



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

Page 1 of 2

**REPORT
FROM TESTING**

№ 1 08 2047WA / 23.01.2020

- 1. Product of testing:** Mortar for masonry: Webermur LM 13
- 2. Applicant of the testing:** Saint-Gobain Construction Products Albania, Rr. Budull, Nr.3, 1039 Ahmetaq Preze Vore, Albania.
- 3. Application for the testing:** № 2-0539 / 22.10.2019, 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 1745:2012 Masonry and masonry products - Methods for determining thermal properties
- 6. Date of delivery of the sample for testing to the laboratory:** 22.10.2019
In accordance with the requirement of the applicant, the test samples were prepared at a ratio of 0.250 l of water to 1 kg of the dry mixture.
- 7. Date/s/ of performance of the testing:** 11.11.2019. ÷ 23.01.2020

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.	Water absorption	kg/m ² min ^{0.5}	BDS EN 1015-18:2003	1672-0	1.169 1.194 1.179 Average: 1.18	t°= (21 ± 0.2)°C RH= (51 ± 1)%
2.	Water vapour permeability of hardened mortar - upper level - lower level	kg /m ² sRa	BDS EN 1015-19:2001 +A1:2006	1672-0	8,54.10 ⁻¹¹ -7,53.10 ⁻¹¹	t°= (21 ± 0.2)°C RH= (51 ± 1)%
3.	Adhesive strength after weathering cycles (type of destruction)	N/mm ²	BDS EN 1015-21:2003 BDS EN 1015-12:2016	1672-0	0.60 (cohesive fracture) 0.62 (cohesive fracture) 0.63 (cohesive fracture) 0.66 (cohesive fracture) 0.65 (cohesive fracture) Average: 0.6	t°= (21 ± 0.2)°C RH= (51 ± 1)%
4.	Equivalent thermal conductivity	W/mK	BDS EN 1745:2012	1672-0	0.45	-

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)

END



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ЛАБОРАТОРИЯ ЗА ИЗПИТВАНЕ НА СТРОИТЕЛНИ ПРОДУКТИ
гр.Стара Загора, ул.“Индустиална“ № 2

ИА БСА е страна по многостранно споразумение ЕА МЛА

Сертификат за акредитация, рег. № 252 ЛИ /26.09.2019г., валиден до 18.06.2022г,
издаден от ИА БСА, съгласно изискванията на стандарт БДС EN ISO/IEC 17025:2018



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- 3. Application for the testing:** № 2-0539 / 22.10.2019, without report from sampling from CPTL
- 4. Location of performance of the testing:** Construction Product Testing Laboratory
- 5. Test methods:**
BDS EN 1015-6:2001+A1:2007 Methods of test for mortar for masonry - Part 6: Determination of bulk density of fresh mortar
BDS EN 1015-10:2001+A1:2007 Methods of test for mortar for masonry - Part 10: Determination of dry bulk density of hardened mortar
BDS EN 1015-11:2001+A1:2007 Methods of test for mortar for masonry - Part 11: Determination of flexural and compressive strength of hardened mortar
- 6. Date of delivery of the sample for testing to the laboratory:** 22.10.2019
In accordance with the requirement of the applicant, the test samples were prepared at a ratio of 0.250 l of water to 1 kg of the dry mixture .
- 7. Date/s/ of performance of the testing:** 11.11.2019 ÷ 23.01.2020

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.	Density	kg/m ³	БДС EN 1015-6:2001 +A1:2007	1672-0	1680 1670 1670 Average: 1670 ± 7	t°= (21 ± 0.2)°C RH= (51 ± 1)%
2.	Bulk density	kg/m ³	БДС EN 1015-10:2001 +A1:2007	1672-0	1404 1404 1397 Average: 1400 ± 5	t°= (21 ± 0.2)°C RH= (51 ± 1)%
3.	Compressive strength of hardened mortar	N/mm ²	БДС EN 1015-11:2001 +A1:2007	1672-0	2.21 2.27 2.24 2.28 2.86 2.84 Average: 2.5 ± 0.5	t°= (21 ± 0.2)°C RH= (51 ± 1)%

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.

Note IV: The reported expanded uncertainty of measurement is expressed as a standard uncertainty of measurement multiplied by a factor of coverage k = 2 at normal distribution of values and confidence of approximately 95%

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

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



END