



**TECHNICAL SPECIFICATION
EPDM MEMBRANE BASED ON
ASTM – D4637**



PROPERTIES	TEST METHOD	SPECIFICATION
Tolerance on Thickness	ASTM D 412	15 /-10 %
Color	Visual	Black
Hardness	ASTM D2240	65+10 Sh A
Tensile Strength (min)	ASTM D412	90KGS. CM2
Elongation Break (min)	ASTM D412	350%
Tear Resistance kg/cm	ASTM D624 method C	30
After Aging Physical Properties:		
After 100 ⁰ C for 600 Hrs		
Tensile Strength min.	ASTM D – 412	10%
Elongation (%)	ASTM D – 412	30%
Tear resistance (kg/cm)	ASTM – 412	15%
Linear dimensional change max. %	ASTM D – 1204	+/- 2%
Ozone Resistance:-		
On exposure to 100 ppm and Ozone in air 96 hrs.@ 40 C at 20 % strain	ASTM D 1149	No crack
Glass transition Temperature :-	ASTM D – 746	-55
Compression set, 22 Hrs. at 70 ⁰ C	ASTM D 395	24%
Specification No: - ZSWP100/1	Rev.No.:- 00	Rev. Date : 00