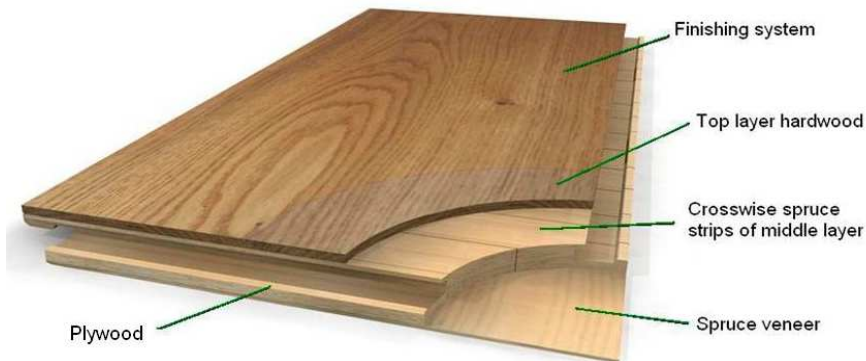


# TECHNICAL SPECIFICATION

**Manufacturer: BALTIC WOOD S.A.**

**PRODUCT DESCRIPTION: Multilayer Parquett Elements – Oak FOUR\_4HIM**



## 1. MATERIAL (Components and specification)

Multilayer parquet elements: top layer – oak, middle layer – crosswise spruce strips, bottom layer – spruce veneer.

**Pattern of surface** 1-row strip (full plank)

**Finishing** **Matt Lacquer**  
 Finished with 7 layers:  
 2 layers of UV filler + 5 layers of UV lacquer  
 Gloss: 9-12°

**Connection: BALTIC LOC®**

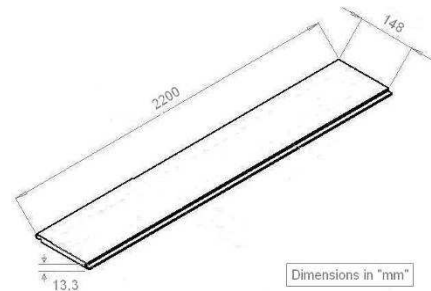
## 2. DIMENSIONS:

Dimensions of ready product:

- length	2200 mm	+/- 1,0 mm
- width	148 mm	+/- 0,2 mm
- thickness	13,3 mm	+/- 0,2 mm
- top layer thickness	2,7 mm	+/- 0,2 mm

<b>Packet:</b>	<b>Pallet:</b>
9 boards = 2,930 m <sup>2</sup>	48 packets = 140,64 m <sup>2</sup>

- Up to 1,5% of the material in delivery can be shorter for 30 mm.
- In a packet allows for 3 boards with joint surface layer.



## 3. Top layer characteristic

<b>Colour:</b>	Oak wood is yellowish brown colour, with clearly marked structure and characteristic for oak sapwood and beige-filled large-sized knots. Brushed pores and knots of top layer makes the natural structure more visible. The oak floor characterizes with large changeability of tints. Natural wood discoloration in time period - slight changing colour under UV (sun light).
<b>Hardness:</b>	Hard wood
<b>Dimension stability:</b>	Oak parquet tolerates well even significant changes of temperature and humidity within room.
<b>Floor heating installation:</b>	YES

### 3.1. Characteristics of grade

#### Classification according to EN 13489: Free class

Knots	healthy, integrated $\leq 80$ mm; unsound (filled with beige putty) $\leq 30$ mm unfilled knots (brushing effect) acceptable up to 3 mm
Sapwood	without limitations
Surface splits, non-penetrating	small allowed
Bark pockets	up to 5 mm width and 150 mm length - acceptable (filled); brushing effect - acceptable
Lightning shake	unacceptable
Slope of grain / curly grain	acceptable
Heart of tree	acceptable
Colour variation	acceptable
Medullary rays	acceptable
Sticker marks	unacceptable
Biodegradation	unacceptable except red heartwood - up to 20% board's surface (dispersed) - max 10% boards in the delivery

According to EN 13489, 3% of the strips in a batch may be from other classes

### 4. Product characteristic

Lipping (between elements) [mm]	$\leq 0,2$
Deviation of rectangularity (on the item width) [mm]	$\leq 0,29$
Crosswise warping (across the item) [mm]	$\leq 0,29$
Spring (along the element) [mm]	$\leq 2,2$
Moisture content [%]	7 +/- 2

#### 4.1. Finishing surface

Slipperiness	USRV 46
Adhesion to wood	SC3
Grindability	130 (Taber method, S-42)

#### 4.2. Physical and chemical properties

Reaction to fire	$D_{fl} - s1$
Emission of formaldehyde	E1
Content of pentachlorophenol	NPD
Thermal conductivity	0,11 W/mK
Biological durability	class 1

### 5. Product marking: CE