



# specification information

- product**      ecofinishes® laminate flooring
- style**        stone oak, queensbury oak, tuscan oak, portland oak, new hampshire oak, cinnamon oak, ebony oak
- collection**    outerbanks
- dimensions**   7.6"W x 54.45"L x 8mm  
sf per carton: 25.86

**performance**

service category per standard per	EN 685 EN 13329	32	resistance to stains	EN 438-2.15	groups 1-2    grade 5 group 3        grade 4
abrasion resistance	EN 13229	AC4	combustibility	EN 13501-1	Bfl , s1
impact resistance	EN 13229	IC2	combustibility	ONORM B3810	B1 , Q1
formaldehyde emission of the substrate before coating	EN 120 DIBT-Richtlinie 100	E1	sliding friction $\mu$	EN 13893	$\geq 0.3$
formaldehyde emission	EN 717-1 EN 717-2	< 0.1 ppm < 3.5 mg/h m <sup>2</sup>	dimensional variants afer changes in relative humidity	EN 13329	length and width $\leq$ 0.9 mm
moisture residue HDF	EN 322	4 - 7 %	straightness of panels	EN 13329	$\leq$ 0.30 mm /m
thickness swelling / edge swelling	EN 13229	< 18 %	height difference between elements	EN 13329	maximum $\leq$ 0.15 mm average $\leq$ 0.10 mm
thermal conductivity	ISO 8302	0.0780 m <sup>2</sup> .K/W	squared elements	EN 13329	$\leq$ 0.2 mm / panel width
resistance to cigarette burns	EN 438-2.18	grade 4	flatness of the element width	EN 13329	concave $\leq$ 0.3 mm convex $\leq$ 0.4 mm
light fastness	EN ISO 105-B02 EN 20105-A02	not worse than 6 blue wool scale not worse than 4 grey scale	flatness of the element length	EN 13329	concave $\leq$ 7 mm convex $\leq$ 14 mm
lifting resistance	EN 13329	$\geq 1$ N/mm <sup>2</sup>	system pattern matching widthwise ship's planking matching widthwise		+/- 2mm +/- 4mm
cross tensile strength	EN 319	> 1 N/mm <sup>2</sup>			

- construction**    4-sided beveled edge, HDF low swelling core with wax finished locking system
- installation**    angle-angle float click locking system
- warranties**      residential – 25 years  
commercial – 5 years
- environmental attributes**    Green Guard certified