



# BRITISH HARDWOODS

## THE OAK SPECIALISTS

### Engineered Oak Flooring Specifications 20mm

Construction	
Species Top Layer	European Oak
Base Layer	CP Grade Multi-Layer Plywood
Width	180mm
Length	1.8m - 2.4m (average)
Top Layer	5mm (bonded onto Multi-layer Plywood using D4 Grade Adhesive)
Base Layer	15mm
Micro-Bevel	On long edges of boards
Underfloor Heating & Installation Specifications	
Floor Top Surface Temp. (max in use)	27°C
Floor Underside Temp. (max in use)	40°C
Heat Output (max in use)	60W/m <sup>2</sup>
Floor Unevenness (max.)	3mm in 3m
Distance of hot water pipes below boards in screed (min.)	30mm
Distance of hot water pipes below board (min.)	3mm
Subfloor / Room Temp. at time of installation	15-24°C
Equilibrium & Ambient Relative Humidity at time of installation	45-60% Relative Humidity
Joist Spacing (if applicable) (max.)	400mm
Edge Expansion Joint (min.)	13mm
Thermal conductivity	$\lambda=0,17$ W/mK
Thermal resistance	$R_c=0,12$ m <sup>2</sup> K/W