PRODUCT TECHNICAL DATA SHEET
No. 28
October 2022

JSC "Mida LT"
Gamyklos 19, Gargzdai

Characteristics of the product: **MIDA ROOF FIX** – 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 and the underside is protected with sand. It is used as underlayment only, may be fixed mechanically or using bitumen mastic.
Do not use as single or upper layer, or for roof gardens.

MIDA ROOF FIX. Technical data

Characteristics	Test method / (classification)	Units	Expression of result[a]	Value or statement	Declarated tolerances
Visible defects	EN 1850-1	–	Visible defects	-	
Length	EN 1848-1	m	MLV	10,0	
Width	EN 1848-1	m	MLV	1,0	
Straightness	EN 1848-1	mm	Pass	≤ 20	
Mass per unit area	EN 1849-1	kg/m^2	MDV	1,5	± 0,1
Thickness	EN 1849-1	mm	MDV	1,5	± 0,1
Watertightness	EN 1928, Method B	kPa	Pass	60	
Watertightness after stretching at low temperature	EN 13897	%	MLV	-	
External fire performance	ENV 1187	–	EN 13501-5	B $_{ROOF}$ (t1)*	
Reaction to fire	EN 13501-1+A1	–	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	400 / 300	± 150/±100
Tensile properties: elongation	EN 12311-1	%	MDV	30 / 40	± 15
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	200	± 100
Resistance to root penetration	EN 13948	–	Pass	–	
Dimensional stability	EN 1107-1	%	MLV	-	
Form stability under cyclic temperature change	EN 1108	mm	MLV	-	
Flexibility at low temperature	EN 1109	°C	MLV	- 20	
Flow resistance at elevated temperature	EN 1110	°C	MLV	90	
Artificial ageing by long term exposure to elevated temperature	EN 1296	EN 1109	MDV	-	
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	-	
Water vapour 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 the temperature more than +5°C for not less than 12 hours before use.