

CERTIFIED TRANSLATION FROM POLISH LANGUAGE

Z3A PZ ZLB no. 19, Filled in KI-II

Rev. VII/1 13 April 2018

[logo] ITB

**Institut Techniki Budowlanej [Building Research Institute]
GROUP OF TESTING LABORATORIES
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certificate of accreditation no. AB 023**

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**FIRE RESEARCH DEPARTMENT
FIRE TESTING LABORATORY**

TEST REPORT NO. LZP02-00739/19/Z00NZP

This classification report was issued in 3 copies (2 for the Client, 1 for ITB).

Client: *Low & Bonar Poland Sp. z o. o.*
Client address: *ul. Mikołajczyka 31 A
41-200 Sosnowiec*

Information regarding the tested object

Tested object: *PVC-coated polyester material with the trade name VALMEX® FR 650-3*
description, condition and identification *Product parameters declared by the Client:
Surface weight: 650 g/m².*

*Parameters of the tested product determined in the laboratory:
Material thickness: 0.54 mm.
Material surface weight: 665 g/m².*

Date of acceptance/collection of the tested object: *Accepted for testing: 22.02.2019*

Acceptance/collection certificate no.: *Certificate of acceptance: LZP-00739/18/Z00NZP*

Procedure for acceptance/collection of the object for testing: *PZ ZLB 18 Handling of objects for testing*

Information about testing

Testing start date: *12.03.2019*
Testing completion date: *12.03.2019*

TEST METHOD:

PN-EN ISO 11925-2:2010 Reaction to fire tests – Ignitability of products subjected to direct impingement of flame - part 2: single-flame source test.

DEPARTURES from PN-EN ISO 11925-2:2010

None

SEASONING:

*Sample conditioning: from 22.02.2019 to 12.03.2019
Conditions of conditioning: temperature: 23 ± 2°C, relative humidity 50 ± 5%
Samples were seasoned to achieve a solid mass*

SAMPLE PREPARATION (primer used and bonding method):

Samples in accordance with the requirements of PN-EN ISO 11925-2 were prepared in the laboratory from the samples supplied by the client.

TESTING CONDITIONS:

- 1. Fire Impingement: surface and edges*
- 2. Handle used: standard*
- 3. Exposure time: 30 s*

FIRE TESTING LABORATORY

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TESTING LABORATORY

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CONDITIONS IN THE TESTING ROOM:						
Air temperature: 22.0 °C, relative humidity: 37.2%						
TEST RESULTS:						
Tested properties	Impingement from the outer side - samples cut lengthwise					
	Fire impingement: surface			Flame impingement: edges		
	1	2	3	1	2	3
Inflammation, +/-	+	+	+	+	+	+
Time to reach 150mm limit, [s]	-	-	-	-	-	-
Ignition of filter paper, +/-	-	-	-	-	-	-
UNCERTAINTY OF MEASUREMENT:						
Qualitative studies involving observation of sample behavior are not subject to assessment of uncertainty.						
OBSERVATIONS:						
-						
ENCLOSURES:						
-						
DETERMINATION OF COMPLIANCE/NON-COMPLIANCE WITH REQUIREMENTS:						
The parties agreed that in assessing the conformity of the results with the criteria specified in PN-EN 13501-1+A1:2010, the simple acceptance rule is applied, i.e. the product is considered compliant with respect to the result, if the result meets the requirement without allowing for the variability due to measurement uncertainty. This is due to the risk of misjudgment due to the failure to account for uncertainty in the assessment. The risk also stems from the fact that the laboratory has no knowledge of the variability of the product population, but only of the sample being tested.						
STATEMENT:						
The test results relate to the behavior of the product test samples under the specific testing conditions; they cannot be the sole criterion for the assessment of the potential fire hazard of the product used.						

Person in charge of testing

Mariusz Żolnik

Title, Name

[signature]

Signature

Acting Head of the Fire Testing Laboratory

Bartłomiej Papis, Eng, PhD

Title, Name

[signature]

Signature

Person authorizing the report

Bartłomiej Papis, Eng, PhD

Title, Name

[signature]

Signature

Warsaw, 13 March 2019

The Testing Laboratory declares that the test results relate only to the object tested. Without the written permission of the Testing Laboratory, the Report shall not be reproduced, except in its entirety.

The test report does not replace the documents required for the marketing and supply of construction products.

End of the report no. LZP02-00739/19/Z00NZP

I, the undersigned Sabina Siemaszko, sworn translator of English Language, hereby certify that the foregoing translation of the document from Polish language is the accurate translation of the copy of the document produced to me.

The translator is entered on the list of Sworn Translators maintained by the Minister of Justice; entry no. TP/3104/05

Translator's fee was collected for 4 pages à 1125 characters

Reg. no. 0048/2023, 27 January 2023