

Icopal PA Top 45 ww Speed Profile SBS

1. Product trade name: Top bitumen sheet

Icopal PA Top 45 ww 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

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

4. Description of the product:

Bitumen sheet with special polyester fleece reinforcement with spiral fibers, stabilized with weaved glass net, coated with SBS modified bitumen with mineral filler.

Top side is finished with hydrophobized slate and with ca. 80 mm foil selvedge, bottom side is made according to Icopal Group technology: Speed Profile SBS, protected on the top waves of profiles with thin, fine HDPE (6 µm) foil.

5. Type of application: top layer, for multilayer applications in roof waterproofing

6. Method of application: torch applied with propane - butane burner.

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 PA Top 45 ww 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/ Classification	Units	Value or statement
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	----	pass
5.	Mass per unit area	EN 1849-1	kg/m ²	4,5 ± 0,3 // (4,2 – 4,8)
6.	Watertightness	EN 1928	----	watertight
7.	Reaction to fire	EN 13501-1	----	Class E Difficult flammable
8.	Tensile properties: maximum tensile strength -longitudinal direction, -transverse direction	EN 12311-1	N/50 mm	750 ±250 // (500 – 1000) 550 ±200 // (350 – 750)
9.	Tensile properties: elongation -longitudinal direction, -transverse direction	EN 12311-1	%	45 ±15 // (30 – 60) 45 ±15 // (30 – 60)
10.	Dimensional stability	EN 1107-1 Method A	%	≤ 0,3
11.	Flexibility at low temperature	GOST standard Russia EN 1109	°C	-17 / mandrel R25 mm -15 / mandrel Ø30 mm
12.	Flow resistance at elevated temperature	EN 1110	°C	90
13.	Artificial ageing by long term exposure to elevated temperature	EN 1110 EN 1296	°C	110 ± 15
14.	Adhesion of granules	EN 12039	%	7 ± 5
15.	Water vapour transmission properties	EN 13707	----	μ=20 000
16.	External fire performance	EN 13501-5	----	Broof (t1) Broof (t2)