PRODUCT TECHNICAL DATA SHEET
No. 100 - 25
Jun 2025

JSC "Mida LT"
Gamyklos 19, Gargzdai, Lithuania

GENERAL INFORMATION

PRODUCT: Bitumen shingles **SONATA QUADRILLE SBS 6S4E21**
Made of SBS polymer-modified bitumen.

Produced according to requirements: EN 544:2011 Bitumen shingles with mineral and/or synthetic reinforcements - Product specification and test methods.

MANUFACTURER: JSC "Mida LT", Gamyklos 19, Gargzdai
ORIGIN: Lithuania

INTENDED USE: Discontinuously laid roof covering for buildings.
The bitumen shingles are tiled on pitched roofs with the inclination of ≥12°.
The bitumen shingles are used for installation of the new roofs and reconstruction of the old ones.

METHOD OF APPLICATION: On the smooth and continuous basis of pitched roofs fastens mechanically with roofing nails according to manufacturer installation instruction.

TECHNICAL DATA:

Characteristics	Test method in the EN 544 or other standards	Units	Requirements	Value or statement	Declarated tolerances
Mass of bitumen	6.2	g/m²	≥ 1300	≥ 1300	
Height (H)	6.3	mm	minimum 250	317	± 3,0
Width (W)	6.3	mm	maximum 1200	1000	± 3,0
Tensile strength: in the direction of the shingle width in the direction of the shingle height	EN 12311-1	N/50 mm	 ≥ 600 ≥ 400	 850 600	 ± 200 ± 200
Resistance to tearing (nail shank)	EN 12310-1	N	≥ 100	220	± 100
Water absorption	6.4.3	%	< 2	≤1,5	
Resistance to UV radiation	EN 1297		60 cycles	Pass 60 cycles	
Blistering	6.4.5		Pass	Pass	
Flow resistance at elevated temperature	EN 1110	°C	≤2 mm at 90 °C	Pass at 100ºC	
Adhesion of granules and flakes of slate	EN 12039	g	≤2,5	≤1,5	
External fire performance	ENV 1187	–	In accordance with EN 13501-5+A1	B_{ROOF}(t1) *	
Reaction to fire	EN 13501-1	–	EN 13501-1+A1	E	

* Refer to FIRE RESEARCH CENTRE Reaction to fire testing division, notified body 1796, external fire exposure to roofs classification report.

REFERENCES OF MANUFACTURER:
The packages with shingles should be stored and transported in horizontal position are combined on pallets and should be protected against moisture, heat and mechanical damage.
The minimal temperature of installation is 6 °C.
In the cold season, the packages with shingles should be kept in a warm, dry place at the temperature more than +20°C for not less than 24 hours before use.
When using bitumen fixing mastic, please apply it in thin layer not exceeding 1 mm in thickness.