



# STRONGSIDE ENCOMPASS

Floororganic XPT with AquaPro Technology

## Technical Specifications

PRODUCT		
STANDARD SPECIFICATION	EN13329	
COLORS	Biscotto Oak Desert Hickory Dewy Oak Maris Oak	Marona Oak Sonoma Oak Tranquil Oak Velvet Oak
LENGTH	54.45"	
WIDTH	7.6"	
NOMINAL THICKNESS	8.5mm Nominal (7.8mm Core + .9mm Attached Underlayment)	
PROFILE	Kaindl Tap Loc	

PRODUCT	TEST	RESULTS
ABRASION RESISTANCE	EN 13329	AC5
IMPACT RESISTANCE	EN13329	Small Ball: ≥70mm Big Ball: ≥1000mm
FORMALDEHYDE EMISSION OF SUBSTRATE BEFORE COATING	EN 120 DIBT-Richtlinie 100	E1
FORMALDEHYDE EMISSION	<0,1ppm <3,5 mg/h m <sup>2</sup>	<0.1ppm <3.5 mg/h m <sup>2</sup>
FORMADEHYDE EMISSION	VOC	GreenGuard Gold
FORMADEHYDE EMISSION	CARB	CARB Phase 2
EDGE SWELLING	EN 13329	≤10%
THERMAL CONDUCTIVITY	ISO 8302	0.0910 m <sup>2</sup> .K/W
MOISTURE RESIDUE HDF	EN 322	4 - 7 %
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	≥1.25N/mm <sup>2</sup>
STAIN RESISTANCE	EN 438-2.15	Groups 1-2: Grade 5 Groups 3: Grade 4
COMBUSTIBILITY	EN 1301-1	Cfl, s1
WATER RESISTANCE	NALFA surface watertest 01.08.2019	
SLIDING FRICTION	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 ≤0.15mm Avergae: ≤0.10mm
SQUARED ELEMENTS	EN 13329	≤0.2 mm / panel width
FLATNESS OF ELEMENT WIDTH	EN13329	Concave ≤0.3 mm Convex ≤0.4 mm
FLATNESS OF ELEMENT LENGTH	EN13329	Concave ≤6 mm Convex ≤13 mm
SYSTEM PATTERN MATCHING WIDTHWISE	Plus/Minus 2mm	
SHIP'S PLANKING MATCHING WIDTHWISE	Plus/Minus 4mm	
ACOUSTICAL RATING	ASTM E90/E492 (6" Concrete Slab / No Ceiling)	IIC 50 / STC 52