

**Product Data Sheet**

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ul. Łaska 169/197  
Poland



## Icopal P Base 30 Speed Profile SBS

**1. Product trade name:** Base bitumen sheet Icopal P Base 30 Speed Profile SBS

**2. Technical specification:**

PN-EN 13707 + A2:2012 IDT. EN 13707:2004 + A2:2009

Flexible sheets for waterproofing – Reinforced bitumen sheets for roof waterproofing –  
Definitions and characteristics

PN-EN 13969:2006 + PN-EN 13969:2006/A1:2007 IDT. EN 13969:2004 + EN 13969:2004/A1:2006  
Flexible sheets for waterproofing – Bitumen damp proof sheets including bitumen basement  
tanking sheets – Definitions and characteristics

**3. Manufacturer:** ICOPAL Sp. z o.o., 98-220 Zduńska Wola ul. Łaska 169/197, Poland

**4. Description of the product:**

base bitumen sheet with polyester fleece reinforcement, coated with SBS modified bitumen with mineral filler, top side is finished with sand, bottom side is profiled and finished with foil.  
The sheet is produced on the basis of “SPEED PROFILE SBS” technology.

**5. Type of application:** base layer, for multilayer applications in roof waterproofing and, as Type T for damp proof insulations in wall constructions or on or under floors or ground slabs to prevent liquid water under hydrostatic pressure passing from the ground into the internal environment or from one section of the structure to another.

**6. Method of application:** torch applied.

**7. Information for users:**

Conditions of application:

the roofing sheet should be applied on a roof when the temperature does not fall below 0°C. It should not be applied: on a wet roof surface, on a roof covered with ice, during rain or snow falls or during strong wind.

Conditions of usage:

waterproofing made with the use of Icopal P Base 30 Speed Profile SBS should be done according to a technical project complying with binding building regulations and detailed guidelines included in the manual issued by the producer.

Storage:

the rolls should be stored in rooms and should be protected against moisture and exposure to sunlight or source of heat. The rolls should be stored on an even surface in upright position, in one layer.

Transport:

the rolls should be transported in covered trucks, in upright position in one layer, protected against falling over and any other damage. Rolls should be placed in a way preventing their dislocation during transport



### 8. Product performance:

|     | Characteristic   |   | Test method/<br>Classification   | Units             | Value or statement  |
|-----|--|---|----------------------------------|-------------------|---|
| 1.  | Visible defects  |   | EN 1850-1                        | -----             | no visible defects  |
| 2.  | Length (*)   |   | EN 1848-1                        | m                 | ≥ 12  |
| 3.  | Width (*)  |   | EN 1848-1                        | m                 | ≥ 1   |
| 4.  | Straightness   |   | EN 1848-1                        | -----             | deviation: ≤24 mm / 12 m<br>or proportional for other lengths |
| 5.  | Mass   |   | EN 1849-1                        | kg/m <sup>2</sup> | 3,1 ± 0,1   |
| 6.  | Watertightness   |   | EN 1928<br>Method B              | -----             | resistant to 60 kPa   |
| 7.  | Durability   | Watertightness after<br>artificial ageing | EN 1296<br>EN 1928<br>Method B   | -----             | resistant to 60 kPa   |
|     |  | Chemical resistance                       | -----                            | -----             | according to<br>Annex A; EN 13969                             |
| 8.  | Reaction to fire   |   | EN 13501-1                       | -----             | NPD   |
| 9.  | Joint strength<br>-longitudinal direction,<br>-transverse direction                                  |   | EN 12317-1                       | N/50 mm           | 450 ± 150<br>550 ± 150  |
| 10. | Tensile properties: maximum<br>tensile strength<br>-longitudinal direction,<br>-transverse direction |   | EN 12311-1                       | N/50 mm           | 550 ± 150<br>450 ± 150  |
| 11. | Tensile properties: elongation<br>-longitudinal direction,<br>-transverse direction                  |   | EN 12311-1                       | %                 | 40 ± 10<br>40 ± 10  |
| 12. | Resistance to tearing<br>(nail shrank)<br>-longitudinal direction,<br>-transverse direction          |   | EN 12310-1                       | N                 | 150 ± 50<br>150 ± 50  |
| 13. | Resistance to impact   |   | EN 12691<br>Method A<br>Method B | mm                | 400<br>NPD  |
| 14. | Resistance to static loading   |   | EN 12730<br>Method B             | kg                | 5   |
| 15. | Flexibility at low temperature   |   | EN 1109                          | °C                | -10 / Ø30 mm  |
| 16. | Flow resistance at elevated<br>temperature   |   | EN 1110                          | °C                | 90  |
| 17. | Water vapour transmission<br>properties  |   | EN 13707                         | -----             | μ=20 000  |

(\*) there is a possibility to produce the sheet of different length and/or width on condition that the length and/ or width specified in tests is not lower than declared.