



**DECLARATION OF PERFORMANCE**  
**No. 1.06**

**1. Unique identification code of the product type:**

PVC Logicroof V-GR FB membrane 1,5 mm –  
declaration of performance № 1.06  
PVC Logicroof V-GR FB membrane 1,8 mm –  
declaration of performance № 1.06  
PVC Logicroof V-GR FB membrane 2,0 mm –  
declaration of performance № 1.06  
PVC Logicroof V-GR FB membrane 2,4 mm –  
declaration of performance № 1.06

**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)



| Declared performance characteristics  | Performance                    | Requirement clauses in EN 13956:2012 | Test method                |
|---|--------------------------------|--------------------------------------|----------------------------|
| md =machine direction<br>cmd =cross machine direction<br><b>Reaction to fire</b><br>Logicroof V-GR FB 1,5 mm<br>Logicroof V-GR FB 1,8 mm<br>Logicroof V-GR FB 2.0 mm<br>Logicroof V-GR FB 2.4 mm              | Class E                        | 5.2.5.2                              | EN 13501-1                 |
| <b>Watertightness</b><br>Logicroof V-GR FB 1,5 mm<br>Logicroof V-GR FB 1,8 mm<br>Logicroof V-GR FB 2.0 mm<br>Logicroof V-GR FB 2.4 mm   | Pass (24h/10 kPa)              | 5.2.3                                | EN 1928-2 B                |
| <b>Tensile strength</b><br>longitudinal (md) <sup>1)</sup><br>transversal (cmd) <sup>2)</sup><br>Logicroof V-GR FB 1,5 mm<br>Logicroof V-GR FB 1,8 mm<br>Logicroof V-GR FB 2.0 mm<br>Logicroof V-GR FB 2.4 mm | ≥ 700 N/50 mm<br>≥ 600 N/50 mm | 5.2.9                                | EN 12311-2                 |
| <b>Elongation</b><br>Logicroof V-GR FB 1,5 mm<br>Logicroof V-GR FB 1,8 mm<br>Logicroof V-GR FB 2.0 mm<br>Logicroof V-GR FB 2.4 mm   | ≥ 150%                         | 5.2.9                                | EN 12311-2                 |
| <b>Root resistance</b><br>Logicroof V-GR FB 1,5 mm<br>Logicroof V-GR FB 1,8 mm<br>Logicroof V-GR FB 2.0 mm<br>Logicroof V-GR FB 2.4 mm  | NPD                            | 5.2.13                               | -                          |
| <b>Resistance to static load</b><br>Logicroof V-GR FB 1,5 mm<br>Logicroof V-GR FB 1,8 mm<br>Logicroof V-GR FB 2.0 mm<br>Logicroof V-GR FB 2.4 mm  | ≥20 kg                         | 5.2.11                               | EN 12730 B                 |
| <b>Resistance to impact (rigid sub.) / (soft sub.)</b><br>Logicroof V-GR FB 1,5 mm<br>Logicroof V-GR FB 1,8 mm<br>Logicroof V-GR FB 2.0 mm<br>Logicroof V-GR FB 2.4 mm  | ≥ 600 mm / ≥ 700 mm            | 5.2.10                               | EN 12691                   |
| <b>Tear resistance</b><br>longitudinal (md) <sup>1)</sup><br>transversal (cmd) <sup>2)</sup><br>Logicroof V-GR FB 1,5 mm<br>Logicroof V-GR FB 1,8 mm<br>Logicroof V-GR FB 2.0 mm<br>Logicroof V-GR FB 2.4 mm  | ≥ 110 N<br>≥ 110 N             | 5.2.12                               | EN 12310-2                 |
| <b>Joint peel resistance / Joint strength</b><br>Logicroof V-GR FB 1,5 mm<br>Logicroof V-GR FB 1,8 mm<br>Logicroof V-GR FB 2.0 mm<br>Logicroof V-GR FB 2.4 mm   | ≥ 300 N/50 mm<br>≥ 600 N/50 mm | 5.2.7                                | EN 12316-2 /<br>EN 12317-2 |
| <b>Durability</b><br>Logicroof V-GR FB 1,5 mm<br>Logicroof V-GR FB 1,8 mm<br>Logicroof V-GR FB 2.0 mm   | Pass (>5000 h)                 | 5.2.16                               | EN 1297                    |