

Center for Testing and
European Certification

CENTER FOR TESTING AND EUROPEAN CERTIFICATION LTD

23 Sv. Patriarh Evtimij Blvd., Stara Zagora Bulgaria,
tel. 00 35942/620 368; fax: 00359 42/602 377; GSM: 00 359 887 598 697

E-mail: ctec@ctec-sz.com, www.ctec-sz.com

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. 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

Page 1 of 3

FROM TESTING

№ 1 08 0979 / 28.08.2019

- 1. Product of testing:** Mortar for masonry: Webertherm Special W
- 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 0.270 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 ³ | БДС EN 1015-10:2001 +A1:2007 | 0875-0 | 1390 1403 1381 Average: 1390 ± 13 | t°= (21 ± 0.2)°C RH= (51 ± 1)% |
| 2. | Flexural strength of hardened mortar | N/mm ² | БДС EN 1015-11:2001 +A1:2007 | 0875-0 | 5.20 6.59 5.09 Average: 5.6 ± 1.0 | t°= (21 ± 0.2)°C RH= (51 ± 1)% |
| 3. | Compressive strength of hardened mortar | N/mm ² | БДС EN 1015-11:2001 +A1:2007 | 0875-0 | 13.88 13.31 11.28 13.63 11.44 11.44 Average: 12.5 ± 1.0 | t°= (21 ± 0.2)°C RH= (51 ± 1)% |
| 4. | Consistence - by flow table | mm | БДС EN 1015-3:2001 +A2:2008 | 0875-0 | 148 ± 2 | t°= (21 ± 0.2)°C RH= (51 ± 1)% |
| 5. | Consistence - by plunger penetration | mm | БДС EN 1015-4:2001 | 0875-0 | 32 | t°= (21 ± 0.2)°C RH= (51 ± 1)% |
| 6. | Air content of fresh mortar | % | БДС EN 1015-7:2001 | 0875-0 | 17.7 17.4 Average: 17.6 ± 0.2 | t°= (21 ± 0.2)°C RH= (51 ± 1)% |
| 7. | Content of water-soluble chloride | % | БДС EN 1015-17:2004 +A1:2006 | 0875-0 | 0.01 | |



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.

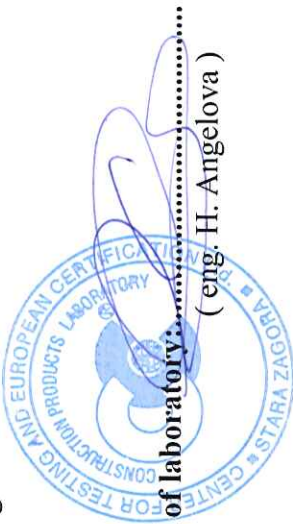
Note IV: The reported expanded uncertainty of measurement is expressed as a standard uncertainty multiplied by a factor of coverage $k = 2$ at normal distribution of values and confidence of approximately 95%

„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



Center for Testing and
European Certification

CENTER FOR TESTING AND EUROPEAN CERTIFICATION LTD

23 Sv. Patriarh Evtimij Blvd., Stara Zagora Bulgaria,
tel. 00 35942/620 368; fax: 00359 42/602 377; GSM: 00 359 887 598 697

E-mail: ctec@ctec-sz.com, www.ctec-sz.com

CONSTRUCTION PRODUCT TESTING LABORATORY

2, Industrialna str., Stara Zagora

Page 1 of 3

**REPORT
FROM TESTING**

№ 1 08 0979WA / 30.09.2019

1. Product of testing: Mortar for masonry: Webertherm Special W

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 0.270 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 ² | BDS EN 1015-12:2016 | 0875-0 | 0.74 (cohesive fracture) 0.73 (cohesive fracture) 0.98 (cohesive fracture) 1.08 (cohesive fracture) 1.02 (cohesive fracture) Average: 0.9 | t°= (21 ± 0.2)°C RH= (51 ± 1)% |
| 2. | Water absorption | kg/m ² ·min ^{0.5} | BDS EN 1015-18:2003 | 0875-0 | 0.127 0.111 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 ² ·sRa | BDS EN 1015-19:2001 +A1:2006 | 0875-0 | 3,71.10 ⁻¹¹ -7,05.10 ⁻¹¹ | t°= (21 ± 0.2)°C RH= (51 ± 1)% |
| 4. | Water permeability after weathering cycles | ml/cm ² ·48h | BDS EN 1015-21:2003 | 0875-0 | 1.5 | 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 | 0875-0 | 1.23 (cohesive fracture) 1.50 (cohesive fracture) 1.77 (cohesive fracture) 1.65 (cohesive fracture) 1.63 (cohesive fracture) Average: 1.6 | t°= (21 ± 0.2)°C RH= (51 ± 1)% |
| 6. | Equivalent thermal conductivity | W/mK | BDS EN 1745:2012 | 0875-0 | 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

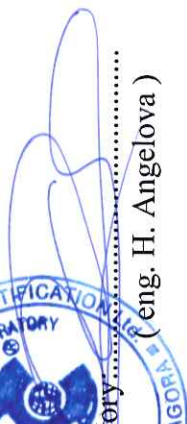
Note I: The test results apply to the tested samples only.

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)

