

**DECLARATION OF PERFORMANCE**  
**No. 1.06-01****1. Unique identification code of the product type:**

PVC Logicroof V-GR FB SA membrane 1,5 mm –  
declaration of performance № 1.06-01  
PVC Logicroof V-GR FB SA membrane 1,8 mm –  
declaration of performance № 1.06-01  
PVC Logicroof V-GR FB SA membrane 2,0 mm –  
declaration of performance № 1.06-01

**2. Intended use/es:**

Flexible sheets for roof waterproofing

**3. Manufacturer:**

Zavod Logicroof LLC  
Vostochny Promuzel 21, Ryazan, 390047, Russian  
Federation

**4. System/s of AVCP:**

System 2+ and 3

**5. Harmonised standard:  
Notified body/ies:**

EN 13956:2012  
1023 (INSTITUTE FOR TESTING AND  
CERTIFICATION, a.s.  
trida Tomase Bati 299, Louky, 763 02 Zlin, Czech  
Republic)



| <b>6. Declared performance Characteristics</b><br>1) md =machine direction<br>2) cmd =cross machine direction  | <b>Performance</b>   | <b>Requirement clauses in EN 13956:2012</b> | <b>Test method</b>      |
|--|--|---|-------------------------|
| <b>Reaction to fire</b><br>Logicroof V-GR FB SA 1,5 mm<br>Logicroof V-GR FB SA 1,8 mm<br>Logicroof V-GR FB SA 2,0 mm   | Class E  | 5.2.5.2                                     | EN 13501-1              |
| <b>Watertightness</b><br>Logicroof V-GR FB SA 1,5 mm<br>Logicroof V-GR FB SA 1,8 mm<br>Logicroof V-GR FB SA 2,0 mm   | Pass (24h/10 kPa)  | 5.2.3                                       | EN 1928-2 B             |
| <b>Tensile strength longitudinal (md)<sup>1)</sup> transversal (cmd)<sup>2)</sup></b><br>Logicroof V-GR FB SA 1,5 mm<br>Logicroof V-GR FB SA 1,8 mm<br>Logicroof V-GR FB SA 2,0 mm | ≥ 700 N/50 mm<br>≥ 600 N/50 mm                                     | 5.2.9                                       | EN 12311-2              |
| <b>Elongation</b><br>Logicroof V-GR FB SA 1,5 mm<br>Logicroof V-GR FB SA 1,8 mm<br>Logicroof V-GR FB SA 2,0 mm   | ≥ 150%   | 5.2.9                                       | EN 12311-2              |
| <b>Root resistance</b><br>Logicroof V-GR FB SA 1,5 mm<br>Logicroof V-GR FB SA 1,8 mm<br>Logicroof V-GR FB SA 2,0 mm  | NPD  | 5.2.13                                      | -                       |
| <b>Resistance to static load</b><br>Logicroof V-GR FB SA 1,5 mm<br>Logicroof V-GR FB SA 1,8 mm<br>Logicroof V-GR FB SA 2,0 mm  | ≥20 kg   | 5.2.11                                      | EN 12730 B              |
| <b>Resistance to impact (rigid sub.) / (soft sub.)</b><br>Logicroof V-GR FB SA 1,5 mm<br>Logicroof V-GR FB SA 1,8 mm<br>Logicroof V-GR FB SA 2,0 mm                                | ≥ 600 mm / ≥ 700 mm<br>≥ 800 mm / ≥ 1000 mm<br>≥1100 mm / ≥1500 mm | 5.2.10                                      | EN 12691                |
| <b>Tear resistance longitudinal (md)<sup>1)</sup> transversal (cmd)<sup>2)</sup></b><br>Logicroof V-GR FB SA 1,5 mm<br>Logicroof V-GR FB SA 1,8 mm<br>Logicroof V-GR FB SA 2,0 mm  | ≥ 110 N<br>≥ 110 N   | 5.2.12                                      | EN 12310-2              |
| <b>Joint peel resistance / Joint strength</b><br>Logicroof V-GR FB SA 1,5 mm<br>Logicroof V-GR FB SA 1,8 mm<br>Logicroof V-GR FB SA 2,0 mm   | ≥ 300 N/50 mm<br>≥ 600 N/50 mm                                     | 5.2.7                                       | EN 12316-2 / EN 12317-2 |
| <b>Durability</b><br>Logicroof V-GR FB SA 1,5 mm<br>Logicroof V-GR FB SA 1,8 mm<br>Logicroof V-GR FB SA 2,0 mm   | Pass (>5000 h)   | 5.2.16                                      | EN 1297                 |
| <b>Foldability</b><br>Logicroof V-GR FB SA 1,5 mm<br>Logicroof V-GR FB SA 1,8 mm<br>Logicroof V-GR FB SA 2,0 mm  | ≤ - 25°C   | 5.2.15                                      | EN 495-5                |
| <b>Dimensional stability</b><br>Logicroof V-GR FB SA 1,5 mm<br>Logicroof V-GR FB SA 1,8 mm<br>Logicroof V-GR FB SA 2,0 mm  | ≤ 0,5%   | 5.2.14                                      | EN 1107-2               |

|  |     |     |   |
|--|-----|-----|---|
| <b>Dangerous substances</b><br>Logicroof V-GR FB SA 1,5 mm<br>Logicroof V-GR FB SA 1,8 mm<br>Logicroof V-GR FB SA 2,0 mm | NPD | 5.3 | - |
|--|-----|-----|---|

Note 1 According test reports for roofing systems with PVC LOGICROOF issued by independent testing labs. Available by request.

The performance of the product identified above is in conformity with the set of declared performance/s. This declaration of performance is issued, in accordance with Regulation (EU) No 305/2011, under the sole responsibility of the manufacturer identified above.

Declaration is available on site:

[http://en.technicol.eu/materials/synthetic-membranes/logicroof-membranes/logicroof\\_v-gr\\_fb\\_sa](http://en.technicol.eu/materials/synthetic-membranes/logicroof-membranes/logicroof_v-gr_fb_sa)

Signed for and on behalf of the manufacturer by:

**Anton Taritcyn**

Product development & certification specialist

Ryazan, November 13, 2019