis Panel : Panel Tanpa Lerak Variasi 2

No	Beban	Pembacaan Lendutan (mm)			
	(kg)	Panel 1	Panel 2	Panel 3	Rata-rata
1	0	0	0	0	0
2	5	0.132	0.087	0.15	0.123
3	10	0.44	0.320	0.307	0.356
4	15	0.501	0.460	0.438	0.466
5	20	0.545	0.662	0.591	0.599
6	25	0.582	0.867	0.786	0.745
7	30	0.601	1.073	0.915	0.863
8	35	0.682	1.287	1.057	1.009
9	40	0.796	1.459	1.183	1.146
10	45	0.845	1.705	1.336	1.295
11	50	0.943	1.834	1.515	1.431
12	55	1.082	2.034	1.675	1.597
13	60	1.254	2.242	1.826	1.774
14	65	1.367	2.478	2.021	1.955
15	70	1.573	2.642	2.152	2.122
16	75	1.624	2.835	2.324	2.261
17	80	1.73	3.048	2.643	2.474
18	85	1.849	3.134	3.019	2.667
19	90	2.09	3.485	3.894	3.156
20	95	2.249	3.575	4.839	3.554
21	100	2.311	3.784	5.738	3.944
22	104	-	-	7.289	
23	105	2.584	3.978		
24	110	2.642	4.149		
25	115	2.847	4.245		
26	117	-	4.543		
27	120	3.026			
28	125	3.482			
29	130	3.69			
30	135	3.891			
31	140	4.246			
32	145	4.592			
33	150	5.89			

Lampiran 3. Data Pengujian Kuat Lentur

Jenis Panel : Panel 5760cc Lerak Variasi 2

No	Beban	Pembacaan Lendutan (mm)			
	(kg)	Panel 1	Panel 2	Panel 3	Rata-rata
1	0	0	0	0	0
2	5	0.191	0.308	0.124	0.208
3	10	0.289	0.495	0.295	0.360
4	15	0.604	0.973	0.793	0.790
5	20	0.958	1.377	0.928	1.088
6	25	1.339	1.696	1.325	1.453
7	30	1.688	3.432	2.849	2.656
8	35	1.897	4.226	3.902	3.342
9	40	2.206	4.553	4.39	3.716
10	45	3.264	5.164	4.902	4.443
11	50	3.871	5.846	5.249	4.989
12	55	4.589	6.295	5.92	5.601
13	60	5.118	6.946	6.395	6.153
14	65	6.77	7.442	6.939	7.050
15	70	7.689	8.776	7.38	7.948
16	75	8.719	9.276	7.912	8.636
17	80		9.774	8.237	
18	85		11.785	8.93	
19	88			9.383	

Lampiran 3. Data Pengujian Kuat Lentur

Jenis Panel : Panel 11520cc Lerak Variasi 2

No	Beban	Pembacaan Lendutan (mm)			
	(kg)	Panel 1	Panel 2	Panel 3	Rata-rata
1	0	0	0	0	0
2	5	0.489	0.308	0.45	0.416
3	10	0.832	0.789	0.875	0.832
4	15	1.038	0.973	1.037	1.016
5	20	1.647	1.377	2.048	1.691
6	25	2.028	1.696	3.258	2.327
7	30	2.738	3.432	4.582	3.584
8	35	3.028	4.226	5.283	4.179
9	40	3.947	4.627	7.346	5.307
10	45	5.463	5.274	9.278	6.672
11	48	-	-	13.928	
12	50	6.345	6.237		
13	55	7.253	7.482		
14	59	-	10.384		
15	60	8.362			
16	64	11.245			

Lampiran 3. Data Pengujian Kuat Lentur

Jenis Panel : Panel 17280cc Lerak Variasi 2

No	Beban (kg)	Pembacaan Lendutan (mm)			
		Panel 1	Panel 2	Panel 3	Rata- rata
1	0	0	0	0	0
2	5	0.468	0.902	0.863	0.744
3	10	1.028	2.489	1.284	1.600
4	15	2.91	3.784	2.742	3.145
5	20	4.893	6.283	3.289	4.822
6	25	6.789	7.352	4.018	6.053
7	30	9.737	8.461	4.927	7.708
8	35	10.289	9.472	5.738	8.500
9	37	-	12.489	-	
10	40	11.827		6.284	
11	41	-		9.934	
12	44	13.728			