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AB 011



**NOTIFIED BODY No. 1434**

## **ADDENDUM TO THE ASSESSMENT OF THE PERFORMANCE REPORT No. 496/T/2019**

the 1 edition of 15 April 2020

- 1. Items tested:** samples of EPS thermal insulation in accordance with EN 13163:2012+A1:2015 Thermal insulation products for buildings – Factory made expanded polystyrene (EPS) products – Specification  
Assortment (type): Insulation panels
- 2. Customer name and address:** Sia „G SYSTEMS” Raunas iela 44 k-1, Riga, LV-1039, Latvia
- 3. Manufacturer name and address:** Individual Entrepreneur Pobodinskas Anatolii Bronislavovych, ZIP 49000, city Dnipro, Heroiv Boulevard 45/306
- 4. Customer order:** of 4 November 2019
- 5. Tested properties scope:** determination of long term water absorption diffusion
- 6. Sampling date:** samples taken by Customer
- 7. Applied sampling method:** samples taken by Customer
- 8. Items tested receipt date:** 11 October 2019
- 9. Deviations from the test methods:** not applied
- 10. Test completion date:** 2 April 2020

1. The results relate only to items tested.
2. This test report shall not be reproduced except in full without written approval of the laboratory.
3. Any complaints about realization of the tests may be submitted within one month from the date of receipt of this report.

**11. Test results:****11.1 Determination of long term water absorption by diffusion - test procedure according to EN 12088: 2013 Thermal insulation products for building applications - Determination of long term water absorption by diffusion**

- samples conditioned according to EN 12088:2013 p.6.4
- date of testing: 6 December 2019 – 2 April 2020

production date	sample number	nominal size of the sample [mm]	water absorption $W_{dv}$ [% (V/V)]	mean value [% (V/V)]	standard deviation [% (V/V)]	expanded uncertainty [% (V/V)]
14.10.2019	1	500x500x80	13,5	14,5	1,4	0,1
	2		15,6			
Given expanded uncertainty comes from a standard uncertainty multiplied by a coverage factor $k=1,96$ , which for a normal distribution provides a level of confidence of approximately 95 %.						
18.10.2019	1	500x500x60	20,5	20,8	0,4	0,1
	2		21,1			
Given expanded uncertainty comes from a standard uncertainty multiplied by a coverage factor $k=1,96$ , which for a normal distribution provides a level of confidence of approximately 95 %.						
21.10.2019	1	500x500x100	5,5	5,3	0,3	0,1
	2		5,1			
Given expanded uncertainty comes from a standard uncertainty multiplied by a coverage factor $k=1,96$ , which for a normal distribution provides a level of confidence of approximately 95 %.						
22.10.2019	1	500x500x60	19,6	19,8	0,2	0,1
	2		19,9			
Given expanded uncertainty comes from a standard uncertainty multiplied by a coverage factor $k=1,96$ , which for a normal distribution provides a level of confidence of approximately 95 %.						

**12. Notes**

The estimated uncertainty of result refers only to the sample and may not cover any of the batch from which the sample could be taken.

**Prepared by:**

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Szymon Gładysz

**Authorized by:**

Laboratory Manager

*Anna Dąbrowska*

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