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WOOD TECHNOLOGY CENTRE

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AB 088

PHYSICAL AND MECHANICAL TESTING SECTION

Poznań, 25.05.2022



TEST REPORT

No A1587/2022/S.B

English version of the Test Report No A1587/2022/S.B issued on 18.10.2022

Subject of the order:

Thickness swelling test of the SWISS KRONO BLACK WOOD WORKTOP

Order No:

A-1587-BDW/2022

Name and address of the customer:

SWISS KRONO sp. z o.o.
ul. Serbska 56, 68-200 Żary

Performance date:

9.05.2022 – 17.05.2022

Operators:

Jacek Samol

Compiled by

Authorized by

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Grzegorz Pajchrowski

Andrzej Noskowiak

A qualified electronic signature has been affixed to this document, which according to the law is equivalent to written form.

1 IDENTIFICATION (TESTED OBJECTS DESCRIPTION)

The objects of the tests were three samples of worktop with nominal dimensions of 300mm×500mm×13mm described by the Customer as SWISS KRONO BLACK WOOD WORKTOP.

2 DATE OF DELIVERY OF TESTED OBJECTS

The samples were collected by the Customer and delivered to the Laboratory on 9.05.2022.

3 SCOPE AND METHODS OF EXAMINATION

Suitably to the order, thickness swelling of worktop samples was tested by the method according to the standard *ISO 24336:2005 "Laminate floor coverings – Determination of thickness swelling after partial immersion in water"*.

4 APPARATUS

The following equipment was used for the tests:

- electronic thickness gauge MITUTOYO, identification No: B24/111.

5 TEST RESULTS

The specimens with nominal dimensions of 50mm×150mm were cut from delivered samples (six along the length and six along the width). After pre-conditioning, the specimens were partially immersed in water for 24h. Test results are summarised in Table 1.

Table 1: Thickness swelling of the specimens cut from worktop samples delivered for testing on 9.05.2022

Direction of specimens cutting	Specimen No	Before soaking				After soaking				Swelling after 24h soaking
		Thickness at point				Thickness at point				
		1	2	3	average	1	2	3	average	%
width	1	12.92	12.89	12.91	12.91	14.10	14.41	14.09	14.20	10.02
	2	12.88	12.85	12.84	12.86	14.09	14.32	13.77	14.06	9.36
	3	12.90	12.88	12.88	12.89	13.85	14.26	13.78	13.96	8.35
	4	12.87	12.85	12.85	12.86	13.88	14.04	13.69	13.87	7.88
	5	12.93	12.90	12.91	12.91	13.62	14.07	13.88	13.86	7.31
	6	12.88	12.86	12.87	12.87	13.66	14.19	13.91	13.92	8.16
	average	12.90	12.87	12.88	12.88	13.87	14.22	13.85	13.98	8.51
length	1	12.84	12.88	12.85	12.86	13.93	14.21	13.83	13.99	8.82
	2	12.84	12.88	12.84	12.85	13.84	14.35	14.14	14.11	9.78
	3	12.92	12.88	12.90	12.90	13.74	14.28	13.90	13.97	8.32
	4	12.91	12.88	12.89	12.89	13.97	14.17	13.77	13.97	8.35
	5	12.86	12.88	12.87	12.87	13.75	14.15	13.74	13.88	7.85
	6	12.87	12.89	12.87	12.88	13.66	14.17	13.58	13.80	7.20
	average	12.87	12.88	12.87	12.88	13.82	14.22	13.83	13.95	8.38

6 STATEMENT

Test results presented in this Report refer to the tested samples only. Without written consent of the Laboratory the Report may not be reproduced in any other form than in its entirety.

===== **END OF THE REPORT** =====