

**Product Data Sheet**

No.: IT-14/2013/eng rev.4

Date: 16.02.2018

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**Icopal Sp. z o.o.**  
**98-220 Zduńska Wola**  
**ul. Łaska 169/197**  
**Poland****Fundament 4,0 Szybki Profil SBS****1. Product trade name:** Bitumen sheet

Fundament 4,0 Szybki Profil SBS

**2. Technical specification:**

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:**

rubber-resin-bitumen, type T sheet, based on polyester fleece reinforcement 250 g/m<sup>2</sup>, with elastomer modified bitumen and additives protecting against biological corrosion and root penetration. Top side is finished with foil, bottom side is profiled in “SBS SPEED PROFILE” technology.

**5. Type of application:** torchable, for damp proof insulations in wall constructions or on or under floors or ground slabs to prevent from water exerting 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 Fundament 4,0 Szybki Profil 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.

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**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	≥ 7,5
3.	Width (*)		EN 1848-1	m	≥ 0,99 (1,00 ± 0,01)
4.	Straightness		EN 1848-1	----	deviation: ≤ 15 mm / 7,5 m or proportional for other lengths
5.	Thickness		EN 1849-1	mm	4,0 (-0 / +0,4) / (4,0 ÷ 4,4)
6.	Watertightness		EN 1928 Method B	----	resistant to 200 kPa
7.	Reaction to fire		EN 13501-1	----	NPD
8.	Tensile properties: maximum tensile strength -longitudinal direction, -transverse direction		EN 12311-1	N/50 mm	950 (-0 / +350) / (950 ÷ 1300) 750 (-0 / +350) / (750 ÷ 1100)
9.	Tensile properties: elongation -longitudinal direction, -transverse direction		EN 12311-1	%	50 ± 15 50 ± 15
10	Resistance to tearing (nail shrank) -longitudinal direction, -transverse direction		EN 12310-1	N	350 ± 100 350 ± 100
11.	Resistance to static loading		EN 12730 Method B	kg	20
12.	Resistance to impact		EN 12691 Method A Method B	mm	1500 2000
13.	Joint strength -longitudinal direction, -transverse direction		EN 12317-1	N/50 mm	800 (-100 / +200) 1000 (-100 / +200)
14.	Flexibility at low temperature		EN 1109	°C	≤ -12 / Ø30 mm
15.	Durability	Watertightness after artificial ageing	EN 1296 EN 1928 Method B	----	resistant to 200 kPa
		Chemical resistance	----	-----	according to Annex A; PN-EN 13969:2006+ PN-EN 13969:2006/A1:2007

(\*) 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