



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 28 3034 / 11.03.2021

1. Product of testing: Products and systems for the protection and repair of concrete structures:
„HYDROISOL - ITH“, Manufacturer: Institute of Technical Chemistry of Ural Branch of the RAS,
Acad. Korolev St., 3, 614013 Perm Russia

2. Applicant of the testing: LLC TSU RUS, Russian Federation: St. Y. Fuchik, 17-19, 115127,
Moscow, Russia

3. Application for the testing: № 2-1026 / 09.12.2020, without report from sampling from CPTL

4. Location of performance of the testing: Construction Product Testing Laboratory (CPTL)

5. Test methods:

BDS EN 1542:2002 Products and systems for the protection and repair of concrete structures - Test
methods - Measurement of bond strength by pull-off

BDS EN ISO 7783:2019 Paints and varnishes - Determination of water-vapour transmission properties -
Cup method (ISO 7783:2018)

BDS EN 1062-3:2008 Paints and varnishes - Coating materials and coating systems for exterior masonry
and concrete - Part 3: Determination of liquid water permeability

BDS EN 13687-3:2002 Products and systems for the protection and repair of concrete structures - Test
methods - Determination of thermal compatibility - Part 3: Thermal cycling without de-icing salt impact

6. Date of delivery of the sample for testing to the laboratory: 08.09.2020

7. Date/s/ of performance of the testing: 24.09.2020 ÷ 09.11.2020

For Head of laboratory:
(eng. K. Boycheva)



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 after 28 days	N/mm ²	BDS EN 1542:2002	2195-0	0.50 0.56 0.72 0.67 0.65 Average: 0.6	t = (21 ± 0.2)°C RH = (51 ± 1)%
3.	Water absorption	kg/(m ² .h ^{0.5})	BDS EN 1062-3:2008	2195-0	1.3828 1.4157 1.3996 Average: 1.40	t = (21 ± 0.2)°C RH = (51 ± 1)%
4.	Water vapour permeability	g /m ² .d	BDS EN ISO 7783:2019	2195-0	157.9	t = (21 ± 0.2)°C RH = (51 ± 1)%
5.	Adhesive after thermal compatibility	N/mm ²	BDS EN 1542:2002 BDS EN 13687-3:2002	2195-0	0	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.

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

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



For Head of Laboratory.....
(eng. K. Boycheva)

END