

Translation of an original document prepared in Polish with the emblem of the Institute of Building Technology placed in the upper left-hand corner of the document

Institute of Building Technology  
**TESTING LABORATORY COMPLEX**  
Accredited by Polish Centre for Accreditation  
accreditation certificate  
No AB 023

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**BUILDING MATERIALS PLANT**, 00-611 Warsaw ul. Filtrowa 1, tel. 22 57 96 223  
**BUILDING MATERIALS LABORATORY**

## TEST REPORT No 01741/15/R20NM

Client: **GAMRAT Spółka Akcyjna** (*joint-stock company, translator's note*)  
Client's address: 38-200 Jasło, ul. Mickiewicza 108

### Information regarding object of testing

Object of testing:

**GAMRAT composite profiles**

*Name, description, condition and identification*

Date of acceptance of the object of testing "in situ"

2015.04.17

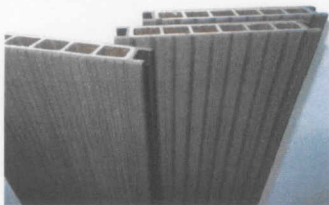
No of protocol of acceptance regarding object of testing "in situ"

LM00-00698/15/Z00NM

Procedure of acceptance of the object of testing:

No 18

Information regarding the object of testing:



*GAMRAT composite profiles*

*Name of the object: Terrace board*

*Product number: 3971 2220 0*

*Delivered: 3 terrace boards with the dimensions: 2,5 cm x 16 cm x c.a. 150 cm (thickness x width x length), double-sided, with grooves 1,5 mm wide, spaced at 6 mm intervals on one side and with grooves 5 mm wide spaced at 15 mm intervals on the other side. Grooves are made along the length of the boards*

### Information regarding the tests

Date of starting the tests:

2015.05.21

Date of completion of tests:

2015.05.21

Other information regarding testing:

- Standards and testing procedures:
- PN-EN 15534-4:2014 Composites made of materials on the basis of cellulose and

*Janusz Dłubiecki*  
*Kucior*



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thermoplastic materials (Commonly called wood polymer composites WPC) or composites with natural fiber (NFC)) – Part 4: Specifications of floor profiles and tiles

**BUILDING MATERIALS LABORATORY**

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22 825 77 30/ 02-656 Warsaw/ ul. Ksawerów 21/ tel. 22 843 14 71/ fax 22 843 29 31 **National Court Register**

**Number: 0000158785/ Commercial Evidence Number: 000063650/ Taxpayer's Identification Number: 525 000**

**93 58/ BPH S.A. Branch in Warsaw/ Al. Jerozolimskie 27/ 00-508 Warsaw/ bank account number 87 1060**

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- CEN/TS 15676 Wooden floor – slip resistance – pendulum test (Technical Specification)
- Tests were carried out along the length of the grooves
- Temperature during tests carried out in the laboratory amounted to 22°C, relative humidity 55%
- In the Testing Laboratory Complex at the Institute of Building Technology swinging device (pendulum) was used for the purpose of measuring slip resistance with the symbol LT-209 with wide slider 57 (CEN), readings of pendulum test values (Pendulum Test Value) were carried out on scale C of the device.

Feature of the test	Test results	
	dry surface	wet surface
Slip resistance acc. to PN-EN 15534-4:2014 + CEN/TS 15676	<b>GAMRAT composite profiles, terrace board, side with grooves 1,5 mm wide, spaced at 6 mm intervals</b>	
	96; 97; 93; 95; 95; 96; 95; 95; 94; 96	62; 59; 59; 58; 59; 59; 62; 59; 58; 58
PTV (Pendulum Test Value)	average <b>95 ± 3</b>	average <b>59 ± 4</b>
	<b>GAMRAT composite profiles, terrace board, side with grooves 5 mm wide, spaced at 15 mm intervals</b>	
	97; 98; 99; 100; 100; 102; 102; 102; 100; 99	76; 76; 77; 76; 77; 78; 79; 74; 76; 75
	average <b>100 ± 4</b>	average <b>76 ± 1</b>

After "±" uncertainty of measurement was indicated – expanded uncertainty at the level of confidence amounting to 95% and coverage factor  $k = 2$ .

Person responsible for the testing

Andrzej Nowacki, Eng.

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Podpis

Person authorizing the report

Jacek Popczyk, M. Sc.

/illegible handwritten signature/

Podpis

*Jacek Popczyk*  
*Kosia*



Certified translation from Polish

Warsaw, this day 2015.06.30

*Testing Laboratory hereby states that results of the above mentioned testing refer exclusively to the tested object. Without written consent of Testing Laboratory, this Report cannot be reproduced otherwise than in its entirety.*

*Test report is not a document certifying for sale and common use in building industry.*

Manager of LM Laboratory  
*/illegible handwritten signature/*  
Jadwiga Miklaszewska, M. Sc.

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I, the undersigned, Joanna Lubera – Kosior, sworn translator of English TP/3929/05, thereby confirm the above to be true and faithful translation of the document presented to me in Polish.  
Rzeszów, 21.06.2016  
Rep. No 492/2016

*Joanna Lubera  
Kosior*

