

Product Data Sheet

No.: IT-19/2013/eng rev.2

Date: 20.02.2017

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Icopal Sp. z o.o.
98-220 Zduńska Wola
ul. Łaska 169/197
Poland**Icopal Top PYE PV250 S 5,2ww ST Szybki Profil SBS****1. Product trade name:** Top bitumen sheet

Icopal Top PYE PV250 S 5,2ww ST 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 –
Definitions and characteristics**3. Manufacturer:** ICOPAL Sp. z o.o., 98-220 Zduńska Wola, ul. Łaska 169/197, Poland**4. Description of the product:**

sheet with polyester fleece reinforcement (reinforced and stabilized with glass net), 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" technology.

5. Type of application: top layer, for single -or multilayer applications in roof waterproofing**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 Top PYE PV250 S 5,2ww ST 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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| | Characteristic | Test method/ Classification | Units | Value or statement |
|-----|--|----------------------------------|---------|--|
| 1. | Visible defects | EN 1850-1 | ----- | non visible defects |
| 2. | Length (*) | EN 1848-1 | m | ≥ 5,0 |
| 3. | Width (*) | EN 1848-1 | m | ≥ 0,99 (1,00±0,01) |
| 4. | Straightness | EN 1848-1 | ----- | deviation: ≤10 mm / 5 m or proportional for other lengths |
| 5. | Thickness | EN 1849-1 | mm | 5,2 ± 6,2% |
| 6. | Watertightness | EN 1928 Method A | ----- | resistant to 10 kPa |
| 7. | Reaction to fire | EN 13501-1 | ----- | Class E |
| 8. | Shear resistance of joints -longitudinal direction, -transverse direction | EN 12317-1 | N/50 mm | 800 ± 300 1100 ± 300 |
| 9. | Tensile properties: maximum tensile strength -longitudinal direction, -transverse direction | EN 12311-1 | N/50 mm | 1100 ± 300 800 ± 300 |
| 10. | Tensile properties: elongation -longitudinal direction, -transverse direction | EN 12311-1 | % | 6 ± 3 6 ± 3 |
| 11. | Resistance to impact | EN 12691 Method A Method B | mm | 1250 NPD |
| 12. | Resistance to static loading | EN 12730 Method A | kg | 20 |
| 13. | Dimensional stability | EN 1107-1 Method A | % | ≤ 0,2 |
| 14. | Flexibility at low temperature | EN 1109 | °C | -15 /Ø30 mm |
| 15. | Flow resistance at elevated temperature | EN 1110 | °C | 90 |
| 16. | Artificial ageing by long term exposure to elevated temperature | EN 1109 EN 1296 | °C | -10 ± 5 |
| 17. | Adhesion of granules | EN 12039 | % | 10 ± 10 |
| 18. | 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.