



SOLAR PROJECT

TEST PROTOCOL

№ 01/07.01.2020

1. Unplasticized profile sections of polyvinyl chloride (PVC-U) for the manufacture of doors and windows Profiles WP 3001, WP 3002, WP 3003
2. Applicant for testing - Weiss Profil LTD Request № 01/07.01.2020
3. Test methods:
 - BDS EN 514:2018
 - BDS EN 477:2018
 - BDS EN 479:2018
 - BDS EN ISO 179-2:2012
4. Date of receipt of the samples (samples for testing) in the laboratory 07.01.2020
5. Quantity of test samples:
 - WP 3001, WP 3002, WP 3003:
 - 3 test samples x 3 piece with a length x 250mm WP3001, WP 3002, WP 3003
 - 2 test samples x 3 piece welded corners WP3001, WP3002
 - 3 test samples x 10 piece with a length x 300mm WP3001, WP3002, WP3003
 - 2 piece sample x 10 piece with a length:(10 mm x 80 mm x 4 mm) WP3001, WP 3002
6. Date of conducting the testing 07.01.2020



7. Test results

7.1 Testings (measurements within the scope of accreditation)

No in order	Name of indicator	Units of measure	Standards (validated methods)	No of sample in ent.-out.diary	Test results (value, uncertainty)	Value and tolerance of the indicator	Test conditions
1	2	3	4	5	6	7	8
1.	Strength of welded corners and T-joints	kN	BDS EN 514:2018	01-3001 - 3 01-3002 - 3	3.0 ± 0.1 3.5 ± 0.1	≥ 3.0* ≥ 3.5	21°C 40% RH
2.	Resistance to impact of main profiles by falling mass	%	BDS EN 477:2018	01-3001 - 10 01-3002 - 10 01-3003 - 10	0 0 0	≤ 10**	21°C 40% RH
3.	Heat reversion	%	BDS EN 479:2018	01-3001 - 3T 01-3002 - 3T 01-3003 - 3T	1.07 ± 0.02 1.85 ± 0.02 1.56 ± 0.02	≤ 2***	21°C 40% RH
4.	Charpy impact strength	kJ/m2	BDS EN ISO 179-2:2012	01-3001-10Sh 01-3002-10Sh	66.68 ± 0.16 66.93 ± 0.16	≥ 60****	21°C 40% RH

* Tolerance of the metric in according to p. 5.10. from BDS EN 12608-1

** Tolerance of the metric in according to p.5.6. from BDS EN 12608-1

*** Tolerance of the metric in according to p 5.5.1 from BDS EN 12608-1

**** Tolerance of the metric in according to p.5.8 from BDS EN 12608-1

Note 1: Test results apply only to test pieces;

Note 2: The sample is provided by the customer. The laboratory is not responsible for cases where this may affect the validity of the results;

Note 3: If the report is not in its entirety, it must not be reproduced without the permission of the laboratory. This ensures that parts of the report will not be taken outside its context.

**ЛАБОРАТОРИЯ ЗА ИЗПИТВАНЕ
КЪМ СОЛАР ПРОДЖЕКТ ООД**

Сертификат рег. № 150 ЛП Валиден до 31.08.2022
Издаден от ИА БСА в съответствие с БДС EN ISO / IEC 17025:2018
ФК 7.8.1

**TEST LABORATORY
AT SOLAR PROJECT LTD**

Certificate of registration №150 TL
Valid until 31.08.2022
Released by EA BSA in accordance with BS EN ISO / IEC 17025:2018
FK 7.8.1



SOLAR PROJECT

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8. Announcement of conformity:: (Decision-making rule)

Used technical equipment for measuring:

Caliper №G 02043254 Calibration certificate №002A-Д18/2018 Metrologia Holding - next calibration date 04.01.2021

Digital thermometer to dryer „Binder” №03/TLE1005 - Calibration certificate № 834A-T-19 /08.04.2019 Metrologia Holding -next calibration date 08.04.2022

Apparatus for determining the strength of welded corners № M 01 - Calibration certificate № 0405-C-04 / 2018 Kalabsi - next calibration date 30.04. 2021

Measuring tape № P-01(ZL00333722.7) - Calibration certificate № 832A-D-19/05.04.2019 Metrologia Holding next calibration date 05.04.2022

Digital thermometer, Max/Min. - Calibration certificate № 830A-T-19/19.02.2019, Metrologia Holding next calibration date 19.02.2022

Single weight 1000g to Apparatus for determining the strength of welded corners ИД №1 - Calibration certificate № LKSIM 2102/28.02.2017г. Laboratory for calibration of mass measuring instruments – Burgas, next calibration date 23.02.2020г.

Charpy impact machine идн № 20004/2006г - № 6547.901 № 0436 – E – 04/2019“Kalabsi- next calibration date 30.04.2022г

Micrometer усл № M 01 № 829A-Д-19 Metrologia Holding - next calibration date 19.02.2022

The testing:

/eng. I.Georgieva/

Head of laboratory:

/Ph.D.eng. P.Naydenova/

