

**Product Data Sheet**

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**BMI Icopal Sp. z o.o.**  
98-220 Zduńska Wola  
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:** BMI 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:

	<b>Characteristic</b>		<b>Test method/ Classification</b>	<b>Units</b>	<b>Value or statement</b>
1.	Visible defects		EN 1850-1	----	no visible defects
2.	Length (*)		EN 1848-1	m	≥ 12
3.	Width (*)		EN 1848-1	m	≥ 0,99 (1,00 ± 0,01)
4.	Straightness		EN 1848-1	----	deviation: ≤24 mm / 12 m or proportional for other lengths
5.	Mass		EN 1849-1	kg/m <sup>2</sup>	3,1 ± 0,1
6.	Watertightness		EN 1928	----	watertight
7.	Durability	Watertightness after artificial ageing	EN 1296 EN 1928	----	watertight
		Chemical resistance	----	-----	according to Annex A; EN 13969
8.	Reaction to fire		EN 13501-1	----	Class E
9.	Joint strength -longitudinal direction, -transverse direction		EN 12317-1	N/50 mm	450 ± 150 550 ± 150
10.	Tensile properties: maximum tensile strength -longitudinal direction, -transverse direction		EN 12311-1	N/50 mm	550 ± 150 450 ± 150
11.	Tensile properties: elongation -longitudinal direction, -transverse direction		EN 12311-1	%	40 ± 10 40 ± 10
12.	Resistance to tearing (nail shank) -longitudinal direction, -transverse direction		EN 12310-1	N	200 ± 100 200 ± 100
13.	Resistance to impact		EN 12691 Method A Method B	mm	400 NPD
14.	Resistance to static loading		EN 12730 Method B	kg	5
15.	Flexibility at low temperature		EN 1109	°C	-10 / Ø30 mm
16.	Flow resistance at elevated temperature		EN 1110	°C	90
17.	Water vapour transmission 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.