



## UNDERLAY PRO (S) 500 stick

SBS-modified bitumen polyester reinforced ultralight underlay membrane for pitched roofs (with mechanical fixation)



### AREA OF APPLICATION:

SBS-modified bitumen membrane UNDERLAY PRO (S) 500 stick is used as an underlayment for roofing shingles in systems of pitched roofs with mechanical fixation (nailing). The material is installed on the continuous rigid wood decking (OSB-3, plywood, tongue or groove planks). Cannot be used in zones of valleys and eaves as these areas are most prone to leakages and require the application of self-adhesive membrane.

### DESCRIPTION:

UNDERLAY PRO (S) 500 stick is an SBS modified bitumen membrane reinforced with polyester. The bottom side of the material is covered with fine-grained sand, the top one – with spunbond that prevents applicators from slipping from the pitched roof. Ultralight weight of the membrane makes application on the roof slope easier and safer. The high-quality polymer-bitumen compound has the property of selfhealing, which grants absolute tightness in places of nail penetration. On the both sides of the material there are longitudinal thermoactive bitumen overlap strips for increased convenience and speed of application.



### ADVANTAGES:

- The bottom side of the material is covered with fine-grained sand, the top one – with spunbond that prevents applicators from slipping;
- Ultralight weight of the membrane makes application on the roof slope easier and safer.

### HARMONISED STANDARD:

EN 13707:2004+A2:2009  
 EN 13859-1:2010

### PERFORMANCE AND KEY PROPERTIES:

Properties	Unit of measure	Test Method	UNDERLAY PRO (S) 500 stick
Length x width	m	EN 1848-1	25 x 1
Mass per unit area	kg/m <sup>2</sup>	EN 1849-1	0.5±0.1
Flexibility at low temperatures (R=15 mm)	°C	EN 1109	≤ -20
Flow resistance at elevated temperature, L/T	°C	EN 1110	≥ +120
Elongation L / T	%	EN 12311-1	30
Tear resistance L / T	N	EN 12311-1	400/400
Protective covering type on the top / on the bottom	-	-	spunbond / sand

### LOGISTICS DATA:

Properties	Unit of measure	Quantity / roll	Quantity / pallet	Quantity / van
Quantity	m <sup>2</sup>	25	825	27 225
Mass	kg	12.50	437.5 (gross)	1 4437.5

### STORAGE AND TRANSPORTATION:

Rolls of the material should be stored indoors in a dry place in their original packaging and taken to the construction site ready to use. Rolls should be stored upright on pallets in a 1-row height. Storage of rolls in a horizontal position is prohibited. Falls or other mechanical impacts should be avoided during transportation and storage. Shelf life if all storage requirements are met: 18 months from the date of production.