



DECLARATION OF PERFORMANCE No 189/IZOB/2025

1. Unique identification code of the product-type: **SBS-modified bitumen torch-on cap sheet**
IZOBIT OPTIMA 52 DUO

2. Intended use or uses:

- a. **Waterproofing of roofs, subject to reaction to fire testing**
- b. **Waterproofing of roofs**
- c. **Waterproofing of roofs, subject to external fire exposure testing**

3. Manufacturer:

Izobud Sp. z o.o., ul. Leśna 4, Łąki Kozielskie, 47-150 Leśnica, Poland

4. Systems of assessment and verification of constancy of performance:

System 2+ for application type: b System 3 for application type: a, c

5. Harmonized standard:

EN 13707:2004+A2:2009

Notified body:

1023, 1488, 1454

6. Declared performance:

| <i>Essential characteristics</i> | <i>Performance characteristics</i> | | | <i>Harmonized standard</i> |
|---|---|----------------------|------------------------------------|-----------------------------------|
| Watertightness | (method B) | | 10 kPa | EN 13707:2004+A2:2009 |
| Reaction to fire | | | class E | |
| External fire performance | | | Broof (t1); Broof (t2); Broof (t3) | |
| Flexibility at low temperature | top / bottom | | ≤-20°C / ≤-10°C | |
| Resistance to root penetration | | | NPD | |
| Resistance to static loading | (method A) | | up to 20 kg | |
| Resistance to impact | (method A, method B) | | 2000 mm | |
| Tensile strength | max. tensile strength | longitudinal | 900 (± 300) N/50 mm | |
| | | transverse | 700 (± 300) N/50 mm | |
| | elongation at max. tensile strength | longitudinal | 50 (± 30) % | |
| | | transverse | 50 (± 30) % | |
| Joint strength | shear resistance | longitudinal overlap | 650 (± 300) N/50 mm | |
| | | transverse overlap | 850 (± 300) N/50 mm | |
| | peel resistance | longitudinal overlap | 150 (± 100) N/50 mm | |
| | | transverse overlap | 150 (± 100) N/50 mm | |
| Harmful substances | | | does not contain | |
| Resistance to tearing | nail | longitudinal | 200 (± 100) N | |
| | | transverse | 200 (± 100) N | |
| Durability | flexibility at low temperature; top / bottom | | +100 (± 10) °C / +100 (± 10) °C | |

7. The performance of the product above is in accordance with the declared product characteristics. The Declaration of Performance in accordance with Regulation (EU) No 305/2011 is the sole responsibility of the manufacturer named above.

In the name of the producer signed by:

Mr. Joachim Sekler

»IZOBUD« Sp. z o.o.
CZŁONEK ZARZĄDU
Joachim Sekler

Łąki Kozielskie, 10.04.2025