# DECLARATION OF PERFORMANCE

## NUMBER: 5104418001

# FATRAFOL 810/V

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|---|---|---|
| 1. | Unique identification code of the product type | FATRAFOL 810/V |
| | Serial number | T1 |
| 2. | Intended use of the construction product | Waterproofing membrane based on softened polyvinyl chloride (PVC-P) reinforces with a PES gird for mechanically anchored waterproofing systems |
| 3. | Manufacturer | Fatra, a.s.<br>třída Tomáše Bati 1541<br>763 61 Napajedla<br>IČ: 27465021 DIČ: CZ27465021 |
| 4. | Authorised representative | Is not relevant |
| 5. | System of assessment and verification of constancy of performance | 2+ |
| 6. | Harmonised norm | EN 13956:2012 |
| | Notified body | Centrum stavebního inženýrství a.s.<br>K Cihelně 304<br>764 32 Zlín – Louky<br>IČ: 45274860 DIČ: CZ45274860<br>Notified body no. 1390 |
| 7. | European assessment document | Is not relevant, the harmonised norm applies to the product |

## DECLARED PERFORMANCE

| Parameter | Value | Norm |
|---|---|---|
| Thickness | 1,20 1,50 1,80 2,00 mm | EN 1849-2 |
| External fire performance* | NPD | EN 13501-5 |
| Reaction to fire | class E | EN 13501-1 |
| Watertightness, 400 kPa | pass | EN 1928<br>method B |
| Maximum tensile force<br>longitudinal direction<br>cross direction | <br>≥ 1000 N/50 mm<br>≥ 1000 N/50 mm | EN 12311-2<br>method A |

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| | | |
|---|---|---|
| Elongation at maximum tensile force<br>longitudinal direction<br>cross direction | <br>⩾ 15 %<br>⩾ 20 % | <br>EN 12311-2<br>method A |
| Resistance to root penetration | pass | EN 13948<br>FLL test |
| Resistance to static load | ⩾ 20 kg | EN 12730<br>method B |
| Impact resistance<br>thickness 1,20 mm<br>thickness 1,50 mm – 2,00 mm | <br>⩾ 1000 mm<br>⩾ 1250 mm | <br>EN 12691<br>method A |
| Impact resistance | ⩾ 2000 mm | EN 12691<br>method B |
| Tear resistance<br>longitudinal direction<br>cross direction | <br>⩾ 200 N<br>⩾ 220 N | <br>EN 12310-2 |
| Joint shear resistance<br>longitudinal direction<br>cross direction | <br>⩾ 1000 N/50 mm<br>⩾ 1000 N/50 mm | <br>EN 12317-2 |
| Joint peel resistance | ⩾ 260 N/50 mm | EN 12316-2 |
| Foldability at low temperature | ⩽ -25 °C | EN 495-5 |
| Exposure to UV radiation, elevated temperature and water | pass, grade 0 | EN 1297 |

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

Signed for and on behalf of the manufacturer by

Fatra, a.s. 024
třída Tomáše Bati 1541
763 61 Napajedla

Ing. Michaela Bartuňková
technician – quality
Napajedla, 13.11.2023

NPD = not performance determined

* The membrane can be used in roof compositions with the classification of class $B_{ROOF}(t1)$ according to behaviour when exposed to external fire; protocols on request.