

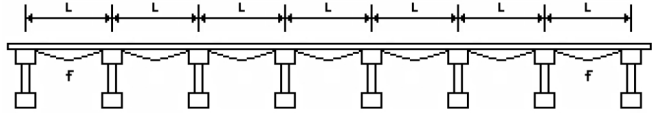


Industrial Madeireira S.A.

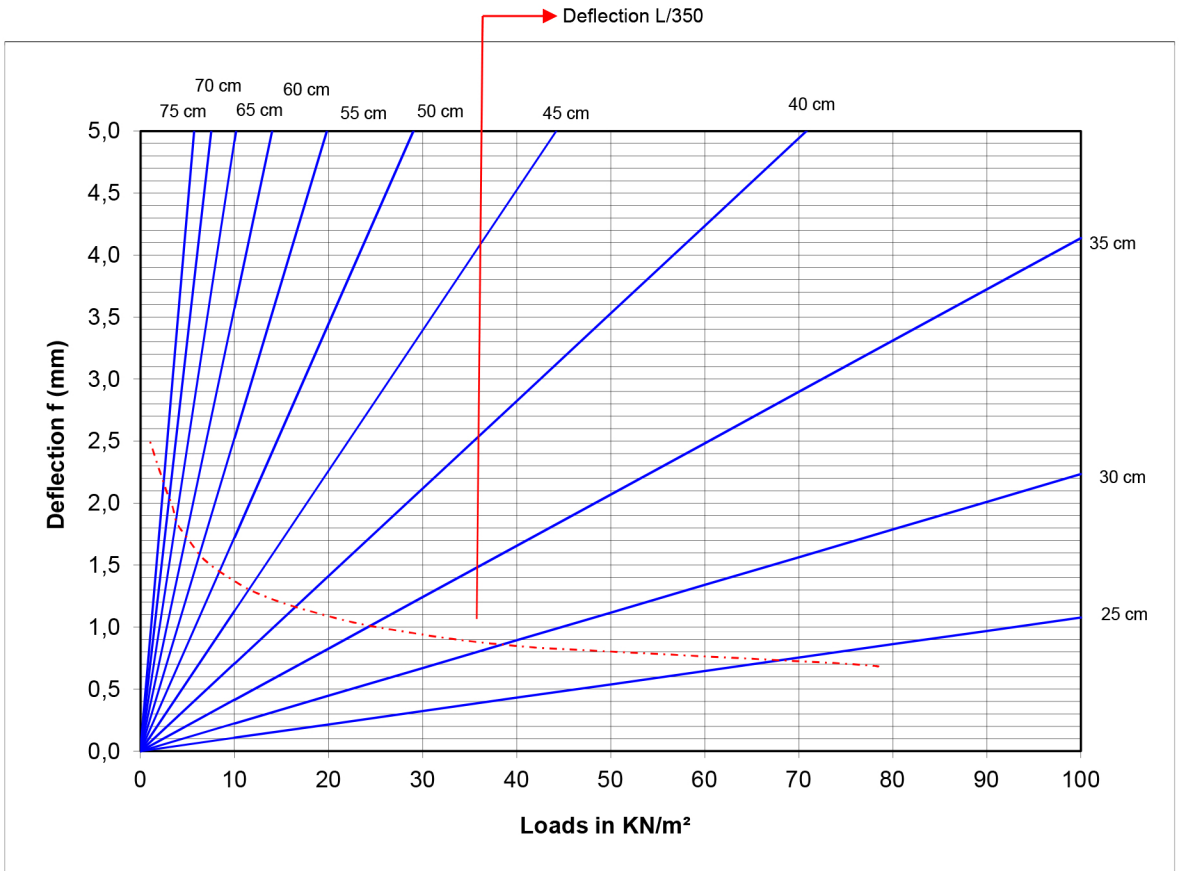
Compensados – Laminados – Madeiras Serradas

Deflection for min. 3 spans - Loads 0 to 100 KN/m²

Relating to TEST REPORT #006/17
 Film Faced Plywood 18 mm 13 Plies Conifer
 MOE = 7200 N/mm²
 $\sigma_{adm} = 8,3 \text{ N/mm}^2$
 $f = L/350$



Loads in KN/m ²	10	20	30	40	50	60	70	80	90	100
Span (L) cm	Deflection (mm)	Deflection (mm)	Deflection (mm)	Deflection (mm)	Deflection (mm)	Deflection (mm)	Deflection (mm)	Deflection (mm)	Deflection (mm)	Deflection (mm)
25	0,11	0,22	0,32	0,43	0,54	0,65	0,75	0,86	0,97	1,08
30	0,22	0,45	0,67	0,89	1,12	1,34	1,56	1,79	2,01	2,23
35	0,41	0,83	1,24	1,66	2,07	2,48	2,90	3,31	3,72	4,14
40	0,71	1,41	2,12	2,82	3,53	4,24	4,94	5,65	6,35	7,06
45	1,13	2,26	3,39	4,52	5,65	6,78	7,92	9,05	10,18	11,31
50	1,72	3,45	5,17	6,89	8,62	10,34	12,06	13,79	15,51	17,23
55	2,52	5,05	7,57	10,09	12,62	15,14	17,66	20,19	22,71	25,23
60	3,57	7,15	10,72	14,29	17,87	21,44	25,02	28,59	32,16	35,74
65	4,92	9,84	14,77	19,69	24,61	29,53	34,46	39,38	44,30	49,22
70	6,62	13,24	19,86	26,48	33,10	39,72	46,34	52,97	59,59	66,21
75	8,72	17,45	26,17	34,90	43,62	52,35	61,07	69,80	78,52	87,25



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