

# KoskiLNG



## N096 specially designed for LNG carriers

In the harsh climatic conditions of Finland trees have a short growing season. The growth is slow and the annular rings are narrow. The result is wood that is strong, homogeneous and of a consistently high quality.

Koskisen plywood boards are composed of thin Finnish Birch veneers glued together under pressure with the grain direction of the successive layers alternating at right angles.

Finnish birch is an ideal raw material for demanding speciality plywood applications; it can be used at sustained temperatures as low as  $-200\text{ }^{\circ}\text{C}$ . and can thus be used in the thermal insulation structures of LNG vessels.



EASY  
MACHINING



CORE  
VENEERS  
QUALITY



COLD  
RESISTANT



ECO-  
FRIENDLY

-  High strength properties
-  Good dimensional stability in extremely cold conditions
-  Strong Finnish birch as a raw material
-  Renewable material



**KOSKISEN**



## Technical specifications

<b>Base plywood</b>	Koskisen Finnish birch plywood
<b>Bonding</b>	Phenolic resin according to EN 314-2/ class 3 exterior conditions Formaldehyde emission levels of panels fulfil requirements of Class E1 (EN13986), CARB Phase II, ULEF (Ultra Low Emitting Formaldehyde)
<b>Face qualities</b>	Birch BB, WG
<b>Standard thicknesses</b>	6.5, 9, 12, 15, 21, 24, 30, 35 mm.
<b>Standard sizes</b>	1200/1220/1250 x 2400/2440/2500 mm 1200/1220 x 3000/3300/3600/4000 mm 1500/1525 x 3000/3300/3600/4000 mm Available as readymade cut to size components
<b>Density</b>	Approx. 700 kg/m <sup>3</sup>
<b>Thermal Deformation</b>	Plywood has excellent dimensional stability; in practice, the thermal deformation of plywood is so small, that it can generally be disregarded.
<b>Machining</b>	Drilling of holes edge machining like T&G, chamfer and rebate on request.
<b>Other data</b>	Detailed technical values can be found in Koskisen's Declaration of Performance (DoP). Please visit <a href="http://koskisen.com/download">koskisen.com/download</a> .

## Additional information

### Environment

Our raw material, wood is an ecological and renewable material and it stores carbon during its whole life cycle. Koskisen plywood products are manufactured in Finland according to the strictest sustainability principles. Koskisen is a pioneer in the Finnish forest industry in paying attention to the environment and the wood's supply chain is always known in detail. Finnish forests are primarily privately owned and the owners are guided by a strong commitment to long-term forestry and forest cultivation. Yearly, Finnish forests grow more than they are harvested. This guarantees a sustainable and environmentally sound raw material.

### Additional information

Wood is a living material and every panel is unique. Therefore a photograph or a sample piece cannot represent a full sized panel as regards colours, shades, figure, knots etc. Please note that a slight colour variation is accepted between panels.

The information, although based on extensive testing, is intended as a guideline only and comes without warranty. We reserve the right to amend specifications without notice. Any defects other than those caused by clearly verified production or service faults by the supplier are the responsibility of the user. Any claim for compensation is limited to the value of the defective panels. The Seller makes no guarantee that the goods are fit for a particular purpose, unless it provides a written declaration of their suitability.