

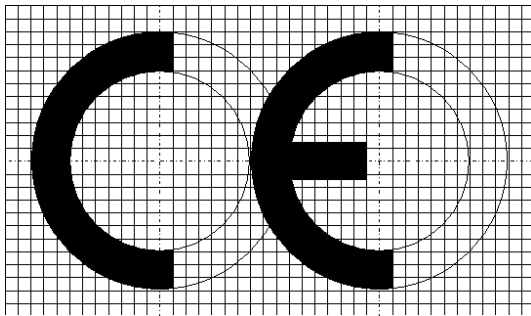
## PRODUCT DECLARATION

Oak engineered wooden flooring

### 1 TECHNICAL PRODUCT DESCRIPTION

Product name	Oak engineered wooden flooring
Total thickness	12, 16 or 21 mm
Wood specie wear layer	European oak ( <i>Quercus petraea</i> )
Thickness wear layer	3, 4 or 6 mm
Base material	birch crosslayer exterior plywood (WBP glued)
Thickness base material	9, 12 or 15 mm
Moisture content	9 +/- 1%
Standard widths	180, 200, 220, 240, 260, 280 and 300mm
Tongue and groove	Tongued and grooved on four sides
Surface	All open defects filled with putty and sanded
Product weight	Appr. 8, 10.5 and 13 kg/m <sup>2</sup>

### 2 CE-CONFORMITY



UAB NEDlit International CE conformity to EN 13489, "Wood flooring – Multi-layer parquet elements"

Dimensional characteristics and limit deviations:

Permitted deviation of width:	±0,2 mm
Lipping* (between elements):	±0,2 mm
Squareness deviation:	≤0,2 mm
Cupping:	≤0,2 mm
Spring:	≤0,2 mm

UAB NEDlit International 10	
EN 14342:2005+A1	
Two-layer, single strip oak parquet flooring with tongue and groove, not pre-finished	
Reaction to fire, linked with: a minimum mean density of: a minimum overall thickness of: a minimum thickness of the oak top layer of at least:	C <sub>fl-s1</sub> 650 kg/m <sup>3</sup> 14 mm 5 mm
Reaction to fire of all other oak engineered flooring	D <sub>fl-s1</sub>
Emission of (release) formaldehyde	E1
Emission of pentachlorophenol	< 5 ppm
Breaking strength	NPD*
Slipperiness	NPD*
Thermal conductivity	0,17 W/mK
Biological durability	Class 1

\*NPD = No performance conducted (yet)

### 3 MATERIALS & PRODUCTION

#### *3a Base material*

The birch crosslayer exterior plywood is produced according to EN 13986 and ISO 9001.

The gluing durability is indicated according to DIN 68705 part 3 BFU 100.

The birch plywood complies to formaldehyde-emission grade E1.

#### *3b The engineered floorboard*

The floorboards are produced according to EN 13489.

The floorboards are cold pressed, using an adhesive, called the EPI-system 1989/1993, provided by Casco Products, Sweden (Akzo Nobel): Adhesive 1989 + Hardener 1993. The adhesive system is 100% formaldehyde-free.

### 4 FINISHING

We use different types of lye and hardwaxoil, yet mainly work with Rubio Monocoat Hardwaxoil.

Rubio Monocoat hardwaxoil is made in Belgium by N.V. Muylle - Facon S.A. out of natural oils and hardwax and is 100% VOC-free.

- Water resistance according NEN-EN 13442
- Resistance to wear according NEN 2072
- Resistance to heat until 100 degrees Celsius

Optionally all our floorboards can be treated with a fire retarding system provided by Rubio Monocoat; the Flamaway system. Nedlit is the only European holder of an **Bfl-s1** grading in engineered oak flooring finished with Rubio Monocoat according to the European fire classes (Euroclasses), which are described in norm EN-13501-1.

We would be happy to send you the technical data sheets of the birch plywood, the EPI-system, the Rubio Monocoat Hardwaxoil and Rubio Monocoat Flamaway System upon request, as well as the European fire rating certificate.

Most of our oak and ash engineered flooring can be purchased FSC®-certified on request.

License code: FSC-C015106

Certificate Registration Code: SW-COC-003761.