



# specification information

**product** ecofinishes® laminate flooring

**style** natural oak, caramel maple, milton hickory, smoked oak, canyon hickory, smoked hickory

**collection** homeland

**dimensions** 4.5"W x 54.45"L x 10mm  
sf per carton: 13.81

**performance**

service category per standard per	EN 685 EN 13329	32
abrasion resistance	EN 13229	AC4
impact resistance	EN 13229	IC2
formaldehyde emission of the substrate before coating	EN 120 DIBT-Richtlinie 100	E1
formaldehyde emission	EN 717-1 EN 717-2	< 0.1 ppm < 3.5 mg/h m <sup>2</sup>
moisture residue HDF	EN 322	4 - 7 %
thickness swelling / edge swelling	EN 13229	< 18 %
thermal conductivity	ISO 8302	0.0930 m <sup>2</sup> .K/W
resistance to cigarette burns	EN 438-2.18	grade 4
light fastness	EN ISO 105-B02 EN 20105-A02	not worse than 6 blue wool scale not worse than 4 grey scale
lifting resistance	EN 13329	≥ 1 N/mm <sup>2</sup>
cross tensile strength	EN 319	> 1 N/mm <sup>2</sup>

resistance to stains	EN 438-2.15	groups 1-2 group 3	grade 5 grade 4
combustibility	EN 13501-1	Bfl, s1	
combustibility	ÖNORM B3810	B1, Q1	
sliding friction μ	EN 13893	≥ 0.3	
dimensional variants after changes in relative humidity	EN 13329	length and width ≤ 0.9 mm	
straightness of panels	EN 13329	≤ 0.30 mm /m	
height difference between elements	EN 13329	maximum	< 0.15 mm
		average	< 0.10 mm
squared elements	EN 13329	≤ 0.2 mm / panel width	
flatness of the element width	EN 13329	concave	<= 0.2 mm
		convex	<= 0.2 mm
flatness of the element length	EN 13329	concave	<= 7 mm
		convex	<= 14 mm

**construction** 4-sided beveled edge, HDF low swelling core with wax finished locking system

**installation** angle-drop float click locking system

**warranties** residential – 25 years  
commercial – 5 years

**environmental attributes** Green Guard Gold certified