

**DECLARATION OF PERFORMANCE**  
**No. 1.01****1. Unique identification code of the product type:**

PVC Logicroof V-RP membrane 1,2 mm –  
declaration of performance № 1.01  
PVC Logicroof V-RP membrane 1,5 mm –  
declaration of performance № 1.01  
PVC Logicroof V-RP membrane 1,8 mm –  
declaration of performance № 1.01  
PVC Logicroof V-RP membrane 2,0 mm –  
declaration of performance № 1.01

**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)



6. Declared performance Characteristics 1) md =machine direction 2) cmd =cross machine direction	Performance	Requirement clauses in EN 13956:2012	Test method
<b>Reaction to fire</b> Logicroof V-RP 1,2 mm Logicroof V-RP 1,5 mm Logicroof V-RP 1,8 mm Logicroof V-RP 2,0 mm	Class E	5.2.5.2	EN 13501-1
<b>Watertightness</b> Logicroof V-RP 1,2 mm Logicroof V-RP 1,5 mm Logicroof V-RP 1,8 mm Logicroof V-RP 2,0 mm	Pass (24h/10 kPa)	5.2.3	EN 1928-2 B
<b>Tensile strength</b> <b>longitudinal (md)<sup>1)</sup></b> <b>transversal (cmd)<sup>2)</sup></b> Logicroof V-RP 1,2 mm Logicroof V-RP 1,5 mm Logicroof V-RP 1,8 mm Logicroof V-RP 2,0 mm	≥ 1100 N/50 mm ≥ 1000 N/50 mm	5.2.9	EN 12311-2
<b>Elongation</b> <b>longitudinal (md)<sup>1)</sup></b> <b>transversal (cmd)<sup>2)</sup></b> Logicroof V-RP 1,2 mm Logicroof V-RP 1,5 mm Logicroof V-RP 1,8 mm Logicroof V-RP 2,0 mm	≥ 15% ≥ 15%	5.2.9	EN 12311-2
<b>Root resistance</b> Logicroof V-RP 1,2 mm Logicroof V-RP 1,5 mm Logicroof V-RP 1,8 mm Logicroof V-RP 2,0 mm	NPD	5.2.13	-
<b>Resistance to static load</b> Logicroof V-RP 1,2 mm Logicroof V-RP 1,5 mm Logicroof V-RP 1,8 mm Logicroof V-RP 2,0 mm	≥20 kg	5.2.11	EN 12730 B
<b>Resistance to impact (rigid sub.) / (soft sub.)</b> Logicroof V-RP 1,2 mm Logicroof V-RP 1,5 mm Logicroof V-RP 1,8 mm Logicroof V-RP 2,0 mm	≥ 450 mm / ≥ 700 mm ≥ 800 mm / ≥ 1000 mm ≥1000 mm/≥1500 mm ≥1250 mm/≥1800 mm	5.2.10	EN 12691
<b>Tear resistance</b> <b>longitudinal (md)<sup>1)</sup></b> <b>transversal (cmd)<sup>2)</sup></b> Logicroof V-RP 1,2 mm Logicroof V-RP 1,5 mm Logicroof V-RP 1,8 mm Logicroof V-RP 2,0 mm	≥ 180 N ≥ 180 N	5.2.12	EN 12310-2
<b>Joint peel resistance / Joint strength</b> Logicroof V-RP 1,2 mm Logicroof V-RP 1,5 mm Logicroof V-RP 1,8 mm Logicroof V-RP 2,0 mm	≥ 300 N/50 mm / ≥ 1000 N/50 mm	5.2.7	EN 12316-2 / EN 12317-2
<b>Durability</b> Logicroof V-RP 1,2 mm	Pass (>5000 h)	5.2.16	EN 1297

Logicroof V-RP 1,5 mm Logicroof V-RP 1,8 mm Logicroof V-RP 2,0 mm			
<b>Foldability</b> Logicroof V-RP 1,2 mm Logicroof V-RP 1,5 mm Logicroof V-RP 1,8 mm Logicroof V-RP 2,0 mm	≥ - 30°C	5.2.15	EN 495-5
<b>Dimensional stability</b> Logicroof V-RP 1,2 mm Logicroof V-RP 1,5 mm Logicroof V-RP 1,8 mm Logicroof V-RP 2,0 mm	≤ 0,5%	5.2.14	EN 1107-2
<b>External fire performance</b> Logicroof V-RP 1,2 mm Logicroof V-RP 1,5 mm Logicroof V-RP 1,8 mm Logicroof V-RP 2,0 mm	Broof (t1), (t2), (t3)	5.2.5.1 Note 1	EN 13501-5 ENV 1187
<b>Dangerous substances</b> Logicroof V-RP 1,2 mm Logicroof V-RP 1,5 mm Logicroof V-RP 1,8 mm Logicroof V-RP 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.  
Note 2 Available LOGICROOF with white, green, blue and red color of surface.

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-rp](http://en.technicol.eu/materials/synthetic-membranes/logicroof-membranes/logicroof_v-rp)

Signed for and on behalf of the manufacturer by:

**Anton Taritcyn**

Product development & certification specialist



Ryazan, March 4, 2021