

**The Solid Wood Flooring European Oak Quality Standard**

No:	Category:	Classification: ABCD mix grade.	Classification: ABC grade.	Classification: AB grade.	Classification: DD grade.	Classification: EF grade.	
1	Description face appearance.	Wood with knots and natural variations in colour and texture.	Wood with knots, natural colour and texture variation.	Wood with small knots, slight natural variations in colour and texture	Wood with knots, natural colour and texture variation.	Wood with knots, natural colour and texture variation.	
2	Sound sapwood.	30% of the surface if well stained and color matched with the surrounding wood, and ≤30% of total of plank.	Permitted up to 35% of the surface if well stained and colour matched with the surrounding wood. And ≤25% of total of plank	Permitted, 10% of the width, and and ≤10% of total of plank.	Permitted up to 35% of the surface if well stained and colour matched with the surrounding wood. And ≤25% of total of plank	Permitted, no limit	
3	Knots.						
	a. Sound knots.	a. Permitted, ≤70mm no limit	1. Permitted if diameter ≤30mm if not grouped together 1pc/LM	1. Permitted, diameter ≤10mm 1pcs/LM	1. Permitted if diameter ≤30mm if not grouped together 1pc/LM	1. Permitted, no limit	
	b. Unsound knots	b. Permitted if diameter ≤40mm 1pc/LM, ≤2mm no limit	2. Permitted if diameter ≤15mm if not grouped together 1pc/LM	2. Permitted if diameter ≤5mm 1pcs/LM	2. Permitted if diameter ≤15mm if not grouped together 1pc/LM	2. Permitted if diameter ≤70mm, ≤40mm no limit, edge knots ≤30mm but not lose	
	c. Knot holes.	c. Permitted if diameter ≤25mm 1pc/LM	3. Permitted if diameter ≤10mm 1pc/LM	3. Not Permitted	3. Permitted if diameter ≤10mm 1pc/LM	3. Permitted if diameter ≤40mm 1pc but no at edge of wood	
		filler color: if light color products use natural filler or brown filler depends on the flooring color. Dark color products using brown filler. Never use black filler. Up to 20mm holes shall be filled by flase knots	filler color: natural filler for light or white products, brown filler for darker stained products, be confirmed by client.		filler color: brown or black filler depends on the flooring color. Up to 20mm holes shall be filled by flase knots	filler color: brown or black filler depends on the flooring color. Up to 20mm holes shall be filled by flase knots	
4	Checks or split	Permitted 10% of total of plank. Permitted 150mm long surface close split 2pcs, Open end split allow 5*200 1pc; close end split 1pc;	Allow end split ≤2mm*50 1pc. max 5% of total of plank	Not permitted.	Allow end split ≤2mm*50 1pc. max 5% of total of plank	Permitted 500*8mm open split 2pcs, 500mm long close allow 2pc; honeycomb and ray radiation splits from drying do not accept	
5	Biological attack. 腐朽、兰变	Not permitted.	Not permitted.	Not permitted.	Not permitted.	Not permitted.	
6	Black / brown streaks.	≤3mm*50 3pcs max and not grouped together	≤2mm*50 1pc	≤2mm*30 2pcs max and not grouped together	≤2mm*50 1pc	permitted, no limit	
7	Brown heart.	Not permitted.	Not permitted.	Not permitted.	Not permitted.	Not permitted.	
8	Medullary ray.	Permitted, no limit.	Not permitted.	Not permitted.	Not permitted.	Permitted, no limit.	
9	Slope of grain.	Permitted, no limit.	Not permitted.	Not permitted.	Not permitted.	Permitted, no limit.	
10	Curly grain	Not permitted.	Not permitted.	Not permitted.	Not permitted.	Permitted, no limit.	
11	Bark pockets.	≤5mm*50 3pcs max and not grouped together	≤3mm*30 1pc/LM	≤3mm*10 2pcs max and not grouped together	≤3mm*30 1pc/LM	Permitted, no limit.	
12	Telegraphing (core).	Not permitted.	Not permitted.	Not permitted.	Not permitted.	Permitted, no limit.	
	Water stain 水印						
13	Other defects which are not indicated.	Not permitted unless they resemble a defect already defined in which case they shall be considered under that defect.					cat paw grain and stars knots are not allowed
14	Rate of mixed grading. 等级比例	AB 5%	AB:C = 3:7		DEF=50%:25%:25%		
*Cracks in knots and knot holes shall be filled properly and coulour match with the surrounding wood surface. Up to 20mm holes shall be filled by flase knots							
Filler color: If light color products use natural filler or brown filler depends on the flooring color, confirm color when confirm orders. Dark color products use brown filler, never use black filler.							