



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: 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 | ≥ 1,00 |
| 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 | ----- | pass |
| 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 ±200 // (550 – 950) 550 ±200 // (350 – 750) |
| 9. | Tensile properties: elongation -longitudinal direction, -transverse direction | EN 12311-1 | % | 45 ±10 // (35 – 55) 45 ±10 // (35 – 55) |
| 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 1109 EN 1296 | °C | -10 ± 5 |
| 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) |