

TECHNICAL DATA SHEET

RAVAPROOF STICKY VB 0,5MM AL

Modification of Bitumen	Elastomeric	 TS EN 13707 & TS EN 13970
Reinforcement	Glassfibre	
Upper Surface Coating	Al foil	
Lower Surface Coating	Removable siliconized film	

Name of the Test	Method	Unit	Tolerance	Value
Visual Defects	TS EN 1850-1	one/none		none
Thickness	TS EN 1849-1	mm	±0,1	0,5
Mass Per Unit Area	TS EN 1849-1	kg/mt2	±10	0,5
Length	TS EN 1848-1	m	min(-0,03)	50
Width	TS EN 1848-1	cm	min(-2)	100
Straightness	TS EN 1848-1			Pass
Watertightness (10kPa)	TS EN 1928 Mt.A			Pass
Watertightness (Type A:2kPa)	TS EN 1928 Mt.B			Pass
Dimensional Stability	TS EN 1107-1	%	≤	0,8
Flexibility at Low Temperature	TS EN 1109 / ASTM D-5147	°C	≤	-25
Flow Resistance at Elevated Temperature	TS EN 1110 / ASTM D-5147	°C	≥	90
Tensile Strength (MD/CD)	TS EN 12311-1	N/50mm	±20%	900/700
Elongation (MD/CD)	TS EN 12311-1	%	±2	3/3
Impact Resistance	TS EN 12691 Mt.A	mm	min	300
Resistance to Static Loading	TS EN 12730 Mt.A/Mt.B	Kg	min	20
Shear Resistance of Joints	TS EN 12317-1	N/50mm		NPD
Peel Resistance of Joints	TS EN 12316-1	N/50mm		NPD
Resistance to Tearing (nail shank) (MD/CD)	TS EN 12310-1	N	±30%	200/200
Reaction to Fire	TS EN 11925-2	Class		E
External Fire Performance	ENV 1187-2	Class		NPD
Water Vapour Properties	TS EN 1931	Sd (m)	>	1500
		μ	>	2680000
Resistance to Root Penetration	EN 13948			NPD
Artificial Ageing+ Flow Resistance at Elevated Temperature	TS EN 1296/TS EN 1110	°C		NPD
Artificial Ageing+ Flexibility at Low Temperature	TS EN 1296/TS EN 1109	°C		NPD
Water vapour properties after artificial ageing	TS EN 1296/EN 1931	%		NPD
Dangerous Substances	...	one/none		None

STORAGE:

1. Rolls should always be stored and transported at upright position.
2. Membrane pallets should not be stored on top of each other and similarly, heavy loads should never be placed on membrane pallets.
3. Bituminous membranes should be stored at closed areas where room temperature is above +5°C. They should never be stored outside as pallets are exposed to direct sun shine and should always be kept away from heat sources.
4. Membrane rolls should not be stored outside if there is no cover on them. High temperature may lead to longitudinal shrinkage and latitudinal expandage at membranes with polyester carrier.
5. For bituminous membranes, recommended shelf-life is 12 months. Later than this date, membrane is subject to ageing.
6. Additionally, if it is not stored under appropriate conditions, shelf life may shorten.