

Technical Data Sheet - WOODlife Douglas Engineered Flooring

Technical Product Description

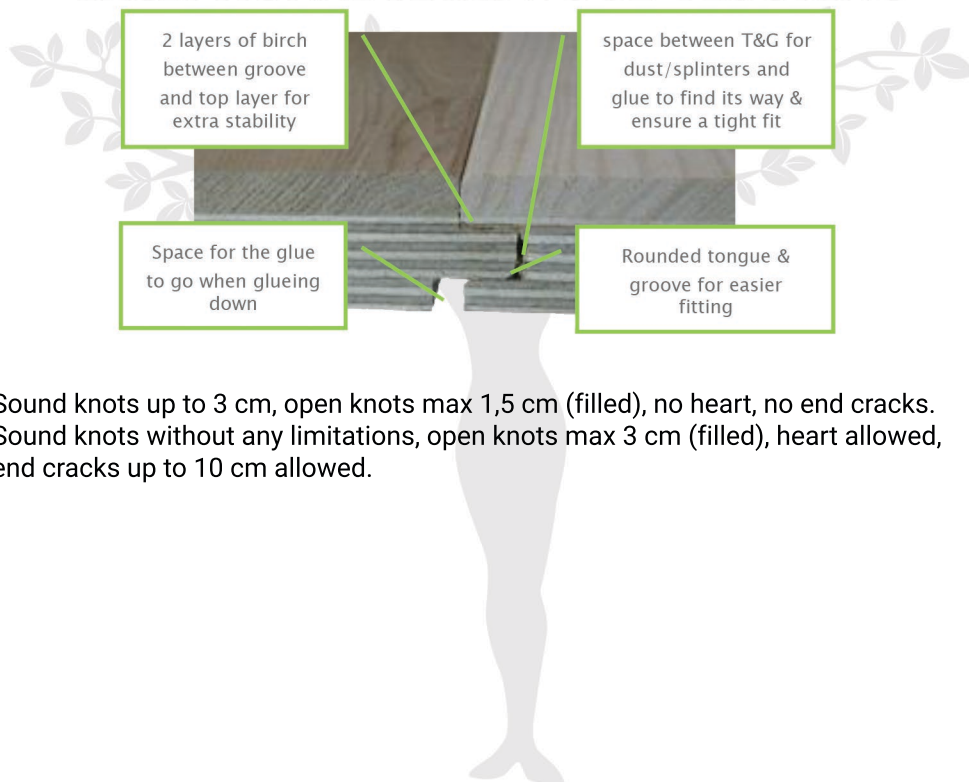
Product name
Total thickness
Wood specie wear layer
Thickness wear layer
Base material
Thickness base material
Moisture content
Standard widths
Standard lengths
Tongue and groove
Surface
Janka hardness
Reaction to fire
Product weight

Douglas engineered flooring
 12, 16 or 21 mm
 Douglas (*Pseudotsuga menziesii*)
 3, 4 or 6 mm
 Russian birch crosslayer exterior plywood (WBP glued)
 9, 12 or 15 mm
 7 - 9 %
 220 and 300 mm
 2000-3000 mm or 3000-4000 mm
 tongued and grooved on four sides
 all open defects filled with white putty and sanded
 2940 N
 Dfl-s1
 app. 8, 10 and 12.5 kg/m²

Grade Description
Select/Nature
Mill run

TERRA MATER

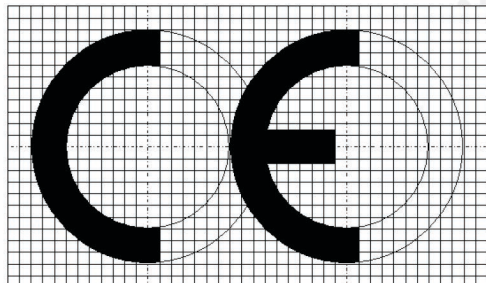
EXCEPTIONAL HARDWOOD FLOORING



Sound knots up to 3 cm, open knots max 1,5 cm (filled), no heart, no end cracks.
 Sound knots without any limitations, open knots max 3 cm (filled), heart allowed,
 end cracks up to 10 cm allowed.

Technical Data Sheet - WOODlife Douglas Engineered Flooring

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 over the width |
| Cupping: | 0,2% over the width |
| Spring: | ≤0,1% of the length |

UAB NEDlit International

10

EN 14342:2005+A1

Two-layer, single strip parquet flooring with tongue and groove, not pre-finished

Reaction to fire, linked with:

Emission of (release) formaldehyde:

Emission of pentachlorophenol:

Breaking strength:

Slipperiness:

Thermal conductivity:

Biological durability:

*NPD = No performance conducted (yet)

Dfl-s1

E1

< 5 ppm

NPD*

NPD*

NPD*

Class 1

Bowing

A certain amount of bowing is common and is to be expected in any wood flooring board. Bowing to a degree, is not considered a defect in any wood component, and does not indicate a faulty product nor does it affect the 'quality' of the finished floor. In general, WOODlife tolerates (both positive and negative) a bow of max 1 cm per running meter of flooring, being the distance between the board and the subfloor. This to be measured in the middle of the board when placed flat on the ground.

Production & Enviroment

A) 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.

B) The Engineered Floorboard

The floorboards are produced according to EN 13489.

The douglas used is harvested from controlled German forests, largely from FSC®- or PEFC-certified forests.

The floorboards are cold pressed, using an adhesive, called an EPI-system, provided by Dynea, Norway: Prefere 6170 with hardener Prefere 6670. The adhesive system is 100% formaldehyde-free.

C) Finishing

The flooring is finished using low-VOC and VOC-free Hardwax oils.

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

D) Green Building

WOODlife's multiplanks are BREAAAM approved. The approval implies that the products have passed tests for all major European regulations on the presence of VOC's and Formaldehyde in wooden flooring.

WOODlife does not waste any wood. Leftovers are used to produce skirting and home decorations. The remainder as well as all our saw dust is used as fuel wood to heat the entire factory including drying kilns.

Our flooring does not contain any solvents, isocyanides, formaldehyde, Creosote, Arsenic or Chrome.

Technical Data Sheet - WOODlife Douglas Engineered Flooring Production & Environment

Of course we can also supply our flooring FSC®-certified.
A copy of our FSC-certificate and our European fire rating certificate can be downloaded on our website.

FSC License code: FSC-C015106
CoC Certificate Registration Code: SW-COC-003761



The mark of
responsible forestry
FSC® C015106

We would be happy to send you the technical data sheets of the birch plywood, the EPI-system, the Flamaway System and the BREAAAM test reports upon request.



Installation & Maintenance

A) Installation

We recommend to take app 5-6% saw waste for regular flooring and 10% for patter flooring into account when calculating the amount needed.

Storage in the room at least 72 hours before installation. Packs are to be kept closed.

During installation, humidity should be between 35% and 65%, temperature between 18° to 24° Celsius.

Installation method: glue down, screw down or floating installation.

Always take local installation standards into account.

Boards up to max 260 mm wide are suitable for under floor heating.

The Hardwax oil on prefinished flooring needs app 2 weeks until it is fully hardened. Do not place any rugs, remove any spilled liquids immediately and only dry clean your floor during this period (liquids may cause stains).

Also see the following documentation:

WOODlife Flooring – installation guidelines.

WOODlife Flooring – underfloor heating.

B) Maintenance & Care

After installation, relative humidity levels in the rooms should be kept between 30% and 70% at all times. Please be aware to place humidifiers/vaporizers during the winter time if needed. Ventilate the spaces on a regular bases. Our floors require regular maintenance; frequency strongly depends on type of use. A rough guideline:

Daily Cleaning

Dry cleaning

Periodic Cleaning

WOODlife Parquet Cleaner

Maintenance at Regular Use

WOODlife Maintenance Oil
1 to 2 times per year

Maintenance at Intensive Use

WOODlife Maintenance Oil
3 to 4 times per year

Also see the following documentation:

WOODlife Flooring – maintenance hardwax oiled floors.

With kind regards,



Stefan Verhagen (WOODlife)
Product Development & Sales



Thomas van Lieshout (WOODlife)
Production, Purchase & People