

### DIMENSIONS

dimensions	thickness	4 mm · tmax - tmin ≤ 0,50 mm
	length	2800 mm
	width	1230 mm

### SURFACE

Reaction to fire	EN 13501-1	C-s2,d0
Thermal resistance (conductivity)	EN 12667	0.008 (m <sup>2</sup> ·K)/W
PU adhesion / Cross cut test [0-5]	EN ISO 2409	≤ 3
Scratch resistance - value	EN 438-2	5.5 N
Scratch resistance - class	EN 438-2	4
Gloss change	PN-EN 16094	A2
Abrasion resistance	EN 15468	3000 Cycles
Chemical resistance (e.g. acetone, alcohol, sodium hydroxide, hydrogen peroxide)	EN 438-2	5
Impact stability (large ball)	EN 438-2	1800 mm

### MECHANICAL PROPERTIES

Dimensional stability - length	ISO 23999	≤ 0,25 %
Dimensional stability - width		≤ 0,25 %
Humidity exposure	Internal	No visual change or failure

### AGEING

Changing temperatures test	Internal	OK
Light fastness (blue wool scale 6)	EN 13329	≥ 4

### EMISSION

TUV PROFICERT LEVEL	Internal	Premium
AgBB		✓
A+		✓
Belgian VOC regulation		✓
MI1 Finnish classification		✓
Austrian Eco Label uz 56		✓

### ENVIRONMENT

Content of phthalates	Free
Content of formaldehyde	Free
Hygienic certificate	Nr 396/322/403/2020

# T E S T C E R T I F I C A T E

ST-21-02-10-01

**Product:** Wall covering - type I

**Producer:** Kronoflooring LVT Sp. z o.o., ul. Przemysłowa 10, 38-200 Jasło, Poland

**Order:** Testing of the selected properties

**Test report:** 2118065/2020/3/W, 2719075/3, 2719182, 2719288, 2719464

**Test results:**

Property	Result
Geometric properties according to ISO 24337:2019	All results are in the permissible tolerance of EN 16511:2019
Abrasion resistance according to EN 15468:2016, Annex A (Falling-Sand-Method)	5100 Revolutions
Resistance against impact (big ball) according to EN 13329:2006+A1:2008, Annex F	> 1800 mm
Microscratch resistance according to EN 16094:2012	MSR-A3
Residual indentation according to ISO 24343-1:2012	0.00 mm
Resistance against staining according to EN 438-2:2019 (Group 1-3)	Grade 5
Dimensional stability according to ISO 23999 length / width	0.05 % / 0.05 %
Adhesive strength according to EN ISO 2409:2013 (Cross-cut test)	0
Resistance to scratching and elasticity according to "Hamberger test instruction"	40 N
Light fastness test according to EN 13329:2017	Grey scale No $\geq$ 4 at blue wool scale grade 6
Humidity exposure after 24 h (38 °C and 95 % relative humidity)	No changes
Thermal resistance according to EN 12667:2001	0.008 (m <sup>2</sup> K)/W
VOC-Emission according to EN 1616:2018, assessment according to AgBB-Scheme	Requirements according to AgBB-Scheme fulfilled

Dresden, 10/02/2021

Head of laboratory



Engineer in charge

# CE TEST CERTIFICATE

FOR PERFORMANCE CHARACTERISTICS OF CONSTRUCTION PRODUCTS FOR THE CE MARKING

FLO-22-10-06-01

**Products:** Wall covering tiles "Rocko tiles", Thickness: 4 mm  
Surface structures: FN, PT (UV-laquered PVC)  
suitable also for the installation as floor covering

**Producer:** Kronoflooring Sp. z o.o.  
ul. Przemysłowa 10  
38-200 JASŁO  
POLAND

**Order:** Determination of the anti-sliding property according to EN 13893:2002-11 /  
Classification according to EN 14041:2004+AC:2005+AC:2006

**Test reports:** 2718587, 2719182, 2721545

**Test results:**

Properties	Declaration according to EN 14041:2004+AC:2005+AC:2006
Reaction to fire performance according to EN ISO 9239-1:2010 and EN ISO 11925-2:2011; Classification according to EN 13501-1:2010 - Critical heat flow - Smoke production	B <sub>fl</sub> - s1*
Anti-sliding property according to EN 13893:2002-11	class DS
Thermal resistance according to EN 12667:2001	0,008 (m <sup>2</sup> K)/W

\* Valid on mineral subfloor in end use application, using adhesive or not.

Dresden, 06/10/2022

*i.v. Adam Kossel*

Head of laboratory



*i.v. [Signature]*

Engineer in charge

#### 4. Classification and field of application

##### 4.1. Reference of classification

This classification has been carried out in accordance with EN 13501-1:2018.

##### 4.2. Classification

The product, „ Wall covering - type I”, in relations to its reaction to fire behaviour is classified:

**C**

The additional classification in relations to smoke production is:

**s2**

The additional classification in relations to flaming droplets / particles is:

**d0**

The format of the reaction to fire classification for construction products excluding floorings and linear pipe thermal insulation products is:

Fire behaviour		Smoke production			Flaming droplets	
<b>C</b>	-	<b>s</b>	<b>2</b>	,	<b>d</b>	<b>0</b>

**Reaction to fire classification: C-s2,d0**



322/234/403/2020

Gdańsk, 30<sup>th</sup> November 2020

### **HYGIENIC CERTIFICATE No. 396/322/403/2020**

- |  |   |
|--|---|
| <b>1. Product (material)</b>   | <b>Wall Covering- Type I</b>  |
| <b>2. Destination</b>  | Wall panels   |
| <b>3. Notifying Institution</b>  | Kronoflooring Sp. z o.o.<br>ul. Wojska Polskiego 3<br>39-300 Mielec |
| <b>4. Producer</b>   | Kronoflooring Sp. z o.o.<br>ul. Wojska Polskiego 3<br>39-300 Mielec |
| <b>5. Product received an positive estimation with regard to hygienic reasons.<br/>Certificate does not apply to Occupational Health and Safety while product assembly.</b>  |   |
| <b>6. Certificate was issued on the basis of: letter of Kronoflooring Sp z o.o. from 13.11.2020 with the documentation.</b>  |   |
| <b>7. Certificate may be corrected or cancelled by any Contracting Party after appropriate motivation.<br/>The certificate loses its validity after 5 years of the date of issue or in the case of changes in composition or technology of production.</b> |   |

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**KIEROWNIK**  
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