

**PRODUCT TECHNICAL
DATA SHEET
No. 08- 5
January 2023**



JSC "Mida LT"
Gamyklos 19, Gargzdai

Characteristics of the product: MIDA TECHNOELAST PV S5b – is elastomeric bitumen sheeting, manufactured in accordance with the requirements of EN 13707:2004+A2:2009.

Reinforced with non - woven polyester mat. The upper surface is covered with mineral coarse slate granules, the underside is protected with a smooth polymeric film. It is torchable material, intended to be used for top layers, not for single layers or roof gardens.

MIDA TECHNOELAST PV S5b. Technical data

Characteristics	Test method / (classification)	Units	Expression of result ^a	Value or statement	Declared tolerances
Visible defects	EN 1850-1	–	Visible defects	-	
Length	EN 1848-1	m	MLV	5,0	
Width	EN 1848-1	m	MLV	1,0	
Straightness	EN 1848-1	–	Pass	≤ 10mm	
Mass per unit area	EN 1849-1	kg/m ²	MDV	6,3	± 0,25
Thickness	EN 1849-1	mm	MDV	5,2	± 0,2
Watertightness	EN 1928, Method B	kPa	Pass	Pass at 300	
Watertightness after stretching at low temperature	EN 13897	%	MLV	-	
External fire performance	CEN/TS 1187	–	EN 13501-5	B _{ROOF} (t1) *	
Reaction to fire	EN 11925-2	–	EN 13501-1+A1	E	
Peel resistance of joint	EN 12316-1	N/50 mm	MDV	-	
Joint strength (Shear resistance)	EN 12317-1	N/50 mm	MDV	-	
Tensile properties: maximum tensile force	EN 12311-1	N/50 mm	MDV	1000 / 900	± 200
Tensile properties: elongation	EN 12311-1	%	MDV	40 / 40	± 20
Resistance to impact	EN 12691	mm	MLV	-	
Resistance to static loading	EN 12730	kg	MLV	-	
Resistance to tearing (nail shank)	EN 12310-1	N	MDV	400	±100
Resistance to root penetration	EN 13948	–	Pass	–	
Dimensional stability	EN 1107-1	%	MLV	≤ 0,5	
Form stability under cyclic temperature change	EN 1108	mm	MLV	-	
Flexibility at low temperature	EN 1109	°C	MLV	- 25	
Flow resistance at elevated temperature	EN 1110	°C	MLV	+100	
Artificial ageing by long term exposure to elevated temperature	EN 1296	EN 1109	MDV	-15°C	± 5°C
Artificial ageing by long term exposure to combination of UV radiation, elevated temperature and water	EN 1297	EN 1850-1	Pass	–	
Adhesion of granules	EN 12039	%	MDV	15	± 15
Water vapor transmission properties	EN 1931	–	μ = MDV or 20 000	20000	

^a - MLV: manufacturer limiting value according to 3.9 EN 13707; MDV: manufacturer declared value according to 3.10 EN 13707.
– not relevant

* See: External fire exposure to roofs classification reports

References of manufacturer:

The rolls should be stored and transported in vertical position and protected against moisture, heat and mechanical damage.

Storage temperature 0 - +40°C

In the cold season the rolls should be kept in a warm, dry place at a temperature of more than +5°C, not less than 12 hours before use.