

# DATASHEET

## Technical

### STANDARD LENGTHS & GRADES

8', 10', 12', 14', 16'

- All A1 dimensions are actual rough sawn
- A1p is surfaced two sides
- The sizes and grades listed below are available from the Accoya production plant in Tennessee.

Companies processing Accoya can supply a wide range of standard and custom profiles from these rough sawn sizes.

### STANDARD DIMENSIONS & GRADES

Thickness (in)	Widths (in)						Grades
	4"	5"	6"	8"	10"	12"	
7/8	√		√	√			A1p
4/4	√	√	√	√	√	√	A1
5/4	√		√	√			A1
6/4			√	√			A1
8/4	√		√	√	√		A1
10/4			√	√			A1
12/4			√	√			A1

<b>MATERIAL</b>	Solid Accoya wood
<b>DURABILITY</b>	AWPA E7 & E10. Average rating > 9. Accoya is an effective barrier against a broad spectrum of wood-destroying organisms. Rigorous testing in the lab as well as in prone settings like the Southeast US, Australia, Japan and New Zealand confirm this.
<b>EQUILIBRIUM MOISTURE CONTENT</b>	3 – 5 % at 65% relative humidity, 68°F
<b>DENSITY</b>	Average 32 pcf at 65% RH, 68°F, Range 27 to 37 pcf
<b>SHRINKAGE</b>	WET – 65% RH / 68°F*, Radial – 0.4%, Tangential – 0.8% WET – Oven Dry*, Radial – 0.7%, Tangential – 1.5% <i>*Average Values</i>
<b>MATERIAL FIRE RATING</b>	Class C (ASTM E84). Additional requirements apply to siding on buildings in designated Wild Urban Interface (WUI) zones. Accoya siding wall constructions have been tested and demonstrated to meet WUI requirements.
<b>THERMAL CONDUCTIVITY</b>	ASTM C177, $\gamma = 0.102 \text{ W/m-K}$
<b>BENDING STRENGTH</b>	ASTM D143, MOR = 13,144 psi
<b>BENDING STIFFNESS</b>	ASTM D143, MOE = 1,297,492 psi
<b>JANKA HARDNESS</b>	ASTM D143, Side = 922 LBF, End grain = 1484 LBF.
<b>CERTIFICATION &amp; APPROVAL</b>	Forest Stewardship Council (FSC®) Certified Cradle-to-Cradle GOLD Overall

FOR MORE INFORMATION, PLEASE REFER TO ACCOYA WOOD INFORMATION GUIDE ON [www.accoya.com](http://www.accoya.com).

