

The True Cost of Ownership: How Kebony compares with other decking materials

	Clear Cedar	Kebony Radiata	Thermory	Nova Wood	Red Balau	Ipê	Accoya
Material Cost (per linear foot for 22 x 148 mm)	\$8.50	\$14.00	\$11.00	\$11.25	\$8.00	\$11.50	\$10.40
Install Cost (per linear foot)	\$6.00	\$7.00	\$8.00	\$9.00 ²	\$10.00 ³	\$15.00 ⁴	\$7.00 ¹
Amortized Annual Maintenance Cost (per linear foot)	-	-	-	-	\$0.20	-	\$0.20
Expected Lifespan (in exterior horizontal application)	20yr	50-70yr	30yr	30yr	30yr	30yr	50yr
Manufacturers' Warranty	No	30yr ⁵	No	2yr	No	No	50yr ⁶
Third party certified? (PEFC, FSC, SFI)	No	Yes	No	No	Yes	No	Yes
Annual maintenance required?	Helps	No	No	No	Yes	No	Some
Special infrastructure required?	No	Yes ⁷	Yes	Yes	No	No	Yes
Ease of install	No	Predrill ⁹	Predrill	Predrill	Predrill	Predrill ⁴	No
Hardness (Janka test)	350	1640	900	900	1300	3200	850
Appearance	Honey	Dark Brown	Dark Brown	Dark Brown	Mahogany	Purple Brown Red	Blond Pine
Span between joists for foot traffic	16"	24" ⁸	16"	12"	16"	24"	16"
Lengths	5'-16'	10' 12' 14' 16'	5'-14'	6'-14'	8'-16'	4'-24'	6'-16'
Size	3/4" x 5 1/4"	22 x 142 mm	20 x 146 mm	7/8" x 5 1/2"	1" x 5.5"	22 x 142 mm	1" x 6" R.S.
Total Cost of Ownership @30 years (per linear foot)	\$24.00	\$21.00	\$19.00	\$20.25	\$24.00	\$27.30	\$23.40
Total Cost of Ownership @60 years (per linear foot)	\$48.00	\$21.00	\$38.00	\$40.50	\$65.00	\$54.60	\$29.40

Notes

- Accoya is sold unsurfaced. Therefore it must get shipped to a moulding shop, handled and surfaced and shipped to the site.
- Nova Wood is rated at 12" O/C for joists.
- Red Balau must be treated on all 4 faces with a product similar to Ipê oil or Cutek "clear" prior to install. It is also recommended to apply the same product to the top deck face every 1-2 years depending on exposure. Without the oil treatment the wood is prone to having the micro cracks develop into the structural cracks in as few as 1-2 years – climate dependent.
- Ipê harvesting results in the loss of rainforest habitat. It has also resulted in a decline in quality due to over-harvest, second growth and lesser quality logs, resulting in cupped, curved and different density and colour gradation in deck boards, making it slower to install and with higher waste and/or returns. Many Ipê deck boards require the use of a "hardwood wrench" to torque them into position and align with their contiguous mates.
- Kebony warranty is 30 years, exclusive to original purchaser.
- Accoya warranty is exclusive to original purchaser, 50 years above ground, with maintenance.
- Special infrastructure is required as Kebony's long life-cycle will outlast typical PT framing by as much as 40 years. Best infrastructure material is Southern Yellow Pine (SYP) Micronized Copper Azole (MCA) pressure-treated to ground contact standard (UC4.2), which North on Sixty does carry.
- Kebony must be affixed using stainless steel fasteners only, or our Step-Clip system.
- Although Kebony 22x142mm is rated for commercial foot traffic at 24" O/C, we recommend 16" O/C to provide the highest quality "feel" underfoot.
- Predrill only recommended for last 6" of boards.
- Labour prices have been pushed up and unstable since March 2020. Our install cost was based on professional labour pre-pandemic.

Question? Contact us anytime. Call or write Yuill McGregor at 416.996.5434 or yuill@northonsixty.com