

# Red Cedar

## Cedrela Fissilis

### Family

Meliaceae

### Description

Sapwood is whitish or yellowish-pink, clearly demarcated from the heartwood which varies from pale-grey to deep reddish-brown with pronounced stripes and a high golden lustre. Texture moderately coarse. Grain straight or slightly interlocked. Growth rings well demarcated. Characteristic fragrant scent usually present, taste slightly bitter. Soft tissue fairly abundant and found around the pores as well as in lines more or less parallel to the rings. Prominent buttresses often present. Bole is straight, cylindrical and clear lengths above the buttresses may extend 12 to 18 m.

### Characteristics

Timber can be Kiln-Dry satisfactorily. Works easily with both hand and machine tools. Finish may be affected by interlocked grain and occasional gum pockets. In planing, 20 cutting angle will give a good finish. Timber has a good gluing, nail holding and screw holding characteristic. Stains and polishes well. Slices readily. Moisture movement small. Excellent weathering characteristic. Susceptible to termites.

### Uses

Joinery, Furniture, Cabinet work, Veneer, Plywood, Interior trim, Turnery Ship and boat building, Vehicle body, Musical instruments, Draining boards, Food containers, Pattern making.

### Density

510 – 570 Kg /m<sup>3</sup>

Moisture Condition	Modulus of rupture		Modulus of elasticity x 10		Maximum crushing strength		Maximum shear strength	
	MPA	LBF/in	MPA	LBF/in	MPA	LBF/in	MPA	LBF/in
Green	51.7	7500	9.1	1320	25.8	3750	6.54	950
12%	79.2	11500	10.7	1550	46.2	6700	11.7	1700

### Shrinkage

Tangential Green to 12% m.c.*	Radial Green to 12% m.c.*
4.1 – 5.5	2.1 – 3.0

\*Moisture content

### Durability

**(Class 2)** Approximate life in contact with the ground (years), 15 to 20, for conditions significantly different from that represented by ground contact, the life expectancies of the specie would obviously be longer than that indicated in this classification.

**Please Note:** Actual colours of wood may vary from displayed images.