



Beauty & Performance in Wood™

English



What is Kebony?

Kebony is a beautiful wood recommended by leading architects.

Kebony is sustainable, durable and requires no maintenance beyond normal cleaning. Kebony's performance has been proven in a variety of applications including decking and cladding.

Developed in Norway, the Kebony® technology is an environmentally friendly, patented process, which enhances the properties of sustainable softwood with a bio-based liquid. The process permanently modifies the wood cell walls giving Kebony premium hardwood characteristics and a rich brown color.

Kebony is available in clear and character grade. After exposure to sun and rain the wood develops a natural silver-grey patina. Performance is maintained, while beauty is enhanced.



Recognized as Technology Pioneer by the World Economic Forum and Global Cleantech 100 listings, Kebony has been embraced by leading international architects and developers, which are served through a global sales and distribution network.

As part of the company's commitment to corporate social responsibility, Kebony has chosen to participate in these global initiatives:



The Kebony® technology



Durability, hardness & maximum movement

Wood species	Durability 1=best EN 350	Hardness Brinell N/mm ² EN 1534	Swelling Dry to wet in tangential direction (%)
Ipe	1	53	6
Kebony Clear	1	41	4
Thermo Ash	1 – 2	30	5
Kebony Character	1 – 2*	20 – 30	6
Bangkirai	2	63	11
Oak	2	33	4 – 6
Thermo Pine	2	16	4
Thermo Spruce	2	16	4
Western Red Cedar	2 – 3	12	5
Siberian Larch	2 – 3	17	7
Douglas Fir	4	20	8
Maple	5	37	9

*) Treated sapwood



TYN Tegnastue, Photo © Pasi Aalto

Appearance

Kebony woods have a deep brown colour that will turn to a silver-grey patina over time. The speed of this greying process depends on the intensity of exposure to sun and rain and type of application.



Kebony Clear products are produced from FSC®-certified Pinus Radiata, they have a clear front surface and are treated through the board. Kebony boards can be further machined as any hardwood.



Kebony Character products are produced from FSC®-certified Pinus Sylvestris and contain knots and untreated heartwood. They should not be further machined or split as untreated heartwood will be exposed. Kebony Character products can be cross-cut to length. Exposed end grain after cross-cutting must be treated with a wood preservative.

Beach pavillion new



The Kebony® technology gives a deep rich brown colour. After exposure to sun and rain the wood develops a natural silver-grey patina. Original colour can be

maintained using UV protection oils. Kebony is a natural wood product for outdoor applications and its appearance will therefore be influenced by local



environmental conditions over time. Colour changes and small surface cracks will occur due to natural weathering. The manufacturer cannot be held liable

for any of such variations in colour and surface appearance. This will not influence durability and overall performance of the product.

Product benefits

Kebony is a highly durable, sustainable wood with the aesthetics and performance of the best tropical hardwoods. It requires minimum maintenance and brings low life cycle costs.



REAL WOOD

Real wood with enhanced cell structure



REFINED & BEAUTIFUL

Develops a natural patina after exposure to sun and rain



LOW MAINTENANCE

No additional treatment needed beyond normal cleaning



MAXIMUM HARDNESS

Hardness levels increased to levels of the best hardwoods



OUTSTANDING STABILITY

Swelling and shrinkage reduced by 40 - 60%



GUARANTEED LONG LIFE

Outdoor life time warranty of 30 years against rot



HIGH RESISTANCE

Against fungi, rot and other wood destroying micro organisms



SAFE & TOXIN-FREE

No toxins or harmful impregnation substances



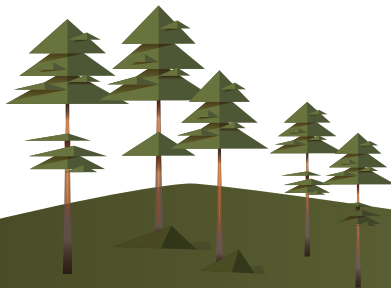
ECO-TECHNOLOGY

Bio-based liquid used in Kebony technology



SUSTAINABLE SOURCES

Sustainably certified woods



Kebony applications



RESIDENTIAL



PUBLIC



COMMERCIAL



LANDSCAPE


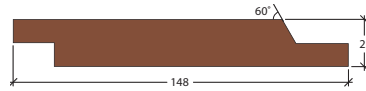

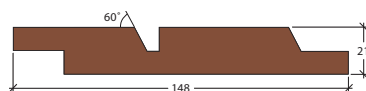

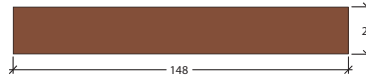


MARINE


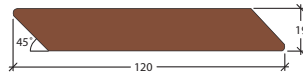

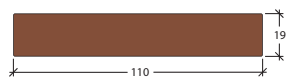


Examples cladding profiles

Kebony Character

 Art. Nr. 2240	<p>Shiplap 60° Kebony Character 21 x 148 mm</p> 
 Art. Nr. 2242	<p>Shiplap 60° with shadow line Kebony Character 21 x 148 mm</p> 
 Art. Nr. 1243	<p>Rectangular Kebony Character 21 x 148 mm</p> 

Kebony Clear

 Art. Nr. 2436	<p>Rhombus Kebony Clear 19 x 120 mm</p> 
 Art. Nr. 2447	<p>Rectangular Kebony Clear 19 x 110 mm</p> 




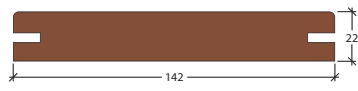

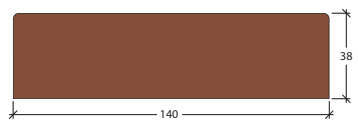
All products – both Clear and Character – are FSC®-certified.

For all products and profiles see:
www.kebony.com/products


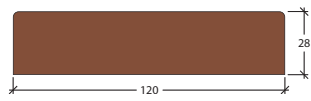

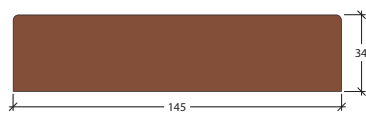


Examples decking profiles

Kebony Clear

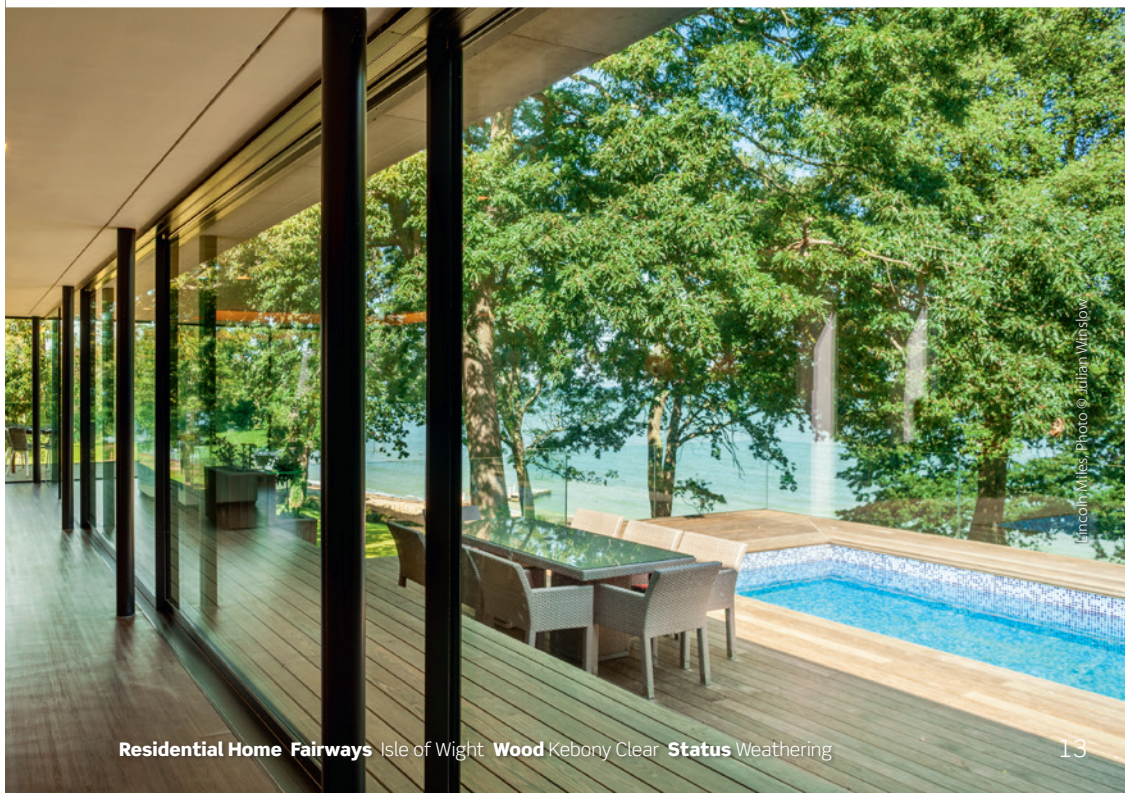
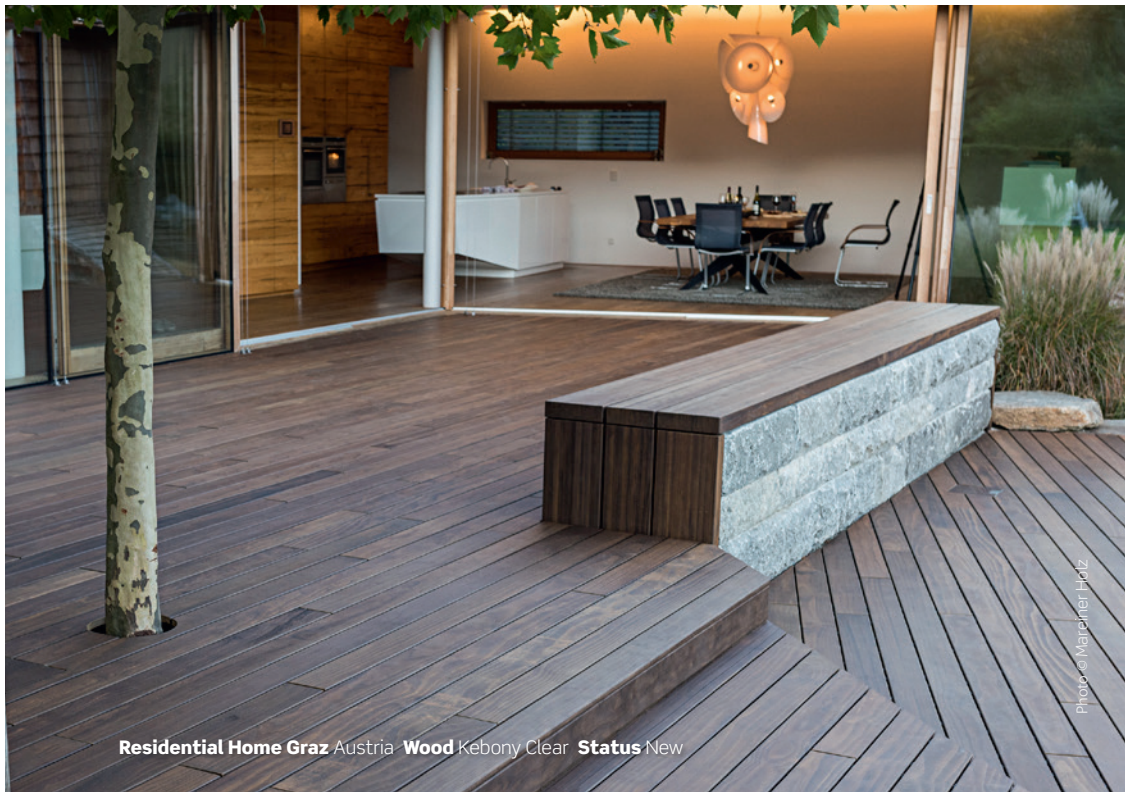
 Art. Nr. 2226	<p>Terrace board Kebony Clear 22 x 142 mm</p> 
 Art. Nr. 2131	<p>Terrace board with side slits Kebony Clear 22 x 142 mm</p> 
 Art. Nr. 2522	<p>Boardwalk Kebony Clear 38 x 140 mm</p> 

Kebony Character

 Art. Nr. 1127	<p>Terrace board Kebony Character 28 x 120 mm</p> 
 Art. Nr. 1171	<p>Pier decking Kebony Character 34 x 145 mm</p> 

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Residential Home Palo Alto California **Wood** Kebony Clear **Status** New



Sørenga Boardwalk Norway **Wood** Kebony Character **Status** Weathered



MARINE

Edgewater Resources, Photo © David Trott

The Inn at Harbour Shores Michigan, USA **Wood** Kebony Clear **Status** Weathering



EDUCATION

LINK Arkitektur, Photo © Jiri Havran

Waldorf School Fredrikstad, Norway **Wood** Kebony Character **Status** Weathering

