

**ЛАБОРАТОРИЯ ЗА ИЗПИТВАНЕ
КЪМ СОЛАР ПРОДЖЕКТ ООД**

Сертификат рег.№ 150 ЛИ Валиден до 01.09.2018г
Издаден от ИА БСА в съответствие с БДС EN ISO / IEC 17025
ФК 510.01

**TEST LABORATORY
AT SOLAR PROJECT LTD**

Certificate of registration №150 TL
Valid until 01.09.2018г
Released by EA BSA in accordance with BS EN ISO / IEC 17025
FK 510.01



SOLAR PROJECT

София 1220, ул. Илиенско шосе"8
тел.: 02/8109 127 02/8109 155
факс: 02/8109 131
e-mail: laboratory@solarproject.bg
www.labsp.bg

Sofia 1220, 8 "Iliensko shose" str.
tel.: +3592/8109 127 +3592/8109 155
fax: +3592/8109 131
e-mail: laboratory@solarproject.bg
www.labsp.bg

TEST PROTOCOL

№ 02/05.01.2016

- 1. Unplasticized profile sections of polyvinyl chloride (PVC-U) for the manufacture of doors and windows** Profiles WP 4001, WP 4002
- 2. Applicant for testing - Weiss Profil LTD** Request № 02/ 05.01.2016
- 3. Test methods:**
 - BDS EN 514:2004
 - BDS EN 477:2004
 - BDS EN 479:2002
 - BDS EN ISO 179-2:2012
- 4. Date of receipt of the samples (samples for testing) in the laboratory** 05.01.2016
- 5. Quantity of test samples:**
 - WP 4001, WP 4002
 - 2 test samples x 3 piece with a length x 250mm WP4001, WP4002
 - 2 test samples x 3 piece welded corners WP4001, WP2002
 - 2 test samples x 10 piece with a length x 300mm WP4001, WP4002
 - 2 piece sample x 10 piece with a length:(10 mm x 80 mm x 4 mm) WP4001, WP4002
- 6. Date of conducting the testing** 05.01.2016



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	02-4001 - 3 02-4002 - 3	4.3 ± 0.1 4.7 ± 0.1	≥ 3.0 ≥ 3.5	20°C 38% RH
2.	Resistance to impact of main profiles by falling mass	%	BDS EN 477	02-4001 - 10 02-4002 - 10	0 0	≤ 10	20°C 38% RH
3.	Heat reversion	%	BDS EN 479	02-4001 - 3T 02-4002 - 3T	1.64 ± 0.07 1.65 ± 0.07	≤ 2	20°C 38% RH
4.	Charpy impact strength	kJ/m ²	BDS EN ISO 179-2	02-4001-10Sh 02-4002-10Sh	45.33 ± 0.05 41.51 ± 0.05	≥ 20	20°C 38% RH

I. NOTE: If necessary the test protocol may include opinions and interpretations of certain tests (findings are not permitted) only in accordance with the requirements of t.5.10.5 BDS EN ISO / IEC 17025:2006./

II. NOTE: Test results relate only to test samples. Extracts from the test report may not be reproduced without written consent of the testing laboratory.

The Testing:

/eng. I.Georgieva/

Head of laboratory

/Ph.D.eng. P.Naydenova/

