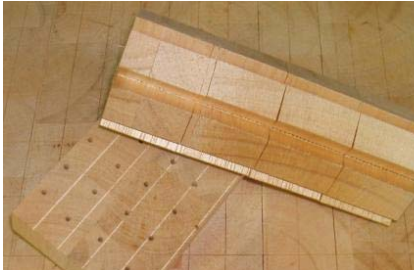




Typical Physical Properties

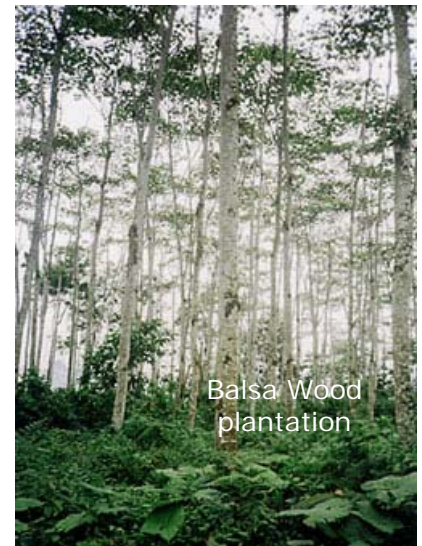


Product: *Duro-Balsa*™ End-grain Balsa Core



Duro-Balsa is an end-grain balsawood core suitable for use in a wide variety of structural sandwich applications. Duro-Balsa is available in plain sheets, grid scored with scrim, grooved, perforated and is also available with or without a surface-sealing coating.

Datasheet End Grain Balsa Core			
Property	Unit	Method ASTM	End-Grain Balsa *Coated or Uncoated*
Density	kg/m3	C271	155
	lb/ft3		9.7
Compression strength	MPa	C365	13
	psi		1885
Compression Modulus	MPa	C365	4107
	psi		595600
Shear strength	MPa	C273	3
	psi		431
Shear modulus	MPa	C273	162
	psi		23500
Tensile strength	MPa	C297	13.3
	psi		1900



Length	mm ± 4		1220
	in		48
Width	mm ± 4		610
	in		24
Thickness	mm ± .5		6.35 - 32
	in		1/4" - 1 1/4"

Other sizes available by special order



Data shown are average test values and are believed to be correct. This information is subject to modification without prior notice. X-Cell makes no express or implied warranty regarding its accuracy or use. As with all core materials, you should conduct your own tests to ascertain if the material is suitable for your specific application. Customer is solely responsible for determining fitness for purpose. X-Cell assumes no liability for improper use of its materials.