



KEBONY vs. ACCOYA

Accoya

1. 4/4 x 6" wide, rough sawn Radiata Pine or .625 BF @ \$17.00 per BF = \$8.50 per LF.
Note: Each 4/4 x 6" wide board will produce one piece of siding (soft) decking. Approx. 3/4" x 5 1/2".
2. 2.1 boards @ 5 1/2" wide required to make one sq. ft. siding = \$18.70.
3. Cost to transport and mill and profile 6" material to siding is \$2.00 per LF x 2.1 LF = \$4.20.
4. **2.1 siding boards @ \$18.70 per sq. ft. (rough sawn) plus \$4.20 milling= \$22.90 per sq.ft. Note: See next point for probable life cycle cost of \$41.85 per sq. ft..**
5. Accoya is approx. 850 on the Janka hardness scale (where Kebony is approx. 1700). Think Hemlock vs. Hard Maple. Not abrasion resistant, not suitable for decking.
6. Accoya requires no stain but since its very blond and grain is washed out, staining usually is wanted and as such would be an added cost. Staining and stain maintenance estimated at \$2.00 per Lin. Ft. at start of life and again every 10 years. Accoya's predicted Life cycle of 50 years adds a further \$10.00 per L.F. over the lifetime- that's another \$20 + per sq. ft. or \$41.85 over 50-year lifecycle.
7. Acetylation process yields wood smelling like vinegar, especially soon after installation in rain followed by sunshine.
8. Accoya requires end sealing after cutting, and according to their website can be "prone to surface mould".

Kebony

1. **Kebony Clear Radiata 22 x 146 is \$14.00 per LF x 2 Boards= \$28.00 per sq. ft. over 50 -year lifecycle.**
2. There is no milling or staining or maintenance.
3. It fades to gray.
4. It installs using Camo blind screwing method with 316 stainless steel powder coated blackscrews, or the "step-clip system" which is the fastest install system for decking in the world. Used where non-organic, square and rectangle shaped decks are being contemplated. Note: only stainless steel fasteners may be used with Kebony.
5. Kebony is approximately 1800 on the Janka scale – about three times as hard as Accoya.
6. Kebonization process yields wood with a coffee and or molasses smell.
7. No end treatment is required.

- **Information updated October 2023.**