

**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

Sofia1220, 8"Илиенско шосе"str.  
tel.: +3592/8109 127 +3592/8109 155  
fax: +3592/8109 131  
e-mail: laboratory@solarproject.bg  
www.labsp.bg

## **TEST PROTOCOL**

**№ 03/06.01.2016**

- 1. Unplasticized profile sections of polyvinyl chloride (PVC-U) for the manufacture of doors and windows** Profiles WP 5001, WP 5002, WP 5003
- 2. Applicant for testing - Weiss Profil LTD** Request № 03/ 06.01.2016
- 3. Test methods:**
  - EN 514:2004
  - EN 477:2004
  - EN 479:2002
  - EN ISO 179-2:2012
- 4. Date of receipt of the samples (samples for testing) in the laboratory** 06.01.2016
- 5. Quantity of test samples:**
  - WP 5001, WP 5002, WP 5003:
    - 3 test samples x 3 piece with a length x 250mm WP5001, WP 5002, WP5003
    - 2 test samples x 3 piece welded corners WP5001, WP5002
    - 3 test samples x 10 piece with a length x 300mm WP5001, WP5002, WP5003
    - 2 piece sample x 10 piece with a length:(10 mm x 80 mm x 4 mm) WP5001, WP5002
- 6. Date of conducting the testing** 06.01.2016



## 7. Test results

### 7.1 Testings (measurements within the scope of accreditation)

№ in order	Name of indicator	Units of measure	Standards (validated methods)	№ 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	EN 514	03-5001 - 3 03-5002 - 3	5.6 ± 0.1 5.5 ± 0.1	≥ 3.0 ≥ 3.5	T=20°C RH=41%
2.	Resistance to impact of main profiles by falling mass	%	EN 477	03-5001 - 10 03-5002 - 10 03-5003 - 10	0 0 0	≤ 10	T=20°C RH=41%
3.	Heat reversion	%	EN 479	03-5001 - 3 03-5002 - 3 03-5003 - 3	1.66 ± 0.07 1.35 ± 0.07 1.48 ± 0.07	≤ 2	T=20°C RH=41%
4.	Charpy impact strength	kJ/m <sup>2</sup>	EN ISO 179-2	03-5001 - 10 03-5002 - 10	67.55 ± 0.05 67.99 ± 0.05	≥ 20	T=20°C RH=41%

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 1.5.10.5 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/

