

SKEMA

TECHNICAL DATA SHEET

LAMINATE FLOORING LINE PRESTIGE L

PRODUCT
DOCUMENTATION



EN 14041:2004/AC:2006

PHYSICAL AND CHEMICAL CHARACTERISTICS	STANDARD REFERENCE	VALUE CLASSIFICATION
Product type	EN 13329:2023	Laminate floor covering for indoor use.
Layers		1) Overlay 2) Decor paper 3) HDF board 4) Backing paper
Production system		DPL
Substrate		HDF
Density	EN 323:1993	880 Kg./m ³ ± 3%
Element dimension		2052x220x(8 ± 0,5) mm
Packaging		Pcs / Box m² 6 pcs / 2,709 m ²
Dimension changes	EN 13329:2023	In accordance with tolerance table 1
Classification	EN 13329:2023	  En 13329-23 En 13329-32
Class of use (indoor use)	EN 13329:2023 – EN ISO 10874:2012/A1:2020	HEAVY DOMESTIC GENERAL COMMERCIAL
Abrasion resistance	EN 13329:2023 – ISO 24338 PROC. "A"	AC4

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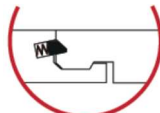
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Impact resistance	EN 13329:2023	Small ball: ≥ 35 mm Big ball: ≥ 600 mm
Resistance to scratching	EN 438-2:2005 PAR. 25	Minimum Rating 3
Resistance to staining	EN 438-2:2005 PAR. 26	Group 1 Rating 5 Group 2 Rating 5 Group 3 Rating 4
Colour fastness	EN ISO 4892-2:2013/A1:2021	Grey scale ≥ 4
Effect of a furniture leg "Type O"	EN 13329:2023 – EN ISO 16581:2019	No damage
Effect of a castor chair "Type W"	EN 13329:2023 – EN ISO 4198:2021	No damage (15.000 cycles)
Joint		 
Locking Strenght	EN 13329:2023 – EN ISO 24334:2019	Length: ≥ 2 kN/m Width: ≥ 2 kN/m
Bevel		Present on the 4 sides 
Edge Impregnation "Hydro"		
Protection against the penetration of standing water on the edges	ISO 4760:2022	YES

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Thickness swelling	EN 13329:2023 – ISO 24336:2005	≤ 13 %
Static indentation / Residual Indentation	EN 13329:2023 – EN ISO 24343-1:2012	≤ 0,01 mm
Surface soundness	EN 13329:2023 – APPENDIX B	≥ 1,25 N/mm ²
Forest Certification “CoC”	PEFC ST 2002:2020	PEFC Certified Certificate Number: DNVSE-PEFC-COC-168
“CAM” Conformity (minimum environmental criteria)	Italian decree 23 June 2022	YES 
Emission of volatile organic compounds (VOC) after 28 days Classification	EN ISO 16000-9:2006 ISO 16000-6:2011 French decree No. 321/2011	
Reference Declaration of Performance (DOP) Download: http://www.skema.eu		DOP: LA-001
Reaction to fire	EN 14041:2004/AC:2006 – EN 13501-01:2018	Cfl -s1 ⁽¹⁾
Formaldehyde	EN 14041:2004/AC:2006 – EN 717-1:2004	≤ 0,05ppm (CLASS E1 ≤ 0.1ppm)
Slip resistance	EN 14041:2004/AC:2006 – EN 13893:2002	CLASS DS
Slip resistance Antislip inclined Plane	EN 16165:2021-12 (ex DIN 51130:2004)	R9

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PHYSICAL AND CHEMICAL CHARACTERISTICS	STANDARD REFERENCE	VALUE CLASSIFICATION
Electrical behaviour (propensity to accumulation of static electricity)	EN 14041:2004/AC:2006 – EN 1815:2016	Antistatic (excluding “Prestige L Exhibition” variant)
Thermal conductivity	EN 14041:2004/AC:2006 – EN 12667:2001 EN 10456 :2007	λ media = 0,14 W/(m·K) ^{(*)2}
Thermal resistance	EN 12667:2001	R < 0,07 m ² ·K/W ^{(*)2}
Suitable for underfloor heating	T _{max} = maximum floor surface temperature	YES ^{(*)3} T _{max} ≤ 27°C 
Suitable for underfloor cooling		YES ^{(*)4}
Skema underlayer usable		SUPERIOR RBR (★ ★ ★) DB (★ ★) ST (★)
Max room surface without expansion joint		15 x 15 m
Manufacture		Made in EU
Warranty Extension		YES (for details, consult the specific document with the warranty conditions)

NOTES AND WARNINGS:

(*)1 laying on non-combustible building elements by the interposition of mattresses provided by Skema following the indications specified in the technical and / or sale documentation and / or in the instructions contained in the packages.

(*)2 the value of conductivity and thermal resistance indicated is referring only to the laminate flooring and does not include that one of mattress or mattresses applied. For this information, please contact Skema Technical dept.

(*)3 for the installation of the product with floor heating, follow the instructions given in specific documentation and / or contained in the packages.

Laminate floors can be installed on a low thickness hot water system (in direct contact with the floor) with the certainty that the support surface is suitable, i.e. flat and solid as indicated in the installation instructions and with minimal continuity gaps to avoid compromising the longevity of the joints of the slats with the “springing” of the floor. The heat distribution must be uniform over the entire surface of the floor.

(*)4 for the installation of the product with floor cooling, follow the instructions given in specific documentation and / or contained in the packages.

it is necessary to ensure that the temperature on the floor does not drop to the dew point, causing the unwanted formation of condensation. In the presence of high environmental humidity, typically in summer, this safety is achieved with careful control of temperatures in the field and possibly with a dehumidification system.

Follow the cooling system manufacturer’s instructions and local or European technical standards.

Note: Specifications are subject to change without notice.

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