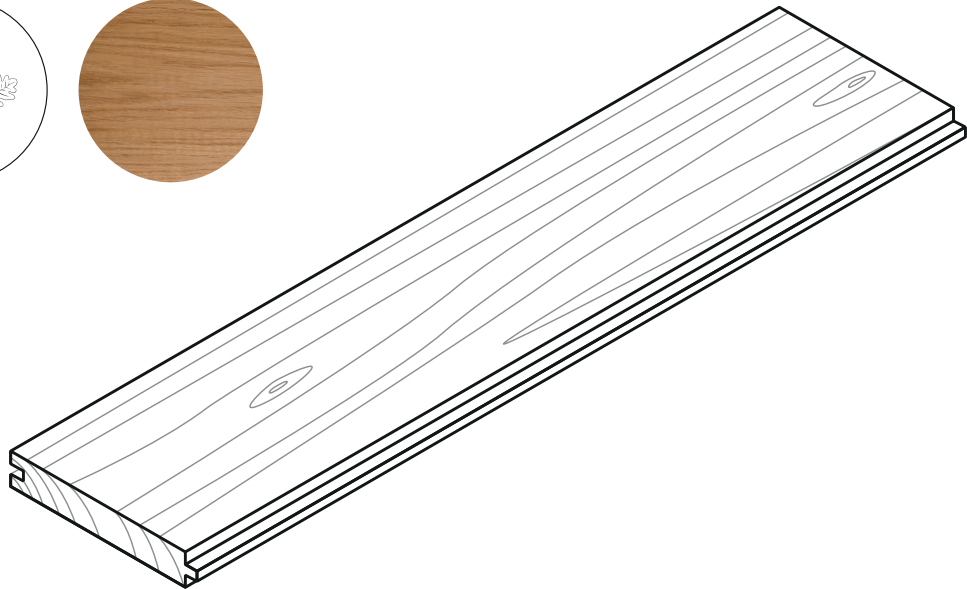




# HIRAM

## Habitat

PRODUCT DATA SHEET  
EUROPEAN OAK  
SOLID BOARDS



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### GENERAL INFORMATION

- 1** 1.1 Origin of our timber  
1.2 The manufacturing process

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### PRODUCT INFORMATION

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# General 1 Information

## ORIGIN OF OUR TIMBER



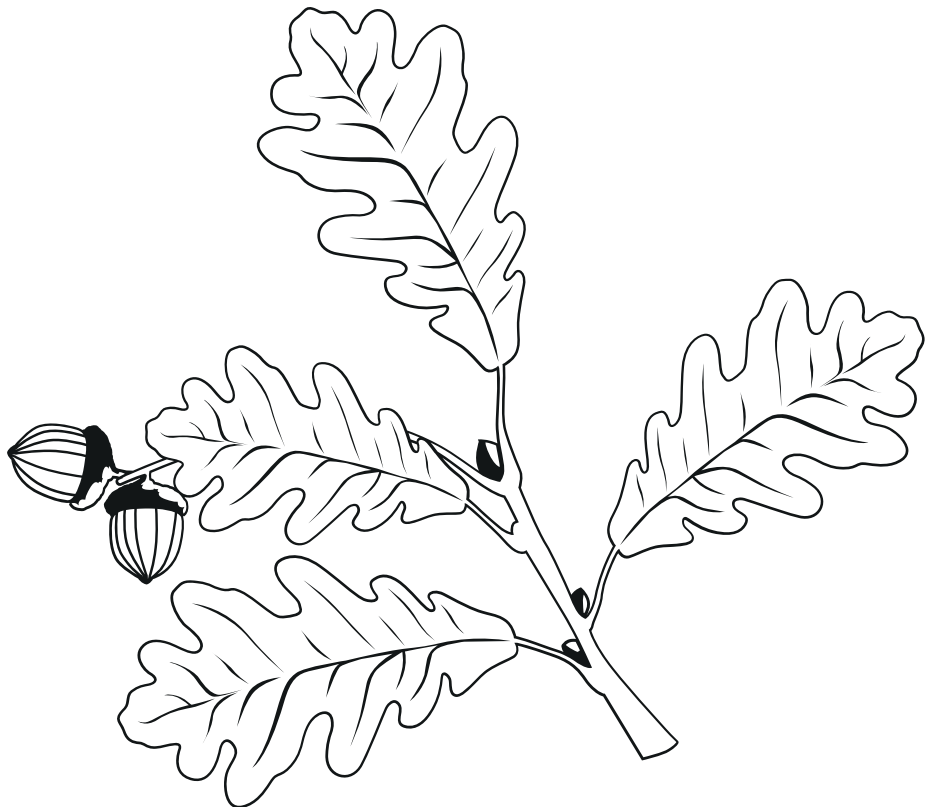
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- 1.1** Our oaks come mainly from the beautiful French forests. They are all grown exclusively in sustainably managed forests. An oak grows 120 to 200 years - until we select and process it.

## THE MANUFACTURING PROCESS

- 1.2** First of all, the wood is cut and air-dried. Each type of wood has its own drying time. The second drying phase takes place in state-of-the-art drying kilns, where the wood is dried down to the required residual moisture.

Well seasoned, the boards reach our production facility to be crafted and processed. They are (pre-) planed and trimmed, defects are rejected, loose knots are glued, they are planed again and cut to final size. Knots and other irregularities are treated with a special filler and the surface is finally sanded.



# 2 Product Information



<b>Thickness x Widths</b>	20 x 140 - 200 mm 28 x 200   250   300 mm
<b>Length options</b>	Room-length boards: 1- 6 m in 50 cm intervals Variable/random lengths: 1-5 m
<b>Grading</b>	URBAN CLASSIC or COUNTRY CLASSIC <i>*view 3.1 Grading descriptions</i>
<b>Profiling</b>	Longsides T&G – floorboards in room lengths  Four sides T&G – variable/random boards  Rear face with relief grooves
<b>Bevel</b>	Optional Longsides with micro-bevel 1.5 mm or straight-edged
<b>Wood moisture content</b>	8- 10%
<b>Knot filler</b>	Colour adapted to wood species
<b>Top layer</b>	Sanded with 80 grit, without treatment
<b>Surface treatment</b>	Optional Brushed or fine-sanded 100, 120 grit + lye, oils, floor soaps oxidatively drying <i>*view 3.2 Surface treatment</i>
<b>Bottom Layer</b>	Planed (Unplaned surfaces may result in hollows or remnants of bark)
<b>Brinell-hardness (N/mm<sup>2</sup>)</b>	34
<b>Fire protection class</b>	accord. to DIN EN 13501-1 → Cfl-s1
<b>Thermal insulation resistance</b>	Thickness 20 mm = 0.13   Thickness 28 mm = 0.16
<b>Formaldehyde emission</b>	0
<b>Density (kg/m<sup>3</sup>)</b>	650
<b>Installation</b>	Full-surface glued or screwed down
<b>Recommended glue</b>	Stauf SPU 570
<b>Underfloor heating</b>	Possible with max. 27°C surface temperature

# 3 Surfaces

## GRADING DESCRIPTIONS



### 3.1

#### COUNTRY CLASSIC

The natural grade has a healthy knot pattern with a higher number of slightly larger knots. Natural colour differences may occur, and knots or irregularities may be filled. The size of the knots depends on the type of wood and dimensions of the planks. In an interior, this grading creates character and a feeling of comfort.



#### URBAN CLASSIC

This assortment contains almost knot-free to small-knot planks. Natural colour differences may occur. The overall room effect is calm and elegant.



## SURFACE TREATMENT

### 3.2

With oak, the decision about its colour scheme is open. Whether sanded or brushed, dark or light, the wood reveals its very own character and creates special room effects. Extra-white oiled oak planks appear modern, timeless and friendly. Dark brown oiled planks look elegant, and soaped oak plank floors too are timelessly beautiful.