



Center for Testing and
European Certification

CENTER FOR TESTING AND EUROPEAN CERTIFICATION LTD

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CONSTRUCTION PRODUCT TESTING LABORATORY

2, Industrialna str., Stara Zagora

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**REPORT
FROM TESTING**

№ 1 08 1575WA / 05.10.2020

- 1. Product of testing:** Mortar for masonry: Webermur Blockset LW (plaster for ytong type bricks)
- 2. Applicant of the testing:** Saint-Gobain Construction Products Albania, Rr. Budull, Nr.3, Ahmetaq Preze Vora, Albania.
- 3. Application for the testing:** № 2-0473 / 01.07.2020, without report from sampling from CPTL
- 4. Location of performance of the testing:** Construction Product Testing Laboratory
- 5. Test methods:**
BDS EN 1015-12:2016 Methods of test of mortar for masonry - Part 12: Determination of adhesive strength of hardened rendering and plastering mortars on substrates
BDS EN 1015-18:2003 Methods of test for mortar for masonry - Part 18: Determination of water absorption coefficient due to capillary action of hardened mortar
BDS EN 1015-19:2001+A1:2006 Methods of test for mortar for masonry - Part 19: Determination of water vapour permeability of hardened rendering and plastering mortars
BDS EN 1015-21:2003 Methods of test for mortar for masonry - Part 21: Determination of the compatibility of one-coat rendering mortars with substrates
BDS EN 1745:2020 Masonry and masonry products - Methods for determining thermal properties
- 6. Date of delivery of the sample for testing to the laboratory:** 01.07.2020
In accordance with the requirement of the applicant, the test samples were prepared at a ratio of 0.270 kg of water to 1 kg of the dry mixture.
- 7. Date/s/ of performance of the testing:** 24.07.2020. ÷ 05.10.2020

Head of laboratory:

(eng. H. Angelova)



8. Results from testing:

№	Name of testing/ characteristic	Unit of measure	Test method	Diary sample №	Test results (uncertainty)	Environmental conditions
1	2	3	4	5	6	7
1.	Adhesive strength (type of destruction)	N/mm ²	BDS EN 1015-12:2016	1073-0	0.51 (cohesive fracture) 0.53 (cohesive fracture) 0.77 (cohesive fracture) 0.63 (cohesive fracture) 0.57 (cohesive fracture) Average: 0.6	t°= (21 ± 0.2)°C RH= (51 ± 1)%
2.	Water absorption	kg/m ² min ^{0.5}	BDS EN 1015-18:2003	1073-0	0.809 0.801 0.809 Average: 0.81	t°= (21 ± 0.2)°C RH= (51 ± 1)%
3.	Water vapour permeability of hardened mortar - upper level - lower level	kg/m ² sRa	BDS EN 1015-19:2001 +A1:2006	1073-0	1,94.10⁻¹⁰ -7,93.10⁻¹¹	t°= (21 ± 0.2)°C RH= (51 ± 1)%
4.	Water permeability after weathering cycles	ml/cm ² .48h	BDS EN 1015-21:2003	1073-0	4.8	t°= (21 ± 0.2)°C RH= (51 ± 1)%
5.	Adhesive strength after weathering cycles (type of destruction)	N/mm ²	BDS EN 1015-21:2003 BDS EN 1015-12:2016	1073-0	0.74 (cohesive fracture) 0.88 (cohesive fracture) 0.85 (cohesive fracture) 0.88 (cohesive fracture) 0.78 (cohesive fracture) Average: 0.8	t°= (21 ± 0.2)°C RH= (51 ± 1)%
6.	Equivalent thermal conductivity	W/mK	BDS EN 1745:2020	1073-0	0.44	



9. Declaration of conformity of test results with limit values: not applicable.

10. Additions to, deviations, or exclusions from the test methods: No

11. Additional information required by the test method: No

Note I: The test results apply to the tested samples only.

Note II: The report from testing shall not be reproduced except in full, without approval of the laboratory.

Note III: The laboratory has not been responsible for the sampling stage (e.g. the sample has been provided by the customer). The results apply to the sample as received.

„В случай на недоразумение е валидна версията на български език / In case of misunderstanding, the Bulgarian version is valid“

Tested by:.....
(T. Laskova)

Head of laboratory:.....
(Eng. H. Angelova)

