

DECLARATION OF PERFORMANCE

No. K41/1/DAA/20

1. Unique identification code of the product-type:

K41

Trade name: **SERENITY**

Supplementary identification information specified on the product packaging.

2. Specification of a construction product, type and application:

Resilient floor coverings intended for the application inside buildings subject to PN-EN 14041:2018-02 - Resilient, nonwoven, laminated and modular multilayer floor covering – Essential characteristics

3. Manufacturer of the construction product:



"LENTEX" Spółka Akcyjna,
ul. Powstańców Śląskich 54, 42-700 Lubliniec
telephone number: +48 (34) 351 56 00, fax. +48 (34) 351 56 01

4. System of assessment and verification of constancy of performance:

System 3 - Declaration of the performance of the essential characteristics of the construction product by the manufacturer on the basis of the following items:

- a) the manufacturer shall carry out factory production control;
- b) the notified product certification body shall issue the certificate of constancy of performance of the product on the basis of determination of the product-type on the basis of type testing (including sampling), type calculation, tabulated values or descriptive documentation of the product.

5. Notified bodies involved in the assessment and verification of the constancy of performance according with system no. 3

- a) TÜV Rheinland Nederland B.V., jednostka notyfikowana nr 0336
ul. Westervoortsejdijk 73, NL-6827 AVArnhem, Niderlandy

carried out the designation of the product SERENITY within:

- dimensional stability after exposure to heat (%)
- curling after exposure to heat (mm)
- colour fastness to artificial light
- determination of coefficient of dynamic friction
- determination of the effect of a castor chair

- thermal resistance
- b) RESEARCH NETWORK ŁUKASIEWICZ - INSTITUTE OF TEXTILE MATERIALS,
notified body no. 1435
ul. Brzezińska 5/15, 92–103 Łódź, Poland

carried out the designation of the product SERENITY within:

- determination of electrical voltage
- determination of electrical resistance

- c) BUILDING RESEARCH INSTITUTE, notified body no. 1488
ul. Filtrowa 1, 00–611 Warszawa, Poland

carried out the designation of the product SERENITY within:

- reaction to fire classification
- impact sound reduction

- d) EUROFINS PRODUCT TESTING A/S, notified body no. 2657
ul. Smedskovvej 38, DK-8464 Galten, Denmark

carried out the designation of the product SERENITY within:

- emission of volatile organic compounds (VOC)
- emission of formaldehyde

- e) TECHNICAL AND TEST INSTITUTE FOR CONSTRUCTION, PRAGA notified body no. 1020
ul. Zahradni 15, 326-00 Pilsno, Czech Republic

carried out the designation of the product SERENITY within:

- determination of the anti-slip property according to DIN 51130

6. Declared performance: in Annex 1

7. The performance of the product identified in points 1 and 2 is in conformity with the declared performance in point 6 Annex 1:

























This declaration of performance is issued in accordance with Regulation (EU) No 305/2011 under the sole responsibility of the manufacturer identified in point 3.

Signed for and on behalf of the manufacturer by:

„LENTEX” S.A. - Dywizja Wykładzin
DYREKTOR
ds. Produkcji i Rozwoju
Mariusz Suszka

Lubliniec, 20.04.2020


Lentex Declared Performance

TYPE OF FLOOR COVERING: SERENITY				CE			
PVC floor covering usability parameters according to PN-EN 651:2011				PN-EN 14041:2018-02			
USABILITY CLASIFICATION	PN-EN ISO 10874:2012	Class 23	 residential high	Class 31	 commercial moderate		
ESSENTIAL CHARACTERISTIC							
	PN-EN ISO 24346:2012	Total thickness	2,60 mm ¹		PN-EN ISO 24341:2012	Roll length	25 m
	PN-EN ISO 24340:2012	Wear layer thickness	0,30 mm ²		PN-EN ISO 24341:2012	Width	4 m
	PN-EN ISO 23997:2012	Surface weight	1,85 kg/m² ³				
ESSENTIAL CHARACTERISTIC ACCORDING TO PN-EN 14041:2018-02							
	PN-EN 13501-1:2019-02	Reaction to fire classification	C_{fl-s1}		PN-EN 13893:2004	Slip resistance	DS
	PN-EN 1815:2016-10	Static electrical propensity	< 2,0 kV		PN-EN 1081:2019-01	Electrical resistance	< 1,0 x 10⁹ Ω
 antistatic and dissipative floor coverings							
	PN-EN 16516:2017-11	Emission of VOC	class A+		PN-EN 16516:2017-11	Emission of formaldehyde (HCHO)	class E1
	PN-EN 13553:2017-10	Water tightness	NDP		PN-EN 14041:2018-02	Content of specific dangerous substances	compliant, not actively added
	PN-EN 12667:2002	Thermal resistance R ₂₃	0,047 m²K/W				
ADDITIONAL CHARACTERISTIC							
	PN-EN 651:2011	Wear resistance group	T group		PN-EN ISO 105-B02:2014-11	Light fastness	min 6
	PN-EN ISO 23999:2018- 10	Dimensional stability/curling after exposure to heat	max 0,4 % / max 8 mm		PN-EN 425:2004	Castor chair	no damage
	PN-EN ISO 717-2:2013-08	Impact sound reduction ΔLW	16 dB		PN-EN ISO 24343-1:2012	Residual indentation after loading	≤ 0,35 mm ≥ 0,40 mm
	PN-EN ISO 26987:2012	Resistance to chemicals	good		PN-EN 16581:2019-07	The effect of the simulated movement of a furniture leg	NPD
Hygienic assessment	30/322/60/2020	positive		DIN 51130:2014-02	DIN 51130:2014-02	R10	
Regulation REACH	WE1907/2006	not applicable			Water underfloor heating	up to 27 °C	

¹ Overall thickness tolerance according to PN-EN 651:2011 / +0,18 -0,15 mm² Wear layer thickness tolerance according to PN-EN 651:2011 / +13% -10%³ Basis weight tolerance according to PN-EN 651:2011 / +13% -10%

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