

**Product data sheet**

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BMI Icopal Sp. z o.o.

98-220 Zduńska Wola

ul. Łaska 169/197

Poland



## VEDAFLOOR WF 5

**1. Product trade name:** Bitumen sheet VEDAFLOOR WF 5

**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:**

sheet with polyester fleece reinforcement, coated with bitumen layer: SBS modified bitumen with  
mineral filler, with additives protected against the root plant overgrowth.Top side is finished with slate and with ca. 80 mm foil selvedge, bottom side is profiled and finished  
with foil.

**5. Type of application:** top, waterproof layer for multilayer applications in roof gardens.

Sheet is resistant to root overgrowth.

**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 VEDAFLOOR WF 5 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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**BMI Icopal Sp. z o.o.****98-220 Zduńska Wola****ul. Łaska 169/197****Poland****8. Product performance:**

|     | <b>Characteristic</b>  | <b>Test method/<br/>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            | ≥ 5,0  |
| 3.  | Width (*)  | EN 1848-1                              | m            | ≥ 0,99<br>(1,00 ± 0,01)                                      |
| 4.  | Straightness   | EN 1848-1                              | ----         | deviation: ≤10 mm / 5 m<br>or proportional for other lengths |
| 5.  | Thickness  | EN 1849-1                              | mm           | 5,2 ± 0,2  |
| 6.  | Watertightness   | EN 1928                                | ----         | watertight   |
| 7.  | Reaction to fire   | EN 13501-1                             | ----         | Class E  |
| 8.  | Joint strength<br>-longitudinal direction,<br>-transverse direction                                  | EN 12317-1                             | N/50 mm      | 900 ± 200<br>1000 ± 200                                      |
| 9.  | Tensile properties: maximum<br>tensile strength<br>-longitudinal direction,<br>-transverse direction | EN 12311-1                             | N/50 mm      | 1100 ± 200<br>900 ± 200                                      |
| 10. | Tensile properties: elongation<br>-longitudinal direction,<br>-transverse direction                  | EN 12311-1                             | %            | 50 ± 10<br>50 ± 10   |
| 11. | Resistance to impact   | EN 12691<br>Method A<br>Method B       | mm           | 2000<br>2000   |
| 12. | Resistance to static loading   | EN 12730<br>Method B                   | kg           | 20   |
| 13. | Flexibility at low temperature   | EN 1109                                | °C           | - 25 /Ø30 mm   |
| 14. | Flow resistance at elevated<br>temperature   | EN 1110                                | °C           | 100  |
| 15. | Dimensional stability  | EN 1107-1<br>Method A                  | %            | ≤ 0,5  |
| 16. | Resistance to root penetration   | EN 13948                               | ----         | resistant  |
| 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