

# HEARTWOOD FLOORING

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

**CHARACTER 190 & 220 PREFINISHED**

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	Brushed & finished with TREFFERT UV water based lacquer
Colour	Natural UV water based lacquer
Surface treatment	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		
<b>CHARACTER</b>	<b>A GRADE</b>	<b>B GRADE</b>	<b>C GRADE</b>	<b>D GRADE</b>
<b>SOUND KNOT</b>	ALLOWED LIGHT SOUND KNOT	UNLIMITED	UNLIMITED	UNLIMITED
<b>DEAD KNOT</b>	NOT ALLOWED	NOT MORE THAN 4,∅<20MM	NOT MORE THAN 4,∅<25MM	NOT MORE THAN 4,∅<40MM
<b>DECAYED</b>	NOT ALLOWED	NOT ALLOWED	NOT ALLOWED	NOT ALLOWED
<b>CRACK</b>	NOT ALLOWED	NOT ALLOWED	NOT ALLOWED	NOT ALLOWED
<b>BARK/ BLACK STREAK</b>	NOT ALLOWED	MAX 1,2X15 MM	MAX 2.2X15MM	MAX 4.2X15MM
<b>SAPWOOD</b>	NOT ALLOWED	LITTLE AND LIGHT SAPWOOD ALLOWED	NOT EXCEED 1/5 OF THE FULL PLANK,WILL BE STAINED	ALLOWED
<b>COLOUR VARIATION</b>	ALLOWED LITTLE COLOUR VARIATION		ALLOWED LIGHT COLOUR VARIATION	ALLOWED

**Please contact Italcotto on (021)425 4192**

**Rep:** \_\_\_\_\_