

KLAASWOOD®

Thermo Oak Decking

DATA TYPE	PERFORMANCE	STANDARD/CODE REFERENCE	REMARKS
Use Class	UC3A	AWPA U1-22	Outdoor, above ground applications
Durability Class	DC1	EN 73+113 lab test	Highest rating, expected lifetime > 25 years
		EN 83+113 lab test	
		CEN/TS 12037	Accelerated field testing Borneo
Termite resistance	No resistance	EN 117	
EMC (@ 65% RH, 70o F)	5.4%	EN 13183-1	
Fire rating	Class B	ASTM E84	
Density	530 kg/m3	EN 317	
Fmax	4,735 N	EN 408+A1: 2012	
Modulus of Rupture	43.5 Mpa	EN 408+A1: 2012	
Modulus of Elasticity	11,543 Mpa	EN 408+A1: 2012	
Dimensional stability, longitudinal	0.1 (0.1) %	EN 317-3	Water immersion 24 hrs.
Dimensional stability, radial	0.3 (0.1) %	EN 317-3	
Dimensional stability, tangential	0.7 (0.1) %	EN 317-3	
Janka Hardness, longitudinal	4,570 N	ASTM D143-94	
Janka Hardness, radial	3,062 N		
Janka Hardness, tangential	2,773 N		
Screw withdrawal capacity	20.33 N/mm2	EN 13446	
Thermal conductivity		ISO 13787+EN 12667	In progress
Volatile Organic Compounds TWOC		KET 3300495	In progress

Questions?

Please visit www.klaaswood.com for more information.