


TECHNICAL DATA SHEET

**VIADUCT P
5MM**

PRODUCT SPECIFICATIONS TS EN 14695				Modification of Bitumen	Plastomeric
				Reinforcement	Polyester
				Upper surface coating	Fine Sand
				Lower surface coating	PE
Name of the Test	Method	Unit	Tolerance	Value	
Visual defects	TS EN 1850-1	none	
Thickness	TS EN 1849-1	mm	±0,2	5	
Length	TS EN 1848-1	m	min	7,5	
Width	TS EN 1848-1	m	min	1	
Straightness	TS EN 1848-1			pass	
Tensile strength (MD/CMD)	TS EN 12311-1	N/50mm	±20%	1000/800	
Elongation (MD/CD)	TS EN 12311-1	%	±20%	40/40	
Water absorption	TS EN 14223	%	≤	0,5	
Flexibility at low temperature	TS EN 1109	°C	≤	-10	
Flow resistance at elevated temperature	TS EN 1110	°C	≥	120	
Dimensional stability	TS EN 1107-1	%	≤	0,6	
Artificial ageing +Flexibility	TS EN 1296/TS EN 1109	°C	max	0	
Artificial ageing +Heat resistance	TS EN 1296/TS EN 1110	°C	min	110	
Bond Strength	TS EN 13596	N/mm ²	≥	0,3	
Shear Strength	TS EN 13653	N/mm ²	≥	0,2	
Crack bridging ability	TS EN 14224	°C		NPD	
Compatibility by heat conditioning	TS EN 14691	%	≥	95	
Resistance to compaction of an asphalt layer	TS EN 14692			pass	
Behaviour of bitumen sheets during application of mastic asphalt					
-Surface proportion of compound specks	TS EN 14693	%	min	0	
-Thickness Change Δt		mm	≤	0,1	
-Number of inclusions		-	≤	0	
Watertightness	TS EN 14694	-	-	pass	