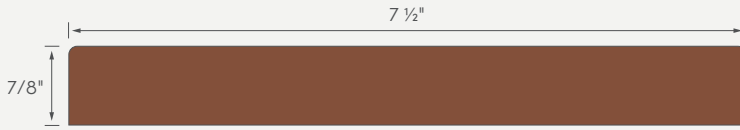


# 5/4x8 Clear Square S4S E2E / #2900



Actual Dimensions: 7/8" x 7 1/2"  
Lengths: 10', 12', 14', 16'

<b>Knots/Pitch Pockets</b>	May be visible and are a natural occurrence in wood	<b>Hardness (Janka)</b>	1618 lb 7.2 kN
<b>Cracks</b>	Surface cracks and checks may be visible	<b>Fire Rating</b>	Class B as per ASTM Designation E84-15a, "Standard Method of Test for Surface Burning Characteristics of Building Materials".
<b>Wane</b>	May occur on the back	<b>Dimensional Stability (Swelling/Shrinkage)</b>	Maximum Swelling (dry to wet, tangential direction): 4%
<b>Moisture Content</b>	4-8% (upon delivery)	<b>NOTE</b>	There may be defects on the back side. These will not affect the technical quality of the product. The board is not reversible.
<b>Cupping</b>	Max. 2% of width		
<b>Density</b>	41.8 lb/ft <sup>3</sup> 670 kg/m <sup>3</sup>		
<b>Crook</b>	10' 12': Max. 10mm (25/64") 14' 16': Max. 13mm (33/64")		

## EXAMPLE OF WEATHERING



## CERTIFICATIONS

FSC® SCS-COC-008513 - [www.fsc.org](http://www.fsc.org)  
EPD: NEPD-407-287-EN - [www.epd-norge.no](http://www.epd-norge.no)  
ICC ESR-3756 - [www.icc-es.org](http://www.icc-es.org)



TABLE 1—KEBONY DECK BOARDS LOADS AND SPANS<sup>3,6</sup>

PRODUCT DESCRIPTION	JOIST SPACING (in.)	ALLOWABLE UNIFORM LOAD <sup>1,4</sup>		ALLOWABLE STAIR TREAD LOAD <sup>2,5</sup> (lb)
		Deck board at 90° to joists (psf)	Deck board at 45° to joists (psf)	
<b>Radiata Pine</b>				
Kebony Clear 1 1/2" x 5 1/2"	16	250	200	300
Kebony Clear 1 1/2" x 5 1/2"	24	200	150	300
Kebony Clear 1 1/2" x 5 1/2"	36	150	- <sup>7</sup>	300

### Footnotes:

- 1 Tabulated deck board loads are for uniform live loads applied to boards spanning continuously over two or more equally spaced joists.
- 2 Tabulated stair tread loads are for treads spanning continuously over two or more equally spaced stringers.
- 3 The spans indicated above take into consideration the loads tabulated in addition to the weight of the deck boards themselves. The weights of the Kebony deck boards are as follows: Kebony Clear 1 1/2" x 5 1/2" 3.9 psf (0.19 kN/m<sup>2</sup>).
- 4 Deflection limit for uniform load = span / 360.
- 5 Deflection limit for uniform load = 1/8" (3.2 mm).
- 6 No increases in tabulated loads allowed.
- 7 Not applicable at 45° to this joist spacing.

SI Units conversion: 1 in. = 25.4 mm; 1 psf = 0.0479 kN/m<sup>2</sup>; 1 lb<sub>f</sub> = 0.004448 kN.

## DISCLAIMER

Kebony products will change in appearance when exposed to rain and sun. Color changes and surface cracks will occur due to natural weathering. Kebony cannot be held liable for any such variations in colour and surface appearance. This will not influence durability and overall performance of the product.

Kebony is continuously working on product development. Information in this datasheet may be changed without further notice.

Up to 5% of the delivered boards may be outside this specification.



Natural wood  
Made to last

## BENEFITS/FEATURES

### **Maintenance**

Kebony is a low maintenance wood that does not require any additional treatment beyond normal cleaning. Removal of dirt, sand and other particles is simply done with a brush and water.

### **High resistance**

Kebony is highly resistant to decay, fungi, insects and other wood-destroying microorganisms. That's why we offer a 30-yr limited warranty against rot for residential use and a 25-yr limited warranty for commercial use. For more details, view US warranty info on [www.kebony.us](http://www.kebony.us)

### **Safe & toxin-free**

Kebony is not toxic to humans or the environment, neither in use nor at the end of its life cycle. That's why Kebony is often selected for applications such as kindergarten as children will have direct contact with the wood. The wood does not splinter and contains no toxins or chemicals.

Waste from Kebony boards can be disposed of and recycled in the same manner as untreated wood. Kebony can be burnt like untreated wood, and will not release any other components than those released when burning untreated wood.

### **Eco-friendly**

Kebony wood has no harmful effects on the environment. Production of Kebony is based on a liquid extracted from bio-waste and our factory produces to the most environmentally friendly standards.

### **Sustainable resources**

The raw materials for Kebony are acquired from commercially managed forests with large timber harvests. All our suppliers hold certificates guaranteeing the origin of their timber.

Many Kebony products are FSC®-certified. The Forest Stewardship Council® (FSC®) works to improve forest management worldwide, and through certification it creates an incentive for forest owners and managers to follow best social and environmental practices. FSC® provides a connection between the forest and the end user, ensuring that products with the FSC® label uphold principles and criteria that adhere to the highest social and environmental benefits and considerations.