PRODUCT SPECIFICATION

Barlinek DLE+ NextStep DIGITALLY ENHANCED FLOORING

NEXT STEP PANELS STANDARD WITH INTEGRATED UNDERLAY XPO	
Supplier	Barlinek

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 rigit core produced in the extrusion process from calcium carbonate, PVC, and refining additives; Super HD digital printing. Thickness: 11/64" (4,5 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:15/64" (6 mm)	tmax-tmin ≤ 0,5 mm
Length: 48.58" (1234 mm)	lmax-lmin ≤ 0,5 mm
Width: 7.8" (198 mm)	wmax-wmin ≤ 0,2 mm

THICKNESS OF SEPARATE LAYERS	
Surface layer	20 mil (0,5 mm)
Core	11/64"(4,5 mm)
Underlay	3/64" (1,0 mm)

PACKAGE	
Number of boards per pack:	8 pcs.
Pack:	20.99ft^2 (1,95 m^2)/ pack., 44 packs/pallet = 923.54 ft^2 (85,80 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:	All class in Residential Use – LIFETIME WARRANTY Only the Class 33 products in Commercial Use -10 YEARS WARRANTY
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. 0.087mm; Avg 0.074 mm Height Difference: Max: 0.081mm 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

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Standard Test Method for Determining Dimensional Stability and Curling Properties of Resilient Floor Tile after Exposure to Heat	ASTM F2199	AVG Length 0.06% MAX Length 0.07%; AVG Width 0.00% MAX Width 0.00%	PASSES
Standard Test Method for Measuring Recovery Properties of Floor Coverings after Static Loading	ASTM F970	250 psi 0.002 Inch; 0.051mm	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 (Non-Flaming) Standard Test Method for Specific Optical Density of Smoke Generated by Solid Materials	ASTM E662	341	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 0.90 Watts/ Squere Cm Standard 0.90 Watts/ Squere Cm Coefficient of Variation 2.78%	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	2.37 N/mm^2	PASSES
Resistance to Impact	ASTM F1265	Impact failure point exceeds 20 inches	PASSES
Standard Test Method for Laboratory Measurement of Airborne Sound Transmission Loss of Building Partitions and Elements (concrete slab aith suspendend ceiling)	ASTM E90	STC 59	PASSES
Measurement of Impact Sound Transmission (concrete slab aith suspendend ceiling)	ASTM E492-90-1	IIC 63	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

CIDER OAK
SW4IMO-HSTAN-DP5XXX-ECIDA
EAN 5907461801953
CATALOG NUMBER DP5US0008

TOBACCO OAK
SW4IMO-HSTAN-DP5XXX-ETOBA
EAN 5907461801960
CATALOG NUMBER DP5US0009

BEIGE OAK
SW4IMO-HSTAN-DP5XXX-EBEIA
EAN 5907461801977
CATALOG NUMBER DP5US0010

SELECT CLASS

PEACH OAK
SW4IMO-HSTAN-DP5XXX-EPEAA
EAN 5907461801984
CATALOG NUMBER DP5US0011

RYE OAK
SW4IMO-HSTAN-DP5XXX-ERYEA
EAN 5907461801991
CATALOG NUMBER DP5US0012

NATUR CLASS

WHITE OAK
SW4IMO-HSTAN-DP5XXX-EWHIC
EAN 5907461801663
CATALOG NUMBER DP5US0003

NATUR CLASS

ALMOND OAK
SW4IMO-HSTAN-DP5XXX-EALMC
EAN 5907461801922
CATALOG NUMBER DP5US0005

SAFFRON OAK
SW4IMO-HSTAN-DP5XXX-ESAFC
EAN 5907461801939
CATALOG NUMBER DP5US0006

BISCUIT OAK
SW4IMO-HSTAN-DP5XXX-EBISC
EAN 5907461801946
CATALOG NUMBER DP5US0007

RUSTIC CLASS

HONEY OAK
SW4IMO-HSTAN-DP5XXX-EHONF
EAN 5907461801656
CATALOG NUMBER DP5US0002

HAZEL OAK
SW4IMO-HSTAN-DP5XXX-EHAZF
EAN 5907461801694
CATALOG NUMBER DP5US0004

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_STANDARD_6MM_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