

NEXT STEP PANELS LARGE WITH INTEGRATED UNDERLAY XPO

Supplier	Barlinek
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MATERIAL/APPEARANCE



1. Surface Layer – super resistant matt lacquer Top Coat.
2. DLE+ system synchronic structure with the appearance of natural wood.
3. Transparent PVC scr Layer thickness 20mil (0,5 mm), four-sided microbevel.
4. Supporting rigid core produced in the extrusion process from calcium carbonate, PVC, and refining additives; Super HD digital printing. Thickness: 11/64" (5,5 mm.)
5. I4F patented compression locking solution.
6. Integrated foam underlay XPO thickness: 3/64" (1mm). CS load resistance > 400 kPa.

DIMENSIONS OF A SINGLE PANEL ACCORDING TO EN 16511:2023-10

Dimensions of a single panel	Tolerances
Thickness: 9/32" (7 mm)	$t_{max}-t_{min} \leq 0,5 \text{ mm}$
Length: 59.96" (1523 mm)	$l_{max}-l_{min} \leq 0,5 \text{ mm}$
Width: 9" (228,6 mm)	$w_{max}-w_{min} \leq 0,2 \text{ mm}$

THICKNESS OF SEPARATE LAYERS

Surface layer	20 mil (0,5 mm)
Core	7/32" (5,5 mm)
Underlay	3/64" (1,0 mm)

PACKAGE

Number of boards per pack:	5 pcs.
Pack:	18.73ft ² (1,74 m ²) / pack., 42 packs/pallet = 786.62 ft ² (73,08 m ²)

PRODUCT CHARACTERISTICS

Installation on underfloor heating system:	Product designed in the system of electric and water floor heating solution, in accordance with the assembly instructions. The maximum allowable temperature on the panel surface is +80.6 °F (+27°C)
Warranty:	LIFETIME residential use, 7 YEARS commercial use
Utility class according to EN 16511:2023	23 class residential, 34 class commercial

PROPERTY	TEST STANDARD	RESULTS	RESULT
Openings Laminate Floor Coverings - Determination of Geometrical Characteristics	ISO 24337	Openings: max. 0.103mm; Avg 0.083 mm Height Difference: Max: 0.098mm AVG: 0.068 mm	PASSES
Standard Test Method for Measuring Thickness of Resilient Floor Covering with Foam Layer	ASTM F387	Total thickness 0.238 inch; +0,075; -0mm	PASSES



Standard Test Method for Determining Dimensional Stability and Curling Properties of Resilient Floor Tile after Exposure to Heat	ASTM F2199	AVG Length 0.07% MAX Length 0.11%; AVG Width 0.02% MAX Width 0.03%	PASSES
Standard Test Method for Measuring Recovery Properties of Floor Coverings after Static Loading	ASTM F970	250 psi 0.003 Inch; 0.076mm	PASSES
Test Method for Short-Term Indentation and Residual Indentation of Resilient Floor Covering	ASTM F1914 ASTM F3261	RESIDUAL INDENTATION AT 75 Lbs. 0.001 inch; 0.025mm	PASSES
Smoke Density (Flaming) Standard Test Method for Specific Optical Density of Smoke Generated by Solid Materials	ASTM E662	439	PASSES
Smoke Density (Non-Flaming) Standard Test Method for Specific Optical Density of Smoke Generated by Solid Materials	ASTM E662	350	PASSES
Standard Test Method for Critical Radiant Flux of Floor Covering Systems Using A Radiant Heat Energy Source, also referenced as NFPA 253 and FTM Standard 372	ASTM E648	Average 0.75 Watts/ Square Cm Standard 0.04 Watts/ Square Cm Coefficient of Variation 5,76%	CLASS - 1 PASSES
Electrical Resistance - IBM (Surface to Ground)	ASTM F-150 & NFPA 99 Chapter 12 Section 4.1.3.8 (b)(7), 2006 Edition	Over x10 ¹¹ Ohms	PASSES
Surface Flammability of Carpets and Rugs	(16 CFR Chapter II, Subchapter D, Part 1630 CPSC FF 1-70) also referenced as ASTM D2859	3,7-3,8	PASSES
Large Ball Impact Resistance	NALFA 3.5	>1400 mm (55.1 inch)	PASSES
Small Ball (Dart) Impact Resistance	NALFA 3.6	>500 mm (19.7 inch)	PASSES
Surface Bond of Laminate Flooring per NALFA Standards Publication LF 01	NALFA 3.10	3,91 N/mm ²	PASSES
Resistance to Impact	ASTM F1265	Impact failure point exceeds 20 inches	PASSES
Test Method for Flexibility of Resilient Flooring Materials with Cylindrical Mandrel Apparatus	ASTM F137	8 X PASSES	PASSES
Standard Test Method for Laboratory Measurement of Airborne Sound Transmission Loss of Building Partitions and Elements (concrete slab with suspended ceiling)	ASTM E90	STC 60	PASSES
Measurement of Impact Sound Transmission (concrete slab with suspended ceiling)	ASTM E492-90-1	IIC 64	PASSES

Tested parameters according to EN 16511:2023-10 Loose-laid panels-semi rigid multilayer modular floor covering (MMF) panels with wear resistant top layer



SELECT CLASS



SOLTO OAK

SW4IMO-JKXPX-DP5XXX-ESOLA
EAN 5907461802233
CATALOG NUMBER DP5UL0001



SATIN OAK

SW4IMO-JKXPX-DP5XXX-ESATA
EAN 5907461802271
CATALOG NUMBER DP5UL0003



CREAM OAK

SW4IMO-JKXPX-DP5XXX-ECREA
EAN 5907461802295
CATALOG NUMBER DP5UL0005

SELECT CLASS



COGNAC OAK

SW4IMO-JKXPX-DP5XXX-ECOGA
EAN 5907461802301
CATALOG NUMBER DP5UL0006



VANILLA OAK

SW4IMO-JKXPX-DP5XXX-EVANA
EAN 5907461802325
CATALOG NUMBER DP5UL0007



SILK OAK

SW4IMO-JKXPX-DP5XXX-ESILA
EAN 5907461802370
CATALOG NUMBER DP5UL0010



SELECT CLASS



BALSAMICO OAK

SW4IMO-JKXPX-DP5XXX-EBALA

EAN 5907461802387

CATALOG NUMBER DP5UL0011



ANTIC OAK

SW4IMO-JKXPX-DP5XXX-EANTA

EAN 5907461802394

CATALOG NUMBER DP5UL0012



FLAX OAK

SW4IMO-JKXPX-DP5XXX-EFLAA

EAN 5907461808556

CATALOG NUMBER DP5UL0013

NATUR CLASS



CARAMEL OAK

SW4IMO-JKXPX-DP5XXX-ECARC

EAN 5907461802288

CATALOG NUMBER DP5UL0004



CINNAMON OAK

SW4IMO-JKXPX-DP5XXX-ECINC EAN

5907461802349

CATALOG NUMBER DP5UL0008



COFFEE OAK

SW4IMO-JKXPX-DP5XXX-ECOFF

EAN 5907461802240

CATALOG NUMBER DP5UL0002

RUSTIC CLASS



RUSTIC CLASS



GINGER OAK

SW4IMO-JKXPX-DP5XXX-EGINF

EAN 5907461802363

CATALOG NUMBER DP5UL0009

CARE OF LACQUERED FLOORS

The surface of the panels is covered with a durable lacquer, making it very easy to keep clean. To clean this type of flooring, you can use a flat mop or microfiber cloths. Remember to thoroughly rinse the mop and wring out the water. Rigit panels should be cleaned with products intended for this purpose. It is important to thoroughly remove sand from the surface, as it can scratch the surface of the panels.

NOTE: The individual panels and their surface may differ in color, shade, the intensity of knots and grain pattern. Sample boards, samples, photo- graphs and merchandising brochures may not fully correspond to the actual appearance of the products. The color of the product delivered may be different from the material available at the point of sale.

Version number	Date	Made by
USA_LARGE_7MM_V01	23/04/2025	Junior Technical Advice Specialist Product Manager Department
Previous version	Previous versions archived	\\klvfs1\clusterprofile\Pub\Dział_PM\KARTY SPECYFIKACJI TECHNICZNEJ DO POBRANIA

