



**TECHNICAL SPECIFICATION
EPDM MEMBRANE BASED ON
ASTM – 6134**



PROPERTIES	TEST METHOD	SPECIFICATION
Tolerance on Thickness	ASTM D 412	15 /-10 %
Color	Visual	Black
Hardness	ASTM D2240	65 + 10 A
Tensile Strength (min)	ASTM D412	90KGS.CM2
Elongation Break (min)	ASTM D412	300%
Abrasion Resistance (Max)	ASTM D5963	250 mm ³
Compression Set (70 ⁰ C/24 hrs) (max)	ASTM D395 METHOD B	24%
Tear Resistance (Angular) min	ASTM D624 method C	30
Resistance to Heat Aging		
Properties after 166 hrs @ 115 ⁰ C	ASTM D – 573	
Tensile Strength min.	ASTM D – 412	85kgs. /Cm2
Elongation (%)	ASTM D – 412	210
Linear dimensional change max. %	ASTM D – 1204	+/-1
Brittleness temperature ⁰ C	ASTM D 746	-45
Resistance water absorption, after 166Hrs. Immersion @ 70 ⁰ C		
% change in mass	ASTM D 471	4
Water Vapor Permeability Max. / Million	ASTM E 96	3.5

Specification No:- ZSWP100/2

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