



Center for Testing and  
European Certification

**CENTER FOR TESTING AND EUROPEAN CERTIFICATION LTD**

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

ИА БСА е страна по многостранно споразумение EA MLA

Сертификат за акредитация, рег. No 252 ЛИ /18.06.2018г., валиден до 18.06.2022г,  
издаден от ИА БСА, съгласно изискванията на стандарт БДС EN ISO/IEC 17025:2006



**REPORT**

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**FROM TESTING**

**№ 1 08 0978 / 28.08.2019**

- 1. Product of testing:** Mortar for masonry: Webertherm Special G
- 2. Applicant of the testing:** Saint-Gobain Construction Products Albania, Str: Budull, Nr.3, Ahmetaq Preze, Vora, Albania.
- 3. Application for the testing:** № 2-0295 / 24.06.2019, without report from sampling from CPTL
- 4. Location of performance of the testing:** Construction Product Testing Laboratory
- 5. Test methods:**  
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  
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 1015-3:2001+A2:2008 Methods of test for mortar for masonry - Part 3: Determination of consistence of fresh mortar (by flow table)  
BDS EN 1015-4:2001 Methods of test for mortar for masonry - Part 4: Determination of consistence of fresh mortar (by plunger penetration)  
BDS EN 1015-7:2001 Methods of test for mortar for masonry - Part 7: Determination of air content of fresh mortar  
BDS EN 1015-17:2004+A1:2006 Methods or test for mortar for masonry - Part 17: Determination of water-soluble chloride content of fresh mortars
- 6. Date of delivery of the sample for testing to the laboratory:** 28.06.2019  
In accordance with the requirement of the applicant, the test samples were prepared at a ratio of 0.260 kg of water to 1 kg of the dry mixture.
- 7. Date/s/ of performance of the testing:** 10.07.2019 ÷ 23.08.2019

**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.	Bulk density	kg/m <sup>3</sup>	БДС EN 1015-10:2001 +A1:2007	0874-0	1444 1469 1464 <b>Average: 1460 ± 15</b>	t°= (21 ± 0.2)°C RH= (51 ± 1)%
2.	Flexural strength of hardened mortar	N/mm <sup>2</sup>	БДС EN 1015-11:2001 +A1:2007	0874-0	3.26 4.76 3.82 <b>Average: 4.0 ± 0.9</b>	t°= (21 ± 0.2)°C RH= (51 ± 1)%
3.	Compressive strength of hardened mortar	N/mm <sup>2</sup>	БДС EN 1015-11:2001 +A1:2007	0874-0	11.01 11.67 11.04 12.15 12.14 12.21 <b>Average: 11.7 ± 0.5</b>	t°= (21 ± 0.2)°C RH= (51 ± 1)%
4.	Consistence - by flow table	mm	БДС EN 1015-3:2001 +A2:2008	0874-0	<b>155 ± 2</b>	t°= (21 ± 0.2)°C RH= (51 ± 1)%
5.	Consistence - by plunger penetration	mm	БДС EN 1015-4:2001	0874-0	<b>31</b>	t°= (21 ± 0.2)°C RH= (51 ± 1)%
6.	Air content of fresh mortar	%	БДС EN 1015-7:2001	0874-0	15.6 15.5 <b>Average: 15.6 ± 0.1</b>	t°= (21 ± 0.2)°C RH= (51 ± 1)%
7.	Content of water-soluble chloride	%	БДС EN 1015-17:2004 +A1:2006	0874-0	<b>0.01</b>	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 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“

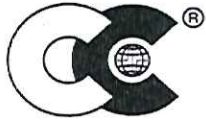
  
Tested by:.....  
( T. Laskova )

  
.....  
( T. Dineva )

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



END



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**CONSTRUCTION PRODUCT TESTING LABORATORY**

2, Industrialna str., Stara Zagora

Page 1 of 3

**REPORT**

**FROM TESTING**

**№ 1 08 0978WA / 30.09.2019**

**1. Product of testing:** Mortar for masonry: Webertherm Special G

**2. Applicant of the testing:** Saint-Gobain Construction Products Albania, Str: Budull, Nr.3, Ahmetaq Preze, Vore, Albania.

**3. Application for the testing:** № 2-0295 / 24.06.2019, 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:** 28.06.2019

In accordance with the requirement of the applicant, the test samples were prepared at a ratio of 0.260 kg of water to 1 kg of the dry mixture.

**7. Date/s/ of performance of the testing:** 10.07.2019. ÷ 30.09.2019

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 <sup>2</sup>	BDS EN 1015-12:2016	0874-0	0.69 (cohesive fracture) 0.72 (cohesive fracture) 0.87 (cohesive fracture) 1.15 (cohesive fracture) 0.76 (cohesive fracture)  Average: 0.8	t°= (21 ± 0.2)°C RH= (51 ± 1)%
2.	Water absorption	kg/m <sup>2</sup> min <sup>0.5</sup>	BDS EN 1015-18:2003	0874-0	0.135 0.109 0.114  Average: 0.12	t°= (21 ± 0.2)°C RH= (51 ± 1)%
3.	Water vapour permeability of hardened mortar - upper level - lower level	kg /m <sup>2</sup> sRa	BDS EN 1015-19:2001 +A1:2006	0874-0	3,64.10 <sup>-11</sup> -6,86.10 <sup>-11</sup>	t°= (21 ± 0.2)°C RH= (51 ± 1)%
4.	Water permeability after weathering cycles	ml/cm <sup>2</sup> .48h	BDS EN 1015-21:2003	0874-0	1.6	t°= (21 ± 0.2)°C RH= (51 ± 1)%
5.	Adhesive strength after weathering cycles (type of destruction)	N/mm <sup>2</sup>	BDS EN 1015-21:2003 BDS EN 1015-12:2016	0874-0	1.56 (cohesive fracture) 1.81 (cohesive fracture) 1.81 (cohesive fracture) 1.54 (cohesive fracture) 1.65 (cohesive fracture)  Average: 1.7	t°= (21 ± 0.2)°C RH= (51 ± 1)%
6.	Equivalent thermal conductivity	W/mK	BDS EN 1745:2012	0874-0	0.50	



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.

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Tested by:   
( T. Laskova )

Head of laboratory:   
( Eng. H. Angelova )

