Center for Testing and European Certification

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ЛАБОРАТОРИЯ ЗА ИЗПИТВАНЕ НА СТРОИТЕЛНИ ПРОДУКТИ
гр.Стара Загора, ул."Индустриална" № 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

ИА БСА
Рег.№ 252 ЛИ
ЛАБОРАТОРИЯ ЗА ИЗПИТВАНЕ

REPORT
FROM TESTING
№ 1 08 0981 / 28.08.2019

1. Product of testing: Mortar for masonry: Webertherm Prestige 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 0.290 kg of water to 1 kg of the dry mixture.

7. Date/s/ of performance of the testing: 10.07.2019 ÷ 23.08.2019

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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/m³	БДС EN 1015-10:2001 +A1:2007	0877-0	**1311 1313 1325**	**Average: 1320 ± 9**	t°= (21 ± 0.2)°C RH= (51 ± 1)%
2.	**Flexural strength of hardened mortar**	N/mm²	БДС EN 1015-11:2001 +A1:2007	0877-0	**3.14 2.44 2.72**	**Average: 2.8 ± 0.4**	t°= (21 ± 0.2)°C RH= (51 ± 1)%
3.	**Compressive strength of hardened mortar**	N/mm²	БДС EN 1015-11:2001 +A1:2007	0877-0	**8.44 8.06 8.14 8.41 8.29 7.66**	**Average: 8.2 ± 0.2**	t°= (21 ± 0.2)°C RH= (51 ± 1)%
4.	**Consistence** - by flow table	mm	БДС EN 1015-3:2001 +A2:2008	0877-0	**163 ± 2**		t°= (21 ± 0.2)°C RH= (51 ± 1)%
5.	**Consistence** - by plunger penetration	mm	БДС EN 1015-4:2001	0877-0	**26 ± 1**		t°= (21 ± 0.2)°C RH= (51 ± 1)%
6.	**Air content of fresh mortar**	%	БДС EN 1015-7:2001	0877-0	**17.0 17.7**	**Average: 17.4 ± 0.8**	t°= (21 ± 0.2)°C RH= (51 ± 1)%
7.	**Content of water-soluble chloride**	%	БДС EN 1015-17:2004 +A1:2006	0877-0	**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

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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)

.....
(T. Dineva)

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

END

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CONSTRUCTION PRODUCT TESTING LABORATORY
2, Industrialna str., Stara Zagora

REPORT
FROM TESTING
№ 1 08 0981WA / 30.09.2019

1. Product of testing: Mortar for masonry: Webertherm Prestige 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 0.290 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	0877-0	**0.47** (cohesive fracture) **0.41** (cohesive fracture) **0.67** (cohesive fracture) **0.66** (cohesive fracture) **0.55** (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	0877-0	**0.305** **0.334** **0.349**	**Average: 0.33**	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	0877-0	**4,76.10^{-11}** **-8,72.10^{-11}**		t°= (21 ± 0.2)°C RH= (51 ± 1)%
4.	**Water permeability after weathering cycles**	ml/cm^2.48h	BDS EN 1015-21:2003	0877-0	**2.1**		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	0877-0	**1.33** (cohesive fracture) **1.21** (cohesive fracture) **1.41** (cohesive fracture) **1.40** (cohesive fracture) **1.23** (cohesive fracture)	**Average: 1.3**	t°= (21 ± 0.2)°C RH= (51 ± 1)%
6.	**Equivalent thermal conductivity**	W/mK	BDS EN 1745:2012	0877-0	**0.40**		

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

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