

Appendix D

Kiln Drying Schedule-Rubberwood Species

Table D-1 Kiln drying schedule for rubberwood.

Moisture Content of Rubberwood (%)	Temperature (°C)		Relative Humidity * (%)	Equilibrium Moisture Content* (%)
	Dry Bulb	Wet Bulb		
> 50	70	51	38	5.3
40-49	70	49	37	5.0
30-39	70	47	32	4.5
25-29	75	49	24	3.5
20-24	75	53	36	4.8
15-19	75	58	45	5.5
10-14	80	50	18	2.5

Source: Ruttapoom Parawood Factory, Songkhla.

* Theppaya (1998)

Table D-2 Superheated steam followed by air drying schedule for rubberwood.

Time period	Hours of steam (Temperature)	Hours of hot air (80°C)
1	4(100°C)+3(105°C)	-
2	6(105°C)	1
3	6(110°C)	1
4	4(110°C)	1
5	4(110°C)	1
6	1(110°C)	3
7	1(110°C)	5