


# HEARTWOOD FLOORING

## SPECIFICATION OF ENGINEERED WOOD PRODUCTS PRODUCT: MULTI-PLY ENGINEERED FRENCH OAK FLOORING SPECIFICATION: FULL PLANK

### CHARACTER GRADE

Thickness - ENGINEERED OAK	15.0mm +/-0.3m
Thickness of top layer	4.0mm +/-0.3mm
Thickness of middle layer (Multi-ply)	9.0mm +/-0.5mm
Thickness of bottom layer (veneer)	2.0mm +/-0.5mm
Surface layer length (panel)	1900mm OR 2200mm, 25% short boards
Surface layer width (panel)	190mm OR 220mm
Veneer grade	Character
Joint system	4 sides T&G with micro bevel
Finish	Prefinished
Surface treatments	Smooth
Cross Bend	≤1mm
Direct Bend	≤2mm
Remain Stress	≤2%
Installation	Glue, float or Nail down
Core material	Eucalyptus
<b>Properties</b>	<b>Declaration according to EN 13432</b>
Fire resistance according to EN13501-1	According to EN 1350-1
Formaldehyde emission according to EN717-1	Standard E0
Anti skid properties according to EN 1339	USRV 15 and USRV 20
Opening between panels (when laid)	According to DIN EN 13489
Moisture content	8%-10%
Recognized certification	CE, ISO9001 
Height difference between panels	≤0.2mm

### STANDARD OF GRADING - CHARACTER GRADE

	10%-15% of selection	10%-15% of selection		
CHARACTER	A GRADE	B GRADE	C GRADE	D GRADE
SOUND KNOT	ALLOWED LIGHT SOUND KNOT	UNLIMITED	UNLIMITED	UNLIMITED
DEAD KNOT	NOT ALLOWED	NOT MORE THAN 4,F<20MM	NOT MORE THAN 4,F<25MM	NOT MORE THAN 4,F<40MM
DECAYED	NOT ALLOWED	NOT ALLOWED	NOT ALLOWED	NOT ALLOWED
CRACK	NOT ALLOWED	NOT ALLOWED	NOT ALLOWED	NOT ALLOWED
BARK/ BLACK STREAK	NOT ALLOWED	MAX 1,2X15 MM	MAX 2.2X15MM	MAX 4.2X15MM
SAPWOOD	NOT ALLOWED	LITTLE AND LIGHT SAPWOOD ALLOWED	NOT EXCEED 1/5 OF THE FULL PLANK, WILL BE STAINED	ALLOWED
COLOUR VARIATION	ALLOWED LITTLE COLOUR VARIATION		ALLOWED LIGHT COLOUR VARIATION	ALLOWED