

Product Data Sheet

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Icopal Sp. z o.o.
98-220 Zduńska Wola
ul. Łaska 169/197
Poland



FireSmart Duo-Top 5,0 Szybki Profil SBS

1. Product trade name: Top bitumen sheet

FireSmart Duo-Top 5,0 Szybki Profil 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

3. Manufacturer: ICOPAL Sp. z o.o., 98-220 Zduńska Wola ul. Łaska 169/197, Poland**4. Description of the product:**

sheet with glass composite reinforcement, coated with SBS modified bitumen with mineral filler, top side is finished with slate and with ca. 80 mm foil selvedge, bottom side is profiled and finished with foil. The sheet is produced on the basis of "Speed Profile SBS" technology.

5. Type of application: top layer, for applications in roof waterproofing with base sheet FireSmart Duo-Baza 4,0 Szybki Profil SBS.**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 FireSmart Duo-Top 5,0 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.



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	≥ 5,0
3.	Width (*)	EN 1848-1	m	≥1,00
4.	Straightness	EN 1848-1	----	deviation: ≤10 mm / 5 m or proportional for other lengths
5.	Thickness	EN 1849-1	mm	5,0 +/- 6,2%
6.	Watertightness	EN 1928 Method B	----	resistant to 60 kPa
7.	Reaction to fire	EN 13501-1	----	Class E
8.	Tensile properties: maximum tensile strength -longitudinal direction, -transverse direction	EN 12311-1	N/50 mm	1000 ± 200 1000 ± 200
9.	Tensile properties: elongation -longitudinal direction, -transverse direction	EN 12311-1	%	7 ± 3 6 ± 3
10.	Flexibility at low temperature	EN 1109	°C	-25 /Ø30 mm
11.	Flow resistance at elevated temperature	EN 1110	°C	100
12.	Artificial ageing by long term exposure to elevated temperature	EN 1109 EN 1296	°C	-20 ± 5
13.	Adhesion of granules	EN 12039	%	10 ± 10
14.	Water vapour transmission properties	EN 13707	----	μ=20 000
15.	External fire performance	EN 13501-5	----	B _{ROOF} (t1)

(*) 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