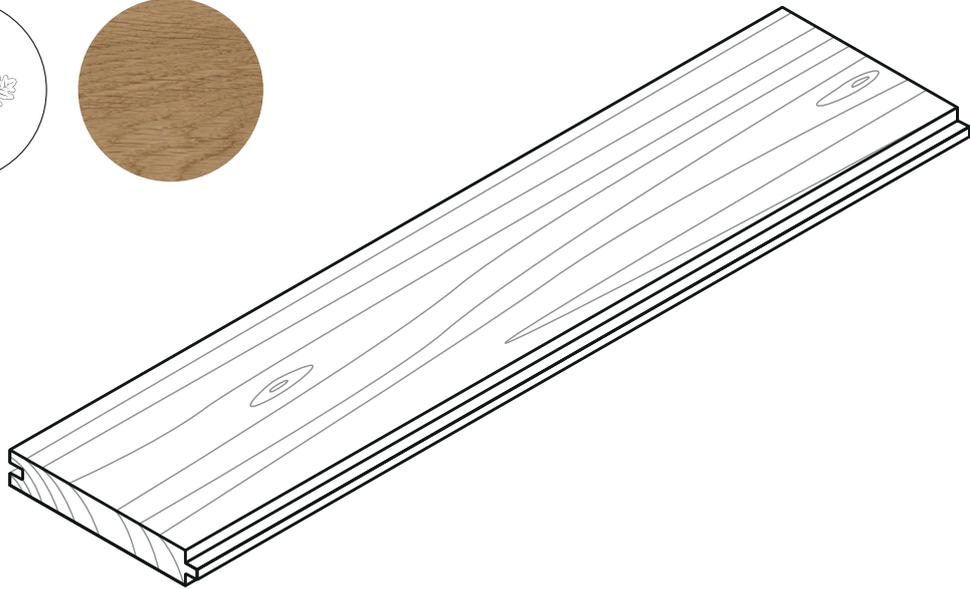
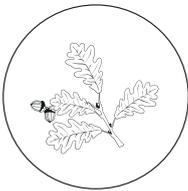




HIRAM

Habitat

PRODUCT DATA SHEET
OAK SOLID BOARDS



GENERAL INFORMATION

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

PRODUCT INFORMATION

2

SURFACES

- 3**
 - 3.1 Grading descriptions
 - 3.2 Surface treatment

General 1 Information



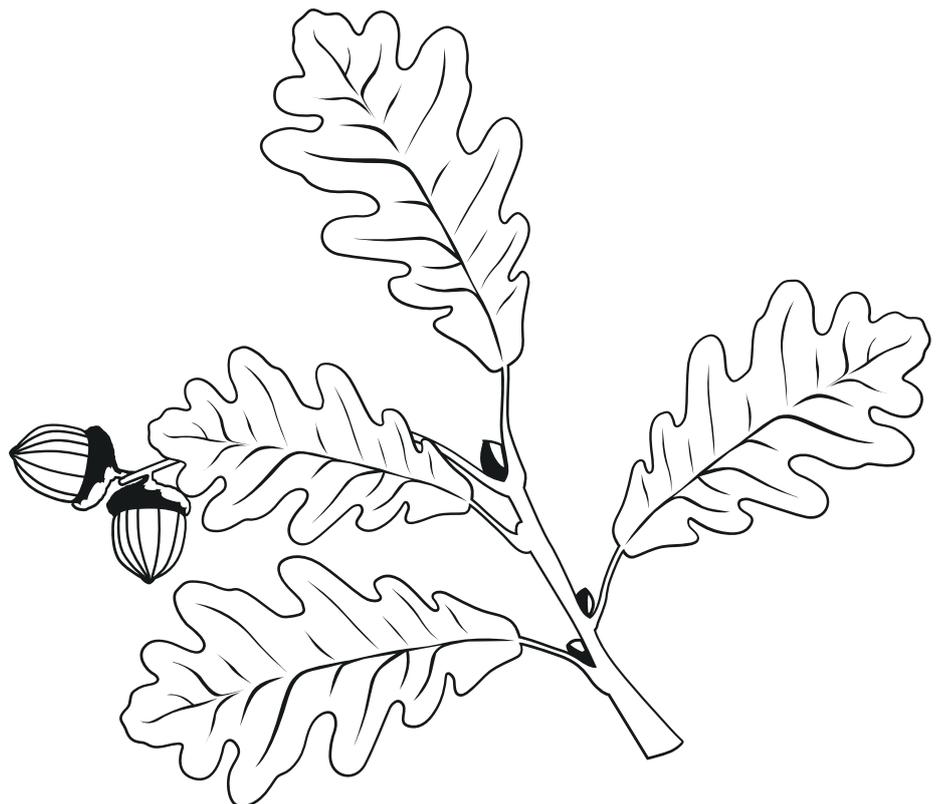
Hiram GmbH offers
PEFC certified
products
PEFC/04-31-0049 www.pefc.co.uk

ORIGIN OF OUR TIMBER

- 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.



Product

2 Information



Thickness x Widths	20 x 140 - 200 mm 28 x 200 250 300 mm
Length options	Room-length boards: 1- 10 m in 50 cm intervals Variable/random lengths: 1-5 m
Grading	URBAN CLASSIC or COUNTRY CLASSIC <i>*view 3.1 Grading descriptions</i>
Profiling	Longsides T&G – floorboards in room lengths Four sides T&G – variable/random boards Rear face with relief grooves
Bevel	Optional Longsides with micro-bevel 1.5 mm or straight-edged
Wood moisture content	8- 10%
Knot filler	Colour adapted to wood species
Top layer	Sanded with 80 grit, without treatment
Surface treatment	Optional Brushed or fine-sanded 100, 120 grit + lye, oils, floor soaps oxidatively drying <i>*view 3.2 Surface treatment</i>
Bottom Layer	Planed (Unplaned surfaces may result in hollows or remnants of bark)
Brinell-hardness (N/mm²)	34
Fire protection class	accord. to DIN EN 13501-1 → Cfl-s1
Thermal insulation resistance	Thickness 20 mm = 0.13 Thickness 28 mm = 0.16
Formaldehyde emission	0
Density (kg/m³)	650
Installation	Full-surface glued or screwed down
Recommended glue	Stauf SPU 570
Underfloor heating	Possible with max. 27°C surface temperature

3 Surfaces

GRADING DESCRIPTIONS



3.1

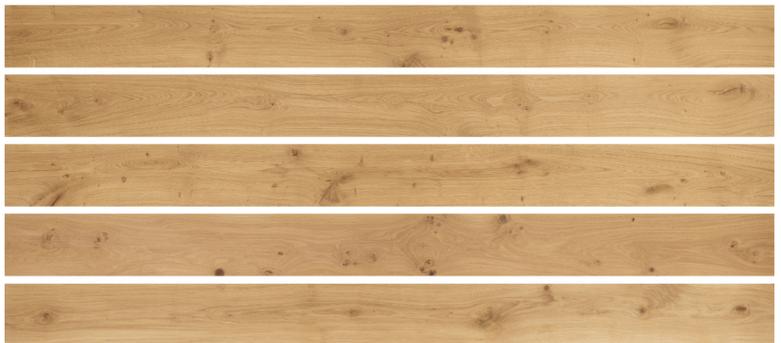
URBAN CLASSIC

Our "Urban Classic" grading generally includes planks with fewer knots and occasional pinpoint knots. This grading creates a calm and elegant atmosphere in the room.



COUNTRY CLASSIC

Our "Country Classic" grading corresponds to a livelier knot and color variation in the wood, creating a more rustic and characterful look. In interior spaces, the "Country Classic" grading adds cozy warmth and charm.



RUSTIC CLASSIC

Our "Rustic Classic" grading contains large cracks and knots, which are filled by hand. The overall appearance of the wood evokes a sense of warmth and authenticity.



SURFACE TREATMENT

3.2

Oak offers a versatile canvas for your design choices. Whether sanded, brushed or rough-sawn, in dark or light tones, this wood showcases its unique character and imparts distinct room ambiance. Extra-white oiled oak planks exude a modern, timeless, and inviting aura, while dark brown oiled planks exude elegance. Soaped oak plank floors, too, exhibit timeless beauty.