

**THE SOLID WOOD FLOORING COMPANY AMERICAN RED OAK QUALITY STANDARD**

No:	Category:	Classification: AB grade.	Classification: C grade.	Classification: D grade.
1	Description face appearance.	Wood with some very small knots and slight variations in colour and	Wood with knots, natural colour and texture variation.	Wood with larger knots larger variations in colour and texture
2	Sound sapwood.	Not permitted	Permitted up to 20% of the surface if well stained and colour matched with the surrounding wood. And ≤25% of total of plank	Permitted up to 30% of the surface if well stained and colour matched with the surrounding wood. And 10% of total no of plank
3	Knots.			
	a. Sound knots.	a. Permitted if diameter ≤15mm if not grouped together. 1pc/LM	1. Permitted if diameter ≤15mm if not grouped together 3pcs max	Permitted, no limit.
	b. Unsound knots	b. Permitted if diameter ≤10mm 1pc/ LM	2. Permitted if diameter ≤12mm if not grouped together 3pcs max	2. Permitted if diameter ≤35mm 3pcs max
	c. Knot holes.	c. Permitted Permitted if diameter ≤8mm 1pc/LM	3. Permitted if diameter ≤8mm	3. Permitted if diameter ≤30mm 2pcs max
4	Checks or split	Not permitted	Not permitted.	Permitted 15% of total of plank ≤2mm*50mm checks or end split if properly filled and colour match with the surrounding wood surface.
5	Biological attack.	Not permitted.	Not permitted.	Not permitted.
6	Black / brown streaks.	≤2mm*30 3pcs max and not grouped together	≤3mm*30 3pcs max and not grouped together	≤5mm*50
7	Brown heart.	Not permitted.	Not permitted.	slight and healthy
8	Medullary ray.	Permitted, no limit.	Permitted, no limit.	Permitted, no limit.
9	Slope of grain.	Permitted, no limit.	Permitted, no limit.	Permitted, no limit.
10	Curly grain	Not permitted.	Not permitted.	Not permitted.
11	Bark pockets.	≤2mm*30 3pcs max and not grouped together	≤3mm*30 3pcs max and not grouped together	≤5mm*50
12	Sticks mark.	Not applicable on: Quercus spp (OAK).		
13	Telegraphing (core).	Not permitted.	Not permitted.	slight and healthy
14	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.		
15	Rate of mixed grading.	Classification:	Mix:	Percentage: Tolerance:
		Clean Select virtual prime:	AB grade mixed at random.	A 30% B 70% (+/-10%)
		Select Mixed Grade:	ABC grade mixed at random.	AB 30% C 70% (+/-10%)
		Mixed Grade :	ABCD grade mixed at random.	AB 30% C 40% D 30% (+/-10%)
		Rustic:	CD grade mixed at random.	C 40% D 60% (+/-10%)

\*To allow for unavoidable classification differences, 3% of the panels in a batch may be from other classes.

\*Cracks in knots and knot holes shall be filled properly and colour match with the surrounding wood surface. Up to 20mm holes shall be filled by flase knots  
Antique Vintage (castle floor)

All features permitted without limit to size or quantity if these do not impair the strength or the wearing quality