



Building Research Institute

GROUP OF RESEARCH LABORATORIES  
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AB 023

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DEPARTMENT OF FIRE RESEARCH FIRE  
 TESTING LABORATORY

## TEST REPORT NO-LZP01-02409/20/Z00NZIP

**Customer:** SAKO-EXPO TECHTEXTILPLAST  
 Henryk Sakowski Sp. J.  
 Aleksandria 6  
**Customer address:** 95-035 Ozorków

### Information on the test object

**Test object:** PVC foil reinforced with polyester mesh named SAKOTEX FR.  
**Product parameters declared by the Customer:**  
 Grammage: 600 g/m<sup>2</sup>.  
**Parameters of the tested product defined in the laboratory:**  
 Thickness: 0.45 mm.  
 Surface mass: 570 g/m<sup>2</sup>.

**Date of collection/admission of the test object:** Date of admittance: 21.08.2020  
 Collected: not applicable  
**Protocol no. for collecting/admission of the test object:** Protocol of admittance: LZP-02409/20/Z00NZIP  
 Protocol of collection: not applicable  
**Procedure for collecting/admitting the test object:** PZ ZLB 18 Handling of test objects

### Information about testing

**Date of initiation of tests:** 31.08.2020  
**Date of completion of tests:** 31.08.2020

#### METHOD OF RESEARCH

PN-EN ISO 6940:2005 Flat textile products. Behavior during combustion. Determination of flammability of vertically placed samples.

#### DEROGATIONS from PN-EN ISO 6940:2005

did not occur

#### SEASONING:

Sample conditioning: from 21.08.2020 to 31.08.2020  
 Seasoning conditions: Temperature: 23 ± 2°C, Relative humidity 50 ± 5%

#### FIRE TESTING LABORATORY

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<b>PREPARATION OF SAMPLES:</b>						
Samples conforming to the standard PN — EN ISO 6940:2005 were prepared in the laboratory from the delivered fabric.						
<b>RESULTS OF THE TEST:</b>						
Test results according to PN—EN ISO 6940:2005						
Sample No.	Flame duration [s]	Result (-/+)	Time [s]	Number of cases:		
				ignition	no ignition	
1	4	-	4	0	1	
2	7	-	7	0	1	
3	11	-	11	0	1	
4	14	-	14	0	1	
5	18	-	18	0	1	
6	20	-	20	0	5	
7	20	-				
8	20	-				
9	20	-				
10	20	-				
<p>+ means the ignition of the sample            - means the sample didn't ignite            „-" opposite the t; cell means that the samples did not ignite during the test.</p>						
<b>MEASUREMENT UNCERTAINTY:</b>						
Due to the nature of the test in accordance with EN ISO 6940, it is not possible, with the current level of knowledge, to provide uncertainty of measurement for the results presented.						
<b>OTHER INFORMATION CONCERNING THE TEST:</b>						
The results given in the report refer to the position of the burner in position "a" (surface). When the burner is placed in position "b" (edge) there is no ignition of samples either. No burning drops were observed. No burning drops were observed.						
<b>TEST ROOM CONDITIONS:</b>						
Air temperature: 21,6 °C, Relative humidity: 59,8 %						
<b>OBSERVATIONS:</b>						
-						
<b>ANNEXES:</b>						
-						
<b>STATEMENT OF COMPLIANCE AND NON-COMPLIANCE WITH THE REQUIREMENTS:</b>						
<p>The parties have agreed that in assessing the conformity of the results with the criteria set out in UA GS VII 16/2002, the rule of simple acceptance shall be applied, i.e. a product is deemed to be compliant with respect to a result if that result, without taking into account variation due to measurement uncertainty, meets the requirement.</p> <p>This is due to the risk of incorrect assessment resulting from not taking uncertainty into account in the assessment. The risk is also due to the fact that the laboratory has no knowledge of the variability of the product population, but only of the sample tested.</p>						
<b>STATEMENT:</b>						
The test results refer to the behaviour of the samples for testing the product in the specific test conditions; they cannot be the only criterion for assessing the potential fire hazard of the used product.						

**Responsible for the test**Mariusz Żońnik

Title, Forename and Surname

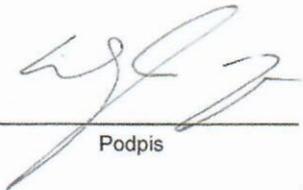
Signature

**Authorising the report**dr inż. Katarzyna Kaczorek Chrobak

Signature

**Warsaw, 31.08.2020**

*The Research Laboratory declares that the test results refer exclusively to the tested object. Without the written permission of the Testing Laboratory, the Report may not be reproduced except in its entirety. The test report shall not replace documents which are required in order to permit the placing on the market and making available of construction products.*

**Acting Head of the Fire Testing Laboratory**  
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Podpis*End of report LZP01-02409/20/Z00NZP*